

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, 1988–97

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>
1988	64,771	1.94	125,736	85.20	10,439,974
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	146,799	84.70	10,956,746
1994	58,735	2.55	150,060	86.70	11,113,656
1995	59,629	2.59	154,166	82.20	11,041,844
1996	60,879	2.45	149,457	95.80	12,722,600
1997 ¹	60,815	2.50	152,120	102.50	13,416,721

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

Table 6-2.—Hay, all: Stocks on farms, United States, 1988–97

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>
1988	90,312	17,507	1993	100,953	22,096
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	104,832	17,372
1992	105,290	21,102	1997 ²	102,517	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, 1995–97

State	Area harvested			Yield per harvested acre			Production		
	1995	1996	1997 ¹	1995	1996	1997 ¹	1995	1996	1997 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AZ	165	160	180	7.80	8.00	8.20	1,287	1,280	1,476
AR	25	25	25	2.50	2.40	2.80	63	60	70
CA	940	940	980	6.90	7.00	7.20	6,486	6,580	7,056
CO	850	860	820	3.60	3.50	3.90	3,060	3,010	3,198
CT	15	15	12	2.10	2.50	2.40	32	38	29
DE	4	7	7	3.75	4.60	3.40	15	32	24
ID	1,100	1,000	1,020	4.10	4.20	4.40	4,510	4,200	4,488
IL	620	600	630	4.00	3.60	3.90	2,480	2,160	2,457
IN	320	425	400	4.00	3.20	3.80	1,280	1,360	1,520
IA	1,350	1,200	1,200	3.60	3.60	3.50	4,860	4,320	4,200
KS	850	800	900	3.80	4.30	4.00	3,230	3,440	3,600
KY	300	300	300	3.90	3.60	3.30	1,170	1,080	990
ME	15	10	7	2.00	3.00	1.70	30	30	12
MD	55	60	40	4.30	4.70	3.60	237	282	144
MA	20	15	16	2.40	2.00	2.50	48	30	40
MI	1,050	950	900	4.10	3.60	3.40	4,305	3,420	3,060
MN	1,425	1,475	1,475	3.50	3.10	3.30	4,988	4,573	4,868
MO	450	480	480	2.80	2.75	2.80	1,260	1,320	1,344
MT	1,600	1,700	1,650	2.50	2.10	2.40	4,000	3,570	3,960
NE	1,350	1,400	1,300	3.60	3.70	3.25	4,860	5,180	4,225
NV	240	240	240	4.50	4.50	4.50	1,080	1,080	1,080
NH	13	12	8	2.10	1.95	1.90	27	23	15
NJ	30	25	25	3.50	3.50	2.90	105	88	73
NM	250	255	265	5.30	5.40	5.70	1,325	1,377	1,511
NY	650	640	640	2.60	2.70	2.60	1,690	1,728	1,664
NC	20	15	15	3.10	2.80	3.00	62	42	45
ND	1,400	1,700	1,750	2.20	1.85	1.40	3,080	3,145	2,450
OH	700	700	600	3.80	3.00	3.60	2,660	2,100	2,160
OK	380	390	390	3.80	3.50	3.80	1,444	1,365	1,482
OR	450	460	430	4.30	4.40	4.70	1,935	2,024	2,021
PA	780	750	740	2.90	3.10	2.80	2,262	2,325	2,072
RI	2	2	3	2.00	2.90	1.70	4	6	5
SD	2,600	2,500	2,300	2.50	2.20	2.30	6,500	5,500	5,290
TN	50	40	40	3.60	3.40	3.30	180	136	132
TX	160	150	100	3.60	4.50	4.70	576	675	470
UT	545	545	545	4.30	4.00	4.30	2,344	2,180	2,344
VT	95	65	50	2.10	2.10	2.30	200	137	115
VA	140	130	130	3.30	3.60	2.80	462	468	364
WA	500	490	480	5.10	4.70	5.00	2,550	2,303	2,400
WV	40	40	40	3.00	2.80	3.00	120	112	120
WI	2,300	2,100	1,900	2.60	2.50	2.60	5,980	5,250	4,940
WY	640	620	640	2.70	2.40	2.70	1,728	1,488	1,728
US	24,489	24,291	23,673	3.45	3.27	3.35	84,515	79,517	79,242

¹ Preliminary.

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

Table 6-4.—Hay, all other: Area, yield, and production, by States, 1995–97

State	Area harvested			Yield per harvested acre			Production		
	1995	1996	1997 ¹	1995	1996	1997 ¹	1995	1996	1997 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AL	720	730	750	2.10	2.40	2.10	1,512	1,752	1,575
AZ	30	19	40	3.50	3.50	4.10	105	67	164
AR	1,025	1,125	1,150	1.90	2.00	2.00	1,948	2,250	2,300
CA	530	510	520	3.50	2.80	3.00	1,855	1,428	1,560
CO	510	580	610	1.80	1.80	1.95	918	1,044	1,190
CT	58	65	60	1.90	1.90	1.40	110	124	84
DE	7	8	8	2.30	4.00	3.00	16	32	24
FL	230	240	230	2.50	2.60	2.60	575	624	598
GA	600	600	600	2.50	2.80	2.60	1,500	1,680	1,560
ID	300	280	300	1.90	2.00	2.20	570	560	660
IL	430	400	390	2.60	2.20	2.30	1,118	880	897
IN	400	300	325	2.80	2.20	2.50	1,120	660	813
IA	350	450	450	2.30	2.20	2.20	805	990	990
KS	1,750	1,700	1,800	1.90	2.10	1.80	3,325	3,570	3,240
KY	2,100	2,100	2,000	2.20	2.20	2.30	4,620	4,620	4,600
LA	310	310	320	2.40	2.70	2.60	744	837	832
ME	210	175	155	1.85	1.75	1.70	389	306	264
MD	150	160	150	2.10	2.60	2.20	315	416	330
MA	80	80	85	1.80	2.00	1.50	144	160	128
MI	300	350	350	2.40	2.20	2.00	720	770	700
MN	850	750	900	2.30	1.90	1.80	1,955	1,425	1,620
MS	725	800	720	2.30	2.50	2.50	1,668	2,000	1,800
MO	2,850	3,200	3,000	1.95	1.75	1.95	5,558	5,600	5,850
MT	800	900	950	1.70	1.50	1.60	1,360	1,350	1,520
NE	1,800	1,750	1,900	1.30	1.30	1.20	2,340	2,275	2,280
NV	250	250	250	1.70	1.70	1.70	425	425	425
NH	55	55	45	2.00	1.70	1.65	110	94	74
NJ	100	95	95	1.80	1.90	2.20	180	181	209
NM	100	100	90	1.90	2.00	1.90	190	200	171
NY	950	870	860	1.85	2.00	2.00	1,758	1,740	1,720
NC	510	525	515	2.40	2.10	2.20	1,224	1,103	1,133
ND	1,300	1,200	1,400	1.55	1.40	1.20	2,015	1,680	1,680
OH	550	500	650	2.50	2.60	2.60	1,375	1,300	1,690
OK	1,820	2,300	2,100	1.50	1.60	1.70	2,730	3,680	3,570
OR	650	610	615	2.10	2.00	2.20	1,365	1,220	1,353
PA	1,130	1,130	1,130	1.90	2.00	1.50	2,147	2,260	1,695
RI	5	6	4	2.00	2.50	2.20	10	15	9
SC	300	280	300	2.40	2.00	2.00	720	560	600
SD	1,700	1,800	2,000	1.50	1.50	1.40	2,550	2,700	2,800
TN	1,700	1,750	1,700	2.20	2.10	2.10	3,740	3,675	3,570
TX	3,600	4,200	4,300	2.10	1.70	2.40	7,560	7,140	10,320
UT	150	160	155	2.00	2.10	2.20	300	336	341
VT	205	185	220	1.75	2.00	1.90	359	370	418
VA	1,110	1,150	1,110	1.90	2.20	1.70	2,109	2,530	1,887
WA	260	310	300	2.80	2.70	2.90	728	837	870
WV	520	530	520	1.80	1.80	1.80	936	954	936
WI	400	400	400	2.10	2.00	2.40	840	800	960
WY	660	600	620	1.50	1.20	1.40	990	720	868
US	35,140	36,588	37,142	1.98	1.91	1.96	69,651	69,940	72,878

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

Table 6-5.—Hay, all: Area, yield, and production, by States, 1995–97

State	Area harvested			Yield per harvested acre			Production		
	1995	1996	1997 ¹	1995	1996	1997 ¹	1995	1996	1997 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AL	720	730	750	2.10	2.40	2.10	1,512	1,752	1,575
AZ	195	179	220	7.14	7.53	7.45	1,392	1,347	1,640
AR	1,050	1,150	1,175	1.92	2.01	2.02	2,011	2,310	2,370
CA	1,470	1,450	1,500	5.67	5.52	5.74	8,341	8,008	8,616
CO	1,360	1,440	1,430	2.93	2.82	3.07	3,978	4,054	4,388
CT	73	80	72	1.95	2.03	1.57	142	162	113
DE	11	15	15	2.82	4.27	3.20	31	64	48
FL	230	240	230	2.50	2.60	2.60	575	624	598
GA	600	600	600	2.50	2.80	2.60	1,500	1,680	1,560
ID	1,400	1,280	1,320	3.63	3.72	3.90	5,080	4,760	5,148
IL	1,050	1,000	1,020	3.43	3.04	3.29	3,598	3,040	3,354
IN	720	725	725	3.33	2.79	3.22	2,400	2,020	2,333
IA	1,700	1,650	1,650	3.33	3.22	3.15	5,665	5,310	5,190
KS	2,600	2,500	2,700	2.52	2.80	2.53	6,555	7,010	6,840
KY	2,400	2,400	2,300	2.41	2.38	2.43	5,790	5,700	5,590
LA	310	310	320	2.40	2.70	2.60	744	837	832
ME	225	185	162	1.86	1.82	1.70	419	336	276
MD	205	220	190	2.69	3.17	2.49	552	698	474
MA	100	95	101	1.92	2.00	1.66	192	190	168
MI	1,350	1,300	1,250	3.72	3.22	3.01	5,025	4,190	3,760
MN	2,275	2,225	2,375	3.05	2.70	2.73	6,943	5,998	6,488
MS	725	800	720	2.30	2.50	2.50	1,668	2,000	1,800
MO	3,300	3,680	3,480	2.07	1.88	2.07	6,818	6,920	7,194
MT	2,400	2,600	2,600	2.23	1.89	2.11	5,360	4,920	5,480
NE	3,150	3,150	3,200	2.29	2.37	2.03	7,200	7,455	6,505
NV	490	490	490	3.07	3.07	3.07	1,505	1,505	1,505
NH	68	67	53	2.01	1.75	1.68	137	117	89
NJ	130	120	120	2.19	2.24	2.35	285	269	282
NM	350	355	355	4.33	4.44	4.74	1,515	1,577	1,682
NY	1,600	1,510	1,500	2.16	2.30	2.26	3,448	3,468	3,384
NC	530	540	530	2.43	2.12	2.22	1,286	1,145	1,178
ND	2,700	2,900	3,150	1.89	1.66	1.31	5,095	4,825	4,130
OH	1,250	1,200	1,250	3.23	2.83	3.08	4,035	3,400	3,850
OK	2,200	2,690	2,490	1.90	1.88	2.03	4,174	5,045	5,052
OR	1,100	1,070	1,045	3.00	3.03	3.23	3,300	3,244	3,374
PA	1,910	1,880	1,870	2.31	2.44	2.01	4,409	4,585	3,767
RI	7	8	7	2.00	2.63	2.00	14	21	14
SC	300	280	300	2.40	2.00	2.00	720	560	600
SD	4,300	4,300	4,300	2.10	1.91	1.88	9,050	8,200	8,090
TN	1,750	1,790	1,740	2.24	2.13	2.13	3,920	3,811	3,702
TX	3,760	4,350	4,400	2.16	1.80	2.45	8,136	7,815	10,790
UT	695	705	700	3.80	3.57	3.84	2,644	2,516	2,685
VT	300	250	270	1.86	2.03	1.97	559	507	533
VA	1,250	1,280	1,240	2.06	2.34	1.82	2,571	2,998	2,251
WA	760	800	780	4.31	3.93	4.19	3,278	3,140	3,270
WV	560	570	560	1.89	1.87	1.89	1,056	1,066	1,056
WI	2,700	2,500	2,300	2.53	2.42	2.57	6,820	6,050	5,900
WY	1,300	1,220	1,260	2.09	1.81	2.06	2,718	2,208	2,596
US	59,629	60,879	60,815	2.59	2.45	2.50	154,166	149,457	152,120

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 1995, 1996, and 1997

State	Marketing year average price per ton, baled			Value of production		
	1995	1996	1997	1995	1996	1997
	<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	50.00	49.00	47.00	75,600	85,848	74,025
AZ	78.50	94.00	111.00	109,496	126,592	181,384
AR	61.50	64.00	61.00	115,359	131,550	133,230
CA	98.50	108.00	123.00	780,299	840,896	1,037,220
CO	88.50	98.00	103.00	348,840	390,906	453,526
CT	120.00	124.00	131.00	17,066	20,314	14,795
DE	106.00	122.00	146.00	3,268	7,872	7,008
FL	83.00	84.00	90.00	47,725	52,416	53,820
GA	65.00	62.50	59.00	97,500	105,000	92,040
ID	87.00	96.00	107.00	434,785	450,240	540,012
IL	82.00	108.00	103.00	287,190	322,800	340,256
IN	76.00	129.00	114.00	178,160	261,800	258,928
IA	81.00	106.00	110.00	457,763	538,335	558,240
KS	75.00	83.00	85.50	436,573	543,695	553,500
KY	69.00	83.00	73.00	398,790	442,350	393,720
LA	46.00	55.00	54.00	34,224	46,035	44,928
ME	84.00	86.00	95.00	35,138	29,310	26,016
MD	106.00	119.00	140.00	58,593	83,104	64,662
MA	116.00	118.00	134.00	22,320	22,320	22,792
MI	66.00	106.00	102.00	331,995	442,895	378,530
MN	72.50	81.00	91.50	494,497	526,646	600,208
MS	51.00	54.00	43.00	85,068	108,000	77,400
MO	67.00	69.50	70.50	460,999	483,320	511,251
MT	66.00	80.00	81.00	346,840	379,620	431,880
NE	59.00	66.50	77.50	407,700	470,033	473,660
NV	96.00	99.50	104.00	141,735	144,585	151,880
NH	110.00	114.00	126.00	15,060	13,399	11,175
NJ	119.00	119.00	119.00	33,855	31,873	33,001
NM	114.00	128.00	123.00	171,275	197,333	206,888
NY	85.50	87.00	89.50	285,436	301,566	307,160
NC	72.00	83.00	84.00	92,810	94,467	98,531
ND	43.00	52.00	61.50	209,240	240,068	238,525
OH	78.00	132.00	143.00	330,940	455,750	528,785
OK	73.50	93.50	85.50	277,064	383,295	367,149
OR	99.50	104.00	116.00	303,615	313,336	362,920
PA	94.50	124.00	134.00	431,085	551,175	520,416
RI	129.00	131.00	130.00	1,800	2,763	1,913
SC	64.00	82.50	85.00	46,080	46,200	51,000
SD	57.50	77.50	83.50	507,300	617,300	632,430
TN	44.00	45.00	56.00	172,560	172,169	207,036
TX	72.00	98.00	81.00	517,212	687,795	703,290
UT	66.00	72.00	85.50	169,554	173,674	222,236
VT	85.00	98.00	121.00	47,443	49,562	63,261
VA	86.50	78.00	83.00	221,850	232,375	187,590
WA	97.00	115.00	119.00	328,878	371,347	394,980
WV	64.50	58.50	50.00	67,488	61,986	53,088
WI	61.50	84.00	89.00	414,020	503,325	533,690
WY	71.50	76.50	85.50	189,756	165,360	216,746
US	82.20	95.80	102.50	11,041,844	12,722,600	13,416,721

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

Table 6-7.—Hay: Area and production, by kinds, United States, 1988-97

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>
1988	26,751	38,020	64,771	69,306	56,430	125,736
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	24,723	34,956	59,679	80,305	66,494	146,799
1994	24,198	34,537	58,735	81,336	68,724	150,060
1995	24,489	35,140	59,629	84,515	69,651	154,166
1996	24,291	36,588	60,879	79,517	69,940	149,457
1997 ¹	23,673	37,142	60,815	79,242	72,878	152,120

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, 1988–97¹

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
1988	27.1	126.0	153.1	135.6	74.5	2.06	1.82	85.20
1989	17.5	145.5	163.0	136.0	73.7	2.21	1.85	85.40
1990	27.0	146.8	173.9	146.9	73.5	2.37	2.00	80.60
1991	27.0	153.3	180.3	152.1	74.7	2.41	2.04	71.20
1992	28.2	146.9	175.1	154.1	75.2	2.33	2.05	74.30
1993	21.0	146.8	167.8	145.7	76.3	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	174.9	154.2	77.9	2.25	1.98	82.20
1996	20.7	149.5	170.2	152.8	75.9	2.24	2.01	93.00
1997 ²	17.4	153.9	171.3	NA	73.4	2.33	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, 1988–97

Kind of seed	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
	Price per 100 pounds									
	<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>	<i>Dollars</i>
Alfalfa, uncertified varieties	181.00	180.00	157.00	174.00	146.00	152.00	161.00	168.00	185.00	185.00
Alfalfa, certified varieties	245.00	249.00	253.00	266.00	252.00	269.00	266.00	274.00	277.00	282.00
Red clover	143.00	162.00	145.00	134.00	122.00	148.00	148.00	134.00	172.00	184.00
Ladino clover	300.00	294.00	287.00	290.00	316.00	324.00	321.00	320.00	318.00	307.00
Lespedeza, Korean	67.50	67.30	62.80	67.70	92.40	132.00	84.50	66.00	99.00	90.00
Lespedeza, Striate, Kobe	83.50	82.60	88.40	86.00	99.30	119.00	82.40	95.60	125.00	112.00
Lespedeza, Sericea	275.00	167.00	134.00	101.00	92.80	92.10	169.00	178.00	291.00	220.00
Timothy	132.00	132.00	82.10	66.40	66.30	80.60	76.00	71.00	76.00	73.00
Orchardgrass	116.00	117.00	102.00	101.00	100.00	122.00	161.00	148.00	141.00	119.00
Blue Grass, Kentucky: Public and common ...	244.00	225.00	133.00	109.00	122.00	239.00	211.00	159.00	172.00	153.00
Proprietary, including Merion	283.00	275.00	209.00	196.00	189.00	283.00	274.00	228.00	243.00	224.00
Ryegrass, annual	47.90	54.30	50.50	46.80	43.80	56.70	64.60	67.60	58.80	57.90
Tall fescue	71.80	111.00	85.10	89.00	67.80	87.00	71.50	88.10	109.00	148.00
Sudangrass	42.00	45.30	47.70	48.10	47.10	45.20	47.90	51.80	51.90	51.40
Potatoes	7.12	10.60	11.00	9.70	6.95	8.60	10.20	7.90	10.30	7.60
Peanuts	74.20	74.30	75.70	123.00	77.20	77.30	86.90	79.50	82.00	81.75
Sunflower	266.00	277.00	308.00	314.00	300.00	300.00	297.00	297.00	313.00	355.00
Cottonseed	47.70	50.10	54.30	58.20	59.70	62.70	63.50	68.20	73.00	74.90
Grain sorghums, hybrid ...	65.70	69.50	69.90	71.20	72.30	74.50	82.10	78.70	84.00	92.00
	Price per bushel									
	<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>	<i>Dollars</i>
Corn, hybrid ¹	64.20	71.40	69.90	70.20	71.80	72.70	73.40	77.10	77.70	83.50
Wheat (spring)	5.89	6.71	6.05	4.72	6.06	5.98	7.37	7.12	8.10	7.30
Wheat (winter)	7.55	8.01	6.89	7.41	7.73	7.90	7.80	8.50	10.00
Oats (spring)	4.37	5.89	4.19	3.71	4.26	4.39	4.69	4.51	5.19	5.32
Rice	(2)	(2)	15.20	14.40	16.50	15.40	22.00	15.10	17.50	19.00
Barley (spring)	4.58	5.91	5.25	4.55	5.10	5.00	5.18	5.37	6.49	6.13
Soybeans for seed	11.90	14.70	12.50	12.80	12.40	12.40	13.60	13.40	14.80	16.10
Flaxseed	6.61	11.40	11.00	8.80	7.94	7.37	7.74	8.00	8.14	9.31

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, 1988–97^{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>
1988	1,485.4	1,353.0	1,423	19,253	29.90	575,148
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	1,871.9	1,622.0	1,351	21,913	24.60	539,531
1994	2,015.8	1,835.2	1,582	29,028	22.50	632,461
1995	2,069.3	1,899.3	1,622	30,812	20.80	636,133
1996	1,843.0	1,752.7	1,595	27,960	23.50	653,134
1997	1,851.8	1,720.2	1,695	29,156	17.70	586,452

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, 1995–97¹

Class	1995	1996	1997 ²	Class	1995	1996	1997 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>
Peas (navy)	7,319	6,001	5,487	Black	2,305	1,350	2,100
Great northern	2,176	2,252	2,267	Large lima (CA)	415	394	698
Small white	163	113	185	Baby lima (CA)	510	517	914
Pinto	11,349	12,162	10,827	Blackeye	1,091	567	802
Red kidney, light	1,316	1,039	1,569	Garbanzo	473	504	381
Red kidney, dark	925	1,056	972	Other	798	569	694
Pink	652	528	699	Total	30,812	27,960	29,156
Small red	745	405	900				
Cranberry	575	503	661				

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, 1995–97¹

State	Area planted			Area harvested			Yield per harvested acre (cleaned basis)			Production (cleaned basis)		
	1995	1996	1997	1995	1996	1997	1995	1996	1997	1995	1996	1997
	<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	145.0	128.0	135.0	137.0	123.0	132.0	2,000	1,890	2,250	2,740	2,325	2,970
CO	190.0	145.0	135.0	165.0	125.0	120.0	1,550	1,800	1,900	2,558	2,250	2,280
ID	110.0	95.0	105.0	108.0	93.0	103.0	2,000	2,050	2,150	2,160	1,907	2,215
KS	34.0	28.0	22.0	31.0	24.0	20.0	1,550	1,850	1,900	481	444	380
MI	390.0	340.0	315.0	385.0	320.0	305.0	1,800	1,450	1,650	6,930	4,640	5,033
MN	190.0	160.0	170.0	150.0	155.0	155.0	1,370	1,560	1,550	2,055	2,418	2,403
MT	11.0	10.5	12.2	10.8	10.3	11.7	1,900	2,280	2,200	205	235	257
NE	225.0	205.0	190.0	205.0	195.0	180.0	1,750	1,900	2,060	3,588	3,705	3,708
NM	12.5	12.0	12.0	12.5	12.0	12.0	2,010	2,200	1,700	251	264	204
NY	34.0	30.0	40.0	33.0	29.0	39.5	1,630	1,300	1,560	538	377	617
ND	600.0	580.0	600.0	540.0	570.0	530.0	1,330	1,320	1,300	7,182	7,524	6,890
OR	10.2	9.2	11.0	10.0	8.8	10.9	2,080	1,800	2,060	208	158	224
TX	25.0	13.0	15.0	23.0	10.0	14.0	980	840	1,020	225	84	143
UT	7.3	5.0	5.8	7.0	0.6	5.6	460	1,600	700	32	10	39
WA	41.0	37.0	38.0	41.0	35.0	38.0	2,200	2,030	2,240	902	710	850
WI	9.3	8.3	8.8	9.0	8.0	8.5	1,300	1,800	1,800	117	144	153
WY	35.0	37.0	37.0	32.0	34.0	35.0	2,000	2,250	2,260	640	765	790
US	2,069.3	1,843.0	1,851.8	1,899.3	1,752.7	1,720.2	1,622	1,595	1,695	30,812	27,960	29,156

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 1995, 1996, and 1997¹

State	Marketing year average price per cwt.			Value of production		
	1995	1996	1997	1995	1996	1997
	<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	34.80	38.50	29.60	95,352	89,513	87,912
CO	18.50	22.50	19.20	47,323	50,625	43,776
ID	20.90	24.00	20.30	45,144	45,768	44,965
KS	18.80	26.50	17.00	9,043	11,766	6,460
MI	19.40	21.70	20.80	134,442	100,688	104,686
MN	18.90	23.00	17.50	38,840	55,614	42,053
MT	16.10	24.50	18.50	3,301	5,758	4,755
NE	22.00	21.50	18.60	78,936	79,658	68,969
NM	25.00	23.50	22.40	6,275	6,204	4,570
NY	18.10	27.00	19.50	9,738	10,179	12,032
ND	16.90	20.30	18.00	121,376	152,737	124,020
OR	23.40	23.20	16.70	4,867	3,666	3,741
TX	15.20	25.00	18.00	3,420	2,100	2,574
UT	19.00	24.00	17.50	608	240	683
WA	23.00	24.40	21.70	20,746	17,324	18,445
WI	27.50	31.00	22.10	3,218	4,464	3,381
WY	21.10	22.00	17.00	13,504	16,830	13,430
US	20.80	23.50	17.70	636,133	653,134	586,452

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, 1987-96

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: Pea bean (Navy)
	Baby lima	Large lima	Blackeye	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>
1987	38.75	41.16	25.46	26.18	20.22	23.07	22.68	20.93
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
1990	37.61	45.98	31.73	27.01	21.19	21.94	31.16	20.41
1991	21.83	38.93	23.68	31.08	17.91	18.93	25.62	17.71
1992	22.70	26.65	25.80	24.29	23.81	21.25	30.02	21.15
1993	34.65	41.87	42.72	33.18	33.28	33.15	29.33	23.73
1994	33.81	44.67	40.18	31.09	21.32	37.18	28.19	31.63
1995	39.60	50.00	28.75	31.20	25.78	38.38	28.95	23.90
1996 ¹	45.50	56.95	32.55	40.35	27.60	26.55	39.10	23.25

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, 1994/95–1996/97^{1 2}

Continent and country	1994/95	1995/96	1996/97	Continent and country	1994/95	1995/96	1996/97
	<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	5,978	7,388	11,407	Italy	18,425	16,872	15,043
Dominican Republic	3,650	4,283	3,910	Netherlands	15,210	7,338	5,266
French West Indies	1,661	1,425	2,217	Spain	6,731	5,167	3,329
Mexico	29,656	74,346	89,163	United Kingdom	69,280	70,037	84,110
Panama	603	606	1,227	Regional ¹ total	147,967	127,219	120,007
Trinidad and Tobago	993	541	590				
Regional ¹ total	68,545	108,078	108,514	Asia, Middle East, and Africa:			
South America:				Israel	1,748	1,146	499
Brazil	5,653	1,987	141	Japan	23,714	19,472	19,368
Colombia	3,102	867	3,153	Philippines	1,632	18,990	2,623
Venezuela	9,196	2,018	3,183	Algeria	23,420	9,956	2,436
Regional ¹ total	20,383	5,869	6,477	Regional total	157,724	69,854	24,926
Europe:				Oceania:			
Belgium and Luxembourg	6,397	4,551	1,123	Australia	3,678	3,770	4,777
France	15,559	15,867	9,563	Other countries	52,814	14,362	89,224
Germany	3,527	1,558	1,573	Grand total	418,794	329,152	353,925

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, 1987/88–1996/97

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>
1987/88	80,928	68,832	3,206	82,969	28,283	66,250	340,582
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

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, 1994/95–1996/97^{1 2 3}

Continent and country	1994/95	1995/96	1996/97	Continent and country	1994/95	1995/96	1996/97
	<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	2,453	3,379	2,690	Italy	1,060	736	223
Mexico	2,934	4,891	2,389	Netherlands	131	24	182
Panama	248	4	33	Norway	328	285	195
Trinidad and Tobago	835	158	77	Switzerland	8	60	141
Total	29,670	14,518	5,189	United Kingdom	405	682	317
				Spain	1,733	1,585	750
South America:				Total	6,333	4,529	1,822
Brazil	2,467	4,328	2,781	Asia and Middle East:			
Colombia	3,196	2,979	910	Hong Kong	360	758	245
Peru	11,611	15,793	11,604	Israel	342	20	0
Venezuela	784	1,053	1,100	Japan	2,944	2,960	3,226
Total	18,948	25,320	16,395	Philippines	8,312	9,991	6,519
				India	3,554	5,901	3,016
Europe:				Total	21,719	27,077	13,006
Belgium and Luxembourg	150	41	0	Other countries	16,983	46,957	28,064
Iceland	173	175	14	Grand total	93,653	118,401	64,476

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 1995, 1996, and 1997

State	Marketing year average price per pound			Value of production		
	1995	1996	1997 ¹	1995	1996	1997 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	1.61	1.49	1.49	9,610	8,338	8,171
OR	1.90	1.81	1.63	26,187	21,239	22,122
WA	1.68	1.63	1.57	99,290	93,953	87,631
Total	1.71	1.65	1.58	135,087	123,530	117,924

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

Table 6-19.—Hops: Area, yield, and production, by States, 1995–97

State	Area harvested			Yield per acre			Production		
	1995	1996	1997 ¹	1995	1996	1997 ¹	1995	1996	1997 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	3,927	3,997	3,870	1,520	1,400	1,417	5,969.0	5,596.0	5,484.1
OR	8,641	8,486	8,352	1,595	1,383	1,625	13,782.4	11,734.5	13,572.0
WA	30,621	31,678	31,080	1,930	1,820	1,796	59,101.0	57,640.0	55,816.0
US	43,189	44,161	43,302	1,826	1,698	1,729	78,852.4	74,970.5	74,872.1

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

Table 6-20.—Hops: Area, yield, production, value, and Sept. 1 stocks, United States, 1988–97

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>
1988	33.4	1,638	54,696	140.0	76,415	60,000
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 ¹	43.3	1,729	74,872	158.0	117,924	62,000

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, 1994/95–1996/97

Item and country	Year beginning September			Item and country	Year beginning September		
	1994/95	1995/96	1996/97		1994/95	1995/96	1996/97
	<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:				Russia	117		153
Belgium/Luxembourg	344	313	319	Bulgaria	98		15
France	2,151	80	386	Thailand	135		45
Germany	2,151	2,264	1,206	Philippines	173		166
Ireland	142	164	213	Korea	188		131
Italy			12	Hong Kong	220		219
Netherlands		276	301	Australia	75		93
United Kingdom	1,074	1,098	849	Nigeria	1		20
Spain			107	South Africa	14		0
Other countries ..	432	173		Dominican Rep.			107
Total	4,143	4,368	3,393	Taiwan			163
Latin America:				Total	1,957	2,942	3,305
Argentina	115	99	237	Other countries	1,301	389	353
Bolivia		43	49	Grand total	13,849	12,190	11,324
Brazil	3,456	2,493	2,521				
Chile	45	44	37	IMPORTS			
Colombia	945	401	403	Argentina			46
Ecuador		87	3	Australia	129	149	155
El Salvador			16	Canada	243	107	83
Guatemala	20	43	20	Czech Republic	851	132	185
Mexico	985	944	682	France	534	610	624
Paraguay			106	Germany	3,458	4,239	4,106
Peru	171	118	106	Poland	109	107	44
Uruguay	20		16	Slovenia		32	
Venezuela	37	106	77	United Kingdom	209	274	272
Other countries ..	493	113		Yugoslavia	8		
Total	6,287	4,491	4,273	China	19	19	0
Other countries:				New Zealand		227	254
Canada	1,462	1,453	1,649	Other countries	198	2	23
Japan	641	483	544	Total	5,758	5,898	5,792

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