

Food Safety and Biosecurity

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V(A). Planned Program (Summary)

1. Name of the Planned Program

Food Safety and Biosecurity

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources.			100%	
	Total			100%	

V(C). Planned Program (Inputs)

1. Actual amount of professional FTE/SYs expended this Program

Year: 2008	Extension		Research	
	1862	1890	1862	1890
Plan	0.0	0.0	2.0	0.0
Actual	0.0	0.0	1.4	0.0

2. Actual dollars expended in this Program (includes Carryover Funds from previous years)

Extension		Research	
Smith-Lever 3b & 3c	1890 Extension	Hatch	Evans-Allen
0	0	183072	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	0	250947	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	0	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

The expected outputs (i.e., activities, services, and events that reach people) are designed to assist a broad, diverse group of stakeholders by mainly disseminating scientific information to the public through the media, publications, and exhibits. People will have equality of service and ease of access to scientific results. The state-generated outputs include numbers of food samples tested, scientific publications, and talks and interviews. The following activities are planned: (1) staff members will disseminate new information on analytical test results to visitors at open house events and in scientific displays at agricultural fairs and (2) oral presentations will be given to civic groups. Direct interactions with a broad base of stakeholders provide a mechanism for public input on the research program. Non-traditional stakeholders are reached at agricultural fairs when they visit Station displays. Two open houses are scheduled annually on Station properties to allow the public to hear oral presentations on research results and to offer comments. Results of these activities will lead to specific outcomes, such as removing tainted or adulterated food items from the markets.

2. Brief description of the target audience

A diverse group of targeted audiences includes: state and federal public health officials and regulators, state and federal legislators and their staff members, food producers and importers, managers of supermarkets, educators, extension specialists, researchers in the food sciences, and the general public. Women, members of minority organizations, and children are examples of under-represented and under-served groups.

V(E). Planned Program (Outputs)

1. Standard output measures

Target for the number of persons (contacts) reached through direct and indirect contact methods

	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
Plan	1000	1000	1000	500
2008	2482	20200	233	4030

2. Number of Patent Applications Submitted (Standard Research Output)

Patent Applications Submitted

Year	Target
Plan:	0
2008:	0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

	Extension	Research	Total
Plan	0	1	
2008	0	1	1

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

Total research papers

Year	Target	Actual
2008	3	4

Output #2

Output Measure

of talks and interviews

Year	Target	Actual
2008	20	35

Output #3

Output Measure

of tests performed

Year	Target	Actual
2008	700	694

V(G). State Defined Outcomes

O No.	Outcome Name
1	# of stakeholders gaining knowledge of food safety
2	# state regulatory agencies applying decisions on testing results

Outcome #1

1. Outcome Measures

Not reporting on this Outcome for this Annual Report

2. Associated Institution Types

3a. Outcome Type:

3b. Quantitative Outcome

Year	Quantitative Target	Actual
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3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

What has been done

Results

4. Associated Knowledge Areas

KA Code	Knowledge Area
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V(H). Planned Program (External Factors)

External factors which affected outcomes

Appropriations changes

Competing Programmatic Challenges

Brief Explanation

One scientist retired on August 1, 2008 and with the current hiring freeze in place, special approval to refill this vacancy was given by the Governor in October, but the position could not be filled because of declining state revenues and growing state deficits. However, outcomes were not affected. Analytical equipment operated normally. Planned program objectives were met.

V(I). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

During (during program)

Evaluation Results

Information on research and service results was obtained "during the program" evaluations at public meetings (1 Open House and a special public meeting held on melamine in food), civic groups' meetings, and at Station exhibits received positive feedback from stakeholders. There was sufficient interest among media reporters, and at least 2 articles were written for the New Haven Register and Hartford Courant. Observations made during interviews with stakeholders revealed positive stakeholder sentiment about program effectiveness and value. Special permission was given by the Governor and the Office of Policy and Management to hire a chemist to fill a vacancy during a hiring freeze.

Key Items of Evaluation

The key items of evaluation and data collection were as follows: media reporters' responses upon learning about research and service findings and verbal responses received from stakeholders at public meetings. The Citation Index indicated that 22 articles, written by 5 scientists and covering 33 years of work, were recognized and cited by scientists in this field (total cumulative citations = 596).