

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, and production, by State and United States, 2013–2015

State	Area harvested			Yield per harvested acre			Production		
	2013	2014	2015	2013	2014	2015	2013	2014	2015
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Alabama	790	750	730	2.70	2.80	2.80	2,133	2,100	2,044
Arizona	285	300	335	7.65	8.03	7.99	2,179	2,410	2,678
Arkansas	1,335	1,225	1,125	2.10	2.01	2.00	2,810	2,458	2,254
California	1,370	1,345	1,180	5.58	5.59	5.74	7,646	7,513	6,777
Colorado	1,310	1,340	1,450	2.25	2.66	2.96	2,941	3,566	4,295
Connecticut	47	53	53	2.26	1.92	1.89	106	102	100
Delaware	18	13	14	3.28	2.62	3.14	59	34	44
Florida	300	320	290	2.20	2.60	2.80	660	832	812
Georgia	580	580	570	2.70	2.60	2.50	1,566	1,508	1,425
Idaho	1,480	1,390	1,330	3.36	3.51	3.65	4,976	4,881	4,860
Illinois	660	520	490	3.07	3.38	3.13	2,024	1,755	1,533
Indiana	640	600	560	2.80	3.25	2.96	1,792	1,950	1,656
Iowa	1,170	1,155	1,160	2.89	3.18	3.40	3,377	3,675	3,939
Kansas	2,750	2,300	2,450	2.38	2.17	2.40	6,545	5,000	5,890
Kentucky	2,400	2,265	2,370	2.29	2.10	2.40	5,500	4,761	5,689
Louisiana	400	470	430	2.20	2.70	2.50	880	1,289	1,075
Maine	135	150	135	1.46	1.55	2.02	197	233	273
Maryland	225	195	215	2.33	2.65	2.47	524	517	532
Massachusetts	84	75	92	2.12	1.72	1.73	178	129	159
Michigan	940	980	970	2.68	2.62	2.68	2,518	2,570	2,604
Minnesota	1,900	1,910	1,570	2.05	2.35	2.53	3,895	4,486	3,979
Mississippi	720	600	680	2.50	2.60	2.30	1,800	1,560	1,564
Missouri	4,030	3,480	2,960	1.97	2.04	2.16	7,921	7,100	6,398
Montana	2,800	2,730	2,500	1.95	1.97	1.87	5,460	5,381	4,680
Nebraska	2,500	2,580	2,700	1.97	2.34	2.36	4,935	6,028	6,360
Nevada	345	430	320	3.37	3.29	3.44	1,161	1,416	1,100
New Hampshire	50	54	48	2.50	1.74	2.04	125	94	98
New Jersey	97	106	102	2.42	2.46	1.76	235	261	180
New Mexico	230	305	280	4.18	3.93	3.90	962	1,198	1,091
New York	1,430	1,370	1,230	2.05	1.97	1.99	2,930	2,698	2,449
North Carolina	858	830	777	2.41	2.40	2.40	2,064	1,996	1,868
North Dakota	2,620	2,700	2,750	1.94	2.02	1.81	5,090	5,460	4,975
Ohio	1,000	960	1,080	2.50	2.82	2.34	2,495	2,710	2,532
Oklahoma	3,130	3,590	3,020	1.59	1.71	1.96	4,971	6,121	5,914
Oregon	1,020	1,030	1,060	3.14	3.08	2.90	3,204	3,172	3,072
Pennsylvania	1,260	1,400	1,290	2.32	2.28	2.33	2,918	3,185	3,010
Rhode Island	8	7	6	1.88	1.71	2.33	15	12	14
South Carolina	290	270	300	2.20	2.30	2.00	638	621	600
South Dakota	3,050	3,250	3,400	1.94	2.05	1.94	5,905	6,665	6,580
Tennessee	1,915	1,766	1,765	2.31	2.20	2.21	4,427	3,893	3,901
Texas	5,640	5,440	4,730	1.57	2.16	2.05	8,880	11,746	9,720
Utah	725	680	670	3.77	3.52	3.67	2,730	2,396	2,459
Vermont	180	185	145	1.72	1.68	1.94	310	311	281
Virginia	1,240	1,175	1,175	2.49	2.28	2.25	3,084	2,675	2,645
Washington	760	870	750	4.24	3.72	3.61	3,223	3,234	2,856
West Virginia	590	618	590	1.97	1.83	1.75	1,165	1,132	1,035
Wisconsin	1,600	1,640	1,510	2.35	2.97	2.70	3,760	4,866	4,073
Wyoming	990	1,060	1,080	2.11	2.12	2.14	2,088	2,243	2,315
United States	57,897	57,062	54,437	2.33	2.45	2.47	135,002	139,923	134,388

NASS, Crops Branch, (202) 720–2127.

Table 6-2.—Hay, all: Area, yield, production, and value, United States, 2006–2015

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>
2006	60,632	2.32	140,783	110.00	13,633,837
2007	61,006	2.41	146,901	127.00	16,842,233
2008	60,152	2.43	146,270	152.00	18,638,748
2009	59,775	2.47	147,700	108.00	14,715,559
2010	59,574	2.43	145,000	114.00	14,606,696
2011	55,204	2.35	129,880	178.00	18,085,074
2012	54,653	2.14	117,072	191.00	18,613,183
2013	57,897	2.33	135,002	176.00	19,814,822
2014	57,062	2.45	139,923	172.00	19,099,238
2015	54,437	2.47	134,388	151.00	16,839,538

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

Table 6-3.—Alfalfa and alfalfa mixtures for hay: Area, yield, and production, by State and United States, 2013–2015

State	Area harvested			Yield per harvested acre			Production		
	2013	2014	2015	2013	2014	2015	2013	2014	2015
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
Arizona	250	260	300	8.10	8.50	8.40	2,025	2,210	2,520
Arkansas	5	5	5	3.30	3.60	2.70	17	18	14
California	830	825	790	7.00	6.90	6.90	5,810	5,693	5,451
Colorado	650	740	700	2.90	3.40	4.10	1,885	2,516	2,870
Connecticut	7	8	7	2.00	2.00	1.80	14	16	13
Delaware	6	4	4	3.50	2.70	2.70	21	11	11
Idaho	1,120	1,090	1,000	3.80	3.90	4.20	4,256	4,251	4,200
Illinois	340	270	230	3.60	4.00	3.50	1,224	1,080	805
Indiana	280	240	230	3.70	4.00	3.90	1,036	960	897
Iowa	730	810	770	3.30	3.60	3.90	2,409	2,916	3,003
Kansas	550	600	650	3.50	3.80	3.80	1,925	2,280	2,470
Kentucky	200	165	170	3.30	3.40	3.70	660	561	629
Maine	10	10	10	2.20	2.30	2.30	22	23	23
Maryland	30	35	35	3.80	3.80	4.40	114	133	154
Massachusetts	9	10	9	3.10	1.80	2.00	28	18	18
Michigan	610	640	660	3.10	2.90	3.10	1,891	1,856	2,046
Minnesota	950	1,100	1,050	2.60	2.90	2.70	2,470	3,190	2,835
Missouri	330	280	260	2.70	2.50	2.80	891	700	728
Montana	1,800	1,850	1,700	2.20	2.10	2.00	3,960	3,885	3,400
Nebraska	700	830	850	3.45	4.10	4.00	2,415	3,403	3,400
Nevada	210	280	200	4.50	4.20	4.30	945	1,176	860
New Hampshire	5	4	3	1.60	2.30	2.50	8	9	8
New Jersey	17	14	12	3.00	3.50	3.00	51	49	36
New Mexico	145	210	190	5.40	4.80	4.70	783	1,008	893
New York	350	290	280	2.20	2.60	2.30	770	754	644
North Carolina	8	10	7	3.00	2.80	2.80	24	28	20
North Dakota	1,620	1,650	1,500	2.00	2.10	1.90	3,240	3,465	2,850
Ohio	330	310	330	3.50	3.50	2.90	1,155	1,085	957
Oklahoma	230	290	220	2.70	2.90	2.70	621	841	594
Oregon	400	350	370	4.60	4.40	4.20	1,840	1,540	1,554
Pennsylvania	340	350	430	2.90	2.80	2.60	986	980	1,118
Rhode Island	1	1	1	2.00	2.50	2.00	2	3	2
South Dakota	1,800	1,900	1,900	2.10	2.30	2.20	3,780	4,370	4,180
Tennessee	15	16	15	3.80	2.70	3.40	57	43	51
Texas	140	140	130	4.50	4.40	4.00	630	616	520
Utah	550	520	510	4.20	3.90	4.10	2,310	2,028	2,091
Vermont	35	35	35	1.80	1.60	3.00	63	56	105
Virginia	90	75	75	3.60	3.40	3.00	324	255	225
Washington	410	420	390	5.30	4.70	5.20	2,173	1,974	2,028
West Virginia	20	18	20	4.10	2.90	3.30	82	52	66
Wisconsin	1,100	1,250	1,200	2.60	3.30	2.80	2,860	4,125	3,360
Wyoming	450	490	530	3.20	2.60	2.50	1,440	1,274	1,325
United States	17,673	18,395	17,778	3.24	3.34	3.32	57,217	61,451	58,974

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

Table 6-4.—Hay, all other: Area, yield, and production, by State and United States, 2013–2015

State	Area harvested			Yield per harvested acre			Production		
	2013	2014	2015	2013	2014	2015	2013	2014	2015
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Alabama ¹	790	750	730	2.70	2.80	2.80	2,133	2,100	2,044
Arizona	35	40	35	4.40	5.00	4.50	154	200	158
Arkansas	1,330	1,220	1,120	2.10	2.00	2.00	2,793	2,440	2,240
California	540	520	390	3.40	3.50	3.40	1,836	1,820	1,326
Colorado	660	600	750	1.60	1.75	1.90	1,056	1,050	1,425
Connecticut	40	45	46	2.30	1.90	1.90	92	86	87
Delaware	12	9	10	3.20	2.50	3.30	38	23	33
Florida ¹	300	320	290	2.20	2.60	2.80	660	832	812
Georgia ¹	580	580	570	2.70	2.60	2.50	1,566	1,508	1,425
Idaho	360	300	330	2.00	2.10	2.00	720	630	660
Illinois	320	250	260	2.50	2.70	2.80	800	675	728
Indiana	360	360	330	2.10	2.75	2.30	756	990	759
Iowa	440	345	390	2.20	2.20	2.40	968	759	936
Kansas	2,200	1,700	1,800	2.10	1.60	1.90	4,620	2,720	3,420
Kentucky	2,200	2,100	2,200	2.20	2.00	2.30	4,840	4,200	5,060
Louisiana ¹	400	470	430	2.20	2.70	2.50	880	1,269	1,075
Maine	125	140	125	1.40	1.50	2.00	175	210	250
Maryland	195	160	180	2.10	2.40	2.10	410	384	378
Massachusetts	75	65	83	2.00	1.70	1.70	150	111	141
Michigan	330	340	310	1.90	2.10	1.80	627	714	558
Minnesota	950	810	520	1.50	1.60	2.20	1,425	1,296	1,144
Mississippi ¹	720	600	680	2.50	2.60	2.30	1,800	1,560	1,564
Missouri	3,700	3,200	2,700	1.90	2.00	2.10	7,030	6,400	5,670
Montana	1,000	880	800	1.50	1.70	1.60	1,500	1,496	1,280
Nebraska	1,800	1,750	1,850	1.40	1.50	1.60	2,520	2,625	2,960
Nevada	135	150	120	1.60	1.60	2.00	216	240	240
New Hampshire	45	50	45	2.60	1.70	2.00	117	85	90
New Jersey	80	92	90	2.30	2.30	1.60	184	212	144
New Mexico	85	95	90	2.10	2.00	2.20	179	190	198
New York	1,080	1,080	950	2.00	1.80	1.90	2,160	1,944	1,805
North Carolina	850	820	770	2.40	2.40	2.40	2,040	1,968	1,848
North Dakota	1,000	1,050	1,250	1.85	1.90	1.70	1,850	1,995	2,125
Ohio	670	650	750	2.00	2.50	2.10	1,340	1,625	1,575
Oklahoma	2,900	3,300	2,800	1.50	1.60	1.90	4,350	5,280	5,320
Oregon	620	680	690	2.20	2.40	2.20	1,364	1,632	1,518
Pennsylvania	920	1,050	860	2.10	2.10	2.20	1,932	2,205	1,892
Rhode Island	7	6	5	1.90	1.50	2.30	13	9	12
South Carolina ¹	290	270	300	2.20	2.30	2.00	638	621	600
South Dakota	1,250	1,350	1,500	1.70	1.70	1.60	2,125	2,295	2,400
Tennessee	1,900	1,750	1,750	2.30	2.20	2.20	4,370	3,850	3,850
Texas	5,500	5,300	4,600	1.50	2.10	2.00	8,250	11,130	9,200
Utah	175	160	160	2.40	2.30	2.30	420	368	368
Vermont	145	150	110	1.70	1.70	1.60	247	255	176
Virginia	1,150	1,100	1,100	2.40	2.20	2.20	2,760	2,420	2,420
Washington	350	450	360	3.00	2.80	2.30	1,050	1,260	828
West Virginia	570	600	570	1.90	1.80	1.70	1,083	1,080	969
Wisconsin	500	390	310	1.80	1.90	2.30	900	741	713
Wyoming	540	570	550	1.20	1.70	1.80	648	969	990
United States	40,224	38,667	36,659	1.93	2.03	2.06	77,785	78,472	75,414

¹ Alfalfa and alfalfa mixtures included in all other hay.
NASS, Crops Branch, (202) 720–2127.

Table 6-5.—Hay, all: Stocks on farms, United States, 2006–2015

Crop year	Dec. 1		May 1 ¹	
	1,000 tons		1,000 tons	
2006			96,400	14,990
2007			104,089	21,585
2008			103,658	22,065
2009			107,222	20,931
2010			101,667	22,217
2011			89,723	21,381
2012			75,175	14,156
2013			89,304	19,176
2014			92,052	24,517
2015			94,993	25,140

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

Table 6-6.—Hay, all: Marketing year average price and value of production, by State and United States, 2013–2015

State	Marketing year average price per ton, baled			Value of production		
	2013	2014	2015	2013	2014	2015
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Alabama	88.00	106.00	118.00	187,704	222,600	241,192
Arizona	201.00	218.00	161.00	437,979	524,580	434,792
Arkansas	128.00	116.00	115.00	360,904	284,200	258,020
California	199.00	232.00	176.00	1,521,832	1,710,872	1,198,053
Colorado	236.00	206.00	182.00	687,513	731,862	781,690
Connecticut	235.00	208.00	221.00	24,940	21,248	22,085
Delaware	179.00	177.00	174.00	10,533	6,028	7,634
Florida	167.00	152.00	160.00	110,220	126,464	129,920
Georgia	75.00	90.00	90.00	117,450	135,720	128,250
Idaho	191.00	198.00	174.00	943,808	961,080	836,640
Illinois	166.00	156.00	142.00	328,368	265,140	204,435
Indiana	178.00	141.00	152.00	305,508	283,800	252,816
Iowa	176.00	133.00	111.00	599,445	489,333	441,597
Kansas	164.00	152.00	109.00	893,200	653,720	574,370
Kentucky	121.00	120.00	134.00	609,840	508,395	680,457
Louisiana	93.00	100.00	121.00	81,840	126,900	130,075
Maine	172.00	113.00	124.00	33,938	26,233	33,833
Maryland	181.00	175.00	173.00	94,686	90,698	92,176
Massachusetts	200.00	171.00	195.00	35,674	22,005	31,020
Michigan	165.00	151.00	155.00	433,823	404,056	417,570
Minnesota	171.00	122.00	89.00	668,705	550,480	376,611
Mississippi	66.00	71.00	74.00	118,800	110,760	115,736
Missouri	118.00	91.50	92.00	862,088	612,500	564,487
Montana	138.00	126.00	126.00	741,360	668,427	585,400
Nebraska	148.00	96.50	86.00	698,775	569,453	539,620
Nevada	207.00	240.00	171.00	240,543	336,216	196,220
New Hampshire	172.00	153.00	167.00	21,559	14,374	16,408
New Jersey	133.00	191.00	167.00	31,225	49,807	29,988
New Mexico	242.00	248.00	203.00	231,930	295,272	219,707
New York	157.00	162.00	175.00	494,810	467,318	434,752
North Carolina	110.00	114.00	126.00	227,184	228,208	235,360
North Dakota	103.00	81.50	81.00	481,270	410,235	366,538
Ohio	171.00	139.00	150.00	426,410	375,125	365,487
Oklahoma	106.00	98.50	118.00	536,208	621,205	510,904
Oregon	200.00	219.00	198.00	636,360	685,680	604,062
Pennsylvania	184.00	208.00	226.00	541,096	669,585	686,882
Rhode Island	214.00	163.00	160.00	3,215	1,950	2,242
South Carolina	110.00	104.00	118.00	70,180	64,584	70,800
South Dakota	143.00	111.00	104.00	819,405	722,430	665,040
Tennessee	95.50	99.50	113.00	422,807	386,545	442,675
Texas	120.00	100.00	104.00	884,820	973,308	769,080
Utah	182.00	188.00	164.00	484,260	437,936	391,868
Vermont	140.00	130.00	165.00	43,450	40,463	46,320
Virginia	128.00	138.00	158.00	393,732	370,315	418,635
Washington	209.00	217.00	181.00	675,050	702,702	517,476
West Virginia	120.00	117.00	130.00	139,551	132,948	134,655
Wisconsin	192.00	143.00	91.00	722,680	697,716	377,305
Wyoming	184.00	141.00	115.00	378,144	308,762	258,655
United States	176.00	172.00	151.00	19,814,822	19,099,238	16,839,538

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

Table 6-7.—Hay: Area and production, by type, United States, 2006–2015

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>
2006	21,138	39,494	60,632	70,548	70,235	140,783
2007	21,126	39,880	61,006	69,880	77,021	146,901
2008	21,060	39,092	60,152	70,180	76,090	146,270
2009	21,247	38,528	59,775	71,072	76,628	147,700
2010	19,968	39,606	59,574	67,977	77,023	145,000
2011	19,044	36,160	55,204	64,815	65,065	129,880
2012	16,795	37,858	54,653	50,600	66,472	117,072
2013	17,673	40,224	57,897	57,217	77,785	135,002
2014	18,395	38,667	57,062	61,451	78,472	139,923
2015	17,778	36,659	54,437	58,974	75,414	134,388

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

Forage production is the sum of all dry hay production and haylage/greenchop production after converting the haylage/greenchop production to a dry equivalent basis (13 percent moisture) by multiplying the green weight (weight at harvest) by 0.4943. The conversion factor (0.4943) is based on the assumption that one ton of dry hay is 0.87 ton of dry matter, one ton of haylage is 0.45 ton dry matter and one ton of greenchop is 0.25 ton dry matter. The total haylage/greenchop production is assumed to be comprised of 90 percent haylage and 10 percent greenchop. Therefore, the conversion factor used to adjust haylage/greenchop production to a dry equivalent basis = $((0.45*0.9)+(0.25*0.1))/0.87 = 0.4943$. The factors assumed here may vary by State and can be adjusted. Adjustments would result in a slightly different conversion factor.

Table 6-8.—All forage: Area harvested, yield, and production, by State and 18 State total, 2013–2015 ¹

State	Area harvested			Yield		
	2013	2014	2015	2013	2014	2015
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons
California	1,565	1,530	1,375	5.98	5.89	5.87
Idaho	1,520	1,460	1,400	3.62	3.78	3.88
Illinois	680	540	510	3.12	3.54	3.29
Iowa	1,220	1,220	1,240	3.07	3.39	3.52
Kansas	2,780	2,420	2,540	2.41	2.24	2.48
Michigan	1,180	1,210	1,210	3.02	3.07	3.17
Minnesota	2,165	2,210	1,890	2.25	2.56	2.81
Missouri	4,085	3,540	3,040	2.00	2.07	2.19
Nebraska	2,530	2,610	2,720	2.00	2.37	2.38
New Mexico	244	330	305	4.16	4.00	4.00
New York	2,020	1,830	1,720	2.47	2.58	2.53
Ohio	1,050	1,030	1,180	2.70	2.96	2.56
Pennsylvania	1,540	1,720	1,620	2.79	2.65	2.71
South Dakota	3,085	3,280	3,450	1.98	2.09	1.98
Texas	5,744	5,545	4,836	1.63	2.20	2.14
Vermont	310	290	270	2.73	2.59	3.17
Washington	805	930	840	4.44	3.88	4.08
Wisconsin	2,650	2,700	2,600	2.65	3.54	3.45
18 State Total	35,173	34,395	32,746	2.53	2.78	2.79

State	Production		
	2013	2014	2015
	1,000 tons	1,000 tons	1,000 tons
California	9,362	9,008	8,070
Idaho	5,496	5,524	5,429
Illinois	2,120	1,909	1,680
Iowa	3,747	4,135	4,370
Kansas	6,710	5,413	6,293
Michigan	3,568	3,719	3,835
Minnesota	4,882	5,657	5,309
Missouri	8,158	7,319	6,651
Nebraska	5,062	6,192	6,483
New Mexico	1,014	1,320	1,220
New York	4,998	4,728	4,346
Ohio	2,838	3,044	3,018
Pennsylvania	4,294	4,562	4,393
South Dakota	6,093	6,859	6,835
Texas	9,345	12,178	10,334
Vermont	847	751	856
Washington	3,573	3,609	3,427
Wisconsin	7,022	9,570	8,967
18 State Total	89,129	95,497	91,516

¹All forage production is the sum of the following dry equivalents: alfalfa hay harvested as dry hay, all other hay harvested as dry hay, alfalfa haylage and greenchop, all other hay haylage and greenchop; after converting alfalfa and all other haylage and greenchop to a dry equivalent basis.
 NASS, Crops Branch, (202) 720-2127.

Table 6-9.—All alfalfa forage: Area harvested, yield, and production, by State and 18 State total, 2013–2015 ¹

State	Area harvested			Yield		
	2013	2014	2015	2013	2014	2015
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons
California	865	850	815	7.09	7.01	6.94
Idaho	1,135	1,120	1,030	4.10	4.20	4.45
Illinois	360	290	250	3.59	4.17	3.76
Iowa	770	860	810	3.56	3.85	4.06
Kansas	560	650	700	3.50	3.72	3.78
Michigan	840	850	890	3.43	3.48	3.62
Minnesota	1,185	1,360	1,350	2.86	3.12	3.04
Missouri	345	290	290	2.80	2.58	2.89
Nebraska	710	850	860	3.48	4.12	4.03
New Mexico	145	215	190	5.50	4.87	4.78
New York	650	500	530	3.16	3.83	3.63
Ohio	360	350	400	3.91	3.71	3.37
Pennsylvania	490	560	660	4.11	3.52	3.27
South Dakota	1,820	1,910	1,930	2.15	2.32	2.23
Texas	144	145	136	4.47	4.41	3.98
Vermont	90	70	60	3.28	3.27	3.73
Washington	425	430	425	5.25	4.80	5.16
Wisconsin	2,000	2,200	2,150	2.88	3.84	3.57
18 State Total	12,894	13,500	13,476	3.54	3.79	3.71
State	Production					
	2013	2014	2015			
	1,000 tons	1,000 tons	1,000 tons			
California	6,136	5,960	5,660			
Idaho	4,658	4,706	4,581			
Illinois	1,294	1,210	939			
Iowa	2,738	3,314	3,292			
Kansas	1,959	2,421	2,648			
Michigan	2,879	2,961	3,220			
Minnesota	3,386	4,249	4,098			
Missouri	965	749	839			
Nebraska	2,474	3,498	3,467			
New Mexico	797	1,048	908			
New York	2,055	1,914	1,925			
Ohio	1,408	1,300	1,347			
Pennsylvania	2,015	1,969	2,160			
South Dakota	3,909	4,431	4,309			
Texas	644	640	541			
Vermont	295	229	224			
Washington	2,232	2,064	2,191			
Wisconsin	5,766	8,455	7,685			
18 State Total	45,610	51,118	50,034			

¹ All alfalfa forage production is the sum of alfalfa harvested as dry hay; and alfalfa haylage and greenchop production after converting it to a dry equivalent basis.
NASS, Crops Branch, (202) 720-2127.

Table 6-10.—All haylage and greenchop: Area harvested, yield, and production, by State and 18 State total, 2013–2015¹

State	Area harvested			Yield		
	2013	2014	2015	2013	2014	2015
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons
California	265	240	235	13.10	12.60	11.13
Idaho	90	120	110	11.68	10.83	10.45
Illinois	49	49	40	3.95	6.38	7.45
Iowa	105	155	135	7.13	6.01	6.47
Kansas	66	165	130	5.06	5.07	6.27
Michigan	295	290	295	7.20	8.02	8.44
Minnesota	331	370	380	6.03	6.40	7.08
Missouri	80	90	125	6.00	4.92	4.10
Nebraska	50	55	55	5.16	6.05	4.51
New Mexico	17	32	33	6.21	7.66	7.91
New York	760	660	650	5.51	6.22	5.91
Ohio	112	133	139	6.20	5.07	7.09
Pennsylvania	465	450	435	5.98	6.19	6.43
South Dakota	55	60	80	6.91	6.55	6.44
Texas	110	157	256	8.54	5.57	4.85
Vermont	165	140	170	6.59	6.36	6.84
Washington	83	103	130	8.53	7.36	8.88
Wisconsin	1,230	1,335	1,430	5.37	7.13	6.92
18 State Total	4,328	4,604	4,828	6.50	6.98	6.95

State	Production		
	2013	2014	2015
	1,000 tons	1,000 tons	1,000 tons
California	3,472	3,025	2,616
Idaho	1,051	1,300	1,150
Illinois	194	313	298
Iowa	749	931	873
Kansas	334	836	815
Michigan	2,123	2,326	2,491
Minnesota	1,996	2,368	2,690
Missouri	480	443	513
Nebraska	258	333	248
New Mexico	106	245	261
New York	4,184	4,106	3,839
Ohio	694	674	985
Pennsylvania	2,783	2,785	2,799
South Dakota	380	393	515
Texas	940	874	1,242
Vermont	1,087	890	1,163
Washington	708	758	1,154
Wisconsin	6,600	9,516	9,902
18 State Total	28,139	32,116	33,554

¹ Includes all types of forage harvested as haylage or greenchop (green weight). Forage harvested as dry hay and corn and sorghum silage/greenchop are not included.
 NASS, Crops Branch, (202) 720-2127.

Table 6-11.—Alfalfa haylage and greenchop: Area harvested, yield, and production, by State and 18 State total, 2013–2015¹

State	Area harvested			Yield		
	2013	2014	2015	2013	2014	2015
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons
California	75	65	65	8.80	8.30	6.50
Idaho	65	80	70	12.50	11.50	11.00
Illinois	38	40	34	3.70	6.60	8.00
Iowa	90	130	90	7.40	6.20	6.50
Kansas	16	65	60	4.30	4.40	6.00
Michigan	270	260	270	7.40	8.60	8.80
Minnesota	285	315	350	6.50	6.80	7.30
Missouri	25	20	45	6.00	5.00	5.00
Nebraska	25	35	30	4.80	5.50	4.50
New Mexico	3	10	3	9.50	8.00	10.00
New York	400	340	360	6.50	6.90	7.20
Ohio	80	85	100	6.40	5.10	7.90
Pennsylvania	285	290	285	7.30	6.90	7.40
South Dakota	40	30	50	6.50	4.10	5.20
Texas	4	7	6	7.00	7.00	7.00
Vermont	70	50	40	6.70	7.00	6.00
Washington	23	23	45	5.20	7.90	7.30
Wisconsin	1,050	1,200	1,250	5.60	7.30	7.00
18 State Total	2,844	3,045	3,153	6.49	7.16	7.24
State	Production					
	2013	2014	2015			
	1,000 tons	1,000 tons	1,000 tons			
California	660	540	423			
Idaho	813	920	770			
Illinois	141	264	272			
Iowa	666	806	585			
Kansas	69	286	360			
Michigan	1,998	2,236	2,376			
Minnesota	1,853	2,142	2,555			
Missouri	150	100	225			
Nebraska	120	193	135			
New Mexico	29	80	30			
New York	2,600	2,346	2,592			
Ohio	512	434	790			
Pennsylvania	2,081	2,001	2,109			
South Dakota	260	123	260			
Texas	28	49	42			
Vermont	469	350	240			
Washington	120	182	329			
Wisconsin	5,880	8,760	8,750			
18 State Total	18,449	21,812	22,843			

¹ Includes only alfalfa and alfalfa mixtures that were harvested as haylage or greenchop (green weight). Alfalfa harvested as dry hay is not included.
 NASS, Crops Branch, (202) 720-2127.

Table 6-12.—Hay: Supply and disappearance, prices, and number of animal units fed annually, United States, 2005–2014 ¹

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 tons	Tons	Tons	Dollars
2005	27.8	150.5	178.2	156.9	71.6	2.49	2.19	98.20
2006	21.3	140.8	162.1	147.1	71.8	2.26	2.05	110.00
2007	15.0	146.9	161.9	140.3	71.5	2.26	1.96	127.00
2008	21.6	146.3	167.9	145.8	71.0	2.36	2.05	152.00
2009	22.1	147.7	169.8	148.8	70.5	2.41	2.11	108.00
2010	20.9	145.0	144.3	144.3	69.4	2.40	2.08	114.00
2011	22.2	129.9	132.1	132.1	68.0	2.26	1.94	178.00
2012	21.4	117.1	127.1	127.1	67.6	1.88	1.88	191.00
2013	14.2	135.0	149.2	130.0	66.8	2.23	1.95	176.00
2014	19.2	139.9	159.1	134.6	67.9	2.34	1.98	173.00

¹ Excludes trade.
ERS, Market and Trade Economics Division, (202) 694-5313.

Table 6-13.—Field seeds: Average retail price paid by farmers for seed, Mar. 15, United States, 2005–2014 ¹

Kind of seed	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	Price per 100 pounds									
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Alfalfa:										
Public and common ...	177.00	181.00	201.00	246.00	262.00	273.00	284.00	308.00	316.00	326.00
Proprietary	281.00	286.00	292.00	342.00	379.00	379.00	411.00	442.00	456.00	469.00
Clover, ladino	280.00	306.00	316.00	344.00	394.00	349.00	321.00	337.00	348.00	356.00
Clover, red	174.00	177.00	202.00	241.00	289.00	213.00	200.00	218.00	226.00	231.00
Lespedeza:										
Korean	79.30	87.00	126.00	184.00	127.00	105.00	123.00	248.00	263.00	277.00
Striate, Kobe	83.10	89.50	113.00	263.00	198.00	141.00	128.00	280.00	298.00	317.00
Sericea	220.00	181.00	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Timothy	105.00	106.00	112.00	133.00	149.00	135.00	146.00	191.00	193.00	198.00
Orchardgrass	137.00	158.00	189.00	321.00	329.00	185.00	170.00	187.00	197.00	199.00
Bluegrass, Kentucky:										
Public and common ...	180.00	161.00	175.00	227.00	269.00	224.00	189.00	223.00	230.00	236.00
Proprietary, including										
Merion	235.00	224.00	232.00	251.00	326.00	284.00	259.00	260.00	266.00	270.00
Rye grass, annual	59.30	69.60	71.80	78.80	78.90	70.30	73.40	95.20	99.90	101.00
Tall fescue	100.00	124.00	146.00	158.00	143.00	99.00	102.00	146.00	147.00	150.00
Sudangrass	57.40	50.20	56.70	62.10	72.50	73.60	75.70	100.00	103.00	105.00
Potatoes	9.30	11.80	12.00	13.10	15.60	12.90	14.40	15.90	14.80	15.53
Peanuts	56.40	57.70	60.70	83.10	76.50	75.40	91.00	95.40	74.50	77.60
Sunflower	476.00	520.00	616.00	718.00	749.00	729.00	897.00	931.00	940.00	948.00
Cottonseed, all	309.00	356.00	408.00	455.00	521.00	570.00	684.00	702.00	735.00	734.00
Biotech ²	390.00	443.00	500.00	525.00	609.00	648.00	702.00	754.00	739.00	789.00
Non-biotech	110.00	118.00	97.10	88.50	113.00	130.00	242.00	249.00	323.00	331.00
Grain sorghum, hybrid ..	114.00	116.00	120.00	142.00	161.00	165.00	162.00	203.00	207.00	212.00
Rice	20.80	27.30	30.20	33.50	48.60	48.90	49.80	50.60	60.30	68.10
	Price per bushel									
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Corn, hybrid, all ³	111.00	118.00	133.00	165.00	217.00	229.00	237.00	258.00	274.00	283.00
Biotech ^{2,3}	131.00	137.00	154.00	184.00	235.00	247.00	249.00	268.00	285.00	293.00
Non-biotech ³	93.40	95.10	100.00	115.00	139.00	152.00	163.00	182.00	197.00	197.00
Wheat, spring	7.30	7.60	8.40	20.50	11.80	10.00	14.20	15.20	15.60	16.20
Wheat, winter	9.06	9.32	10.60	14.80	16.00	13.70	15.40	17.50	18.00	18.40
Oats, spring	5.54	5.83	6.81	8.19	8.19	7.78	8.34	10.30	10.50	10.70
Barley, spring	6.72	6.58	7.18	10.10	9.78	8.52	10.30	13.10	13.90	13.90
Soybeans for seed, all ..	27.60	28.90	34.80	38.80	48.30	51.90	49.70	54.90	57.80	58.40
Biotech ²	34.60	34.10	36.70	40.00	49.60	53.50	51.00	55.90	59.10	59.80
Non-biotech	19.10	21.10	20.50	26.30	33.70	33.90	33.50	38.80	40.50	40.70
Flaxseed	14.40	8.80	9.73	19.80	13.80	13.80	19.10	17.50	19.00	19.50

¹ Beginning in 2009 program changed from April 15 to March 15. ² Biotech varieties are made to be resistant to herbicides, insects, or both. A technology fee is included within the price. ³ Price per 80,000 kernels. ⁴ Estimate discontinued in 2007.

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

Table 6-14.—Beans, dry edible (clean basis): Production, by classes, United States, 2013–2015 ¹

Class	2013	2014	2015
	1,000 cwt	1,000 cwt	1,000 cwt
Navy (pea beans)	3,402	4,273	4,559
Great northern	1,515	2,385	915
Small white	(²)	42	115
Pinto	8,486	9,889	9,551
Red kidney, light	845	1,165	1,224
Red kidney, dark	838	1,161	1,574
Pink	476	366	340
Small red	548	708	1,106
Cranberry	53	91	147
Black	2,545	3,835	5,595
Large lima (CA)	189	190	257
Baby lima (CA)	178	299	223
Blackeye	639	476	565
Small chickpeas (Garbanzo)	813	903	908
Large chickpeas (Garbanzo)	2,746	1,903	1,615
Chickpeas, all (Garbanzo)	3,559	2,806	2,523
Other	1,303	1,224	1,427
Total	24,576	28,910	30,121

¹ Excludes beans grown for garden seed. ² Data are included in "Other" class to avoid disclosing data for individual operations.

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

Table 6-15.—Beans, dry edible: Area, yield, and production, by State and United States, 2013–2015 ¹

State	Area planted			Area harvested		
	2013	2014	2015	2013	2014	2015
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
Arizona	10.0	11.0	9.1	10.0	10.9	9.1
California	50.0	48.0	45.0	49.5	47.5	44.5
Colorado	39.0	46.0	50.0	36.0	44.0	46.5
Idaho	125.0	125.0	120.0	124.0	124.0	119.0
Kansas	5.0	7.5	8.0	4.8	6.9	7.8
Michigan	175.0	230.0	275.0	172.0	226.0	272.0
Minnesota	125.0	155.0	190.0	120.0	148.0	182.0
Montana	24.0	37.5	49.0	23.6	37.0	47.3
Nebraska	130.0	170.0	140.0	117.0	156.5	131.0
New Mexico	10.0	10.5	12.9	9.5	10.5	12.9
New York	9.0	8.0	8.0	8.8	7.7	7.8
North Dakota	440.0	630.0	655.0	430.0	615.0	635.0
Oregon	8.3	8.5	9.0	8.2	8.5	9.0
South Dakota	12.0	14.0	12.5	11.5	12.9	11.6
Texas	33.0	23.0	31.0	30.0	21.0	28.0
Washington	120.0	127.7	110.0	119.0	126.7	109.0
Wisconsin	5.4	7.9	7.9	5.4	7.9	7.9
Wyoming	39.0	42.0	32.0	37.0	37.6	31.0
United States	1,359.7	1,701.6	1,764.4	1,316.3	1,648.6	1,711.4
State	Yield per acre (clean basis)			Production (clean basis)		
	2013	2014	2015	2013	2014	2015
	Pounds	Pounds	Pounds	1,000 cwt	1,000 cwt	1,000 cwt
Arizona	1,680	1,940	2,070	168	211	188
California	2,320	2,230	2,310	1,150	1,061	1,029
Colorado	1,500	1,900	1,820	540	835	846
Idaho	1,900	1,800	1,800	2,356	2,229	2,141
Kansas	1,790	1,710	2,500	86	118	195
Michigan	1,900	1,940	2,030	3,270	4,375	5,533
Minnesota	1,950	1,950	2,140	2,340	2,886	3,896
Montana	1,920	1,630	1,340	453	603	634
Nebraska	2,350	2,500	2,380	2,750	3,916	3,117
New Mexico	2,040	1,900	2,050	194	200	264
New York	1,820	1,490	1,510	160	115	118
North Dakota	1,650	1,430	1,400	7,095	8,795	8,901
Oregon	2,260	2,250	2,300	185	191	207
South Dakota	2,000	1,880	1,770	230	243	205
Texas	1,220	1,220	1,400	366	256	392
Washington	1,820	1,480	1,450	2,165	1,881	1,582
Wisconsin	1,810	2,480	2,030	98	196	160
Wyoming	2,620	2,130	2,300	970	799	713
United States	1,867	1,754	1,760	24,576	28,910	30,121

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

Table 6-16.—Beans, dry edible: Area, yield, production, price, and value, United States, 2006–2015¹

Year	Area planted	Area harvested	Yield per acre ²	Production ²	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>
2006	1,622.8	1,531.6	1,577	24,155	22.10	554,154
2007	1,527.4	1,479.2	1,730	25,586	28.80	748,680
2008	1,495.0	1,445.2	1,768	25,558	34.60	910,200
2009	1,540.0	1,464.0	1,737	25,427	30.00	790,250
2010	1,911.4	1,842.7	1,726	31,801	28.00	899,258
2011	1,217.9	1,167.9	1,703	19,890	42.10	851,131
2012	1,742.5	1,690.4	1,889	31,925	38.00	1,235,255
2013	1,359.7	1,316.3	1,867	24,576	39.10	982,385
2014	1,701.6	1,648.6	1,754	28,910	32.30	980,622
2015	1,764.4	1,711.4	1,760	30,121	28.70	883,276

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

Table 6-17.—Beans, dry edible (clean basis): Marketing year average price and value of production, by State and United States, 2013–2015¹

State	Marketing year average price per cwt.			Value of production		
	2013	2014	2015	2013	2014	2015
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Arizona	42.20	58.10	51.50	7,090	12,259	9,682
California	56.80	63.50	73.40	65,320	67,374	75,529
Colorado	39.70	25.90	30.20	21,438	21,627	25,549
Idaho	34.30	33.00	32.70	80,811	73,557	70,011
Kansas	36.90	(D)	20.00	3,173	(D)	3,900
Michigan	43.10	35.30	28.90	140,937	154,438	159,904
Minnesota	50.30	43.10	31.80	117,702	124,387	123,893
Montana	30.10	20.80	35.10	13,635	12,542	22,253
Nebraska	43.80	30.70	20.00	120,450	120,221	62,340
New Mexico	60.00	60.00	29.00	11,640	12,000	7,656
New York	48.70	(D)	32.40	7,792	(D)	3,823
North Dakota	35.30	28.20	23.90	250,454	248,019	212,734
Oregon	38.30	40.10	35.50	7,086	7,659	7,349
South Dakota	36.00	33.20	21.10	8,280	8,068	4,326
Texas	46.00	46.00	32.60	16,836	11,776	12,779
Washington	33.10	32.40	31.80	71,662	60,944	50,308
Wisconsin	55.00	54.00	58.00	5,390	10,584	9,280
Wyoming	33.70	33.50	30.80	32,689	26,767	21,960
Other States	(NA)	36.10	(NA)	(NA)	8,400	(NA)
United States	39.10	32.30	28.70	982,385	980,622	883,276

(D) Withheld to avoid disclosing data for individual operations. (NA) Not Available. ¹ Excludes beans grown for garden seed.
NASS, Crops Branch, (202) 720-2127.

Table 6-18.—Beans, dry edible: Season average wholesale (dealer) price per 100 pounds, selected markets, 2005/2006–2014/2015

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
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
2005/2006	38.28	47.62	44.26	23.47	24.32	27.33	24.44	29.54	27.74
2006/2007	47.25	66.26	47.38	29.52	31.61	30.95	29.07	30.94	35.33
2007/2008	42.39	65.64	41.51	38.66	47.65	44.52	44.48	43.47	53.71
2008/2009	58.87	73.39	51.97	40.85	54.00	52.71	36.63	46.70	57.67
2009/2010	43.98	71.59	45.12	39.45	41.57	43.32	40.37	46.04	43.56
2010/2011	40.13	59.53	42.47	36.08	41.81	47.74	41.94	43.05	48.25
2011/2012	57.88	60.50	(NA)	62.72	54.75	61.25	58.61	52.09	69.30
2012/2013	(NA)	60.00	54.75	45.54	53.96	53.36	45.57	46.36	63.32
2013/2014	(NA)	(NA)	(NA)	45.65	(NA)	52.13	55.25	52.50	68.88
2014/2015	56.50	(NA)	70.00	32.59	48.60	55.20	38.71	45.45	64.85

(NA) Not available.
ERS, Specialty Crops Branch, (202) 694-5253. Compiled from the Bean Market Summary, Agricultural Marketing Service, U.S. Department of Agriculture, Greeley, Colorado.

Table 6-19.—Beans, dry edible: United States exports to specified countries, 2010–2012¹

Country	2010	2011	2012
	Metric tons	Metric tons	Metric tons
Mexico	134,205.1	110,246.7	214,730.2
Canada	40,737.0	48,625.7	49,751.0
United Kingdom	44,718.0	35,440.9	48,622.7
Taiwan	35,089.6	39,271.9	31,076.8
Dominican Republic	28,585.9	34,208.4	29,179.8
Italy(*)	9,464.5	19,094.4	14,031.6
Japan	16,035.5	14,083.7	12,322.0
France(*)	6,836.9	5,652.8	10,042.1
New Zealand(*)	328.2	8,104.8	9,034.0
Yemen(*)	2,130.0	205.3	6,100.3
Guatemala	8,364.1	6,902.4	5,765.7
Angola	7,975.9	7,969.5	5,382.2
Australia(*)	3,216.2	3,712.3	4,506.8
Haiti	16,919.4	4,366.4	3,846.6
Belgium-Luxembourg(*)	4,865.8	2,258.5	3,560.6
Mozambique	0.0	0.0	2,912.0
Jamaica	1,667.7	2,971.5	2,774.4
Algeria	2,322.6	1,642.6	2,739.1
Turkey	4,554.0	125.7	2,550.1
Malaysia	1,447.6	2,368.4	2,526.3
Russia	124.5	478.5	2,170.3
Netherlands	2,328.5	827.2	2,035.7
Malawi	1,248.1	948.2	1,865.9
French West Indies(*)	1,799.5	1,988.2	1,605.5
Cote d'Ivoire	0.0	0.0	1,520.0
Africa, not elsewhere specified(*)	1,867.6	1,482.3	1,414.2
Korea, South	2,315.2	1,443.3	1,399.6
Hong Kong	758.4	904.4	1,137.9
South Africa	162.2	97.5	1,067.4
Spain	1,855.6	556.2	992.7
Rest of World	30,389.1	31,549.6	12,360.8
World Total	412,312.4	387,527.2	489,024.3

(*) Denotes a country that is a summarization of its component countries. ¹ Excluding seed bean exports.
FAS, Office of Global Analysis, (202) 720-6301. Compiled from U.S. Census data.

Table 6-20.—Chickpeas & lentils, dried: United States exports by class and quantity, 2010–2012¹

Country	2010	2011	2012
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Dried chickpeas:			
Spain	14,846.60	15,304.00	19,137.00
India	6,596.40	6,350.60	8,457.60
Turkey	968.00	1,282.50	7,391.70
Canada	3,695.10	7,502.20	4,484.30
Pakistan	2,213.80	3,180.70	3,664.00
Portugal	0.00	362.00	3,447.70
Italy(*)	3,237.50	6,896.10	2,895.60
Peru	1,035.40	2,085.10	2,882.60
Algeria	1,857.60	1,703.10	2,617.70
Lebanon	1,545.90	1,842.00	2,144.50
Israel(*)	433.00	792.40	2,022.10
Japan	242.90	1,126.80	1,697.10
New Zealand(*)	351.10	697.90	1,635.00
Philippines	252.20	438.50	1,610.70
United Arab Emirates	105.30	180.30	1,034.50
United Kingdom	513.30	172.90	843.50
Malaysia	217.40	221.30	808.90
France(*)	0.00	0.00	717.90
Colombia	1,178.90	3,410.90	635.80
Belgium-Luxembourg(*)	0.00	408.50	468.30
Sri Lanka	0.00	0.00	408.00
Taiwan	222.80	348.40	318.30
Trinidad and Tobago	108.70	315.30	301.90
Indonesia	0.00	88.70	261.40
Tunisia	0.00	372.80	231.90
Thailand	0.00	62.00	229.60
Russia	0.00	172.00	222.60
Vietnam	0.00	139.20	191.70
Greece	0.00	21.80	185.50
Venezuela	0.00	2.80	185.50
Rest of World	1,916.40	2,294.80	1,302.60
World Total	41,538.40	57,776.00	72,435.20
Dried lentils:			
India	40,164.00	12,011.80	31,212.80
Spain	26,173.30	20,647.90	25,411.30
Peru	10,403.50	14,725.90	10,084.60
Sudan(*)	10,051.80	22,444.20	9,539.10
Germany(*)	2,441.40	3,990.70	9,247.50
Ethiopia(*)	4,857.60	368.90	8,131.00
Canada	14,676.50	13,573.00	7,542.70
Italy(*)	3,698.80	10,038.70	7,321.00
Mexico	5,093.10	3,207.10	7,244.10
Belgium-Luxembourg(*)	1,328.80	3,904.10	3,737.30
Turkey	10,467.50	2,252.80	3,411.00
Djibouti	0	0	3,334.00
Somalia	0	0	3,255.40
Syria	0	0	2,800.00
Cameroon	0	0	2,440.00
Bangladesh	127.80	543.10	2,071.20
Israel(*)	2	51.90	1,875.30
Greece	3,117.90	1,887.30	1,874.90
Jordan	0	136.60	1,872.30
French Pacific Islands(*)	1,329.60	1,158.20	1,698.90
Netherlands	1,000.50	1,995.80	1,417.00
Sierra Leone	144.60	180.00	1,185.70
Chad	0	0	1,107.30
Pakistan	6,117.50	2,211.30	1,048.00
Burkina Faso	224.40	188.40	935.90
Egypt	3,244.90	2,193.80	752.40
Sri Lanka	8,867.60	1,391.70	731.90
Mali	0	0	609.10
Haiti	4,662.40	1,859.10	578.00
Algeria	4,198.50	1,019.00	574.80
Rest of World	27,430.70	16,616.10	5,186.60
World Total	189,824.60	138,597.20	158,231.00

(*) Denotes a country that is a summarization of its component countries. ¹ Excluding seed pea exports. FAS, Office of Global Analysis, (202) 720-6301.

Table 6-21.—Peas, dry: United States exports to specified countries, 2010–2012¹

Country	2010	2011	2012
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
India	166,003	65,038	127,120
China	56,869	12,433	26,301
Kenya	22,008	32,575	26,169
Philippines	24,488	16,324	17,079
Pakistan	43,658	10,197	14,874
Peru	9,637	10,524	12,945
Ethiopia(*)	27,131	28,774	11,741
Canada	27,962	13,432	11,431
Djibouti	8,133	13,004	8,055
South Africa	12,645	3,431	7,712
Korea, South	3,935	4,881	5,829
Mexico	6,125	3,759	4,584
Mozambique	87	749	4,289
Indonesia	8,708	7,572	3,867
Colombia	6,176	2,970	3,684
Taiwan	6,152	6,696	3,602
Belgium-Luxembourg(*)	186	70	3,508
Somalia	0	3,109	2,948
Chad	0	5,209	2,833
Mali	488	550	2,655
Sri Lanka	3,282	6,545	2,393
Spain	1,001	438	2,365
Zimbabwe	1,338	2,306	2,063
Cameroon	4,625	3,860	1,970
Congo (Kinshasa)	0	2,088	1,956
Uganda	220	3,506	1,631
Togo	0	1,248	1,610
Russia	1,943	1,363	1,487
Tanzania	4,076	1,731	1,360
Bangladesh	4,424	2,152	1,359
Rest of World	45,693	38,376	12,977
World Total	496,994	304,908	332,398

(*) Denotes a country that is a summarization of its component countries. ¹ Excluding seed pea exports.
 FAS, Office of Global Analysis, (202) 720-6301.

Table 6-22.—Hops: Area, yield, production, price, value, and Sept. 1 stocks, United States, 2006–2015

Year	Area harvested	Yield per acre	Production	Marketing year average price per pound received by farmers	Value of production	Stocks Sept. 1	Stocks Mar. 1
	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars per pound</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
2006	29.4	1,964	57,672	2.05	118,008	49,000	69,000
2007	30.9	1,949	60,253	2.99	179,978	47,000	70,000
2008	40.9	1,971	80,630	4.03	325,092	47,000	66,000
2009	39.7	2,383	94,678	3.57	337,874	65,000	82,000
2010	31.3	2,093	65,493	3.28	214,589	83,000	102,000
2011	29.8	2,175	64,782	3.14	203,378	87,000	121,000
2012	29.7	1,985	58,911	3.17	186,876	96,000	120,000
2013	35.3	1,962	69,246	3.35	232,308	(NA)	115,000
2014	38.0	1,868	70,996	3.67	260,627	90,000	121,000
2015	43.6	1,807	78,846	4.38	345,388	83,000	119,000

(NA) Not available.
 NASS, Crops Branch, (202) 720-2127.

Table 6-23.—Hops: Area, yield, and production, by State and United States, 2013–2015

State	Area harvested			Yield per acre			Production		
	2013	2014	2015	2013	2014	2015	2013	2014	2015
	<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>
Idaho	3,356	3,743	4,863	1,740	1,847	1,794	5,837.9	6,913.8	8,724.9
Oregon	4,835	5,410	6,612	1,764	1,520	1,613	8,530.5	8,221.0	10,667.8
Washington	27,097	28,858	32,158	2,025	1,936	1,849	54,877.7	55,861.1	59,453.3
United States ...	35,288	38,011	43,633	1,962	1,868	1,807	69,246.1	70,995.9	78,846.0

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

Table 6-24.—Hops: Marketing year average price and value of production, by State and United States, 2013–2015

State	Marketing year average price per pound			Value of production		
	2013	2014	2015	2013	2014	2015
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Idaho	2.62	2.75	3.53	15,295	18,806	30,799
Oregon	3.76	4.07	3.24	32,075	33,459	34,564
Washington	3.37	3.73	4.71	184,938	208,362	280,025
United States ...	3.35	3.67	4.38	232,308	260,627	345,388

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

Table 6-25.—Hops: United States exports by country of destination and imports by country of origin, 2010–2012

Country	2010	2011	2012
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
United Kingdom	1,344	1,206	1,561
Mexico	1,192	1,156	1,258
Germany(*)	1,328	1,001	1,200
Brazil	1,147	1,031	1,047
Belgium-Luxembourg(*)	1,331	1,086	939
Colombia	803	781	804
Canada	1,613	760	742
Japan	755	663	525
China	522	426	334
Argentina	249	239	330
Venezuela	135	135	297
Hong Kong	214	272	271
Australia(*)	222	214	203
Korea, South	154	195	176
South Africa	97	86	162
Peru	222	269	143
Philippines	277	179	116
Chile	69	119	111
Ecuador	307	134	97
Netherlands	41	44	97
Dominican Republic	71	106	85
Bolivia	118	23	79
India	208	178	58
Guatemala	57	38	50
Russia	169	70	49
Nigeria	64	55	44
Vietnam	184	112	44
Tanzania	48	33	38
Ireland	2	60	38
Thailand	66	93	34
Indonesia	8	21	33
Panama	60	32	31
Costa Rica	26	12	26
Kenya	52	9	26
Uruguay	0	21	23
New Zealand(*)	8	9	22
Malaysia	74	36	18
El Salvador	26	17	16
Cambodia	8	7	15
Singapore	5	18	14
Rest of World	388	314	119
World Total	13,661	11,257	11,274

(*) Denotes a country that is a summarization of its component countries.
 FAS, Office of Global Analysis, (202) 720-6301.