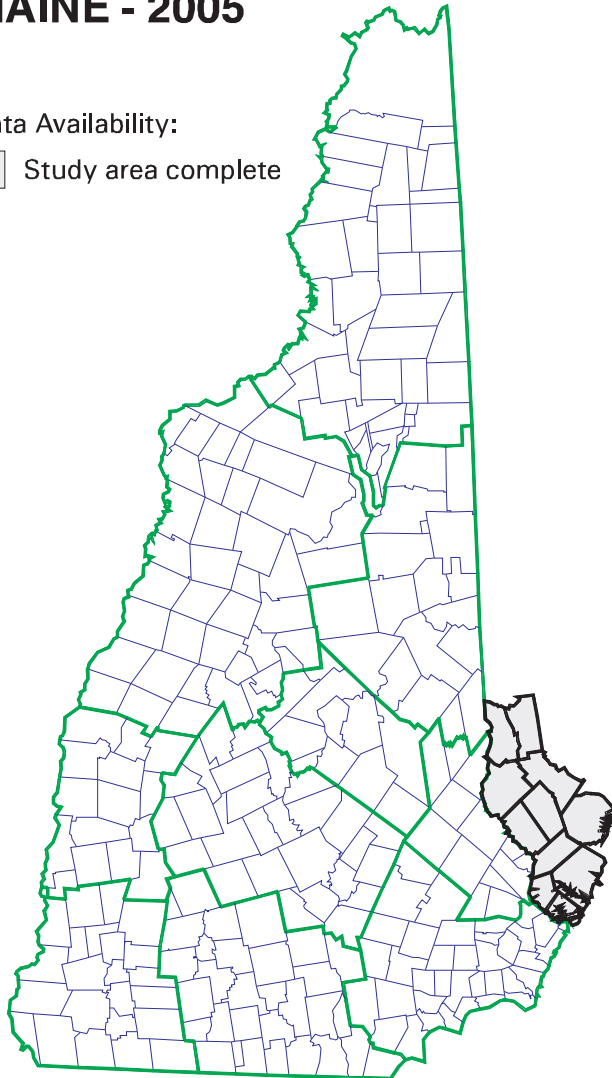


# IMPERVIOUS SURFACES IN SOUTHERN YORK COUNTY, MAINE - 2005

## Data Availability:

 Study area complete



Data Layer: IMPERVIOUS SURFACES IN SOUTHERN YORK COUNTY, MAINE - 2005

Primary Layer Name: MEIMPERV2005  
Layer Content: IMPERVIOUS SURFACES  
Data Structure: ASCII  
Layer Type: GRID

Source: LANDSAT 7 ENHANCED THEMATIC MAPPER+  
Source Scale: N/A  
Source Media: DIGITAL

Automated By: CSRC, UNH  
Coordinate Reference: NH State Plane Feet  
Horizontal Datum: 1983  
Tile: STUDY AREA (11-town region)

Status: COMPLETE  
Last Revision: DECEMBER, 2008  
Available From: Complex Systems Research Center,  
UNH

## GENERAL DESCRIPTION

Impervious surface acreage estimates for 2005 were developed for 11 towns in southern York County, Maine. Data were developed using a combination of subpixel and traditional image classification techniques applied to Landsat 5 Thematic Mapper (TM) imagery. Additionally, road centerline data from the Maine Department of Transportation were "burned in" to the data to capture narrow, linear features where pavement exists.

Impervious surface acreage is mapped in percent ranges by individual grid cell. Users may generate area estimates by factoring the cell size (8742.25 sq. ft. or .2 acres) by the low, midpoint, or high end of the assigned range.

Two related data sets, Impervious Surfaces in Southern York County, Maine - 1990 and Impervious Surfaces in Southern York County, Maine - 2000, are also available. Derived from similar data and using similar techniques, they provide prior estimates of impervious surface coverage.

In addition, the southern Maine impervious data sets were developed to extend existing impervious surface data sets (1990, 2000, and 2005) for 48 towns in coastal New Hampshire (also available from the GRANIT database). Collectively, these data sets provide comprehensive coverage of the towns in the Piscataqua Region Estuaries Partnership.

January, 2009