



# honey production

REVISED ESTIMATES, 1965-69

- Number of colonies
- Yield per colony
- Production
- Price
- Value
- Stocks

AGRICULTURE DIVISION  
BUREAU OF THE CENSUS

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C O N T E N T S

Page

Comments - - - - - 3

Tables:

1. HONEY AND BEESWAX: Number of colonies, production, stocks  
and value, United States, 1965-69 - - - - - 4
2. BEES AND HONEY: Number of colonies and yield of honey per  
colony, by States, 1965-69 - - - - - 5
3. HONEY: Production and price per pound by States 1965-69 - - - - - 6
4. HONEY: Value of production and stocks on hand for sale  
September 15, by States 1965-69 - - - - - 7
5. HONEY AND BEESWAX: Stocks of honey on hand for sale,  
December 15, and production of beeswax, by States 1965-69 - - - - - 8
6. BEESWAX: Price per pound and value of production, by States  
1965-69 - - - - - 9

## HONEY PRODUCTION

Revised Estimates, 1965-69

This publication presents a record of revised estimates of the Crop Reporting Board of the Statistical Reporting Service relating to honey and beeswax production, 1965-69. It continues the official series on number of colonies of bees, yield per colony, honey and beeswax production, stocks of honey on hand, and value of production as shown in the following publication:

USDA, Statistical Reporting Service: Honey and Beeswax, Number Colonies, Yield per Colony, Production, Price per Pound, and Value of Production by States, 1955-64, Statistical Bulletin No. 388, January 1967.

Estimates for the period have been published currently in annual reports and other publications.

The annual estimates of numbers of colonies on hand and honey and beeswax production are based primarily on survey returns from producers. The revised estimates are based on a thorough review of the original estimates, taking into consideration current survey data collected during the period and other information, such as State inspection records, estimates by State apiary inspectors and entomologists, and reports from commercial honey buyers and packers.

Number of Colonies: Estimates of the number of colonies of bees represent all colonies that are on hand during the year. They include colonies that were lost during the year, as well as new colonies. Small operations of one or more colonies are included as well as commercial operations.

Yield per Colony: Yield per colony is based mainly on mail reports from producers giving both number of colonies and total pounds taken from the hives. Estimates of total production for a State are the product of estimated number of colonies times average yield per colony.

Stocks on Hand: Stocks of honey on hand September 15 and December 15 represent stocks of honey for sale that are in producers' hands on those dates. The estimates are based on reports which give both production of honey and supplies on hand for the particular date. Estimates of honey stocks on hand September 15 were discontinued after 1967.

Beeswax: Production of beeswax is determined by the same procedure as total honey production.

Price per Pound: The price of honey and beeswax is the price received by producers for all honey sold. Prices are based on mailed reports from producers giving prices by various sizes of container. They include retail sales as well as wholesale.

Table 1. Honey and beeswax: Number of colonies, production, stocks, and value, United States, 1965-69

Year	Number of colonies	Honey				Value
		Yield per colony	Production	Price per pound		
	1,000 colonies	Pounds	1,000 pounds	Cents	1,000 dollars	
1965	4,718	51.3	241,849	17.8	43,011	
1966	4,646	52.0	241,576	17.4	41,929	
1967	4,635	46.6	215,780	15.6	33,678	
1968	4,539	42.2	191,391	16.9	32,400	
1969	4,433	60.3	267,485	17.5	46,742	
Honey stocks on hand for sale <sup>1/</sup>						
	Sept. 15 <sup>2/</sup>	Dec. 15	Production	Price per pound	Value	
	1,000 pounds		1,000 pounds	Cents	1,000 dollars	
1965	86,314	57,679	4,697	44.9	2,111	
1966	80,048	55,340	4,615	46.5	2,148	
1967	77,916	56,733	4,386	58.8	2,580	
1968		41,021	3,797	61.6	2,340	
1969		62,743	5,171	61.1	3,162	

<sup>1/</sup> Stocks in hands of producers.

<sup>2/</sup> Excludes Hawaii. Estimates discontinued after 1967.

Table 2. Bees and Honey: Number of colonies and yield of honey per colony, by States 1965-69

State	Number of colonies					Yield of honey per colony				
	1965	1966	1967	1968	1969	1965	1966	1967	1968	1969
	1,000 colonies					Pounds				
Maine	5	5	5	5	4	19	31	23	16	25
N. H.	5	5	5	5	5	29	40	24	15	19
Vt.	8	8	8	8	7	41	47	35	16	42
Mass.	10	10	10	10	10	21	22	24	22	32
R. I.	2	2	2	2	2	23	22	22	20	22
Conn.	10	10	10	10	9	18	18	28	21	17
N. Y.	178	164	164	157	149	42	54	40	42	58
N. J.	35	36	37	35	35	35	34	40	35	47
Pa.	119	117	113	110	108	30	32	29	28	31
Ohio	155	143	139	132	131	40	41	11	31	34
Ind.	103	98	102	95	88	57	62	13	32	53
Ill.	93	86	79	72	65	65	67	39	42	50
Mich.	115	116	121	120	121	63	74	50	75	83
Wis.	136	142	142	139	129	73	105	78	55	115
Minn.	191	195	189	183	174	83	92	108	57	121
Iowa	128	125	122	118	112	85	104	90	70	80
Mo.	97	102	101	99	101	58	65	55	40	42
N. Dak.	41	46	52	55	53	98	115	102	90	125
S. Dak.	92	95	101	104	110	98	112	100	107	135
Nebr.	96	99	103	103	104	85	95	55	70	81
Kans.	49	49	49	49	49	68	65	50	45	35
Del.	4	3	3	2	1	30	37	43	40	40
Md.	26	22	20	17	15	28	40	46	46	45
Va.	112	106	103	101	97	27	18	22	19	24
W. Va.	97	89	92	91	92	20	12	24	17	18
N. C.	209	213	226	219	226	28	10	15	19	23
S. C.	60	60	63	64	63	25	11	12	13	18
Ga.	170	172	175	180	176	41	24	25	29	34
Fla.	294	294	309	321	337	55	68	58	65	75
Ky.	95	88	87	83	81	22	22	22	18	26
Tenn.	149	142	146	139	146	19	20	16	17	27
Ala.	101	92	86	78	72	26	27	23	24	30
Miss.	65	65	65	52	56	36	32	32	24	32
Ark.	86	87	85	83	82	24	26	28	25	28
La.	76	68	60	52	43	38	45	45	50	56
Okla.	49	49	50	55	60	46	37	46	36	33
Tex.	220	217	205	201	196	56	51	43	46	52
Mont.	80	79	78	78	75	72	80	98	85	125
Idaho	188	170	152	136	126	43	50	48	46	54
Wyo.	33	31	30	32	32	35	71	53	51	78
Colo.	54	53	51	46	45	68	82	42	41	70
N. Mex.	13	14	15	15	15	71	73	54	61	48
Ariz.	96	96	88	83	75	70	68	41	57	42
Utah	50	51	51	50	49	44	51	44	21	50
Nev.	9	9	9	8	7	60	68	80	65	105
Wash.	91	91	97	97	90	45	44	43	39	39
Oreg.	64	67	70	74	68	41	47	39	32	53
Calif.	553	559	559	565	537	62	38	54	29	83
Hawaii	6	6	6	6	5	61	58	41	59	75
U. S.	4,718	4,646	4,635	4,539	4,433	51.3	52.0	46.6	42.2	60.3

Table 3. Honey: Production and price per pound, by States, 1965-69

State	Production					Price per pound				
	1965	1966	1967	1968	1969	1965	1966	1967	1968	1969
	1,000 pounds					Cents				
Maine	95	155	115	80	100	42.9	42.4	43.6	44.6	46.6
N. H.	145	200	120	75	95	41.0	41.1	40.0	40.8	42.7
Vt.	328	376	280	128	294	33.0	32.8	32.9	34.2	36.2
Mass.	210	220	240	220	320	39.2	40.2	41.6	42.7	44.8
R. I.	46	44	44	40	44	37.1	37.6	37.4	38.8	40.2
Conn.	180	180	280	210	153	38.6	38.8	39.3	39.8	41.8
N. Y.	7,476	8,856	6,560	6,594	8,642	16.1	16.5	15.7	15.6	16.5
N. J.	1,225	1,224	1,480	1,225	1,645	33.0	32.3	24.6	27.4	28.5
Pa.	3,570	3,744	3,277	3,080	3,348	22.0	22.4	20.2	21.2	21.6
Ohio	6,200	5,863	1,529	4,092	4,454	18.5	19.2	19.3	20.2	19.5
Ind.	5,871	6,076	1,326	3,040	4,664	19.4	19.9	16.8	17.6	19.3
Ill.	6,045	5,762	3,081	3,024	3,250	20.4	20.3	19.0	19.3	20.2
Mich.	7,245	8,584	6,050	9,000	10,043	16.3	16.6	14.9	15.4	16.2
Wis.	9,928	14,910	11,076	7,645	14,835	17.0	17.2	15.0	16.0	16.3
Minn.	15,853	17,940	20,412	10,431	21,054	16.1	15.4	15.5	17.4	19.3
Iowa	10,880	13,000	10,980	8,260	8,960	16.4	16.6	15.0	15.2	16.3
Mo.	5,626	6,630	5,555	3,960	4,242	22.3	22.9	15.6	16.7	18.5
N. Dak.	4,018	5,290	5,304	4,950	6,625	14.0	13.2	13.6	13.7	14.6
S. Dak.	9,016	10,640	10,100	11,128	14,850	13.7	14.4	13.6	14.7	14.6
Nebr.	8,160	9,405	5,665	7,210	8,424	15.6	14.2	12.5	13.8	14.5
Kans.	3,332	3,185	2,450	2,205	1,715	19.4	17.8	15.7	16.6	16.6
Del.	120	111	129	80	40	34.5	35.0	32.7	32.8	34.6
Md.	728	880	920	782	675	28.7	29.7	28.6	29.8	31.5
Va.	3,024	1,908	2,266	1,919	2,328	28.5	29.2	28.5	28.5	29.5
W. Va.	1,940	1,068	2,208	1,547	1,656	33.4	34.8	32.0	32.2	32.0
N. C.	5,852	2,130	3,390	4,161	5,198	36.4	28.6	23.6	23.2	23.9
S. C.	1,500	660	756	832	1,134	31.4	31.2	29.7	29.7	33.1
Ga.	6,970	4,128	4,375	5,220	5,984	20.7	18.8	17.0	17.0	17.0
Fla.	16,170	19,992	17,922	20,865	25,275	17.6	16.8	14.8	19.0	20.1
Ky.	2,090	1,936	1,914	1,494	2,106	34.6	35.8	31.6	32.2	33.6
Tenn.	2,831	2,840	2,336	2,363	3,942	29.8	31.7	20.0	21.7	22.4
Ala.	2,626	2,484	1,978	1,872	2,160	23.5	23.6	19.5	21.6	22.5
Miss.	2,340	2,080	2,080	1,248	1,792	20.0	21.3	21.1	21.7	20.8
Ark.	2,322	2,262	2,380	2,075	2,296	22.6	22.3	23.7	25.0	26.4
La.	2,888	3,060	2,700	2,600	2,408	16.3	16.4	15.5	15.4	14.6
Okla.	2,254	1,813	2,300	1,980	1,980	22.6	24.2	23.4	26.7	30.0
Tex.	12,320	11,067	8,815	9,246	10,192	14.6	15.7	14.8	15.7	16.8
Mont.	5,760	6,320	7,644	6,630	9,375	15.1	15.4	14.2	13.2	14.2
Idaho	8,084	8,500	7,296	6,256	6,426	14.4	15.2	12.8	13.9	14.7
Wyo.	1,155	2,201	1,590	1,632	2,496	13.7	14.6	13.5	13.6	15.6
Colo.	3,672	4,346	2,142	1,886	3,150	16.4	16.5	16.6	18.1	18.8
N. Mex.	923	1,022	810	915	720	14.5	13.9	12.0	11.0	13.0
Ariz.	6,720	6,528	3,608	4,731	3,150	12.9	12.2	11.1	11.2	12.2
Utah	2,200	2,601	2,244	1,050	2,450	15.0	15.5	13.1	14.7	17.5
Nev.	540	612	720	520	735	14.6	14.1	14.3	14.3	15.3
Wash.	4,095	4,004	4,171	3,783	3,510	14.6	12.6	13.5	13.5	15.4
Oreg.	2,624	3,149	2,730	2,368	3,604	18.7	19.6	14.2	15.2	15.8
Calif.	34,286	21,242	30,186	16,385	44,571	13.4	13.4	11.3	12.8	13.4
Hawaii	366	348	246	354	375	14.6	11.1	11.0	12.5	14.3
U. S.	241,849	241,576	215,780	191,391	267,485	17.8	17.4	15.6	16.9	17.5

Table 4. Honey: Value of production and stocks on hand for sale September 15, by States, 1965-69

State	Value of production					Stocks of honey on hand for sale September 15 1/		
	1965	1966	1967	1968	1969	1965	1966	1967
	1,000 dollars					1,000 pounds		
Maine	41	66	50	36	47	36	53	54
N. H.	59	82	48	31	41	58	70	49
Vt.	108	123	92	44	106	161	132	126
Mass.	82	88	100	94	143	97	88	89
R. I.	17	17	16	16	18	17	14	15
Conn.	69	70	110	84	64	81	45	92
N. Y.	1,204	1,461	1,030	1,029	1,426	2,019	3,100	2,165
N. J.	404	395	364	336	469	795	661	888
Pa.	785	839	662	653	723	1,000	1,498	1,016
Ohio	1,147	1,126	295	827	869	3,038	3,107	596
Ind.	1,139	1,209	223	535	900	2,525	2,066	504
Ill.	1,233	1,170	585	584	657	3,022	2,420	1,644
Mich.	1,181	1,425	901	1,386	1,627	3,115	3,863	2,299
Wis.	1,688	2,565	1,661	1,223	2,418	3,872	7,306	6,092
Minn.	2,552	2,763	3,164	1,815	4,063	4,597	5,203	6,124
Iowa	1,784	2,158	1,647	1,256	1,460	3,590	4,550	4,612
Mo.	1,255	1,518	867	661	785	2,307	2,387	2,166
N. Dak.	563	698	721	678	967	804	952	1,379
S. Dak.	1,233	1,532	1,374	1,636	2,168	1,443	2,660	3,636
Nebr.	1,273	1,336	708	995	1,221	1,224	1,975	2,039
Kans.	646	567	385	366	285	1,333	1,370	980
Del.	41	39	42	26	14	36	56	58
Md.	209	261	263	233	213	255	484	414
Va.	862	557	646	547	687	968	611	702
W. Va.	648	372	707	498	530	543	288	530
N. C.	2,130	609	800	965	1,242	1,346	639	915
S. C.	471	206	225	247	375	330	145	121
Ga.	1,443	776	744	887	1,017	1,673	908	700
Fla.	2,846	3,359	2,652	3,964	5,080	4,042	3,998	4,122
Ky.	723	693	605	481	708	522	426	459
Tenn.	844	900	467	513	883	849	852	654
Ala.	617	586	386	404	486	919	869	673
Miss.	468	443	439	271	373	632	686	395
Ark.	525	504	564	519	606	464	498	666
La.	471	502	419	400	352	722	398	270
Okla.	509	439	538	529	594	789	635	874
Tex.	1,799	1,738	1,305	1,452	1,712	4,928	4,537	3,173
Mont.	870	973	1,085	875	1,331	1,210	1,201	1,605
Idaho	1,164	1,292	934	870	945	4,123	2,805	4,013
Wyo.	158	321	215	222	389	404	132	238
Colo.	602	717	356	341	592	1,799	1,956	964
N. Mex.	134	142	97	101	94	480	450	332
Ariz.	867	796	400	530	384	2,419	2,024	1,371
Utah	330	403	294	154	429	1,320	1,561	1,234
Nev.	79	86	103	74	112	351	251	590
Wash.	598	505	563	511	541	860	881	918
Oreg.	491	617	388	360	569	1,023	1,165	1,474
Calif.	4,594	2,846	3,411	2,097	5,973	18,172	8,072	13,886
Hawaii	53	39	27	44	54	2/	2/	2/
U. S.	43,011	41,929	33,678	32,400	46,742	86,314	80,048	77,916

1/ Stocks in hands of producers. Estimates discontinued after 1967.

2/ Not available.

Table 5. Honey and Beeswax: Stocks of honey on hand for sale December 15 and production of beeswax by States, 1965-69

State	Stocks of honey on hand for sale December 15 1/					Beeswax production				
	1965	1966	1967	1968	1969	1965	1966	1967	1968	1969
	1,000 pounds					1,000 pounds				
Maine	32	56	52	28	30	2	3	2	2	2
N. H.	46	50	44	15	15	3	3	2	2	3
Vt.	138	192	146	19	65	5	5	4	3	5
Mass.	88	66	96	84	112	4	4	5	4	6
R. I.	16	12	11	10	13	1	1	1	1	1
Conn.	72	61	126	94	67	4	4	7	5	4
N. Y.	1,794	1,948	1,902	1,978	3,025	120	159	118	112	156
N. J.	674	636	814	490	790	22	22	25	28	30
Pa.	1,071	1,198	950	1,016	1,440	86	94	59	71	74
Ohio	2,480	1,642	413	1,309	757	93	117	46	78	80
Ind.	1,174	1,823	345	730	1,866	100	103	36	67	98
Ill.	2,358	1,901	924	726	1,008	109	98	59	64	68
Mich.	3,188	3,262	2,299	2,880	3,314	145	172	121	171	161
Wis.	3,376	4,920	4,873	2,294	6,082	199	224	199	138	237
Minn.	4,280	5,203	7,552	3,338	5,474	317	377	408	229	358
Iowa	2,394	4,160	4,392	2,561	3,942	218	247	253	173	188
Mo.	1,238	862	944	911	806	101	86	72	81	81
N. Dak.	161	317	636	693	1,855	76	90	85	89	113
S. Dak.	992	1,915	1,010	779	2,970	162	192	182	189	252
Nebr.	1,061	1,881	1,813	3,821	2,948	139	141	119	130	177
Kans.	933	669	368	617	292	73	76	51	44	34
Del.	29	33	39	24	8	2	2	3	2	1
Md.	175	246	129	172	101	16	18	16	13	14
Va.	726	458	476	422	559	67	42	45	33	44
W. Va.	485	278	442	356	331	48	16	44	31	41
N. C.	702	383	915	832	1,040	146	64	112	125	156
S. C.	240	119	91	183	204	38	17	19	19	26
Ga.	1,255	454	656	574	718	139	74	79	120	102
Fla.	3,234	3,198	3,405	2,712	4,297	356	360	323	376	455
Ky.	397	271	230	179	316	52	50	42	37	42
Tenn.	651	312	444	567	867	57	57	47	47	79
Ala.	630	671	495	412	626	58	52	45	39	52
Miss.	374	520	354	250	394	35	37	37	31	54
Ark.	348	317	381	332	390	53	52	52	50	46
La.	202	153	216	364	409	58	61	57	47	41
Okla.	316	326	483	396	356	45	33	41	34	38
Tex.	2,957	2,435	2,292	1,849	2,140	222	210	194	194	285
Mont.	979	632	1,070	663	1,969	121	126	153	133	178
Idaho	1,617	2,210	2,116	1,001	1,864	170	187	146	131	103
Wyo.	46	132	111	33	250	23	35	40	31	42
Colo.	1,579	1,825	600	773	1,292	84	91	51	41	69
N. Mex.	332	368	178	146	72	10	20	12	18	12
Ariz.	1,142	1,110	938	473	315	94	118	76	90	82
Utah	528	624	1,212	304	710	44	62	40	24	51
Nev.	54	122	288	21	294	10	11	13	9	13
Wash.	532	641	626	719	842	94	96	92	95	91
Oreg.	840	976	601	592	901	50	54	55	43	72
Calif.	9,600	3,611	8,150	2,130	4,457	617	446	694	295	847
Hawaii	143	141	85	149	150	9	6	4	8	7
U. S.	57,679	55,340	56,733	41,021	62,743	4,697	4,615	4,386	3,797	5,171

1/ Stocks in hands of producers.



Table 6. Beeswax: Price per pounds and value of production, by States, 1965-69

State	Price per pound					Value of production				
	1965	1966	1967	1968	1969	1965	1966	1967	1968	1969
	Cents					1,000 dollars				
Maine	46	46	53	53	59	1	1	1	1	1
N. H.	47	47	55	53	59	1	1	1	1	2
Vt.	44	46	54	55	59	2	2	2	2	3
Mass.	46	47	55	55	56	2	2	3	2	3
R. I.	45	45	52	51	56	1/2	1/2	1	1	1
Conn.	46	46	51	51	56	2	2	4	3	2
N. Y.	47	49	61	64	62	56	78	72	72	97
N. J.	49	47	56	65	65	11	10	14	18	20
Pa.	49	49	57	59	63	42	46	34	42	47
Ohio	44	47	58	62	61	41	55	27	48	49
Ind.	47	46	57	60	62	47	47	21	40	61
Ill.	45	47	55	60	61	49	46	32	38	41
Mich.	46	49	61	61	62	67	84	74	104	100
Wis.	45	47	60	61	62	90	105	119	84	147
Minn.	45	46	58	61	59	143	173	237	140	211
Iowa	45	46	62	64	63	98	114	157	111	118
Mo.	45	47	57	63	64	45	40	41	51	52
N. Dak.	46	48	66	65	64	35	43	56	58	72
S. Dak.	46	48	66	68	65	75	92	120	129	164
Nebr.	45	47	59	60	59	63	66	70	78	104
Kans.	44	48	62	59	62	32	36	32	26	21
Del.	45	45	65	60	60	1	1	2	1	1
Md.	45	45	65	60	60	7	8	10	8	8
Va.	44	44	55	63	63	29	18	25	21	28
W. Va.	46	44	55	58	60	22	7	24	19	25
N. C.	43	44	55	55	55	63	28	62	69	86
S. C.	45	43	52	57	60	17	7	10	11	16
Ga.	45	47	58	59	60	63	35	46	71	61
Fla.	43	44	52	60	62	153	158	168	226	282
Ky.	43	46	54	51	58	22	23	23	19	24
Tenn.	44	44	51	49	54	25	25	24	23	43
Ala.	45	44	60	55	57	26	23	27	21	30
Miss.	45	44	53	58	62	16	16	20	18	33
Ark.	45	47	57	60	67	24	24	30	30	31
La.	44	46	57	65	62	26	28	32	31	25
Okla.	44	45	59	61	67	20	15	24	21	25
Tex	44	46	58	62	57	98	97	113	120	162
Mont.	46	49	62	66	61	56	62	95	88	109
Idaho	44	46	59	62	60	75	86	86	81	62
Wyo.	43	45	54	62	66	10	16	22	19	28
Colo.	45	47	55	65	60	38	43	28	27	41
N. Mex.	44	44	55	65	58	4	9	7	12	7
Ariz.	43	46	49	55	58	40	54	37	50	48
Utah	44	47	53	56	58	19	29	21	13	30
Nev.	44	47	62	68	69	4	5	8	6	9
Wash.	45	49	53	61	64	42	47	49	58	58
Oreg.	42	44	52	58	61	21	24	29	25	44
Calif.	46	48	63	67	62	284	214	437	198	525
Hawaii	45	44	63	73	68	4	3	3	6	5
U. S.	44.9	46.5	58.8	61.6	61.1	2,111	2,148	2,580	2,340	3,162

1/ Less than 500 dollars.