



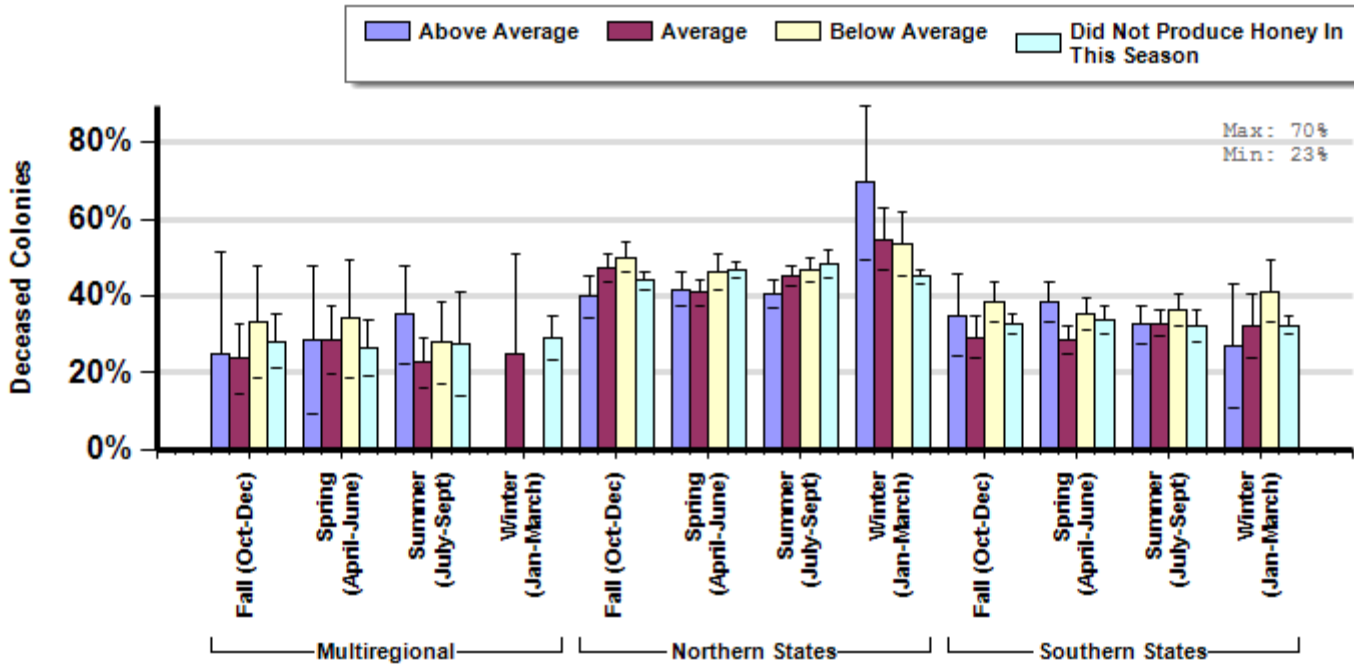
Honey Production by Region

Winter

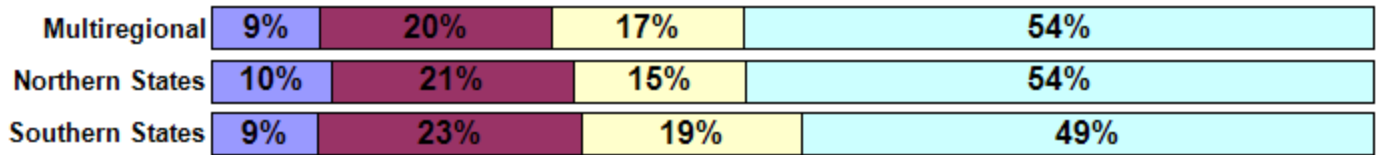
Average winter colony mortality suffered by beekeepers in comparison to amount of honey produced in April and March.

Report ID: 95-
2015

Some Significant Differences (within regions)



Respondent Ratio



Interpretation

Northern beekeepers who reported above average honey production in the winter months (Jan-Mar) saw 25 more overwintering colony deaths out of 100 managed colonies (35.7% more losses) than northern beekeepers who did not produce honey in this season. Also, southern beekeepers who experienced above average honey production in the spring months (Apr-Jun) saw 10 more overwintering colony deaths out of 100 managed colonies (25.6% more losses) than southern beekeepers who reported average honey production in the spring months.

Survey Question

In your opinion would you say that the amount of honey you produced in the following seasons was above average, average, or below average?

- Did not produce honey this season
- Below Average
- Average
- Above Average

			Total Number of Respondents Providing Valid Responses	Total Number of Colonies Managed	Average Number of Colonies Managed		Average Colony Loss Mean(%) [Lower, Upper] CI	
					Mean	Standard Error		
Multiregional	Fall (Oct-Dec)	Above Average	5	15,268	3053.6	2987.0	25 [0.0, 51.6]	
		Average	18	8,869	492.7	293.3	24 [14.5, 32.9]	
		Below Average	20	4,831	241.6	100.9	33 [18.5, 47.9]	
		Did Not Produce Honey In This Season	63	107,929	1713.2	450.8	28 [21.1, 35.1]	
	Spring (April-June)	Above Average	10	7,833	783.3	483.4	29 [9.4, 47.9]	
		Average	25	35,816	1432.6	743.2	29 [19.8, 37.3]	
		Below Average	17	2,146	126.2	54.1	34 [18.9, 49.2]	
		Did Not Produce Honey In This Season	59	108,723	1842.8	478.0	27 [19.4, 34.0]	
	Summer (July-Sept)	Above Average	25	37,766	1510.6	445.0	35 [22.2, 47.9]	
		Average	36	130,040	3612.2	1782.6	23 [16.3, 29.0]	
		Below Average	34	38,495	1132.2	655.6	28 [17.4, 38.3]	
		Did Not Produce Honey In This Season	17	4,757	279.8	262.6	27 [14.0, 40.8]	
	Winter (Jan-March)	Average	6	284	47.3	25.4	25 [0.0, 51.0]	
		Did Not Produce Honey In This Season	94	133,762	1423.0	345.7	29 [23.4, 34.5]	
	Northern States	Fall (Oct-Dec)	Above Average	165	2,000	12.1	1.9	40 [34.4, 45.3]
			Average	345	11,040	32.0	19.1	47 [43.7, 51.1]
Below Average			315	4,492	14.3	4.3	50 [46.1, 53.8]	
Did Not Produce Honey In This			1,002	16,890	16.9	5.1	44 [41.8, 46.2]	

		Season					
	Spring (April-June)	Above Average	211	2,970	14.1	1.8	42 [37.3, 46.3]
		Average	361	5,997	16.6	4.1	41 [37.3, 44.4]
		Below Average	223	16,136	72.4	36.7	46 [41.8, 50.8]
		Did Not Produce Honey In This Season	1,085	10,629	9.8	1.3	47 [44.7, 49.1]
	Summer (July-Sept)	Above Average	357	4,481	12.6	2.8	41 [37.0, 44.1]
		Average	737	15,640	21.2	6.9	45 [42.6, 47.7]
		Below Average	472	19,344	41.0	20.7	47 [43.4, 49.8]
		Did Not Produce Honey In This Season	365	4,566	12.5	4.4	48 [44.5, 52.0]
	Winter (Jan-March)	Above Average	18	106	5.9	2.4	70 [49.5, 89.6]
		Average	71	7,414	104.4	91.6	55 [46.5, 63.1]
		Below Average	73	769	10.5	1.7	54 [45.2, 62.1]
		Did Not Produce Honey In This Season	1,488	24,469	16.4	3.6	45 [43.4, 47.0]
Southern States	Fall (Oct-Dec)	Above Average	45	3,229	71.8	64.3	35 [24.4, 45.7]
		Average	140	2,877	20.6	6.7	29 [23.8, 34.6]
		Below Average	155	5,688	36.7	21.3	39 [33.5, 43.6]
		Did Not Produce Honey In This Season	550	24,573	44.7	23.5	33 [30.2, 35.3]
	Spring (April-June)	Above Average	140	2,062	14.7	2.7	39 [33.5, 43.8]
		Average	283	4,321	15.3	1.9	29 [25.1, 32.3]
		Below Average	216	17,045	78.9	29.1	35 [31.4, 39.6]
		Did Not Produce Honey In This Season	304	14,647	48.2	39.8	34 [30.4, 37.5]
		Summer (July-	Above	133	2,527	19.0	4.3

Sept)	Average					
	Average	330	4,910	14.9	4.1	33 [29.4, 36.4]
	Below Average	242	27,338	113.0	55.9	36 [32.2, 40.3]
	Did Not Produce Honey In This Season	243	2,738	11.3	1.7	32 [28.1, 36.2]
Winter (Jan-March)	Above Average	12	85	7.1	2.0	27 [10.9, 42.9]
	Average	63	1,354	21.5	6.1	32 [23.8, 40.6]
	Below Average	74	4,405	59.5	44.5	41 [33.1, 49.5]
	Did Not Produce Honey In This Season	682	29,497	43.3	19.4	32 [29.9, 34.6]

Comments About This Data

Relevant Links, References, and Citations



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