

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, 1989–98

Year	Area harvested	Yield per acre	Production	Marketing year average price per ton received by farmers	Value of production
	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1989	62,722	2.31	144,706	85.40	11,144,382
1990	61,030	2.40	146,212	80.60	10,420,874
1991	61,834	2.46	152,073	71.20	9,941,020
1992	58,903	2.49	146,903	74.30	10,435,994
1993	59,679	2.46	146,699	84.70	10,956,746
1994	58,815	2.55	150,136	86.70	11,113,656
1995	59,764	2.58	154,289	82.20	11,041,844
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 ¹	60,016	2.52	151,338	87.00	11,720,420

¹ Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 6-2.—Hay, all: Stocks on farms, United States, 1989–98

Crop year	Dec. 1	May 1 ¹	Crop year	Dec. 1	May 1 ¹
	<i>1,000 tons</i>	<i>1,000 tons</i>		<i>1,000 tons</i>	<i>1,000 tons</i>
1989	100,786	26,993	1994	105,296	20,775
1990	104,701	26,974	1995	109,438	20,739
1991	111,123	28,216	1996	105,179	17,424
1992	105,290	21,102	1997	103,044	21,827
1993	100,953	22,096	1998 ²	111,839	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, 1996–98

State	Area harvested			Yield per harvested acre			Production		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AZ	160	190	200	8.00	8.20	8.00	1,280	1,558	1,600
AR	25	25	25	2.40	2.80	2.60	60	70	65
CA	940	950	1,020	7.00	7.20	6.50	6,580	6,840	6,630
CO	860	840	810	3.50	3.90	4.20	3,010	3,276	3,402
CT	15	12	8	2.50	2.40	2.20	38	29	18
DE	7	7	8	4.60	3.40	3.60	32	24	29
ID	1,000	1,000	1,130	4.20	4.10	4.30	4,200	4,100	4,859
IL	550	580	600	3.60	3.90	4.20	1,980	2,262	2,520
IN	425	400	400	3.20	3.80	4.10	1,360	1,520	1,640
IA	1,200	1,200	1,250	3.60	3.50	3.60	4,320	4,200	4,500
KS	800	900	1,000	4.30	4.00	4.60	3,440	3,600	4,600
KY	300	250	250	3.60	3.00	3.50	1,080	750	875
ME	10	10	13	3.00	2.00	2.50	30	20	33
MD	60	55	55	4.70	3.30	4.10	282	182	226
MA	15	17	18	2.00	2.30	1.80	30	39	32
MI	950	900	850	3.60	3.40	3.30	3,420	3,060	2,805
MN	1,475	1,475	1,550	3.10	3.30	3.60	4,573	4,868	5,580
MO	480	450	450	2.75	2.80	3.25	1,320	1,260	1,463
MT	1,700	1,650	1,700	2.10	2.40	2.20	3,570	3,960	3,740
NE	1,400	1,300	1,400	3.70	3.25	3.75	5,180	4,225	5,250
NV	250	260	260	4.50	4.20	4.60	1,125	1,092	1,196
NH	12	8	8	1.95	2.00	3.00	23	16	24
NJ	25	25	30	3.50	2.90	2.80	88	73	84
NM	250	255	270	5.10	5.20	5.10	1,275	1,326	1,377
NY	640	640	600	2.70	2.60	2.45	1,728	1,664	1,470
NC	15	20	20	2.80	3.00	2.80	42	60	56
ND	1,700	1,750	1,400	1.85	1.50	1.75	3,145	2,625	2,450
OH	700	600	550	3.00	3.60	3.50	2,100	2,160	1,925
OK	360	360	350	3.50	3.80	2.60	1,260	1,368	910
OR	460	420	400	4.40	4.70	4.80	2,024	1,974	1,920
PA	750	740	700	3.10	2.80	2.80	2,325	2,072	1,960
RI	2	2	2	2.90	2.40	3.00	6	5	6
SD	2,500	2,300	2,400	2.20	2.30	2.40	5,500	5,290	5,760
TN	40	40	35	3.40	3.30	3.40	136	132	119
TX	150	135	140	4.50	4.70	4.50	675	635	630
UT	545	545	545	4.00	4.30	4.40	2,180	2,344	2,398
VT	65	45	45	2.10	2.30	2.30	137	104	104
VA	120	120	120	3.60	2.75	2.70	432	330	324
WA	490	480	480	4.70	4.80	5.00	2,303	2,304	2,400
WV	40	55	50	2.80	3.00	3.00	112	165	150
WI	2,100	1,900	1,900	2.50	2.75	2.80	5,250	5,225	5,320
WY	620	640	600	2.40	2.70	2.60	1,488	1,728	1,560
US	24,206	23,551	23,642	3.27	3.33	3.47	79,139	78,535	82,010

¹ Preliminary.

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

Table 6-4.—Hay, all other: Area, yield, and production, by States, 1996–98

State	Area harvested			Yield per harvested acre			Production		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AL	730	770	750	2.40	2.25	2.10	1,752	1,733	1,575
AZ	19	40	40	3.50	3.70	3.50	67	148	140
AR	1,150	1,200	1,150	2.00	2.00	1.90	2,300	2,400	2,185
CA	510	560	550	2.80	2.80	2.70	1,428	1,568	1,485
CO	650	750	600	1.80	1.95	2.00	1,170	1,463	1,200
CT	65	60	55	1.90	1.80	2.00	124	108	110
DE	8	8	8	4.00	3.00	3.30	32	24	26
FL	240	250	230	2.60	2.60	2.50	624	650	575
GA	600	600	650	2.80	2.60	2.30	1,680	1,560	1,495
ID	280	300	300	2.00	2.10	2.30	560	630	690
IL	400	390	350	2.20	2.30	2.50	880	897	875
IN	300	325	350	2.20	2.50	3.00	660	813	1,050
IA	450	450	320	2.20	2.20	2.60	990	990	832
KS	1,700	1,800	1,900	2.10	1.80	1.80	3,570	3,240	3,420
KY	2,100	1,850	2,100	2.20	2.10	2.30	4,620	3,885	4,830
LA	310	395	330	2.70	2.60	2.20	837	1,027	726
ME	175	155	145	1.75	1.50	1.70	306	233	247
MD	160	145	145	2.60	2.20	2.80	416	319	406
MA	75	75	85	2.00	1.70	2.00	150	128	170
MI	350	350	400	2.20	2.00	1.90	770	700	760
MN	750	850	850	1.90	1.80	1.80	1,425	1,530	1,530
MS	800	720	790	2.50	2.50	2.20	2,000	1,800	1,738
MO	3,400	3,200	3,200	1.75	1.90	1.95	5,950	6,080	6,240
MT	900	950	800	1.50	1.60	1.60	1,350	1,520	1,280
NE	1,750	1,900	1,800	1.30	1.35	1.35	2,275	2,565	2,430
NV	230	230	225	1.70	1.80	1.60	391	414	360
NH	55	54	48	1.70	1.65	1.80	94	89	86
NJ	95	95	90	1.90	2.20	1.70	181	209	153
NM	100	90	90	2.00	1.90	1.90	200	171	171
NY	870	890	800	2.00	2.00	2.05	1,740	1,780	1,640
NC	630	630	650	2.10	2.10	2.20	1,323	1,323	1,430
ND	1,200	1,400	1,200	1.40	1.25	1.45	1,680	1,750	1,740
OH	500	650	780	2.60	2.60	2.50	1,300	1,690	1,950
OK	2,300	2,200	1,900	1.60	1.70	1.30	3,680	3,740	2,470
OR	610	615	570	2.00	2.10	2.55	1,220	1,292	1,454
PA	1,130	1,130	1,150	2.00	1.80	1.70	2,260	2,034	1,955
RI	6	6	8	2.20	1.80	2.00	13	11	16
SC	280	300	320	2.00	2.10	2.00	560	630	640
SD	1,800	1,800	1,600	1.50	1.40	1.50	2,700	2,520	2,400
TN	1,750	1,700	1,750	2.10	2.10	2.20	3,675	3,570	3,850
TX	4,200	4,300	3,900	1.70	2.40	1.60	7,140	10,320	6,240
UT	160	170	165	2.10	2.20	2.30	336	374	380
VT	185	220	200	2.00	1.90	2.00	370	418	400
VA	1,150	1,050	1,140	2.20	1.85	2.00	2,530	1,943	2,280
WA	310	300	270	2.70	2.60	2.80	837	780	756
WV	530	520	530	1.80	1.80	1.90	954	936	1,007
WI	400	470	500	2.00	2.40	2.10	800	1,128	1,050
WY	600	620	590	1.20	1.40	1.50	720	868	885
US	36,963	37,533	36,374	1.91	1.97	1.91	70,640	74,001	69,328

¹ Preliminary.

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

Table 6-5.—Hay, all: Area, yield, and production, by States, 1996–98

State	Area harvested			Yield per harvested acre			Production		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AL	730	770	750	2.40	2.25	2.10	1,752	1,733	1,575
AZ	179	230	240	7.53	7.42	7.25	1,347	1,706	1,740
AR	1,175	1,225	1,175	2.01	2.02	1.91	2,360	2,470	2,250
CA	1,450	1,510	1,570	5.52	5.57	5.17	8,008	8,408	8,115
CO	1,510	1,590	1,410	2.77	2.98	3.26	4,180	4,739	4,602
CT	80	72	63	2.03	1.90	2.03	162	137	128
DE	15	15	16	4.27	3.20	3.44	64	48	55
FL	240	250	230	2.60	2.60	2.50	624	650	575
GA	600	600	650	2.80	2.60	2.30	1,680	1,560	1,495
ID	1,280	1,300	1,430	3.72	3.64	3.88	4,760	4,730	5,549
IL	950	970	950	3.01	3.26	3.57	2,860	3,159	3,395
IN	725	725	750	2.79	3.22	3.59	2,020	2,333	2,690
IA	1,650	1,650	1,570	3.22	3.15	3.40	5,310	5,190	5,332
KS	2,500	2,700	2,900	2.80	2.53	2.77	7,010	6,840	8,020
KY	2,400	2,100	2,350	2.38	2.21	2.43	5,700	4,635	5,705
LA	310	395	330	2.70	2.60	2.20	837	1,027	726
ME	185	165	158	1.82	1.53	1.77	336	253	280
MD	220	200	200	3.17	2.51	3.16	698	501	632
MA	90	92	103	2.00	1.82	1.96	180	167	202
MI	1,300	1,250	1,250	3.22	3.01	2.85	4,190	3,760	3,565
MN	2,225	2,325	2,400	2.70	2.75	2.96	5,998	6,398	7,110
MS	800	720	790	2.50	2.50	2.20	2,000	1,800	1,738
MO	3,880	3,650	3,650	1.87	2.01	2.11	7,270	7,340	7,703
MT	2,600	2,600	2,500	1.89	2.11	2.01	4,920	5,480	5,020
NE	3,150	3,200	3,200	2.37	2.12	2.40	7,455	6,790	7,680
NV	480	490	485	3.16	3.07	3.21	1,516	1,506	1,556
NH	67	62	56	1.75	1.69	1.96	117	105	110
NJ	120	120	120	2.24	2.35	1.98	269	282	237
NM	350	345	360	4.21	4.34	4.30	1,475	1,497	1,548
NY	1,510	1,530	1,400	2.30	2.25	2.22	3,468	3,444	3,110
NC	645	650	670	2.12	2.13	2.22	1,365	1,383	1,486
ND	2,900	3,150	2,600	1.66	1.39	1.61	4,825	4,375	4,190
OH	1,200	1,250	1,330	2.83	3.08	2.91	3,400	3,850	3,875
OK	2,660	2,560	2,250	1.86	2.00	1.50	4,940	5,108	3,380
OR	1,070	1,035	970	3.03	3.16	3.48	3,244	3,266	3,374
PA	1,880	1,870	1,850	2.44	2.20	2.12	4,585	4,106	3,915
RI	8	8	10	2.38	2.00	2.20	19	16	22
SC	280	300	320	2.00	2.10	2.00	560	630	640
SD	4,300	4,100	4,000	1.91	1.90	2.04	8,200	7,810	8,160
TN	1,790	1,740	1,785	2.13	2.13	2.22	3,811	3,702	3,969
TX	4,350	4,435	4,040	1.80	2.47	1.70	7,815	10,955	6,870
UT	705	715	710	3.57	3.80	3.91	2,516	2,718	2,778
VT	250	265	245	2.03	1.97	2.06	507	522	504
VA	1,270	1,170	1,260	2.33	1.94	2.07	2,962	2,273	2,604
WA	800	780	750	3.93	3.95	4.21	3,140	3,084	3,156
WV	570	575	580	1.87	1.91	1.99	1,066	1,101	1,157
WI	2,500	2,370	2,400	2.42	2.68	2.65	6,050	6,353	6,370
WY	1,220	1,260	1,190	1.81	2.06	2.05	2,208	2,596	2,445
US	61,169	61,084	60,016	2.45	2.50	2.52	149,779	152,536	151,338

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 1996, 1997, and 1998

State	Marketing year average price per ton, baled			Value of production		
	1996	1997	1998	1996	1997	1998
	<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	49.00	47.00	53.00	85,848	81,451	83,475
AZ	94.00	111.00	91.50	126,592	187,594	158,160
AR	64.00	59.00	61.00	134,300	138,560	126,245
CA	108.00	117.00	101.00	840,896	967,624	801,690
CO	98.00	101.00	94.00	402,120	485,954	440,487
CT	124.00	139.00	132.00	20,314	18,904	16,906
DE	122.00	145.00	137.00	7,872	7,056	7,420
FL	84.00	86.00	102.00	52,416	55,900	58,650
GA	62.50	59.00	68.00	105,000	92,040	101,660
ID	96.00	105.00	84.00	450,240	483,110	460,295
IL	108.00	102.00	86.50	302,280	315,588	288,820
IN	129.00	113.00	86.00	261,800	259,635	222,740
IA	106.00	109.00	86.00	538,335	543,660	445,750
KS	83.00	84.00	73.00	543,695	550,080	561,580
KY	83.00	77.00	81.50	442,350	330,660	430,850
LA	55.00	54.00	57.00	46,035	55,458	41,382
ME	86.00	114.00	113.00	29,310	29,189	32,614
MD	119.00	142.00	140.00	83,104	68,220	87,852
MA	118.00	144.00	138.00	21,180	24,049	28,080
MI	106.00	101.00	89.00	442,895	378,530	317,223
MN	81.00	88.00	67.50	526,646	570,394	452,115
MS	54.00	42.50	42.00	108,000	76,500	72,996
MO	69.50	71.00	68.50	505,195	521,420	532,986
MT	80.00	79.00	73.50	379,620	421,680	360,550
NE	66.50	76.00	51.00	470,033	485,941	377,295
NV	99.50	105.00	107.00	146,421	153,690	163,728
NH	114.00	137.00	143.00	13,399	14,331	15,822
NJ	119.00	120.00	122.00	31,873	33,711	29,301
NM	128.00	124.00	119.00	184,175	184,989	183,375
NY	87.00	94.00	89.50	301,566	326,330	278,850
NC	83.00	84.00	81.50	112,287	115,986	120,840
ND	52.00	60.00	52.50	240,068	246,750	209,090
OH	132.00	135.00	96.50	455,750	499,110	348,175
OK	93.50	78.00	84.00	371,220	332,422	238,745
OR	104.00	117.00	108.00	313,336	361,020	343,253
PA	124.00	138.00	115.00	551,175	577,558	458,125
RI	131.00	146.00	154.00	2,513	2,303	3,338
SC	82.50	85.00	85.00	46,200	53,550	54,400
SD	77.50	77.00	53.50	617,300	570,995	425,280
TN	45.00	56.00	53.00	172,169	207,036	210,154
TX	98.00	72.00	91.00	687,795	715,880	565,620
UT	72.00	84.00	78.00	173,674	223,176	210,342
VT	98.00	131.00	120.00	49,562	68,370	61,464
VA	78.00	83.00	82.50	228,415	187,854	216,876
WA	115.00	115.00	101.00	371,347	361,824	326,856
WV	58.50	55.00	51.50	61,986	63,849	60,090
WI	84.00	91.50	78.00	503,325	584,450	503,475
WY	76.50	85.00	77.50	165,360	215,444	185,400
US	95.80	100.00	87.00	12,726,992	13,249,825	11,720,420

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

Table 6-7.—Hay: Area and production, by kinds, United States, 1989-98

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 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1989	25,796	36,926	62,722	77,059	67,647	144,706
1990	25,346	35,684	61,030	83,413	62,799	146,212
1991	25,414	36,420	61,834	83,319	68,754	152,073
1992	24,070	34,833	58,903	79,140	67,763	146,903
1993	24,673	35,016	59,689	80,115	66,584	146,699
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 ¹	23,642	36,374	60,016	82,010	69,328	151,338

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, 1989–98¹

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
1989	17.5	144.7	162.2	135.2	73.7	2.20	1.83	85.40
1990	27.0	146.2	173.2	146.2	73.5	2.36	1.99	80.60
1991	27.0	152.1	179.0	150.8	74.7	2.40	2.02	71.20
1992	28.2	146.9	175.1	154.1	75.3	2.33	2.05	74.30
1993	21.0	146.7	167.7	145.7	76.4	2.20	1.91	84.70
1994	22.1	150.1	172.2	151.4	77.9	2.21	1.94	86.70
1995	20.8	154.2	175.0	154.2	77.9	2.25	1.98	82.20
1996	20.8	149.8	170.5	152.8	76.1	2.24	2.01	95.80
1997	17.4	152.5	170.0	148.1	74.4	2.28	2.00	100.00
1998 ²	21.8	151.3	173.2	NA	73.4	2.36	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, 1989–98

Kind of seed	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
	Price per 100 pounds									
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Alfalfa, uncertified varieties	180.00	157.00	174.00	146.00	152.00	161.00	168.00	185.00	185.00	205.00
Alfalfa, certified varieties	249.00	253.00	266.00	252.00	269.00	266.00	274.00	277.00	282.00	288.00
Red clover	162.00	145.00	134.00	122.00	148.00	148.00	134.00	172.00	184.00	194.00
Ladino clover	294.00	287.00	290.00	316.00	324.00	321.00	320.00	318.00	307.00	308.00
Lespedeza, Korean	67.30	62.80	67.70	92.40	132.00	84.50	66.00	99.00	90.00	89.00
Lespedeza, Striate, Kobe	82.60	88.40	86.00	99.30	119.00	82.40	95.60	125.00	112.00	108.00
Lespedeza, Sericea	167.00	134.00	101.00	92.80	92.10	169.00	178.00	291.00	220.00	290.00
Timothy	132.00	82.10	66.40	66.30	80.60	76.00	71.00	76.00	73.00	71.20
Orchardgrass	117.00	102.00	101.00	100.00	122.00	161.00	148.00	141.00	119.00	116.00
Blue Grass, Kentucky: Public and common	225.00	133.00	109.00	122.00	239.00	211.00	159.00	172.00	153.00	152.00
Proprietary, including Merion	275.00	209.00	196.00	189.00	283.00	274.00	228.00	243.00	224.00	216.00
Ryegrass, annual	54.30	50.50	46.80	43.80	56.70	64.60	67.60	58.80	57.90	65.30
Tall fescue	111.00	85.10	89.00	67.80	87.00	71.50	88.10	109.00	148.00	101.00
Sudangrass	45.30	47.70	48.10	47.10	45.20	47.90	51.80	51.90	51.40	53.70
Potatoes	10.60	11.00	9.70	6.95	8.60	10.20	7.90	10.30	7.60	9.10
Peanuts	74.30	75.70	123.00	77.20	77.30	86.90	79.50	82.00	81.75	83.60
Sunflower	277.00	308.00	314.00	300.00	300.00	297.00	297.00	313.00	355.00	380.00
Cottonseed	50.10	54.30	58.20	59.70	62.70	63.50	68.20	73.00	74.90	79.30
Grain sorghums, hybrid	69.50	69.90	71.20	72.30	74.50	82.10	78.70	84.00	92.00	96.00
	Price per bushel									
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Corn, hybrid ¹	71.40	69.90	70.20	71.80	72.70	73.40	77.10	77.70	83.50	86.90
Wheat (spring)	6.71	6.05	4.72	6.06	5.98	7.37	7.12	8.10	7.30	6.85
Wheat (winter)	7.55	8.01	6.89	7.41	7.73	7.90	7.80	8.50	10.00	8.25
Oats (spring)	5.89	4.19	3.71	4.26	4.39	4.69	4.51	5.19	5.32	5.02
Rice (2)	15.20	15.20	14.40	16.50	15.40	22.00	15.10	17.50	19.00	19.50
Barley (spring)	5.91	5.25	4.55	5.10	5.00	5.18	5.37	6.49	6.13	6.04
Soybeans for seed	14.70	12.50	12.80	12.40	12.40	13.60	13.40	14.80	16.10	17.15
Flaxseed	11.40	11.00	8.80	7.94	7.37	7.74	8.00	8.14	9.31	10.00

¹ Price per 80,000 kernels. ² Unavailable.
NASS, Livestock and Economics Branch, (202) 720-3570.

Table 6-10.—Beans, dry edible: Area, yield, production, and value, United States, 1989–98^{1 2}

Year	Area planted	Area harvested	Yield per harvested acre ³	Production ³	Marketing year average price per 100 pounds received by farmers	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1989	1,824.6	1,650.9	1,437	23,729	28.50	676,635
1990	2,177.6	2,084.4	1,553	32,379	18.50	594,167
1991	1,964.1	1,913.7	1,764	33,765	15.60	528,311
1992	1,640.6	1,529.9	1,478	22,615	19.90	512,889
1993	1,867.9	1,618.0	1,351	21,862	24.60	539,531
1994	2,011.8	1,831.2	1,581	28,950	22.50	632,461
1995	2,066.3	1,896.3	1,618	30,689	20.80	636,133
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	2,010.1	1,913.9	1,611	30,828	19.80	604,888

¹ Figures include principal producing States only. ² Excludes beans grown for garden seed. ³ Cleaned basis. NASS, Crops Branch, (202) 720-2127.

Table 6-11.—Beans, dry edible (cleaned basis): Production, by classes, United States, 1996–98¹

Class	1996	1997	1998 ²	Class	1996	1997	1998 ²
	<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>
Navy (pea beans)	5,984	5,524	3,897	Black	1,350	2,122	3,569
Great northern	2,239	2,251	2,186	Large lima (CA)	394	718	480
Small white	113	183	60	Baby lima (CA)	517	902	310
Pinto	12,123	10,920	14,511	Blackeye	567	807	760
Red kidney, light	1,039	1,618	1,153	Garbanzo	504	392	339
Red kidney, dark	1,074	992	855	Other	572	690	754
Pink	528	699	907	Total	27,912	29,370	30,828
Small red	405	892	660				
Cranberry	503	660	387				

¹ Excludes beans grown for garden seed. ² Preliminary. NASS, Crops Branch, (202) 720-2127.

Table 6-12.—Beans, dry edible: Area, yield, and production, by States, 1996–98¹

State	Area planted			Area harvested			Yield per harvested acre (cleaned basis)			Production (cleaned basis)		
	1996	1997	1998	1996	1997	1998	1996	1997	1998	1996	1997	1998
	<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	128.0	135.0	110.0	123.0	132.0	105.0	1,890	2,270	1,950	2,325	3,000	2,048
CO	145.0	135.0	170.0	125.0	120.0	155.0	1,800	1,900	1,850	2,250	2,280	2,868
ID	95.0	100.0	105.0	93.0	98.0	103.0	2,050	2,200	2,050	1,907	2,156	2,112
KS	28.0	22.0	20.0	24.0	20.0	19.0	1,850	1,900	2,000	444	380	380
MI	340.0	315.0	300.0	320.0	305.0	295.0	1,450	1,620	1,500	4,640	4,941	4,425
MN	160.0	175.0	190.0	155.0	165.0	175.0	1,560	1,550	1,450	2,418	2,558	2,538
MT	10.5	12.2	12.6	10.3	11.7	12.2	2,280	2,200	2,180	235	257	266
NE	205.0	190.0	195.0	195.0	180.0	188.0	1,900	2,060	1,950	3,705	3,708	3,666
NM	12.0	12.0	10.5	12.0	12.0	9.5	2,200	1,700	1,800	264	204	171
NY	30.0	44.0	31.0	29.0	43.5	30.0	1,300	1,560	1,420	377	679	426
ND	580.0	620.0	750.0	570.0	565.0	710.0	1,320	1,260	1,380	7,524	7,119	9,798
OR	9.2	9.0	8.7	8.8	8.9	8.6	1,800	2,040	1,770	158	182	152
TX	13.0	15.0	15.0	10.0	14.0	13.5	840	1,020	1,000	84	143	135
UT	5.0	5.8	6.0	0.6	5.2	5.9	1,600	800	510	10	42	30
WA	37.0	38.0	40.0	35.0	38.0	40.0	2,030	2,240	2,230	710	850	890
WI	9.3	9.8	7.3	9.0	9.5	7.2	1,800	1,800	1,600	162	171	115
WY ...	32.0	32.0	39.0	31.0	31.0	37.0	2,250	2,260	2,180	699	700	808
US	1,839.0	1,869.8	2,010.1	1,750.7	1,758.8	1,913.9	1,594	1,670	1,611	27,912	29,370	30,828

¹ Excludes beans grown for garden seed. 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 1996, 1997, and 1998¹

State	Marketing year average price per cwt.			Value of production		
	1996	1997	1998	1996	1997	1998
	<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	38.50	29.40	33.10	89,513	88,200	67,789
CO	22.50	18.70	16.70	50,625	42,636	47,896
ID	24.00	20.80	17.80	45,768	44,845	37,594
KS	26.50	18.60	15.80	11,766	7,068	6,004
MI	21.70	18.90	22.50	100,688	93,385	99,563
MN	23.00	17.50	19.70	55,614	44,765	49,999
MT	24.50	19.40	16.40	5,758	4,986	4,362
NE	21.50	18.80	18.60	79,658	69,710	68,188
NM	23.50	22.40	22.40	6,204	4,570	3,830
NY	27.00	20.60	25.30	10,179	13,987	10,778
ND	20.30	16.80	16.90	152,737	119,599	165,586
OR	23.20	19.50	17.90	3,666	3,549	2,721
TX	25.00	18.00	19.40	2,100	2,574	2,619
UT	24.00	20.00	18.00	240	840	540
WA	24.40	21.70	21.50	17,324	18,445	19,135
WI	31.00	22.10	26.90	5,022	3,779	3,094
WY	22.00	19.60	18.80	15,378	13,720	15,190
US	23.50	19.30	19.80	652,240	576,658	604,888

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

Table 6-14.—Beans, dry edible: Season average wholesale price per 100 pounds, selected markets, 1988-97

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 reds	F.o.b. Michigan points:	
	Baby lima	Large lima	Blackeye	Light red kidney				Pea bean (Navy)	Black
	<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>
1988	40.16	45.81	28.28	50.42	37.64	30.48	34.06	37.65	-
1989	33.67	43.06	31.14	42.95	40.51	32.95	33.45	29.82	40.50
1990	37.61	45.98	31.73	27.01	21.19	21.94	31.16	20.41	23.84
1991	21.83	38.93	23.68	31.08	17.91	18.93	25.62	17.71	19.89
1992	22.70	26.65	25.80	24.29	23.81	21.25	30.02	21.15	24.26
1993	34.65	41.87	42.72	33.18	33.28	33.15	29.33	23.73	27.77
1994	33.81	44.67	40.18	31.09	21.32	37.18	28.19	31.63	33.13
1995	39.60	50.00	28.75	31.20	25.78	38.38	28.95	23.90	23.22
1996	45.50	56.95	32.55	40.35	27.60	26.55	39.10	23.25	27.29
1997 ¹	27.35	39.40	30.70	30.80	26.55	27.10	28.25	20.40	32.48

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 to specified countries, 1995/96–1997/98^{1 2}

Continent and country	1995/96	1996/97	1997/98	Continent and country	1995/96	1996/97	1997/98
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America, Central America & Caribbean:				Europe—Continued			
Canada	7,388	11,407	8,428	Italy	16,872	15,043	21,487
Dominican Republic	4,283	3,910	5,929	Netherlands	7,228	5,266	6,254
French West Indies	1,425	2,217	1,684	Spain	5,167	3,329	3,831
Mexico	74,346	89,163	141,409	United Kingdom	70,037	84,110	87,777
Panama	606	1,227	1,057	Regional ¹ total	128,205	125,804	140,684
Trinidad and Tobago	541	570	181				
Regional ¹ total	108,080	125,772	184,665	Asia, Middle East, and Africa:			
South America:				Israel	1,146	499	396
Brazil	1,987	141	9,171	Japan	19,472	19,368	16,754
Colombia	862	3,153	3,682	Philippines	1,890	2,623	1,915
Venezuela	2,018	3,183	5,934	Algeria	9,954	2,436	3,651
Regional ¹ total	5,868	9,146	22,048	Regional total	69,854	72,996	76,002
Europe:				Oceania:			
Belgium and Luxembourg	4,551	1,123	1,689	Australia	360	1,199	3,883
France	15,867	9,563	9,358	Other countries	17,144	20,207	15,196
Germany	1,558	1,573	2,111	Grand total	329,151	353,925	438,595

¹ Marketing year beginning September. ² Excluding seed bean exports.
FAS, Grain and Feed Division, (202) 720-6219.

Table 6-16.—Beans, dry edible: United States exports by class and quantity, 1988/89–1997/98

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>
1988/89	39,662	30,381	3,268	46,878	21,616	198,587	340,392
1989/90	82,814	55,558	2,168	102,563	25,945	117,103	386,151
1990/91	123,449	56,984	5,694	191,706	19,702	138,949	536,484
1991/92	97,070	29,573	4,376	104,089	44,529	116,875	396,512
1992/93	81,612	15,128	6,974	47,056	35,128	104,460	290,358
1993/94	68,350	15,503	8,968	61,997	33,365	86,743	274,926
1994/95	95,426	36,484	20,745	145,642	38,168	82,329	418,794
1995/96	86,399	28,291	19,204	82,042	32,382	80,834	329,152
1996/97	95,335	40,774	551	74,980	35,337	106,948	353,925
1997/98	107,477	50,200	1,339	95,654	68,907	150,258	473,835

¹ Marketing year beginning September. 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 6-17.—Peas, dry field: United States exports to specified countries, 1995/96–1997/98^{1 2 3}

Continent and country	1995/96	1996/97	1997/98	Continent and country	1995/96	1996/97	1997/98
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America/Central America & Caribbean:				Europe—Continued			
Canada	3,379	2,690	5,728	Italy	736	223	1,275
Mexico	7,891	2,389	4,226	Netherlands	24	182	51
Panama	4	33	156	Norway	285	195	254
Trinidad and Tobago	158	77	68	Switzerland	60	141	6
Total	14,519	7,932	16,070	United Kingdom	682	317	487
				Spain	1,585	750	3,587
South America:				Total	4,530	2,367	5,956
Brazil	4,328	2,781	2,750	Asia and Middle East:			
Colombia	2,979	910	2,734	Hong Kong	758	245	317
Peru	15,793	11,604	16,862	Israel	20	0	141
Venezuela	1,053	1,100	2,731	Japan	2,960	3,226	2,364
Total	25,318	19,143	28,392	Philippines	9,991	6,519	12,807
				India	5,901	3,016	5,836
Europe:				Total	27,077	16,974	29,284
Belgium and Luxembourg	41	0	0	Other countries	46,959	18,059	22,276
Iceland	175	14	5	Grand total	118,401	64,476	101,979

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

Table 6-18.—Hops: Marketing year average price and value of production, by States, crop of 1996, 1997, and 1998

State	Marketing year average price per pound			Value of production		
	1996	1997	1998 ¹	1996	1997	1998 ¹
	<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	1.49	1.41	1.52	8,338	7,733	6,885
OR	1.81	1.68	1.78	21,239	22,801	18,205
WA	1.63	1.60	1.60	93,953	89,306	71,666
Total	1.65	1.60	1.62	123,530	119,840	96,756

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

Table 6-19.—Hops: Area, yield, and production, by States, 1996–98

State	Area harvested			Yield per acre			Production		
	1996	1997	1998 ¹	1996	1997	1998 ¹	1996	1997	1998 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	3,997	3,870	3,909	1,400	1,417	1,159	5,596.0	5,484.1	4,529.4
OR	8,486	8,352	6,161	1,383	1,625	1,660	11,734.5	13,572.0	10,227.4
WA	31,678	31,080	26,573	1,820	1,796	1,686	57,640.0	55,816.0	44,791.0
US	44,161	43,302	36,643	1,698	1,729	1,625	74,970.5	74,872.1	59,547.8

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

Table 6-20.—Hops: Area, yield, production, value, and Sept. 1 stocks, United States, 1989–98

Year	Area harvested	Yield per acre	Production	Marketing year average price per pound received by farmers	Value of production	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>
1989	34.5	1,717	59,326	138.0	81,582	51,700
1990	35.5	1,603	56,855	148.0	84,178	51,890
1991	39.6	1,748	69,155	168.0	115,997	54,200
1992	42.3	1,759	74,337	174.0	129,328	56,250
1993	43.1	1,767	76,144	176.0	133,965	58,060
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 ¹	36.6	1,625	59,548	162.0	96,756	55,000

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

Table 6-21.—Hops: United States exports by country of destination and imports by country of origin, 1995/96–1997/98

Item and country	Year beginning September			Item and country	Year beginning September		
	1995/96	1996/97	1997/98		1995/96	1996/97	1997/98
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Exports				Exports			
Europe:				Other countries:			
Belgium/Luxembourg	313	319	297	Canada	1,453	1,649	1,491
France	80	386	221	Japan	483	544	409
Germany	2,264	1,206	1,446	Russia	117	153	80
Ireland	164	213	282	Bulgaria	98	15	0
Italy	44	12	0	Thailand	135	45	173
Netherlands	276	301	135	Philippines	173	166	105
United Kingdom	1,098	849	974	Korea	188	131	88
Spain	44	107	45	Hong Kong	220	219	270
Other countries ..	103	136	130	Australia	75	93	92
Total	4,386	3,529	3,530	Nigeria	13	20	17
				South Africa	15	0	0
Latin America:				Dominican Rep.	104	107	153
Argentina	99	237	177	Taiwan	0	163	311
Bolivia	43	49	98	Total	3,074	3,305	3,189
Brazil	2,493	2,521	1,226	Other countries	277	219	288
Chile	44	37	30	Grand total	12,190	11,324	10,651
Colombia	401	403	655	Imports			
Ecuador	87	3	75	Argentina	0	46	0
El Salvador	22	16	1	Australia	149	155	85
Guatemala	43	20	1	Canada	107	83	92
Mexico	944	682	933	Czech Republic	132	185	123
Paraguay	3	66	23	France	610	624	583
Peru	118	106	66	Germany	4,239	4,106	3,460
Uruguay	21	16	20	Poland	107	44	1
Venezuela	106	77	299	Slovenia	32	11	41
Other countries ..	29	38	40	United Kingdom	274	272	240
Total	4,453	4,271	3,644	Yugoslavia	0	0	0
				China	19	0	0
				New Zealand	227	254	233
				Other countries	0	12	4
				Total	5,896	5,792	4,862

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