
Research Report

THE MAINE SURVEY

Maine Board of Pesticides Control Special Questions

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METHODOLOGY

THE SAMPLE

The current Maine Survey is based on telephone interviews conducted from July 14th, 2010 – August 3rd, 2010 with 401 randomly selected adults throughout Maine. The sample of the telephone numbers called was based on a complete updated list of telephone prefixes (the first three digits in a seven-digit number) used throughout the state. The sample was generated using software provided by GENESYS Sampling Systems. This software ensures that every residential telephone number has an equal probability of selection. When a working residential number was called, an adult age 18 or older in the household was randomly selected to complete the interview. The results of this survey are considered generalizable to Maine households with telephones.

SAMPLING ERROR

The percentages reported for the entire sample are within plus or minus 4.9% that would be found if all telephone households in Maine were interviewed. For example, if our survey showed that 50% of the sample heard about the new Maine Pesticide Notification Registry which requires farm managers to inform registry participants about nearby pesticide applications, then the comparable figure for the population would be somewhere between 45.1% and 54.9% with a confidence level of 95%.

DATA WEIGHTING

The results presented in this report have been weighted to reflect the actual distribution of Mainers with respect to their age, gender and the region of the state where they reside. The weights are calculated by dividing the percentage of the Maine population in a given age, sex, and area group (for example, women who live in Cumberland County that are between 30 and 39 years of age) by the percentage of the sample belonging to the same group. Because percentages have been rounded to the nearest whole number, they do not always sum exactly to 100%. In addition, multiple-response questions take into account all responses mentioned by respondents, therefore, percentages will not always sum exactly to 100%.

RESPONSE RATES:

Response Rate	42.8%
Respondent Cooperation Rate:	71.8%
Household Cooperation Rate:	62.2%
Household Refusal Rate	17.5%
Contact Rate	68.5%

Response Rate – Designated as the ratio of the number of completed interviews divided by the total number of eligible and unknown units in the sample. This is AAPOR RR3.

Cooperation rates – This represents the proportion of all cases interviewed of all eligible units ever contacted. That is, what percent of identified respondents (and households for which we knew the respondent was a resident) ended up completing the interview. This includes cases where a respondent refused to do the survey, began but did not complete the survey, cases where a respondent wished to complete the survey at another time but did not end up completing the survey, respondents who did not speak English, and respondents who were infirm. It is broken in household cooperation (a member of the household was spoken with) and respondent cooperation (the actual client was at some time spoken with).

Household Refusal rate – The household refusal rate represents the proportion of all cases in which a household member or the respondent refuses to be interviewed, or breaks-off an interview, of all potentially eligible cases. The refusal rate includes hard and soft refusals.

Contact rate - A contact rate measures the proportion of all cases in which some responsible member of the housing unit was reached by the survey.

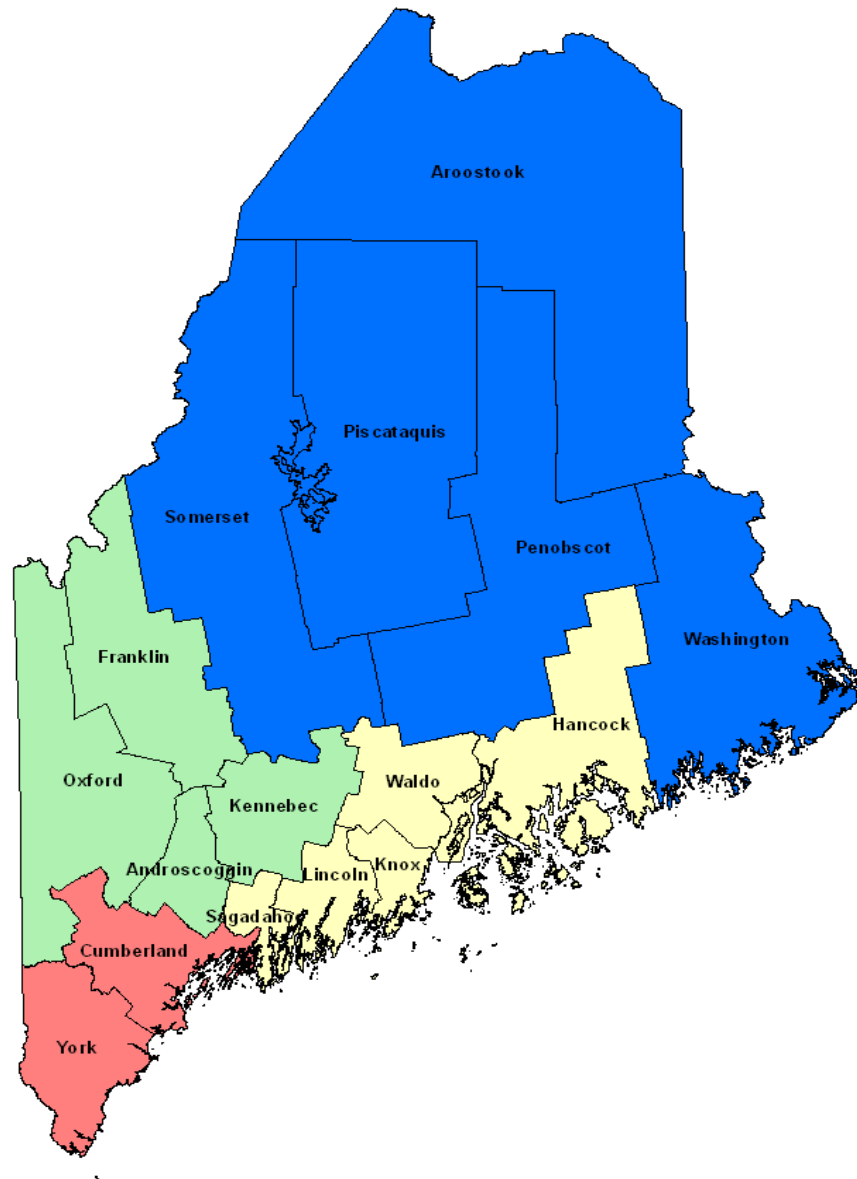
COUNTIES THAT MAKE UP SOUTHERN, COASTAL, CENTRAL AND NORTHERN MAINE:

Southern – Cumberland, York Counties

Coastal – Sagadahoc, Lincoln, Knox, Waldo, Hancock Counties

Central – Androscoggin, Oxford, Kennebec, Franklin Counties

Northern – Aroostook, Penobscot, Washington, Piscataquis, Somerset Counties



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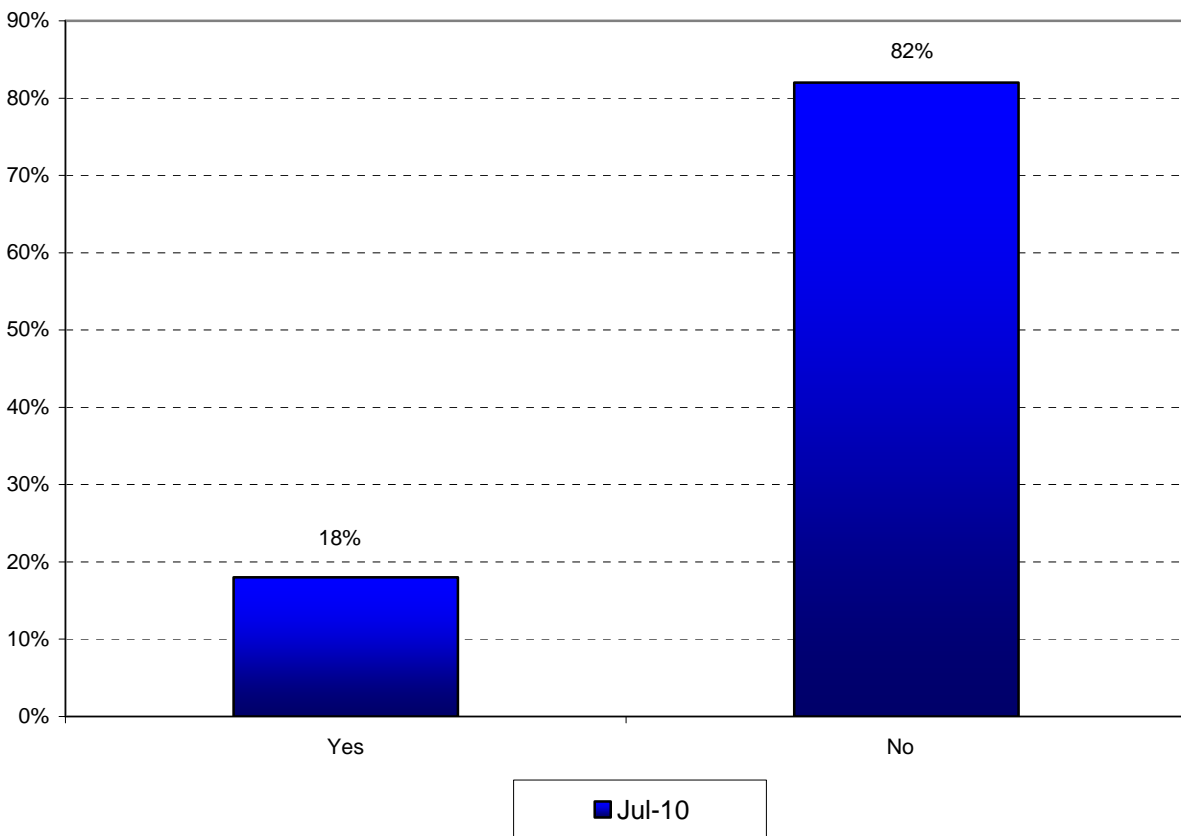
KEY FINDING

- Nearly one in five Mainers (18%) has heard about the new Maine Pesticide Notification Registry which requires farm managers to inform registry participants about nearby pesticide applications; 82% has not.

SUMMARY OF RESULTS

Nearly one in five Mainers (18%) has heard about the new Maine Pesticide Notification Registry which requires farm managers to inform registry participants about nearby pesticide applications; 82% has not.

PEST1: Have you heard about the new Maine Pesticide Notification Registry which requires farm managers to inform registry participants about nearby pesticide applications?



Comments:

Nearly one in five Mainers (18%) has heard about the new Maine Pesticide Notification Registry which requires farm managers to inform registry participants about nearby pesticide applications; 82% has not.

Significant Differences by Group (Using the Pearson Chi-Square Test)*:

- Men were more likely than women (22% vs. 14%) to indicate that they have heard of the new Maine Pesticide Notification Registry.
- Those with a college degree or more (24%) were more likely than those with a high school education or less (11%) to indicate that they have heard of the new Maine Pesticide Notification Registry.
- Those residing in Northern Maine (23%) were more likely than those residing in Central Maine (9%) to indicate that they have heard of the new Maine Pesticide Notification Registry.

* Percents and information for *Significant Differences by Group* can be found in Cross Tabulations, page 9.

FREQUENCY

PEST1 - Have you heard about the new Maine Pesticide Notification Registry which requires farm managers to inform registry participants about nearby pesticide applications?

		Count	%
pest1	Yes	73	18%
	No	329	82%
	Total	401	100%

CROSS TABULATIONS OF SURVEY ITEM

PEST1 - Have you heard about the new Maine Pesticide Notification Registry which requires farm managers to inform registry participants about nearby pesticide applications?

		Age												Gender					
		18-29		30-39		40-49		50-59		60+		DK/REF		Female		Male			
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%		
pest1	Yes	73	18%	13	18%	8	13%	13	15%	15	21%	21	22%	2	20%	30	14%	43	22%
	No	329	82%	60	82%	57	87%	73	85%	57	79%	74	78%	8	80%	179	86%	150	78%
	Total	401	100%	73	100%	65	100%	85	100%	73	100%	95	100%	10	100%	209	100%	193	100%

PEST1 - Have you heard about the new Maine Pesticide Notification Registry which requires farm managers to inform registry participants about nearby pesticide applications?

		Income						Education							
		< \$30K		\$30K - \$60K		> \$60K		High school or less		Some college		College graduated and above			
		n	%	n	%	n	%	n	%	n	%	n	%		
pest1	Yes	73	18%	17	13%	15	14%	28	21%	16	11%	21	21%	35	24%
	No	329	82%	113	87%	90	86%	101	79%	134	89%	82	79%	112	76%
	Total	401	100%	130	100%	105	100%	129	100%	150	100%	103	100%	147	100%

PEST1 - Have you heard about the new Maine Pesticide Notification Registry which requires farm managers to inform registry participants about nearby pesticide applications?

		Area of the state									
		SOUTH		COASTAL		CENTRAL		NORTH			
		n	%	n	%	n	%	n	%		
pest1	Yes	73	18%	28	20%	15	22%	10	9%	20	23%
	No	329	82%	116	80%	50	78%	98	91%	64	77%
	Total	401	100%	145	100%	65	100%	108	100%	84	100%