

9/9/2009

## Lower Susquehanna Regional Water Resources Committee Demographic and Socio-Economic Planning Information

### Total Area of Basin:

9,007 square miles  
23,328 square kilometers  
5,764,410 acres

**Stream Miles<sup>1</sup>:** 16,030 miles

### Number of Watersheds in Basin:

Of the 104 Major Watersheds:	21
Smallsheds:	1,282
HUC8 <sup>2</sup> :	8
HUC 12:	275

### 2000 Census Data for Basin<sup>3</sup>:

Total Population:	2,039,010
PA Population in Basin:	16.6 %

**Number of Stormwater Plans in Basin** (Source: Act 167 Database): 77

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**General Metadata:**  
DEP stream layer originally was based on the Penn DOT streams layer which is maintained by sending updates to Penn State, POC Barry Evans for actual addition into the GIS layer. Additional update information is provided by Bureau of Watershed Management, Water Use Planning Division.

<sup>2</sup> HUC: H.U.C. is an acronym for Hydrologic Unit Codes. Hydrologic unit codes are a way of identifying all of the drainage basins in the United States in a nested arrangement from largest (Regions) to smallest (Cataloging Units). Hydrologic unit codes were initiated by the U.S. Geological Survey's Office of Water Data in the fall of 1972 in cooperation with the U.S. Water Resources Council and supported by the U.S. Geological Survey's Resources and Land Information program. Before the HUC system was initiated drainage basins were divided and coded using various methods depending on the organization using them. The HUC codes have created a unified system between agencies and water-resource planners. The HUC maps have created a standard for the data collection, storage, and manipulation of files associated with particular river basins drainage divides. The Geological Survey is using the coding system to document all its water-data collection activities and its data-planning efforts. The Survey's National Water Data Exchange (NAWDEX) system has incorporated the code into its computer system to allow all its members easier access to data holdings that consist of more than a billion water-resource measurements. Other Federal agencies, state county, and city governments are using the HUC's (hydrologic units codes) for coding and managing the data that is collected locally and nationwide.

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**Census Data Source:** U.S. Census Bureau Tiger data, census block  
**Projection Source:** U.S. Census Bureau, Population Division, Interim State Population Projections, 2005.

**Population Served by Public Water Suppliers in Basin:**

Total Public Water Suppliers: 484  
 Population Served (using 2000 Census Data)<sup>4</sup>: 1,270,474

Percentage of County Area per Basin Lower Susquehanna R., Juniata R., Gunpower, Northeast, Elk Creek Basins	
ADAMS	51.50%
BEDFORD	70.20%
BERKS	10.30%
BLAIR	99.40%
CAMBRIA	1.70%
CENTRE	27.50%
CHESTER	18.80%
COLUMBIA	2.20%
CUMBERLAND	99.60%
DAUPHIN	100.00%
FRANKLIN	20.90%
FULTON	32.80%
HUNTINGDON	100.00%
JUNIATA	100.00%
LANCASTER	99.70%
LEBANON	85.30%
MIFFLIN	100.00%
MONTOUR	0.10%
NORTHUMBERLAND	63.30%
PERRY	99.80%
SCHUYLKILL	41.20%
SNYDER	100.00%
SOMERSET	2.50%
UNION	28.90%
YORK	100.00%

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**General Metadata:**

\*Data derived by clipping census block data to digitized PWS Service Areas (estimated 85% complete). If census block intersected PWS boundary, a constant density assumption (even distribution) was used to adjust the population.