



The Bee Informed Partnership Management Survey Results (2013-2014)

Demographics of Respondants

BeeInformed.org

Funded by:



United States
Department of
Agriculture

National Institute
of Food
and Agriculture

Release Date: September 19, 2014

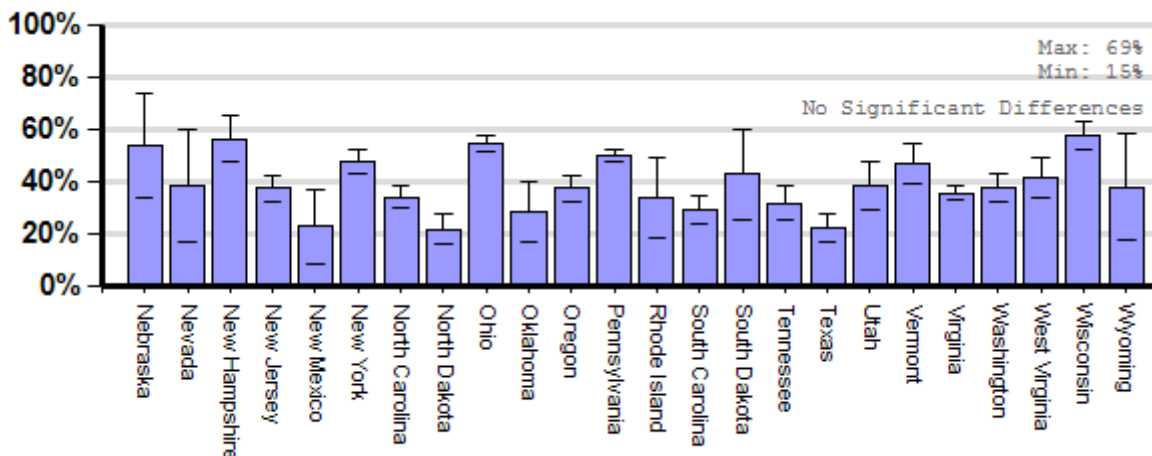
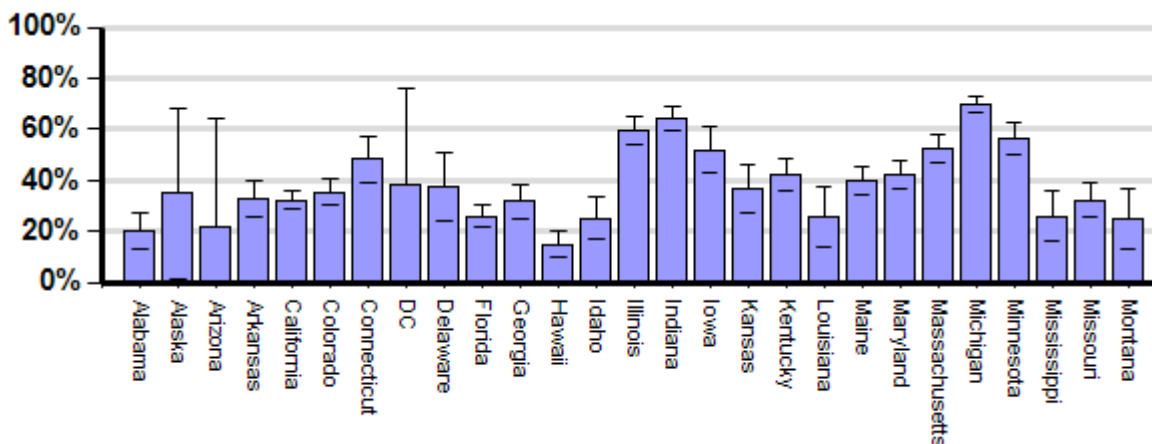
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Losses By State

A comparison of average winter colony mortality among beekeepers in different states across the United States, between April and March.

Winter
Report ID: 289-2014



Interpretation

There are some significant differences between states.

Survey Question

In what states did you keep your colonies in between April 1, 2013 and March, 2014?

		Total Number of Respondents Providing Valid Responses	Total Number of Colonies Managed	Average Number of Colonies Managed		Average Colony Loss
				Mean	Standard Error	Mean(%) [Lower, Upper] CI
Alabama		39	696	17.8	9.6	20.2 [13.3, 27.1]
Alaska		N/A	21	4.2	0.7	34.8 [1.2, 68.3]
Arizona		N/A	362	60.3	54.0	22.0 [0.0, 64.3]

Arkansas		74	9,187	124.1	101.6	32.7 [25.5, 39.9]
California		293	441,595	1507.2	290.5	32.3 [28.6, 36.0]
Colorado		226	69,031	305.4	300.9	35.3 [30.3, 40.3]
Connecticut		77	829	10.8	3.4	48.2 [39.3, 57.1]
DC		N/A	191	23.9	20.8	37.9 [0.0, 76.4]
Delaware		28	16,165	577.3	571.2	37.6 [24.0, 51.2]
Florida		166	67,446	406.3	121.7	25.7 [21.4, 30.1]
Georgia		107	15,149	141.6	50.3	31.8 [25.1, 38.5]
Hawaii		76	14,787	194.6	112.2	14.9 [9.6, 20.2]
Idaho		41	101,753	2481.8	647.8	25.2 [17.3, 33.2]
Illinois		159	2,607	16.4	8.5	59.6 [54.0, 65.2]
Indiana		216	4,254	19.7	10.7	64.5 [59.8, 69.2]
Iowa		61	1,260	20.7	6.3	51.9 [43.1, 60.7]
Kansas		43	595	13.8	4.4	37.0 [27.5, 46.4]
Kentucky		112	1,566	14.0	2.9	42.3 [35.8, 48.9]
Louisiana		23	9,835	427.6	332.5	25.6 [14.1, 37.1]
Maine		166	35,827	215.8	117.4	40.0 [34.3, 45.6]
Maryland		192	17,974	93.6	83.4	42.2 [37.0, 47.4]
Massachusetts		196	9,542	48.7	36.9	52.2 [46.7, 57.7]
Michigan		460	26,755	58.2	21.6	69.5 [66.4, 72.5]
Minnesota		140	112,859	806.1	496.4	56.3 [50.1, 62.5]
Mississippi		23	105,995	4608.5	2971.7	26.0 [16.2, 35.9]
Missouri		97	1,418	14.6	3.9	32.3 [25.9, 38.6]
Montana		28	29,815	1064.8	513.3	24.7 [12.7, 36.8]
Nebraska		16	79,252	4953.3	4258.6	54.1 [33.9, 74.3]
Nevada		12	686	57.2	37.8	38.8 [16.9, 60.6]
New Hampshire		74	535	7.2	2.5	56.8 [48.0, 65.6]
New Jersey		197	21,199	107.6	83.1	37.8 [32.8, 42.9]

New Mexico		23	127	5.5	1.5	23.1 [8.8, 37.4]
New York		212	28,936	136.5	79.6	48.0 [43.2, 52.7]
North Carolina		292	71,973	246.5	232.9	34.5 [30.4, 38.6]
North Dakota		32	187,245	5851.4	1036.3	22.2 [16.5, 27.8]
Ohio		486	19,983	41.1	32.9	54.9 [51.5, 58.3]
Oklahoma		34	14,455	425.1	291.1	28.9 [17.2, 40.6]
Oregon		223	54,750	245.5	82.2	38.0 [32.9, 43.0]
Pennsylvania		1,080	31,452	29.1	15.6	50.0 [47.7, 52.4]
Rhode Island		24	207	8.6	3.9	34.3 [18.9, 49.7]
South Carolina		155	2,960	19.1	7.7	29.5 [24.2, 34.7]
South Dakota		17	82,675	4863.2	3966.4	43.3 [26.0, 60.6]
Tennessee		102	1,444	14.2	4.1	32.0 [25.3, 38.7]
Texas		82	148,511	1811.1	862.5	22.7 [17.1, 28.2]
Utah		61	8,661	142.0	73.4	38.7 [29.5, 47.9]
Vermont		104	1,707	16.4	9.0	47.2 [39.6, 54.7]
Virginia		796	22,171	27.9	20.1	36.0 [33.4, 38.5]
Washington		161	86,549	537.6	193.9	37.9 [32.3, 43.5]
West Virginia		75	1,151	15.3	3.5	42.0 [34.0, 49.9]
Wisconsin		183	48,037	262.5	106.4	57.7 [52.2, 63.1]
Wyoming		11	20,861	1896.5	820.7	38.2 [17.7, 58.6]

Comments About This Data

Relevant Links, References, and Citations



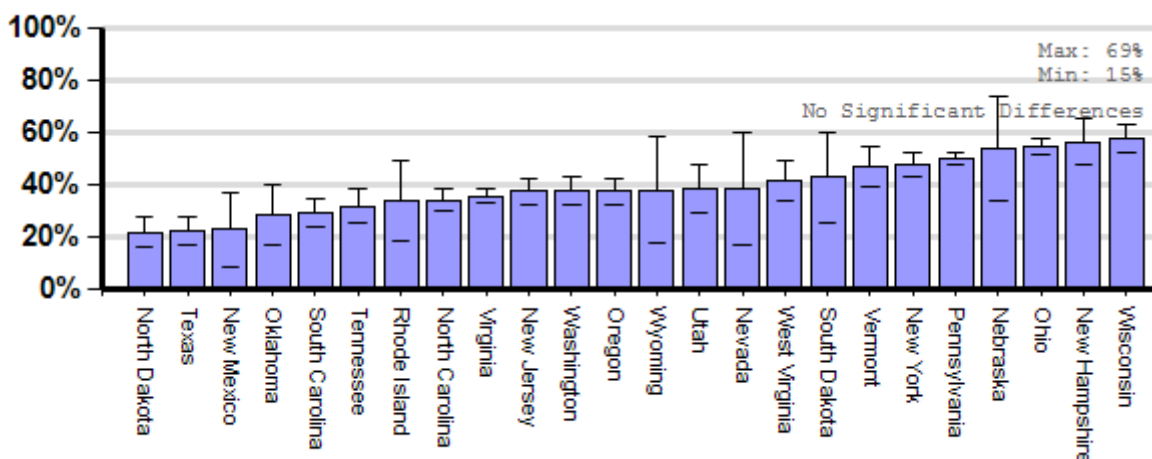
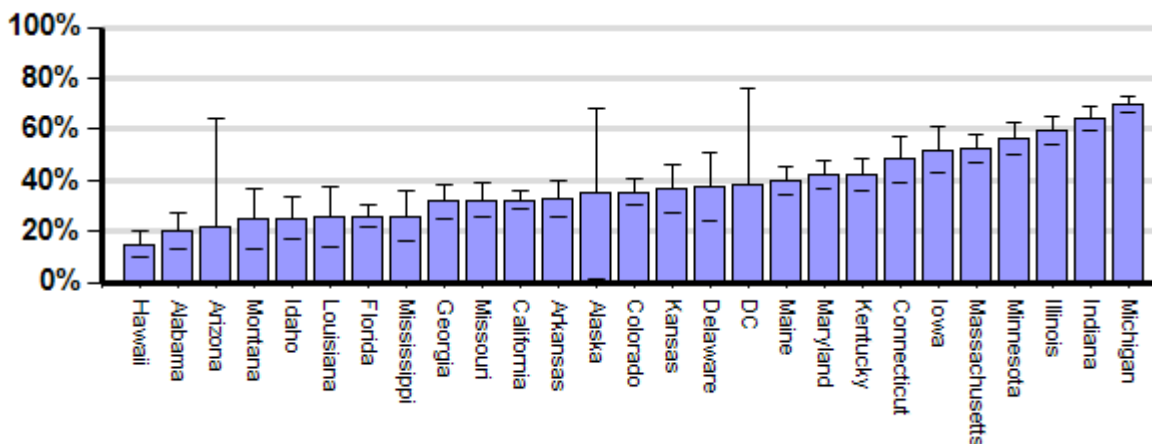
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States By Losses

A comparison of average winter colony mortality among beekeepers in different states across the United States, between April and March.

Winter
Report ID: 293-2014



Interpretation

There are some significant differences between states.

Survey Question

In what states did you keep your colonies in between April 1, 2013 and March, 2014?

		Total Number of Respondents Providing Valid Responses	Total Number of Colonies Managed	Average Number of Colonies Managed		Average Colony Loss
				Mean	Standard Error	Mean(%) [Lower, Upper] CI
Hawaii		76	14,787	194.6	112.2	14.9 [9.6, 20.2]
Alabama		39	696	17.8	9.6	20.2 [13.3, 27.1]
Arizona		N/A	362	60.3	54.0	22.0 [0.0, 64.3]

North Dakota		32	187,245	5851.4	1036.3	22.2 [16.5,27.8]
Texas		82	148,511	1811.1	862.5	22.7 [17.1,28.2]
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Montana		28	29,815	1064.8	513.3	24.7 [12.7,36.8]
Idaho		41	101,753	2481.8	647.8	25.2 [17.3,33.2]
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New Jersey		197	21,199	107.6	83.1	37.8 [32.8,42.9]
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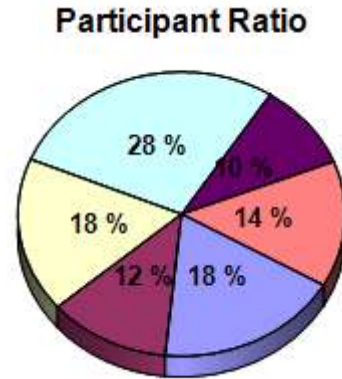
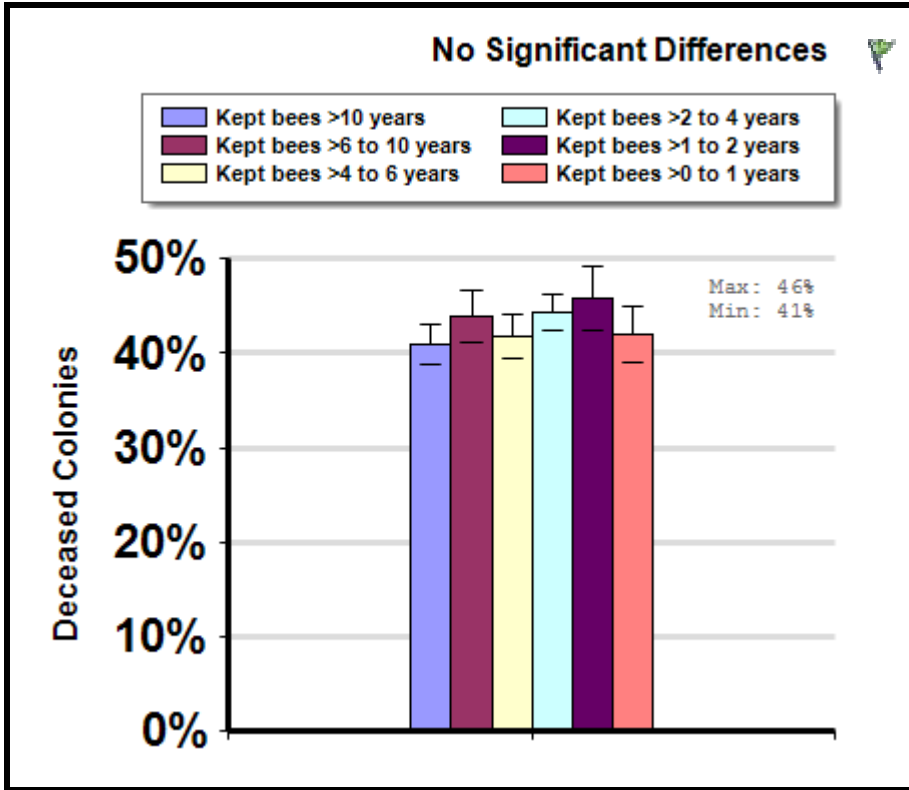


Years as Beekeeper

A comparison of average winter colony mortality among beekeepers based on the number of years they have kept colonies.

Winter

Report ID: 312-2014



Interpretation

There are no significant differences between groups.

Survey Question

Approximately how many years have you been beekeeping?

		Total Number of Respondents Providing Valid Responses	Total Number of Colonies Managed	Average Number of Colonies Managed		Average Colony Loss
				Mean	Standard Error	Mean(%) [Lower, Upper] CI
Years as Beekeeper	Kept bees >0 to 1 years	752	1,966	2.6	0.1	42.0 [38.9, 45.0]
	Kept bees >1 to 2 years	517	1,828	3.5	0.2	45.8 [42.4, 49.3]
	Kept bees >10 years	957	455,699	476.2	92.1	41.0 [38.9, 43.1]
	Kept bees >2 to 4 years	1,457	8,988	6.2	0.4	44.3 [42.3, 46.3]

Kept bees >4 to 6 years	923	13,532	14.7	3.4	41.7 [39.4, 44.1]
Kept bees >6 to 10 years	633	16,986	26.8	7.3	44.0 [41.2, 46.7]

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