APPENDIX B

INSTITUTIONAL DEMAND AND INFRASTRUCTURE MAPS

SCALING UP VERMONT'S LOCAL FOOD PRODUCTION, DISTRIBUTION, AND MARKETING

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NOFA Vermont, Vermont Food Education Every Day

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MAPS PRODUCED BY Dan Erickson, Advanced Geospatial Systems, LLC

CONTRIBUTING RESEARCH PROVIDED BY Florence Bécot & David Conner, University of Vermont



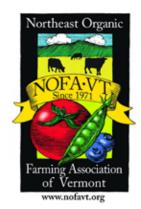
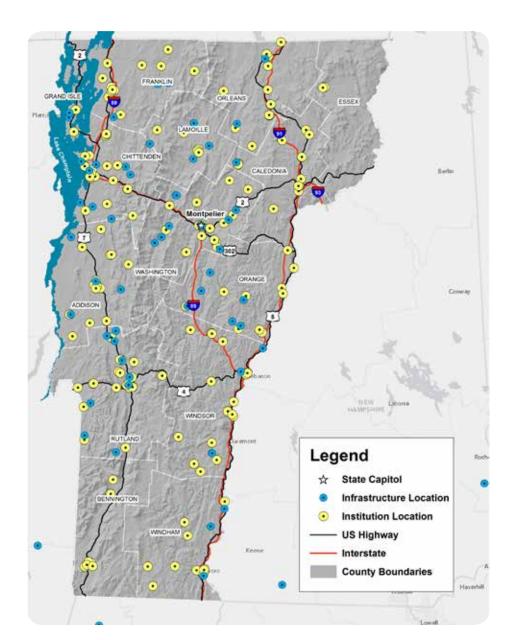


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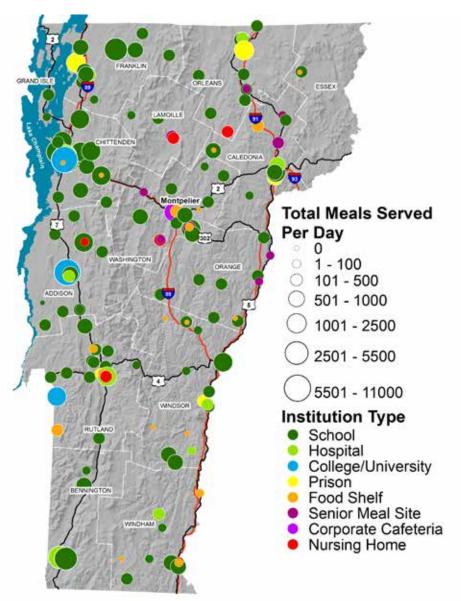
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INSTITUTIONAL DEMAND MAPS

INSTITUTIONAL DEMAND AND INFRASTRUCTURE POINT LOCATIONS



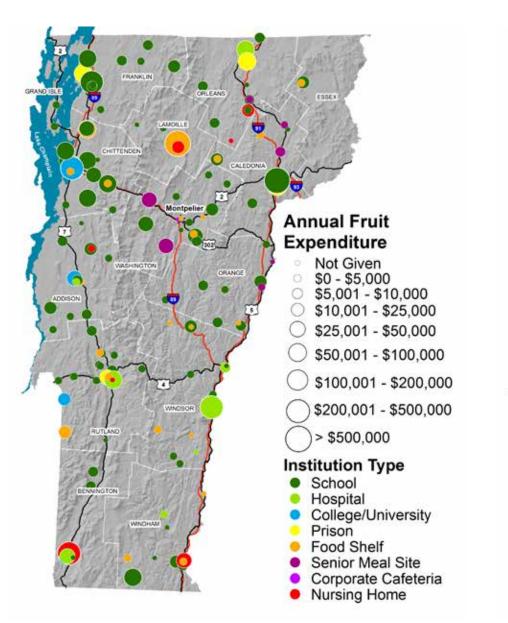
TOTAL NUMBER OF MEALS SERVED DAILY BY INSTITUTION TYPE

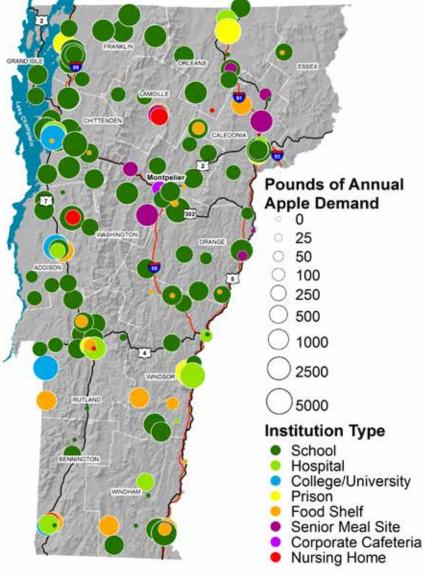


FRUIT DEMAND MAPS

ANNUAL EXPENDITURE ON FRUIT IN DOLLARS

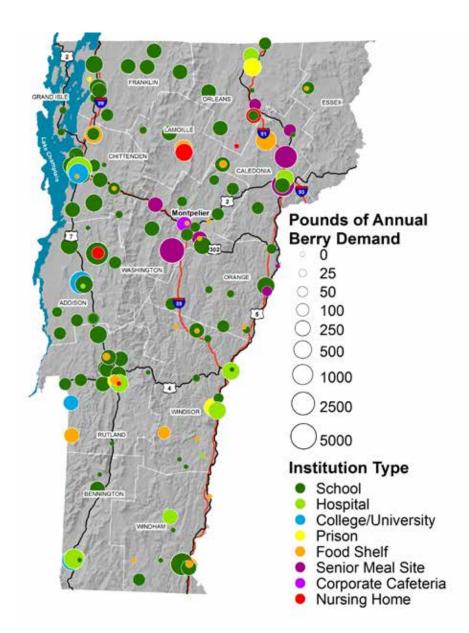
ANNUAL APPLE DEMAND IN POUNDS BY INSTITUTION TYPE

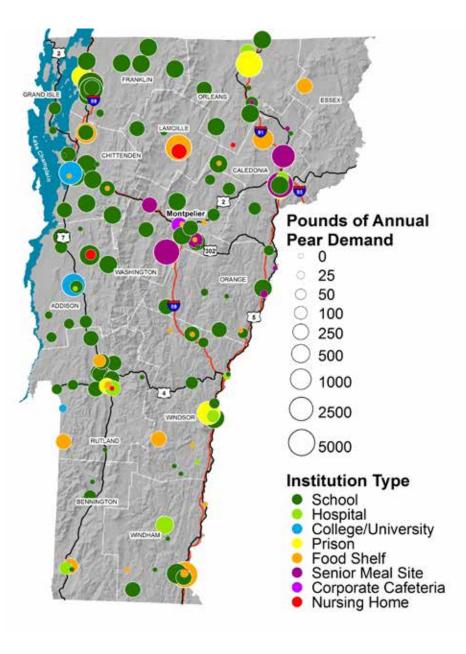




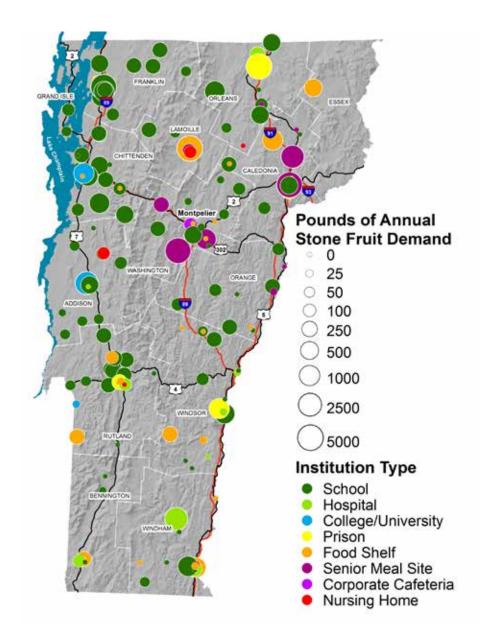
ANNUAL BERRY DEMAND IN POUNDS BY INSTITUTION TYPE

ANNUAL PEARS DEMAND IN POUNDS BY INSTITUTION TYPE

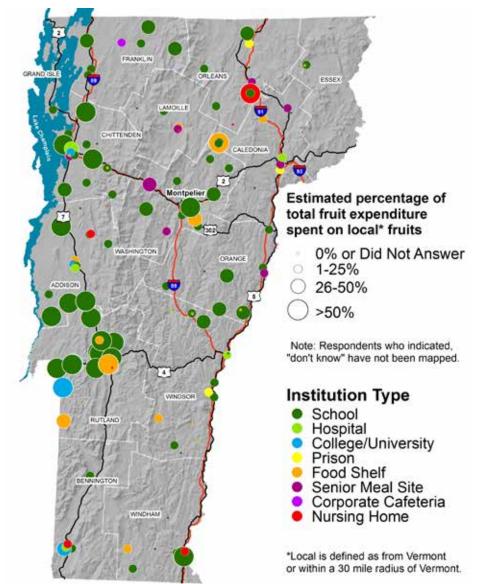




ANNUAL STONE FRUIT DEMAND IN POUNDS BY INSTITUTION TYPE



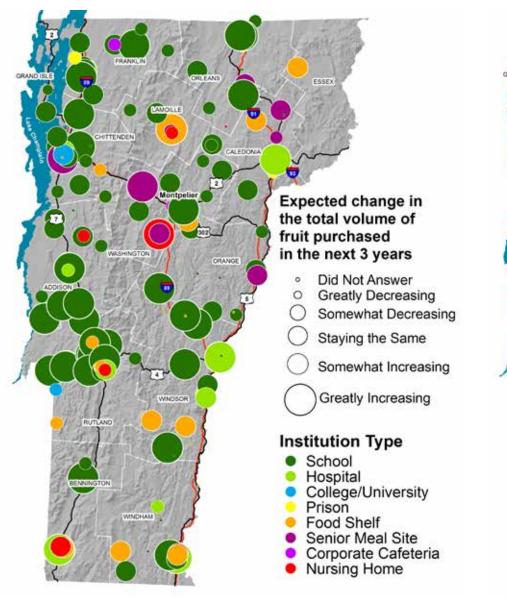
PERCENTAGE OF TOTAL EXPENDITURE ON FRUIT SPENT ON LOCAL FRUIT

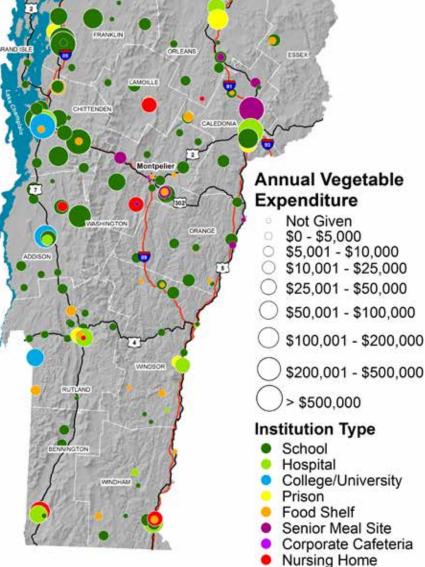


EXPECTED CHANGE IN THE TOTAL VOLUME OF FRUIT PURCHASED IN THE NEXT 3 YEARS

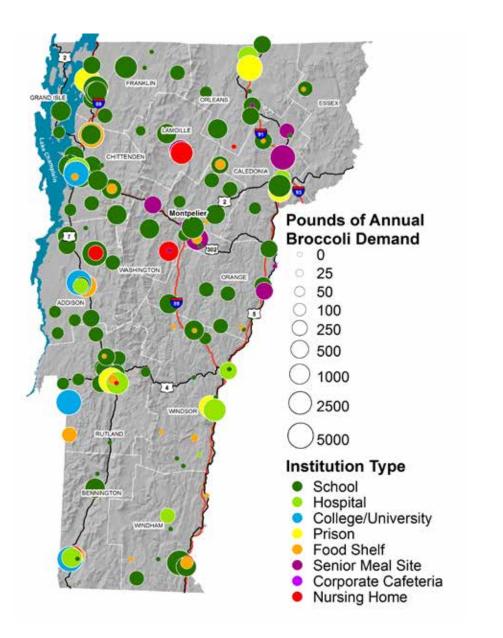
VEGETABLE DEMAND MAPS

ANNUAL EXPENDITURE ON VEGETABLES IN DOLLARS

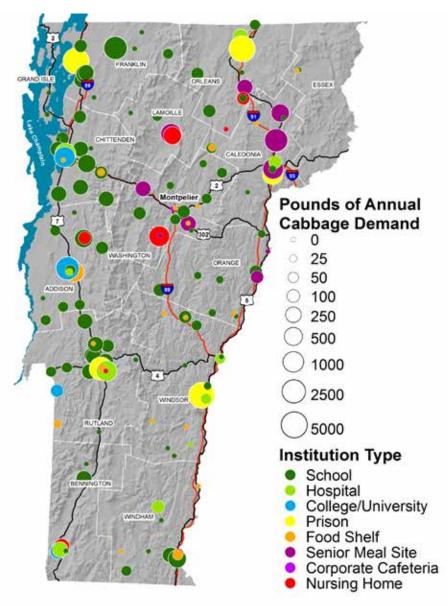




ANNUAL BROCCOLI DEMAND IN POUNDS BY INSTITUTION TYPE

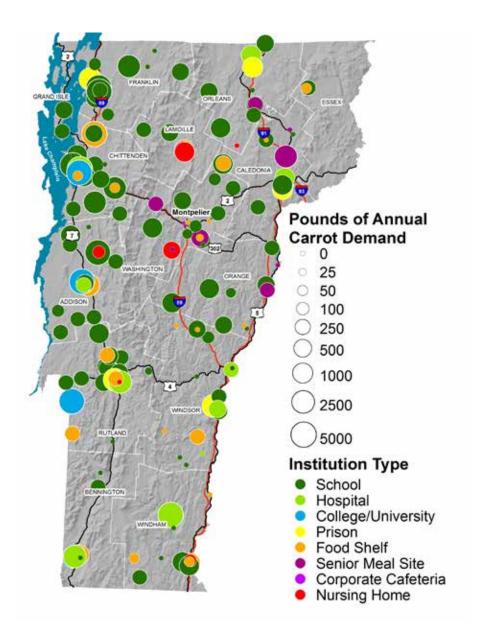


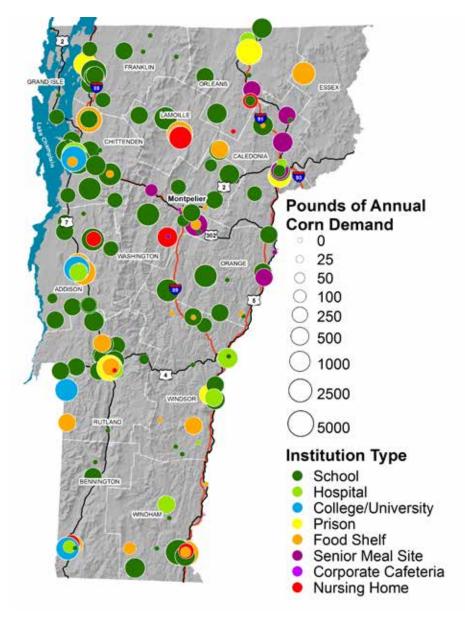
ANNUAL CABBAGE DEMAND IN POUNDS BY INSTITUTION TYPE



ANNUAL CARROT DEMAND IN POUNDS BY INSTITUTION TYPE



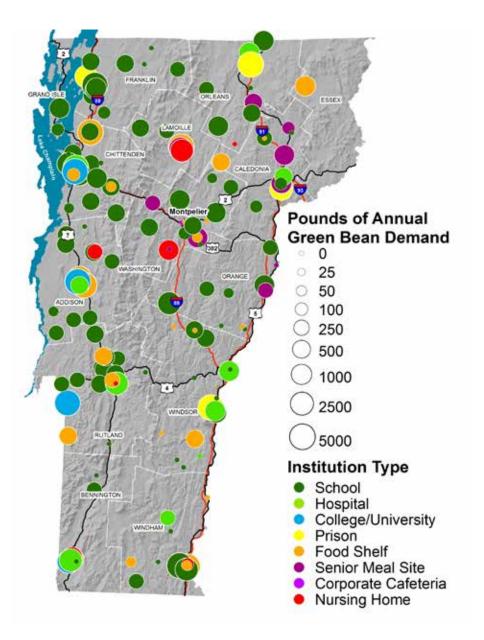




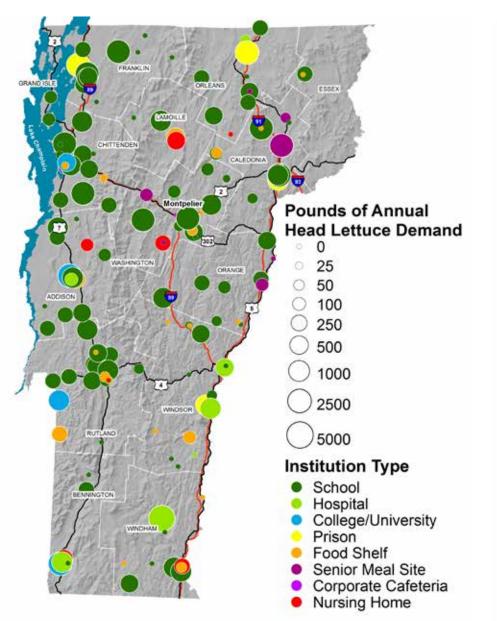
ANNUAL CUCUMBER DEMAND IN POUNDS BY INSTITUTION TYPE

2 **Pounds of Annual Cucumber Demand** 0 25 DRANG 50 ADD(S 0 100 250 500 1000 2500 MINDSOR 5000 Institution Type School . Hospital College/University Prison WINDHAM Food Shelf Senior Meal Site Corporate Cafeteria Nursing Home

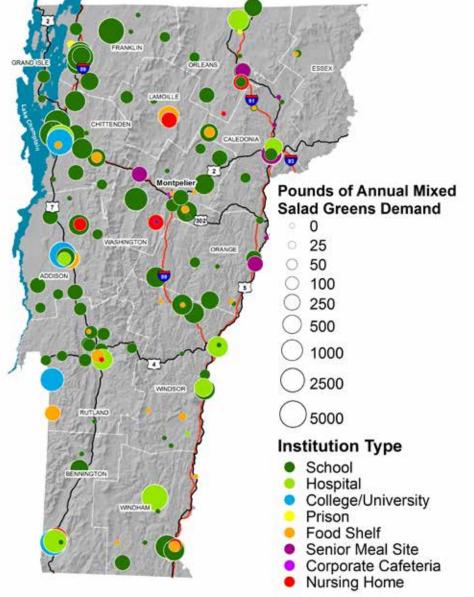
ANNUAL GREEN BEAN DEMAND IN POUNDS BY INSTITUTION TYPE



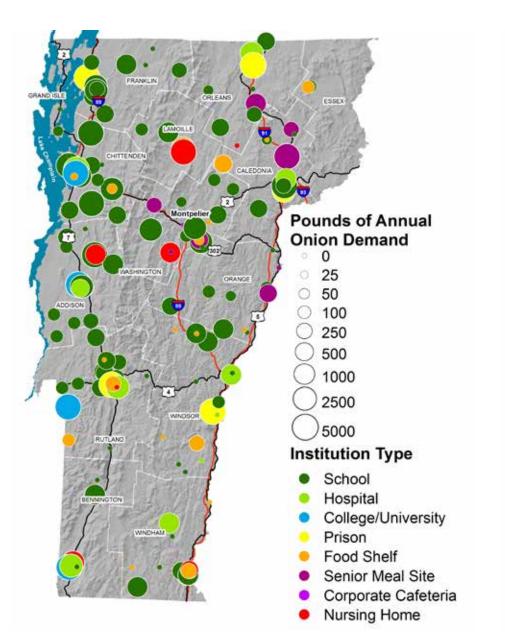
ANNUAL HEAD LETTUCE DEMAND IN POUNDS BY INSTITUTION TYPE



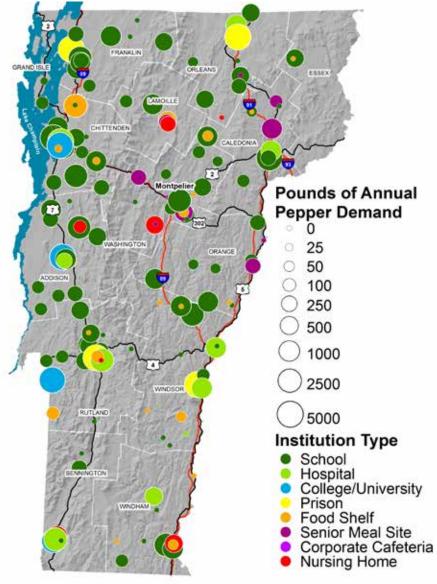
ANNUAL MIXED SALAD GREENS DEMAND IN POUNDS BY INSTITUTION TYPE



ANNUAL ONION DEMAND IN POUNDS BY INSTITUTION TYPE

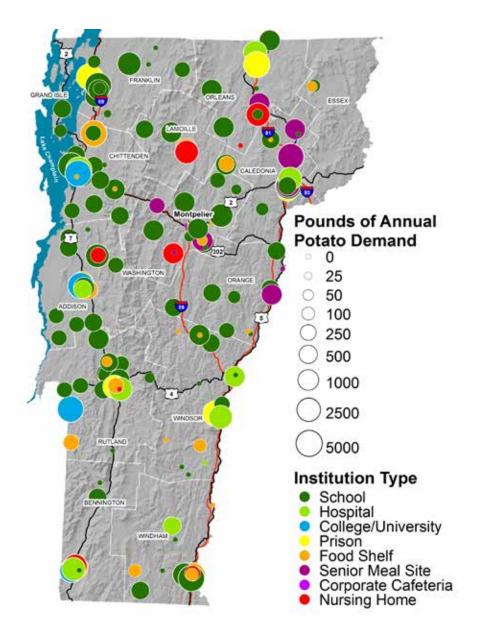


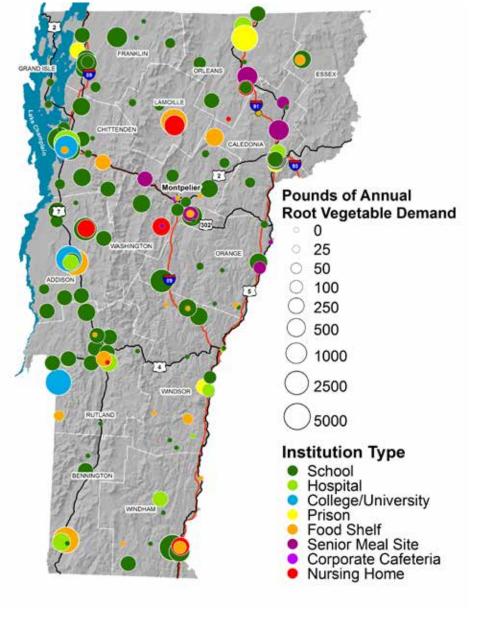
ANNUAL PEPPERS DEMAND IN POUNDS BY INSTITUTION TYPE



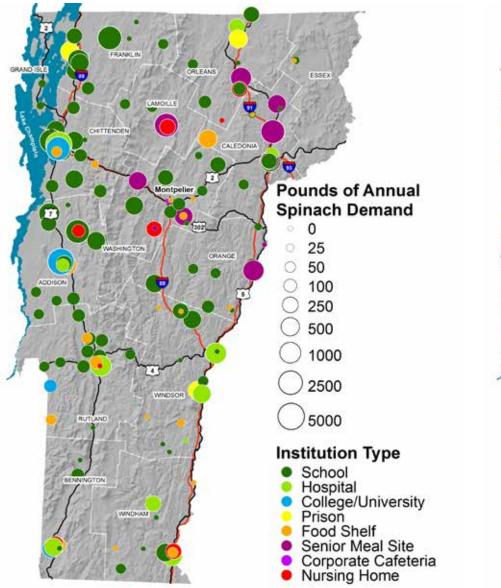
ANNUAL POTATO DEMAND IN POUNDS BY INSTITUTION TYPE



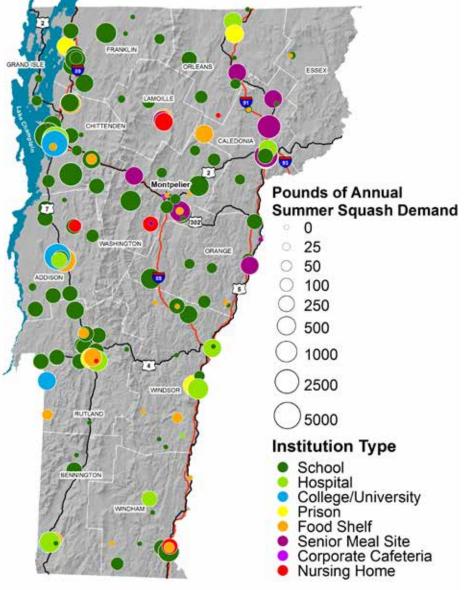




ANNUAL SPINACH DEMAND IN POUNDS BY INSTITUTION TYPE

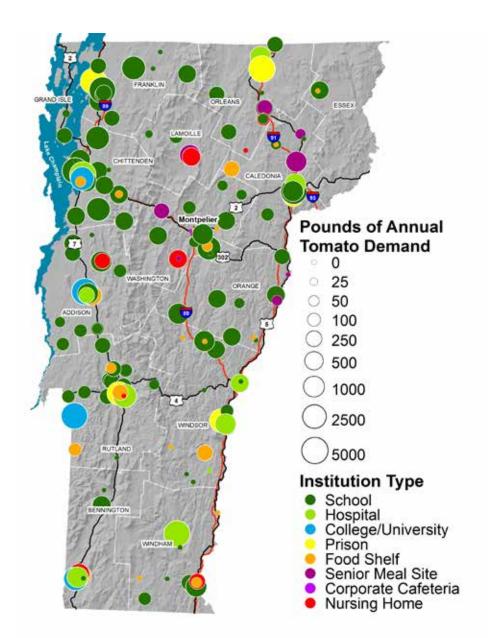


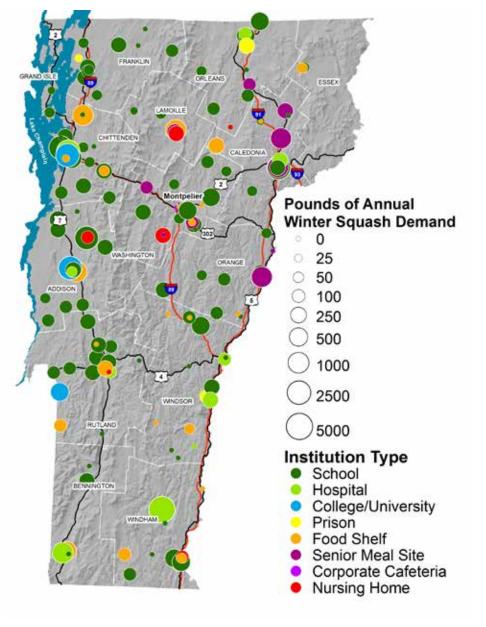
ANNUAL SUMMER SQUASH DEMAND IN POUNDS BY INSTITUTION TYPE



ANNUAL TOMATO DEMAND IN POUNDS BY INSTITUTION TYPE

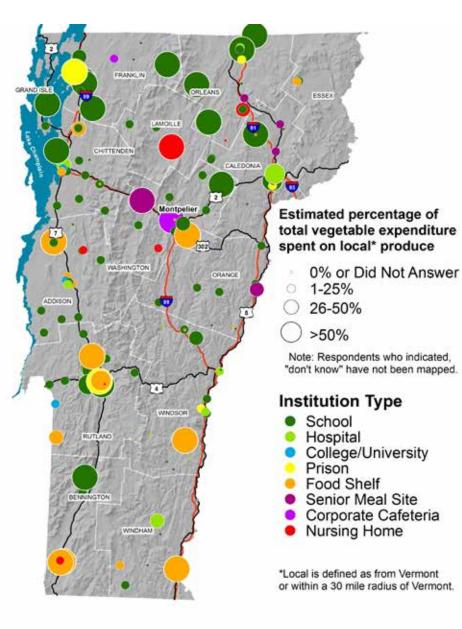
ANNUAL WINTER SQUASH DEMAND IN POUNDS BY INSTITUTION TYPE

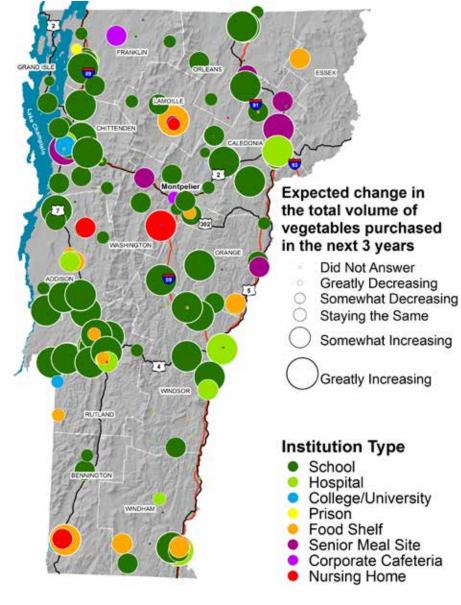




PERCENTAGE OF TOTAL EXPENDITURE ON VEGETABLES SPENT ON LOCAL VEGETABLES

EXPECTED CHANGE IN THE TOTAL VOLUME OF VEGETABLES PURCHASED IN THE NEXT 3 YEARS

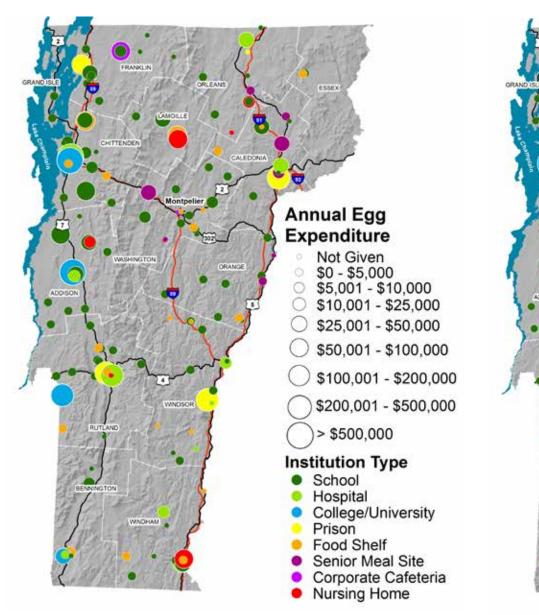


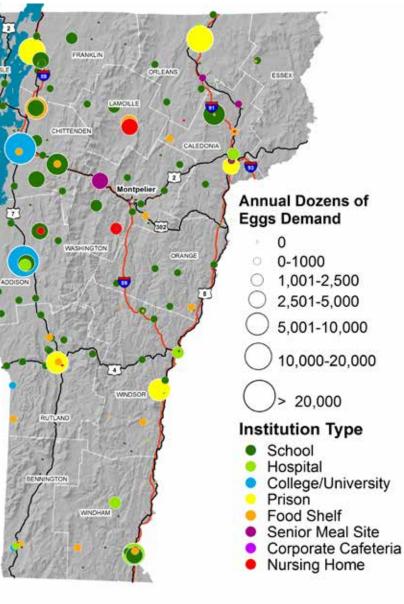


EGG DEMAND MAPS

ANNUAL EXPENDITURE ON EGGS IN DOLLARS

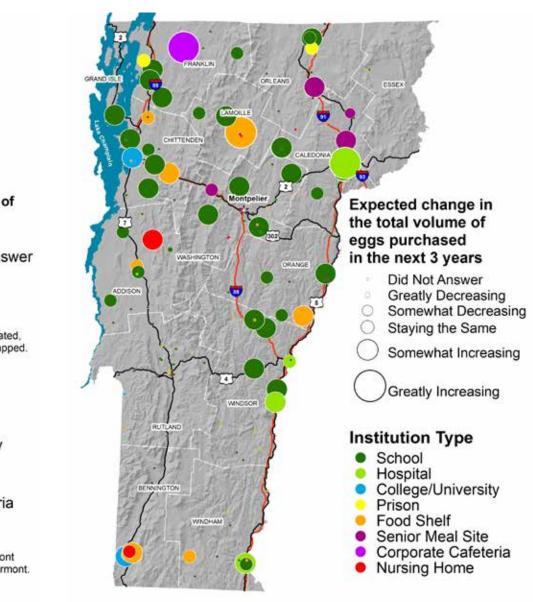
DOZENS OF EGGS PURCHASED PER YEAR BY INSTITUTION TYPE





PERCENTAGE OF TOTAL EXPENDITURE ON EGGS SPENT ON LOCAL EGGS

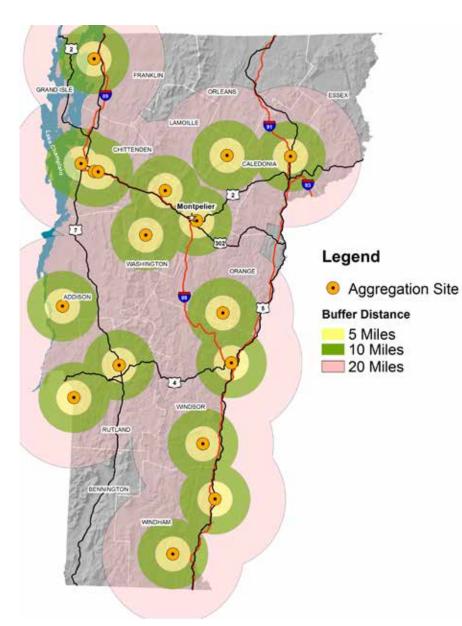




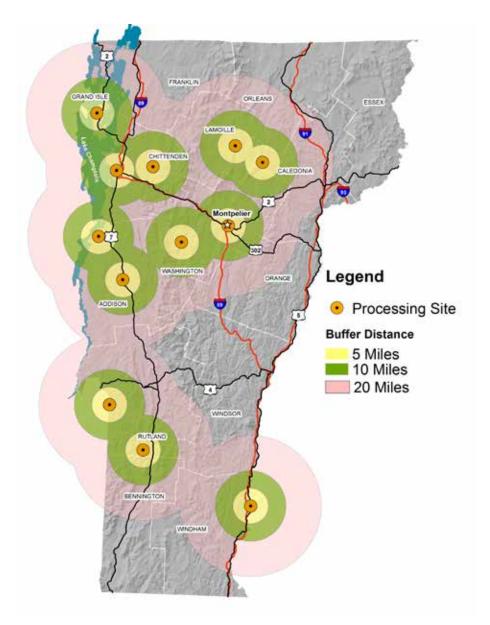
ESSED Estimated percentage of total egg expenditure spent on local* eggs 0% or Did Not Answer ORANGE 1-25% 26-50% >50% Note: Respondents who indicated, "don't know" have not been mapped. Institution Type WINDSOF School Hospital College/University Prison Food Shelf Senior Meal Site Corporate Cafeteria Nursing Home *Local is defined as from Vermont or within a 30 mile radius of Vermont.

INFRASTRUCTURE MAPS

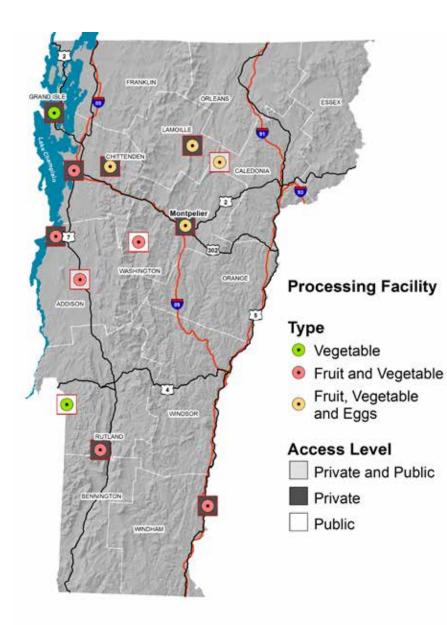
INFRASTRUCTURE AGGREGATION SITES BUFFERED 5, 10 AND 20 MILES 'AS THE CROW FLIES'



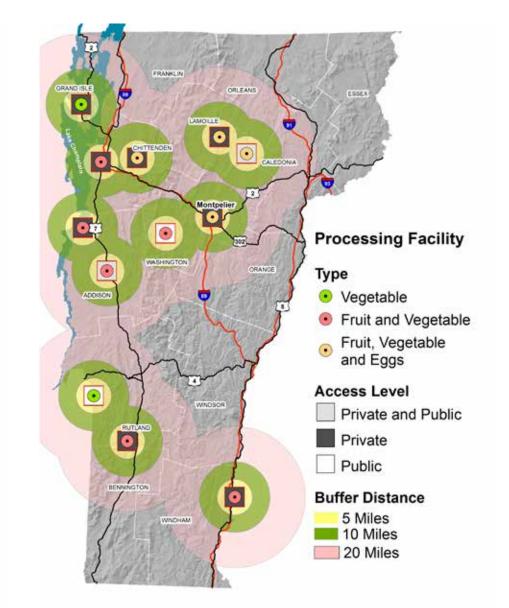
INFRASTRUCTURE PROCESSING SITES BUFFERED 5, 10 AND 20 MILES 'AS THE CROW FLIES'



INFRASTRUCTURE PROCESSING SITES CODED BY ACCESS LEVEL



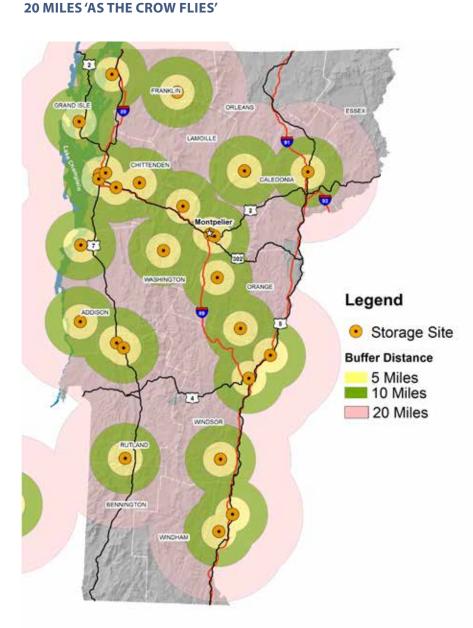
INFRASTRUCTURE PROCESSING SITES BY ACESS LEVEL AND BUFFERED 5, 10 AND 20 MILES 'AS THE CROW FLIES'

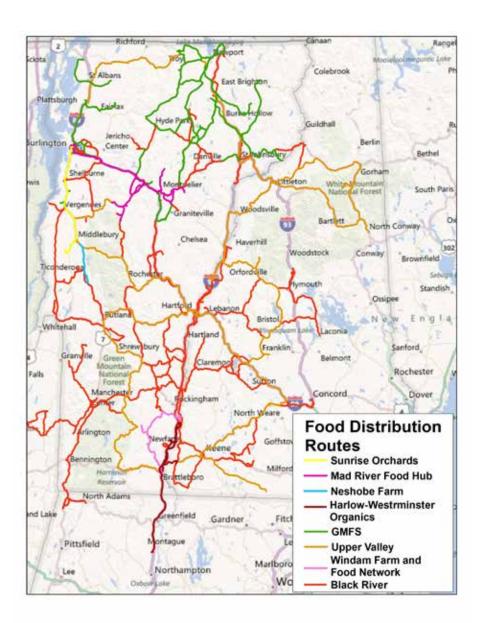


INFRASTRUCTURE STORAGE SITES BUFFERED 5, 10 AND

DISTRIBUTION

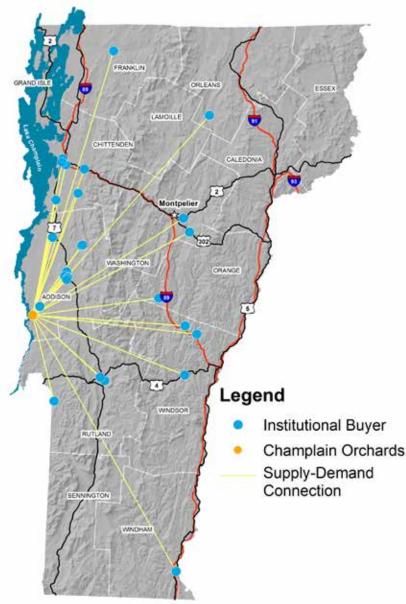
DISTRIBUTION ROUTES



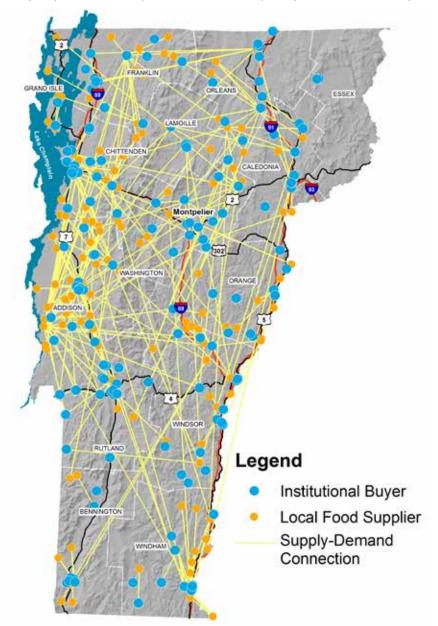


LOCAL FOOD SPIDER MAPS

LOCAL FOOD WEB - This map shows all institutions that indicated they purchase from Champlain Orchards. It also indicates Champlain Orchard's geographic reach across the state.



LOCAL FOOD WEB - This map shows all institutions and the producers that they buy from. The map illustrates the complexity of the local food system.



Local Food Web - Close up of one insitution, Middlebury College, and the producers that they buy from.

