

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, 1990–99

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>
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	10,946,576
1994	58,815	2.55	150,136	86.70	11,113,274
1995	59,764	2.58	154,289	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	60,076	2.53	151,780	84.60	11,606,734
1999 ¹	63,160	2.52	159,077	77.00	10,889,893

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

Table 6-2.—Hay, all: Stocks on farms, United States, 1990–99

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>
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	111,839	24,795
1994	105,296	20,775	1999 ²	108,668	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, 1997–99

State	Area harvested			Yield per harvested acre			Production		
	1997	1998	1999 ¹	1997	1998	1999 ¹	1997	1998	1999 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AZ	190	200	200	8.20	8.00	7.90	1,558	1,600	1,580
AR	25	25	20	2.80	2.60	2.50	70	65	50
CA	950	1,050	1,030	7.20	6.60	6.80	6,840	6,930	7,004
CO	840	810	900	3.90	4.20	3.80	3,276	3,402	3,420
CT	12	8	11	2.40	2.20	1.70	29	18	19
DE	7	8	7	3.40	3.60	3.90	24	29	27
ID	1,000	1,130	1,150	4.10	4.30	4.00	4,100	4,859	4,600
IL	580	600	500	3.90	4.20	4.00	2,262	2,520	2,000
IN	400	400	400	3.80	4.10	3.70	1,520	1,640	1,480
IA	1,200	1,250	1,300	3.50	3.60	3.90	4,200	4,500	5,070
KS	900	1,000	850	4.00	4.60	4.40	3,600	4,600	3,740
KY	250	250	250	3.00	3.50	2.90	750	875	725
ME	10	13	12	2.00	2.50	1.70	20	33	20
MD	55	55	60	3.30	4.10	2.80	182	226	168
MA	17	18	17	2.30	1.80	1.90	39	32	32
MI	900	850	950	3.40	3.30	3.80	3,060	2,805	3,610
MN	1,475	1,550	1,600	3.30	3.60	3.50	4,868	5,580	5,600
MO	450	450	450	2.80	3.25	2.90	1,260	1,463	1,305
MT	1,650	1,700	1,650	2.40	2.20	2.20	3,960	3,740	3,630
NE	1,300	1,400	1,400	3.25	3.75	3.70	4,225	5,250	5,180
NV	260	260	255	4.20	4.60	4.10	1,092	1,196	1,046
NH	8	8	7	2.00	3.00	2.20	16	24	15
NJ	25	30	30	2.90	2.80	2.70	73	84	81
NM	255	270	290	5.20	5.10	5.20	1,326	1,377	1,508
NY	640	600	550	2.60	2.45	2.30	1,664	1,470	1,265
NC	20	20	20	3.00	2.80	3.00	60	56	60
ND	1,750	1,400	1,450	1.50	1.75	2.15	2,625	2,450	3,118
OH	600	550	600	3.60	3.50	3.00	2,160	1,925	1,800
OK	360	350	360	3.80	2.60	3.50	1,368	910	1,260
OR	420	400	420	4.70	4.80	4.40	1,974	1,920	1,848
PA	740	700	700	2.80	2.80	2.40	2,072	1,960	1,680
RI	2	2	1	2.40	3.00	1.80	5	6	2
SD	2,300	2,400	2,400	2.30	2.40	2.80	5,290	5,760	6,720
TN	40	35	30	3.30	3.40	3.10	132	119	93
TX	135	140	130	4.70	4.50	5.50	635	630	715
UT	545	545	540	4.30	4.40	4.40	2,344	2,398	2,376
VT	45	45	45	2.30	2.30	1.70	104	104	77
VA	120	120	120	2.75	2.70	2.50	330	324	300
WA	480	480	470	4.80	5.00	4.90	2,304	2,400	2,303
WV	55	50	50	3.00	3.00	2.10	165	150	105
WI	1,900	1,900	2,100	2.75	2.80	3.10	5,225	5,320	6,510
WY	640	600	660	2.70	2.60	2.70	1,728	1,560	1,782
US	23,551	23,672	23,985	3.33	3.48	3.50	78,535	82,310	83,924

¹ Preliminary.

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

Table 6-4.—Hay, all other: Area, yield, and production, by States, 1997–99

State	Area harvested			Yield per harvested acre			Production		
	1997	1998	1999 ¹	1997	1998	1999 ¹	1997	1998	1999 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AL	770	750	800	2.25	2.10	2.30	1,733	1,575	1,840
AZ	40	40	40	3.70	3.50	4.30	148	140	172
AR	1,200	1,150	1,220	2.00	1.90	1.91	2,400	2,185	2,330
CA	560	580	540	2.80	2.80	2.70	1,568	1,624	1,458
CO	750	600	620	1.95	2.00	1.90	1,463	1,200	1,178
CT	60	55	50	1.80	2.00	1.50	108	110	75
DE	8	8	8	3.00	3.30	2.40	24	26	19
FL	250	230	260	2.60	2.50	2.90	650	575	754
GA	600	650	600	2.60	2.30	2.50	1,560	1,495	1,500
ID	300	300	280	2.10	2.30	1.90	630	690	532
IL	390	350	350	2.30	2.50	2.10	897	875	735
IN	325	350	300	2.50	3.00	2.50	813	1,050	750
IA	450	320	400	2.20	2.60	2.25	990	832	900
KS	1,800	1,900	1,850	1.80	1.80	1.90	3,240	3,420	3,515
KY	1,850	2,100	2,150	2.10	2.30	1.90	3,885	4,830	4,085
LA	395	330	380	2.60	2.20	2.40	1,027	726	912
ME	155	145	150	1.50	1.70	1.40	233	247	210
MD	145	145	150	2.20	2.80	2.40	319	406	360
MA	75	85	90	1.70	2.00	1.50	128	170	135
MI	350	400	350	2.00	1.90	2.30	700	760	805
MN	850	850	850	1.80	1.80	1.80	1,530	1,530	1,530
MS	720	790	850	2.50	2.20	1.90	1,800	1,738	1,615
MO	3,200	3,200	3,200	1.90	1.95	1.85	6,080	6,240	5,920
MT	950	800	950	1.60	1.60	1.50	1,520	1,280	1,425
NE	1,900	1,800	1,800	1.35	1.35	1.35	2,565	2,430	2,430
NV	230	225	225	1.80	1.60	1.80	414	360	405
NH	54	48	55	1.65	1.85	1.70	89	89	94
NJ	95	90	100	2.20	1.70	1.60	209	153	160
NM	90	90	90	1.90	1.90	2.20	171	171	198
NY	890	800	950	2.00	2.05	1.80	1,780	1,640	1,710
NC	630	650	690	2.10	2.20	2.15	1,323	1,430	1,484
ND	1,400	1,200	1,450	1.25	1.45	1.65	1,750	1,740	2,393
OH	650	780	700	2.60	2.50	1.80	1,690	1,950	1,260
OK	2,200	1,900	2,200	1.70	1.30	1.70	3,740	2,470	3,740
OR	615	570	680	2.10	2.55	2.00	1,292	1,454	1,360
PA	1,130	1,150	1,200	1.80	1.70	1.40	2,034	1,955	1,680
RI	6	8	7	1.80	2.00	1.80	11	16	13
SC	300	320	300	2.10	2.00	2.10	630	640	630
SD	1,800	1,600	1,600	1.40	1.50	1.70	2,520	2,400	2,720
TN	1,700	1,750	1,850	2.10	2.20	2.00	3,570	3,850	3,700
TX	4,300	3,900	5,400	2.40	1.60	2.30	10,320	6,240	12,420
UT	170	165	160	2.20	2.30	2.30	374	380	368
VT	220	200	200	1.90	2.00	1.70	418	400	340
VA	1,050	1,140	1,150	1.85	2.00	1.60	1,943	2,280	1,840
WA	300	270	270	2.60	2.80	2.80	780	756	756
WV	520	530	530	1.80	1.90	1.30	936	1,007	689
WI	470	500	500	2.40	2.10	2.00	1,128	1,050	1,000
WY	620	590	630	1.40	1.50	1.60	868	885	1,008
US	37,533	36,404	39,175	1.97	1.91	1.92	74,001	69,470	75,153

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

Table 6-5.—Hay, all: Area, yield, and production, by States, 1997–99

State	Area harvested			Yield per harvested acre			Production		
	1997	1998	1999 ¹	1997	1998	1999 ¹	1997	1998	1999 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AL	770	750	800	2.25	2.10	2.30	1,733	1,575	1,840
AZ	230	240	240	7.42	7.25	7.30	1,706	1,740	1,752
AR	1,225	1,175	1,240	2.02	1.91	1.92	2,470	2,250	2,380
CA	1,510	1,630	1,570	5.57	5.25	5.39	8,408	8,554	8,462
CO	1,590	1,410	1,520	2.98	3.26	3.03	4,739	4,602	4,598
CT	72	63	61	1.90	2.03	1.54	137	128	94
DE	15	16	15	3.20	3.44	3.07	48	55	46
FL	250	230	260	2.60	2.50	2.90	650	575	754
GA	600	650	600	2.60	2.30	2.50	1,560	1,495	1,500
ID	1,300	1,430	1,430	3.64	3.88	3.59	4,730	5,549	5,132
IL	970	950	850	3.26	3.57	3.22	3,159	3,395	2,735
IN	725	750	700	3.22	3.59	3.19	2,333	2,690	2,230
IA	1,650	1,570	1,700	3.15	3.40	3.51	5,190	5,332	5,970
KS	2,700	2,900	2,700	2.53	2.77	2.69	6,840	8,020	7,255
KY	2,100	2,350	2,400	2.21	2.43	2.00	4,635	5,705	4,810
LA	395	330	380	2.60	2.20	2.40	1,027	726	912
ME	165	158	162	1.53	1.77	1.42	253	280	230
MD	200	200	210	2.51	3.16	2.51	501	632	528
MA	92	103	107	1.82	1.96	1.56	167	202	167
MI	1,250	1,250	1,300	3.01	2.85	3.40	3,760	3,565	4,415
MN	2,325	2,400	2,450	2.75	2.96	2.91	6,398	7,110	7,130
MS	720	790	850	2.50	2.20	1.90	1,800	1,738	1,615
MO	3,650	3,650	3,650	2.01	2.11	1.98	7,340	7,703	7,225
MT	2,600	2,500	2,600	2.11	2.01	1.94	5,480	5,020	5,055
NE	3,200	3,200	3,200	2.12	2.40	2.38	6,790	7,680	7,610
NV	490	485	480	3.07	3.21	3.02	1,506	1,556	1,451
NH	62	56	62	1.69	2.02	1.76	105	113	109
NJ	120	120	130	2.35	1.98	1.85	282	237	241
NM	345	360	380	4.34	4.30	4.49	1,497	1,548	1,706
NY	1,530	1,400	1,500	2.25	2.22	1.98	3,444	3,110	2,975
NC	650	670	710	2.13	2.22	2.17	1,383	1,486	1,544
ND	3,150	2,600	2,900	1.39	1.61	1.90	4,375	4,190	5,511
OH	1,250	1,330	1,300	3.08	2.91	2.35	3,850	3,875	3,060
OK	2,560	2,250	2,560	2.00	1.50	1.95	5,108	3,380	5,000
OR	1,035	970	1,100	3.16	3.48	2.92	3,266	3,374	3,208
PA	1,870	1,850	1,900	2.20	2.12	1.77	4,106	3,915	3,360
RI	8	10	8	2.00	2.20	1.88	16	22	15
SC	300	320	300	2.10	2.00	2.10	630	640	630
SD	4,100	4,000	4,000	1.90	2.04	2.36	7,810	8,160	9,440
TN	1,740	1,785	1,880	2.13	2.22	2.02	3,702	3,969	3,793
TX	4,435	4,040	5,530	2.47	1.70	2.38	10,955	6,870	13,135
UT	715	710	700	3.80	3.91	3.92	2,718	2,778	2,744
VT	265	245	245	1.97	2.06	1.70	522	504	417
VA	1,170	1,260	1,270	1.94	2.07	1.69	2,273	2,604	2,140
WA	780	750	740	3.95	4.21	4.13	3,084	3,156	3,059
WV	575	580	580	1.91	1.99	1.37	1,101	1,157	794
WI	2,370	2,400	2,600	2.68	2.65	2.89	6,353	6,370	7,510
WY	1,260	1,190	1,290	2.06	2.05	2.16	2,596	2,445	2,790
US	61,084	60,076	63,160	2.50	2.53	2.52	152,536	151,780	159,077

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 1997, 1998, and 1999

State	Marketing year average price per ton, baled			Value of production		
	1997	1998	1999	1997	1998	1999
	<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	47.00	53.00	55.00	81,451	83,475	101,200
AZ	111.00	89.50	89.00	187,594	154,190	152,386
AR	59.00	61.00	61.00	138,560	126,245	133,400
CA	117.00	96.00	84.00	967,624	789,572	693,326
CO	101.00	92.00	69.50	485,954	430,782	321,043
CT	139.00	134.00	137.00	18,904	17,180	12,845
DE	145.00	118.00	129.00	7,056	6,517	6,106
FL	86.00	114.00	88.50	55,900	65,550	66,729
GA	59.00	71.00	62.00	92,040	106,145	93,000
ID	105.00	83.00	82.00	483,110	452,316	412,922
IL	102.00	85.00	78.50	315,588	283,290	212,203
IN	113.00	88.00	86.00	259,635	226,610	184,930
IA	109.00	83.50	72.50	543,660	432,836	420,795
KS	84.00	72.50	65.50	550,080	555,860	431,603
KY	77.00	86.00	91.50	330,660	450,590	403,455
LA	54.00	57.00	51.00	55,458	41,382	46,512
ME	114.00	113.00	100.00	29,189	31,708	23,080
MD	142.00	119.00	129.00	68,220	74,852	67,248
MA	144.00	140.00	139.00	24,049	28,346	23,203
MI	101.00	86.00	68.00	378,530	306,410	300,793
MN	88.00	67.00	61.00	570,394	482,040	436,905
MS	42.50	42.50	42.50	76,500	73,865	67,830
MO	71.00	68.00	66.50	521,420	529,866	509,985
MT	79.00	72.00	64.50	421,680	353,020	317,565
NE	76.00	48.50	37.00	485,941	363,150	275,815
NV	105.00	102.00	83.00	153,690	156,308	118,931
NH	137.00	144.00	130.00	14,331	16,221	14,218
NJ	120.00	128.00	135.00	33,711	30,318	32,239
NM	124.00	117.00	114.00	184,989	181,827	193,540
NY	94.00	93.00	107.00	326,330	288,830	304,845
NC	84.00	80.00	77.00	115,986	118,596	118,500
ND	60.00	51.00	39.50	246,750	206,125	205,393
OH	135.00	98.00	98.00	499,110	350,075	296,550
OK	78.00	81.00	71.50	332,422	237,120	304,060
OR	117.00	104.00	92.50	361,020	337,698	294,088
PA	138.00	114.00	126.00	577,558	456,170	465,360
RI	146.00	150.00	138.00	2,303	3,298	2,068
SC	85.00	85.00	75.00	53,550	54,400	47,250
SD	77.00	51.00	42.00	570,995	403,200	386,000
TN	56.00	56.00	52.00	207,036	221,585	195,416
TX	72.00	89.00	72.50	715,880	564,990	864,420
UT	84.00	76.00	70.50	223,176	204,216	182,948
VT	131.00	120.00	104.00	68,370	60,560	43,439
VA	83.00	81.50	85.00	187,854	213,468	185,680
WA	115.00	97.00	100.00	361,824	312,588	317,716
WV	55.00	57.00	62.50	63,849	66,089	49,445
WI	91.50	74.00	49.00	584,450	475,860	382,530
WY	85.00	76.00	66.00	215,444	181,395	180,378
US	100.00	84.60	77.00	13,249,825	11,606,734	10,889,893

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

Table 6-7.—Hay: Area and production, by kinds, United States, 1990-99

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>
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	23,672	36,404	60,076	82,310	69,470	151,780
1999 ¹	23,985	39,175	63,160	83,924	75,153	159,077

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, 1990–99¹

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
1990	27.0	146.2	173.2	146.2	73.3	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	76.5	2.19	1.91	84.70
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	151.3	173.2	148.4	74.5	2.34	2.00	87.00
1999 ²	24.8	161.4	186.2	NA	73.2	2.51	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, 1990–99

Kind of seed	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	Price per 100 pounds									
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Alfalfa, uncertified varieties	157.00	174.00	146.00	152.00	161.00	168.00	185.00	185.00	205.00	184.00
Alfalfa, certified varieties	253.00	266.00	252.00	269.00	266.00	274.00	277.00	282.00	288.00	287.00
Clover, red	145.00	134.00	122.00	148.00	148.00	134.00	172.00	184.00	194.00	178.00
Clover, ladino	287.00	290.00	316.00	324.00	321.00	320.00	318.00	307.00	308.00	298.00
Lespedeza, Korean	62.80	67.70	92.40	132.00	84.50	66.00	99.00	90.00	89.00	76.15
Lespedeza, Striate, Kobe	88.40	86.00	99.30	119.00	82.40	95.60	125.00	112.00	108.00	96.00
Lespedeza, Sericea	134.00	101.00	92.80	92.10	169.00	178.00	291.00	220.00	290.00	294.00
Timothy	82.10	66.40	66.30	80.60	76.00	71.00	76.00	73.00	71.20	78.80
Orchardgrass	102.00	101.00	100.00	122.00	161.00	148.00	141.00	119.00	116.00	107.00
Blue Grass, Kentucky: Public and common ...	133.00	109.00	122.00	239.00	211.00	159.00	172.00	153.00	152.00	129.00
Proprietary, including Merion	209.00	196.00	189.00	283.00	274.00	228.00	243.00	224.00	216.00	204.00
Ryegrass, annual	50.50	46.80	43.80	56.70	64.60	67.60	58.80	57.90	65.30	64.20
Tall fescue	85.10	89.00	67.80	87.00	71.50	88.10	109.00	148.00	101.00	99.50
Sudangrass	47.70	48.10	47.10	45.20	47.90	51.80	51.90	51.40	53.70	52.20
Potatoes	11.00	9.70	6.95	8.60	10.20	7.90	10.30	7.60	9.10	8.50
Peanuts	75.70	123.00	77.20	77.30	86.90	79.50	82.00	81.75	83.60	80.90
Sunflower	308.00	314.00	300.00	300.00	297.00	297.00	313.00	355.00	380.00	362.00
Cottonseed	54.30	58.20	59.70	62.70	63.50	68.20	73.00	74.90	79.30	82.40
Grain sorghum, hybrid	69.90	71.20	72.30	74.50	82.10	78.70	84.00	92.00	96.00	97.60
	Price per bushel									
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Corn, hybrid ¹	69.90	70.20	71.80	72.70	73.40	77.10	77.70	83.50	86.90	88.10
Wheat (spring)	6.05	4.72	6.06	5.98	7.37	7.12	8.10	7.30	6.85	6.10
Wheat (winter)	8.01	6.89	7.41	7.73	7.90	7.80	8.50	10.00	8.25	7.35
Oats (spring)	4.19	3.71	4.26	4.39	4.69	4.51	5.19	5.32	5.02	4.60
Rice	15.20	14.40	16.50	15.40	22.00	15.10	17.50	19.00	19.50	19.10
Barley (spring)	5.25	4.55	5.10	5.00	5.18	5.37	6.49	6.13	6.04	5.80
Soybeans for seed	12.50	12.80	12.40	12.40	13.60	13.40	14.80	16.10	17.15	17.00
Flaxseed	11.00	8.80	7.94	7.37	7.74	8.00	8.14	9.31	10.00	8.50

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

Table 6-10.—Beans, dry edible: Area, yield, production, price, and value, United States, 1990–99^{1 2}

Year	Area planted	Area harvested	Yield per 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>
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	457,269
1993	1,867.9	1,618.0	1,351	21,862	24.60	538,210
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 ⁴	2,023.0	1,877.0	1,770	33,230	17.60	587,857

¹Figures include principal producing States only. ²Excludes beans grown for garden seed. ³Cleaned basis. ⁴Preliminary.
 NASS, Crops Branch, (202) 720-2127.

Table 6-11.—Beans, dry edible (cleaned basis): Production, by classes, United States, 1997–99¹

Class	1997	1998	1999 ²	Class	1997	1998	1999 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)	5,524	3,887	7,292	Black	2,122	3,564	3,372
Great northern	2,251	2,173	2,471	Large lima (CA)	718	312	435
Small white	183	60	112	Baby lima (CA)	902	204	675
Pinto	10,920	14,511	10,839	Blackeye	807	653	1,327
Red kidney, light	1,618	1,134	1,379	Garbanzo	392	418	740
Red kidney, dark	992	842	1,044	Other	690	699	1,249
Pink	699	919	817	Total	29,370	30,418	33,230
Small red	892	660	900				
Cranberry	660	382	578				

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

Table 6-12.—Beans, dry edible: Area, yield, and production, by States, 1997–99¹

State	Area planted			Area harvested			Yield per acre (cleaned basis)			Production (cleaned basis)		
	1997	1998	1999 ²	1997	1998	1999 ²	1997	1998	1999 ²	1997	1998	1999 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>
CA	135.0	110.0	135.0	132.0	105.0	132.0	2,270	1,480	1,970	3,000	1,554	2,600
CO	135.0	170.0	155.0	120.0	155.0	145.0	1,900	1,850	1,900	2,280	2,868	2,755
ID	100.0	105.0	105.0	98.0	103.0	103.0	2,200	2,050	2,050	2,156	2,112	2,112
KS	22.0	20.0	22.0	20.0	19.0	20.9	1,900	2,000	1,850	380	380	387
MI	315.0	300.0	350.0	305.0	295.0	350.0	1,620	1,500	2,100	4,941	4,425	7,350
MN	175.0	190.0	205.0	165.0	175.0	165.0	1,550	1,450	1,550	2,558	2,538	2,558
MT	12.2	16.6	26.5	11.7	16.0	25.5	2,200	2,190	1,730	257	350	441
NE	190.0	195.0	210.0	180.0	188.0	187.0	2,060	1,950	2,000	3,708	3,666	3,740
NM	12.0	10.5	1.0	12.0	9.5	1.0	1,700	1,800	1,800	204	171	18
NY	44.0	31.0	31.0	43.5	30.0	30.2	1,560	1,420	1,370	679	426	414
ND	620.0	750.0	630.0	565.0	710.0	570.0	1,260	1,380	1,450	7,119	9,798	8,265
OR	9.0	8.7	11.5	8.9	8.6	10.8	2,040	1,770	1,610	182	152	174
TX	15.0	15.0	50.0	14.0	13.5	47.0	1,020	1,000	1,490	143	135	701
UT	5.8	6.0	6.7	5.2	5.9	6.6	800	510	800	42	30	53
WA ...	38.0	40.0	36.0	38.0	40.0	36.0	2,240	2,230	2,080	850	890	750
WI	9.8	7.3	8.3	9.5	7.2	8.0	1,800	1,600	1,550	171	115	124
WY	32.0	39.0	40.0	31.0	37.0	39.0	2,260	2,180	2,020	700	808	788
US	1,869.8	2,014.1	2,023.0	1,758.8	1,917.7	1,877.0	1,670	1,586	1,770	29,370	30,418	33,230

¹Excludes beans grown for garden seed. ²Preliminary.
 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 1997, 1998, and 1999¹

State	Marketing year average price per cwt.			Value of production		
	1997	1998	1999 ²	1997	1998	1999 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	29.40	36.10	27.70	88,200	56,099	72,020
CO	18.70	15.60	15.70	42,636	44,741	43,254
ID	20.80	17.20	16.50	44,845	36,326	34,848
KS	18.60	14.70	15.90	7,068	5,586	6,153
MI	18.90	21.60	18.50	93,385	95,580	135,975
MN	17.50	19.60	18.10	44,765	49,745	46,300
MT	19.40	15.60	19.20	4,986	5,460	8,467
NE	18.80	18.00	17.10	69,710	65,988	63,954
NM	22.40	23.30	21.00	4,570	3,984	378
NY	20.60	25.30	19.90	13,987	10,778	8,239
ND	16.80	15.50	15.10	119,599	151,869	124,802
OR	19.50	18.60	19.80	3,549	2,827	3,445
TX	18.00	19.40	13.50	2,574	2,619	9,464
UT	20.00	17.50	18.70	840	525	991
WA	21.70	21.00	18.40	18,445	18,690	13,800
WI	22.10	26.90	22.30	3,779	3,094	2,765
WY	19.60	16.50	16.50	13,720	13,332	13,002
US	19.30	19.00	17.60	576,658	567,243	587,857

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

Table 6-14.—Beans, dry edible: Season average wholesale price per 100 pounds, selected markets, 1989-98

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	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>
1989	33.67	43.06	31.15	42.96	40.51	32.95	33.47	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	27.48	25.80	34.29	23.81	21.25	30.02	21.15	24.26
1993	34.65	41.87	42.72	33.18	33.28	33.24	29.33	23.73	27.97
1994	33.80	44.65	40.25	31.04	21.33	37.19	28.19	31.57	32.59
1995	39.66	49.97	29.36	31.26	25.74	38.55	28.87	23.88	22.86
1996	45.58	57.09	32.57	40.07	27.56	26.61	39.31	23.11	27.08
1997	27.51	39.81	31.00	30.94	26.48	27.07	28.16	20.82	33.19
1998 ¹	41.28	46.78	37.50	34.89	20.85	25.82	27.46	26.30	28.57

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, 1989/90–1998/99

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>
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
1998/99	90,871	42,013	1,560	94,969	62,855	81,877	374,145

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 6-16.—Beans, dry edible: United States exports to specified countries, 1996/97–1998/99^{1 2}

Continent and country	1996/97	1997/98	1998/99	Continent and country	1996/97	1997/98	1998/99
	<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	11,420	8,428	34,198	Italy	15,043	21,487	17,765
Dominican Republic	3,910	5,929	16,604	Netherlands	5,261	6,254	5,231
French West Indies	2,217	1,684	1,668	Spain	3,310	3,831	2,501
Mexico	89,306	141,267	73,544	United Kingdom	89,091	87,777	57,730
Panama	1,227	1,057	1,601	Regional ¹ total	134,319	142,771	121,089
Trinidad and Tobago	570	181	493				
Regional ¹ total	125,928	184,522	182,740	Asia, Middle East, and Africa:			
South America:				Israel	499	396	754
Brazil	141	9,171	3,242	Japan	19,349	16,754	13,398
Colombia	3,153	3,682	1,115	Philippines	2,623	1,915	1,524
Venezuela	3,183	5,934	3,094	Algeria	2,436	3,651	8,407
Regional ¹ total	9,146	22,048	9,178	Regional total	72,968	46,020	49,866
Europe:				Oceania:			
Belgium and Luxembourg	1,123	1,689	6,038	Australia	4,758	7,509	3,449
France	9,563	9,350	8,961	Other countries	6,875	5,603	7,823
Germany	1,573	2,111	2,132	Grand total	353,994	438,473	374,145

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

Table 6-17.—Peas, dry field: United States exports to specified countries, 1996/97–1998/99^{1 2 3}

Continent and country	1996/97	1997/98	1998/99	Continent and country	1996/97	1997/98	1998/99
	<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:			
Canada	2,712	5,731	3,789	Iceland	14	5	45
Mexico	2,389	4,226	3,668	Italy	223	1,275	297
Panama	33	156	54	Netherlands	182	51	2,501
Trinidad and Tobago	77	68	63	Norway	195	254	143
Total	7,954	16,074	10,069	Switzerland	141	6	0
				United Kingdom	317	487	2,518
South America:				Spain	750	3,587	3,184
Brazil	2,781	2,750	681	Total	2,367	5,956	10,711
Colombia	910	2,734	1,467	Asia and Middle East:			
Peru	11,604	16,862	15,087	Hong Kong	245	317	498
Venezuela	1,100	2,731	302	Israel	0	141	103
Total	19,143	28,392	21,803	Japan	3,226	2,364	1,141
				Philippines	6,517	12,807	13,226
				India	3,016	5,836	7,201
				Total	16,974	29,326	28,103
				Other countries	18,250	22,278	33,570
				Grand total	64,688	102,026	104,256

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 1997, 1998, and 1999

State	Marketing year average price per pound			Value of production		
	1997	1998	1999 ¹	1997	1998	1999 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	1.41	1.55	1.62	7,733	7,021	7,669
OR	1.68	1.98	2.04	22,801	20,250	20,547
WA	1.60	1.64	1.61	89,306	73,457	79,937
Total	1.60	1.69	1.68	119,840	100,728	108,153

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

Table 6-19.—Hops: Area, yield, and production, by States, 1997–99

State	Area harvested			Yield per acre			Production		
	1997	1998	1999 ¹	1997	1998	1999 ¹	1997	1998	1999 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	3,870	3,909	3,362	1,417	1,159	1,408	5,484.1	4,529.4	4,734.0
OR	8,352	6,161	5,822	1,625	1,660	1,730	13,572.0	10,227.4	10,072.0
WA	31,080	26,573	25,076	1,796	1,686	1,980	55,816.0	44,791.0	49,650.0
US	43,302	36,643	34,260	1,729	1,625	1,881	74,872.1	59,547.8	64,456.0

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

Table 6-20.—Hops: Area, yield, production, value, and Sept. 1 stocks, United States, 1990–99

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>
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	36.6	1,625	59,548	169.0	100,728	55,000
1999 ¹	34.3	1,881	64,456	168.0	108,153	54,000

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, 1996/97–1998/99

Item and country	Year beginning September			Item and country	Year beginning September		
	1996/97	1997/98	1998/99		1996/97	1997/98	1998/99
	<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			
North America:				Peru	106	66	90
Canada	1,649	1,491	1,326	Other Countries	223	288	169
Mexico	682	933	974				
Total	2,331	2,424	2,300	Total	3,712	2,827	2,098
European Union:				Other countries:			
United Kingdom	849	974	1,001	Russian Federation	153	80	141
Germany	1,206	1,446	799	Australia	93	93	127
Belgium-Luxembourg	319	297	310	Hungary	3	0	84
Ireland	213	282	213	Czech Republic	1	0	56
Netherlands	301	135	130	Other Countries	217	188	247
Other Countries	607	374	245	Total	467	361	655
Total	3,495	3,508	2,698	Grand total ...	11,373	10,582	8,776
Asia:				Imports			
Japan	545	409	546	Germany	4,106	3,460	3,806
Philippines	166	105	134	France	624	583	636
Thailand	46	172	125	New Zealand	254	233	139
Hong Kong	252	237	94	Australia	155	85	130
Other Countries	359	539	126	United Kingdom ...	272	240	129
Total	1,368	1,462	1,025	Czech Republic ...	185	123	79
Latin America:				Belgium-Luxembourg	0	0	20
Brazil	2,554	1,193	865	Slovenia	11	41	10
Venezuela	77	299	307	Other Countries ...	185	98	0
Colombia	403	655	268	Total	5,792	4,863	4,949
Dominican Republic	107	153	216				
Argentina	242	173	183				

FAS, Horticultural and Tropical Products Division, (202) 720-3423.