



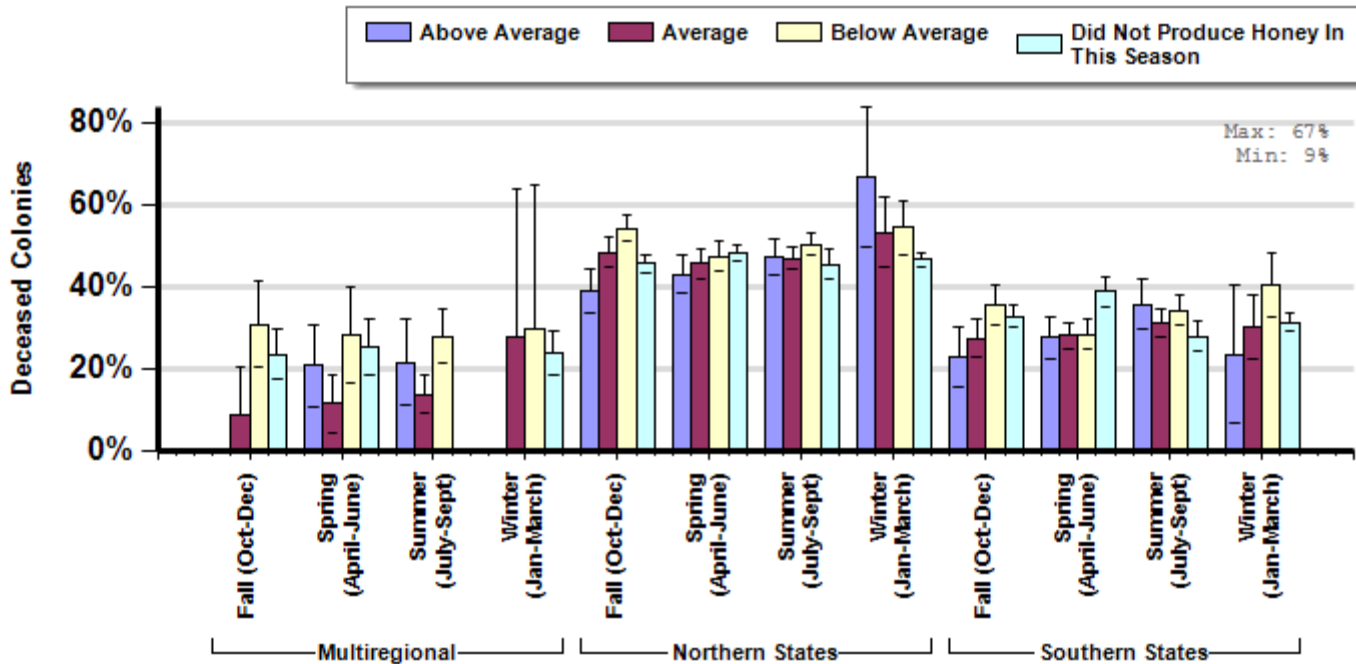
Honey Production by Region

Winter

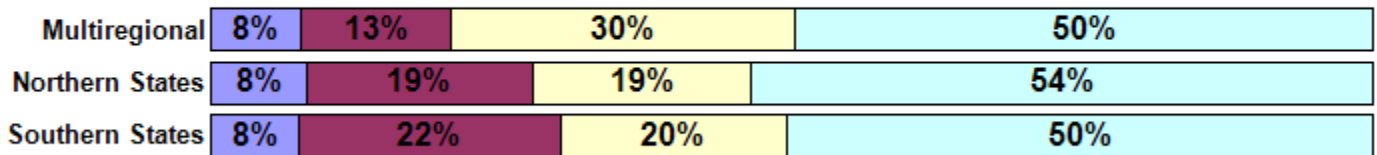
Average winter colony mortality suffered by beekeepers in comparison to amount of honey produced in April and March.

Report ID: 95-2014

Some Significant Differences (within regions)



Respondent Ratio



Interpretation

Northern beekeepers who reported above average honey production during the winter months (Jan-March) saw 21 more overwintering colony deaths per 100 managed colonies than northern beekeepers who did not produce honey during the winter season. In other words, northern beekeepers who reported above average honey production during winter lost 31.3% more colonies than those who did not produce honey. Northern beekeepers who reported below average honey production during the fall months (Oct-Dec) saw 8 more overwintering colony deaths per 100 managed colonies than northern beekeepers who did not produce honey during the fall season. In other words, northern beekeepers who reported below average honey production during fall lost 14.8% more colonies than those who did not produce honey.

Southern beekeepers who reported below average honey production during the spring months (April-June) saw 11 less overwintering colony deaths per 100 managed colonies than southern beekeepers who did not produce honey during the spring season. In other words, southern beekeepers who reported below average honey production during spring lost 28.2% less colonies than those who did not produce honey. Southern beekeepers who reported above average honey production during the fall months (Oct-Dec) saw 10 less overwintering colony deaths per 100 managed colonies than southern beekeepers who did not produce honey during the fall season. In other words, southern beekeepers who reported above average honey production during fall lost 30.3% less colonies than those who did not produce honey.

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	Standard Error	Mean(%) [Lower, Upper] CI
Northern States	Fall (Oct-Dec)	Above Average	172	2,007	11.7	1.8	39 [33.5, 44.2]
		Average	401	4,935	12.3	3.1	48 [44.5, 51.8]
		Below Average	459	9,076	19.8	3.6	54 [51.0, 57.3]
		Did Not Produce Honey In This Season	1,115	17,475	15.7	4.0	46 [43.4, 47.8]
	Spring (April-June)	Above Average	206	4,722	22.9	5.5	43 [38.6, 47.4]
		Average	407	5,009	12.3	1.2	46 [42.0, 49.1]
		Below Average	341	7,025	20.6	3.7	47 [43.6, 50.8]
		Did Not Produce Honey In This Season	1,237	18,763	15.2	3.8	48 [46.1, 50.3]
	Summer (July-Sept)	Above Average	299	3,973	13.3	2.0	47 [43.0, 51.5]
		Average	771	13,829	17.9	5.7	47 [44.2, 49.5]
		Below Average	697	14,801	21.2	3.3	50 [47.8, 52.8]
		Did Not Produce Honey In This Season	460	3,242	7.0	0.6	45 [42.0, 48.9]
	Winter (Jan-March)	Above Average	17	235	13.8	4.6	67 [49.4, 83.9]
		Average	68	475	7.0	1.2	53 [44.6, 61.8]

		Below Average	101	1,270	12.6	1.6	54[47.7,60.8]
		Did Not Produce Honey In This Season	1,722	27,181	15.8	2.8	46[44.7,48.2]
Southern States	Fall (Oct-Dec)	Above Average	45	630	14.0	2.7	23[15.6,30.1]
		Average	166	12,659	76.3	47.7	27[22.7,32.1]
		Below Average	172	5,746	33.4	12.8	36[30.7,40.4]
		Did Not Produce Honey In This Season	627	23,998	38.3	15.7	33[30.2,35.3]
	Spring (April-June)	Above Average	119	10,560	88.7	64.3	28[22.3,32.7]
		Average	329	7,868	23.9	8.3	28[24.8,31.3]
		Below Average	247	21,654	87.7	39.8	28[24.6,32.1]
		Did Not Produce Honey In This Season	379	6,198	16.4	4.7	39[35.2,42.5]
	Summer (July-Sept)	Above Average	137	3,659	26.7	12.2	36[29.6,41.7]
		Average	369	11,350	30.8	12.5	31[27.8,34.4]
		Below Average	313	18,101	57.8	28.6	34[30.6,37.8]
		Did Not Produce Honey In This Season	258	12,979	50.3	30.7	28[24.1,31.5]
	Winter (Jan-March)	Above Average	12	105	8.8	2.5	24[6.9,40.2]
		Average	62	1,080	17.4	5.9	30[22.2,37.9]
		Below Average	75	1,011	13.5	5.6	40[32.5,48.4]
		Did Not Produce Honey In This Season	819	41,736	51.0	15.7	31[29.1,33.5]
Multiregional	Fall (Oct-	Average	6	27,245	4540.8	2473.5	9[0.0,20.2]

	Dec)	Below Average	22	45,133	2051.5	605.8	31[20.3,41.4]
		Did Not Produce Honey In This Season	55	204,471	3717.7	646.1	24[17.3,29.7]
	Spring (April-June)	Above Average	13	44,060	3389.2	767.1	21[10.7,30.6]
		Average	12	43,113	3592.8	1515.3	11[4.6,18.3]
		Below Average	19	47,687	2509.8	732.9	28[16.7,40.1]
		Did Not Produce Honey In This Season	48	183,595	3824.9	721.4	25[18.4,32.3]
	Summer (July-Sept)	Above Average	14	54,061	3861.5	1592.1	22[11.0,32.2]
		Average	22	96,637	4392.6	987.8	14[9.0,18.6]
		Below Average	57	246,729	4328.6	1252.9	28[21.3,34.4]
	Winter (Jan-March)	Average	5	28,432	5686.4	2925.8	28[0.0,63.9]
		Below Average	5	8,910	1782.0	860.0	30[0.0,64.6]
		Did Not Produce Honey In This Season	70	222,531	3179.0	526.1	24[18.4,29.1]

Comments About This Data

Relevant Links, References, and Citations



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