



PRESS RELEASE



NATIONAL AGRICULTURAL STATISTICS SERVICE

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Posted online August 4, 2020

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January 1 Honey Bee Colonies Up 8 Percent for Operations with Five or More Colonies

Honey bee colonies for operations with five or more colonies in the United States on January 1, 2020 totaled 2.88 million colonies, up 8 percent from January 1, 2019. The number of colonies in the United States on April 1, 2020 was 2.98 million colonies. During 2019, honey bee colonies on January 1, July 1, and October 1 were 2.67 million, 3.18 million, and 3.02 million colonies, respectively.

Honey bee colonies lost for operations with five or more colonies from January through March 2020, was 399,570 colonies, or 14 percent. The number of colonies lost during the quarter of April through June 2020 was 252,630 colonies, or 8 percent. During the quarter of July through September 2019, colonies lost totaled 434,700 colonies, or 14 percent, the highest number lost of any quarter surveyed in 2019. The quarter surveyed in 2019 with the lowest number of colonies lost was October through December, with 399,510 colonies lost, or 13 percent.

Honey bee colonies added for operations with five or more colonies from January through March 2020 was 477,200 colonies. The number of colonies added during the quarter of April through June 2020 was 596,860. During the quarter of July through September 2019, 252,550 colonies were added, the highest number of honey bee colonies added for any quarter surveyed in 2019. The quarter of October through December 2019 added 233,260 colonies, the least number of honey bee colonies added for any quarter surveyed in 2019.

Honey bee colonies renovated for operations with five or more colonies from January through March 2020 was 153,390 colonies, or 5 percent. During the quarter of April through June 2020, 632,680 colonies, or 21 percent, were renovated. The quarter surveyed in 2019 with the highest number of colonies renovated was July through September with 355,330 colonies renovated, or 11 percent. The quarter surveyed in 2019 with the lowest number of colonies renovated was October through December 2019, with 91,000, or 3 percent. Renovated colonies are those that were requeened or received new honey bees through a nuc or package.

Number of Colonies, Maximum, Lost, Percent Lost, Added, Renovated, and Percent Renovated with Five or More Colonies—Idaho, Oregon, Washington, and United States: January 1, 2019 and January-March 2019

State	January 1 number of colonies	January-March					
		Maximum colonies ¹	Lost colonies	Percent lost ²	Added colonies	Renovated colonies ³	Percent renovated ⁴
	(number)	(number)	(number)	(percent)	(number)	(number)	(percent)
Idaho.....	132,000	145,000	12,500	9	4,600	1,100	1
Oregon.....	89,000	95,000	7,500	8	8,000	1,800	2
Washington.....	51,000	75,000	7,000	9	5,500	2,200	3
United States.....	2,671,470	(X)	407,700	15	247,710	179,500	7

(X) Not applicable.

¹ January 1 number of colonies plus all colonies moved into that state during the quarter.

² Percent lost is the number of lost colonies divided by maximum colonies except for the United States, where percent lost is the number of lost colonies divided by the January 1 number of colonies.

³ Defined as any surviving colony that was requeened or received new honey bees through nuc or package.

⁴ Percent renovated is the number of renovated colonies divided by maximum colonies except for the United States, where percent renovated is the number of renovated colonies divided by the January 1 number of colonies.

Number of Colonies, Maximum, Lost, Percent Lost, Added, Renovated, and Percent Renovated with Five or More Colonies—Idaho, Oregon, Washington, and United States: April 1, 2019 and April-June 2019 ⁵

State	April 1 number of colonies	April-June					
		Maximum colonies ¹	Lost colonies	Percent lost ²	Added colonies	Renovated colonies ³	Percent renovated ⁴
	(number)	(number)	(number)	(percent)	(number)	(number)	(percent)
Idaho.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oregon.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Washington.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
United States.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

(NA) Not available.

¹ April 1 number of colonies plus all colonies moved into that state during the quarter.

² Percent lost is the number of lost colonies divided by maximum colonies except for the United States, where percent lost is the number of lost colonies divided by the April 1 number of colonies.

³ Defined as any surviving colony that was requeened or received new honey bees through nuc or package.

⁴ Percent renovated is the number of renovated colonies divided by maximum colonies except for the United States, where percent renovated is the number of renovated colonies divided by the April 1 number of colonies.

⁵ Data collection for July 2019 quarterly honey bee colonies was suspended.

Number of Colonies, Maximum, Lost, Percent Lost, Added, Renovated, and Percent Renovated with Five or More Colonies—Idaho, Oregon, Washington, and United States: July 1, 2019 and July-September 2019

State	July 1 number of colonies	July-September					
		Maximum colonies ¹	Lost colonies	Percent lost ²	Added colonies	Renovated colonies ³	Percent renovated ⁴
	(number)	(number)	(number)	(percent)	(number)	(number)	(percent)
Idaho.....	95,000	111,000	10,500	9	8,500	12,500	11
Oregon.....	83,000	118,000	8,000	7	6,000	21,000	18
Washington.....	85,000	97,000	21,000	22	12,000	10,000	10
United States.....	3,175,960	(X)	434,700	14	252,550	355,330	11

(X) Not applicable.

¹ July 1 number of colonies plus all colonies moved into that state during the quarter.

² Percent lost is the number of lost colonies divided by maximum colonies except for the United States, where percent lost is the number of lost colonies divided by the July 1 number of colonies.

³ Defined as any surviving colony that was requeened or received new honey bees through nuc or package.

⁴ Percent renovated is the number of renovated colonies divided by maximum colonies except for the United States, where percent renovated is the number of renovated colonies divided by the July 1 number of colonies.

Number of Colonies, Maximum, Lost, Percent Lost, Added, Renovated, and Percent Renovated with Five or More Colonies—Idaho, Oregon, Washington, and United States: October 1, 2019 and October-December 2019

State	October 1 number of colonies	October-December					
		Maximum colonies ¹	Lost colonies	Percent lost ²	Added colonies	Renovated colonies ³	Percent renovated ⁴
	(number)	(number)	(number)	(percent)	(number)	(number)	(percent)
Idaho	111,000	196,000	15,500	8	1,800	1,000	1
Oregon	115,000	130,000	15,000	12	650	2,000	2
Washington.....	89,000	93,000	12,500	13	810	100	(Z)
United States	3,018,110	(X)	399,510	13	233,260	91,000	3

(X) Not applicable.

(Z) Less than half of the unit shown.

¹ October 1 number of colonies plus all colonies moved into that state during the quarter.

² Percent lost is the number of lost colonies divided by maximum colonies except for the United States, where percent lost is the number of lost colonies divided by the October 1 number of colonies.

³ Defined as any surviving colony that was requeened or received new honey bees through nuc or package.

⁴ Percent renovated is the number of renovated colonies divided by maximum colonies except for the United States, where percent renovated is the number of renovated colonies divided by the October 1 number of colonies.

Number of Colonies, Maximum, Lost, Percent Lost, Added, Renovated, and Percent Renovated with Five or More Colonies—Idaho, Oregon, Washington, and United States: January 1, 2020 and January-March 2020

State	January 1 number of colonies	January-March					
		Maximum colonies ¹	Lost colonies	Percent lost ²	Added colonies	Renovated colonies ³	Percent renovated ⁴
	(number)	(number)	(number)	(percent)	(number)	(number)	(percent)
Idaho	156,000	168,000	18,500	11	4,400	920	1
Oregon	97,000	108,000	4,800	4	9,000	1,700	2
Washington.....	49,000	74,000	1,500	2	580	150	(Z)
United States	2,876,100	(X)	399,570	14	477,200	153,390	5

(X) Not applicable.

(Z) Less than half of the unit shown.

¹ January 1 number of colonies plus all colonies moved into that state during the quarter.

² Percent lost is the number of lost colonies divided by maximum colonies except for the United States, where percent lost is the number of lost colonies divided by the January 1 number of colonies.

³ Defined as any surviving colony that was requeened or received new honey bees through nuc or package.

⁴ Percent renovated is the number of renovated colonies divided by maximum colonies except for the United States, where percent renovated is the number of renovated colonies divided by the January 1 number of colonies.

Number of Colonies, Maximum, Lost, Percent Lost, Added, Renovated, and Percent Renovated with Five or More Colonies—Idaho, Oregon, Washington, and United States: April 1, 2020 and April-June 2020

State	April 1 number of colonies	April-June					
		Maximum colonies ¹	Lost colonies	Percent lost ²	Added colonies	Renovated colonies ³	Percent renovated ⁴
	(number)	(number)	(number)	(percent)	(number)	(number)	(percent)
Idaho	48,000	81,000	14,500	18	32,000	29,000	36
Oregon	89,000	95,000	2,500	3	10,500	19,000	20
Washington.....	50,000	114,000	3,100	3	5,000	3,300	3
United States	2,982,900	(X)	252,630	8	596,860	632,680	21

(X) Not applicable.

¹ April 1 number of colonies plus all colonies moved into that state during the quarter.

² Percent lost is the number of lost colonies divided by maximum colonies except for the United States, where percent lost is the number of lost colonies divided by the April 1 number of colonies.

³ Defined as any surviving colony that was requeened or received new honey bees through nuc or package.

⁴ Percent renovated is the number of renovated colonies divided by maximum colonies except for the United States, where percent renovated is the number of renovated colonies divided by the April 1 number of colonies.

Colony Health Stressors with Five or More Colonies—Idaho, Oregon, Washington, and United States: January-March 2019

[Percent of colonies affected by stressors anytime during the quarter. A colony may be affected by multiple stressors during the quarter]

State	Varroa mites	Other pests and parasites ¹	Diseases ²	Pesticides	Other ³	Unknown
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Idaho.....	24.5	8.0	8.0	9.2	8.6	(Z)
Oregon.....	18.0	0.1	0.2	0.2	2.7	0.5
Washington.....	22.3	0.8	0.6	0.3	0.8	0.2
United States.....	45.6	14.8	7.1	13.6	9.0	5.2

(Z) Less than half of the unit shown.

¹ Tracheal mites, nosema, hive beetle, wax moths, etc.

² Includes American and European foulbrood, chalkbrood, stonebrood, paralysis (acute and chronic), kashmir, deformed wing, sacbrood, IAPV, Lake Sinai II, etc.

³ Includes weather, starvation, insufficient forage, queen failure, hive damage/destroyed, etc.

Colony Health Stressors with Five or More Colonies—Idaho, Oregon, Washington, and United States: April-June 2019 ⁴

[Percent of colonies affected by stressors anytime during the quarter. A colony may be affected by multiple stressors during the quarter]

State	Varroa mites	Other pests and parasites ¹	Diseases ²	Pesticides	Other ³	Unknown
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Idaho.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oregon.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Washington.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
United States.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

(NA) Not available.

¹ Tracheal mites, nosema, hive beetle, wax moths, etc.

² Includes American and European foulbrood, chalkbrood, stonebrood, paralysis (acute and chronic), kashmir, deformed wing, sacbrood, IAPV, Lake Sinai II, etc.

³ Includes weather, starvation, insufficient forage, queen failure, hive damage/destroyed, etc.

⁴ Data collection for July 2019 quarterly honey bee colonies was suspended.

Colony Health Stressors with Five or More Colonies—Idaho, Oregon, Washington, and United States: July-September 2019

[Percent of colonies affected by stressors anytime during the quarter. A colony may be affected by multiple stressors during the quarter]

State	Varroa mites	Other pests and parasites ¹	Diseases ²	Pesticides	Other ³	Unknown
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Idaho.....	59.9	15.4	21.7	9.9	18.5	0.8
Oregon.....	35.4	12.8	19.8	15.1	16.6	0.4
Washington.....	47.3	0.9	2.5	4.6	9.4	0.3
United States.....	44.1	13.4	8.5	13.6	11.9	4.5

¹ Tracheal mites, nosema, hive beetle, wax moths, etc.

² Includes American and European foulbrood, chalkbrood, stonebrood, paralysis (acute and chronic), kashmir, deformed wing, sacbrood, IAPV, Lake Sinai II, etc.

³ Includes weather, starvation, insufficient forage, queen failure, hive damage/destroyed, etc.

Colony Health Stressors with Five or More Colonies—Idaho, Oregon, Washington, and United States: October-December 2019

[Percent of colonies affected by stressors anytime during the quarter. A colony may be affected by multiple stressors during the quarter]

State	Varroa mites	Other pests and parasites ¹	Diseases ²	Pesticides	Other ³	Unknown
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Idaho	20.3	4.3	5.4	10.5	9.9	1.1
Oregon	35.8	2.1	4.7	1.8	16.6	16.0
Washington.....	40.3	2.3	0.6	19.6	2.9	3.2
United States	45.7	15.0	5.4	10.9	8.6	5.3

¹ Tracheal mites, nosema, hive beetle, wax moths, etc.

² Includes American and European foulbrood, chalkbrood, stonebrood, paralysis (acute and chronic), kashmir, deformed wing, sacbrood, IAPV, Lake Sinai II, etc.

³ Includes weather, starvation, insufficient forage, queen failure, hive damage/destroyed, etc.

Colony Health Stressors with Five or More Colonies—Idaho, Oregon, Washington, and United States: January-March 2020

[Percent of colonies affected by stressors anytime during the quarter. A colony may be affected by multiple stressors during the quarter]

State	Varroa mites	Other pests and parasites ¹	Diseases ²	Pesticides	Other ³	Unknown
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Idaho	10.4	0.8	0.1	2.8	2.1	1.9
Oregon	24.4	10.4	10.8	14.5	1.3	0.3
Washington.....	1.7	0.1	0.1	0.5	0.2	0.3
United States	25.5	8.0	4.4	5.0	5.6	5.4

¹ Tracheal mites, nosema, hive beetle, wax moths, etc.

² Includes American and European foulbrood, chalkbrood, stonebrood, paralysis (acute and chronic), kashmir, deformed wing, sacbrood, IAPV, Lake Sinai II, etc.

³ Includes weather, starvation, insufficient forage, queen failure, hive damage/destroyed, etc.

Colony Health Stressors with Five or More Colonies—Idaho, Oregon, Washington, and United States: April-June 2020

[Percent of colonies affected by stressors anytime during the quarter. A colony may be affected by multiple stressors during the quarter]

State	Varroa mites	Other pests and parasites ¹	Diseases ²	Pesticides	Other ³	Unknown
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Idaho	44.2	10.9	11.1	8.6	6.9	5.8
Oregon	28.0	1.7	7.5	2.2	5.9	0.7
Washington.....	10.6	(Z)	0.7	1.0	1.3	0.4
United States	42.3	12.2	5.5	6.1	10.8	5.2

(Z) Less than half of the unit shown.

¹ Tracheal mites, nosema, hive beetle, wax moths, etc.

² Includes American and European foulbrood, chalkbrood, stonebrood, paralysis (acute and chronic), kashmir, deformed wing, sacbrood, IAPV, Lake Sinai II, etc.

³ Includes weather, starvation, insufficient forage, queen failure, hive damage/destroyed, etc.

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