

# Community Facilities Background Information

*A wide variety of community facilities and services are provided to Cumberland County residents. These facilities and services often define the character of a community and quality of life enjoyed by the residents. Factors influencing the need for these services are dependent on the development patterns, population, and financial resources to support them.*

## **Introduction**

The purpose of this chapter is to describe existing community facilities provided within the County. This chapter describes the existing characteristics and functional adequacy of these facilities. The quality, quantity and availability of these facilities reflect the general character of the County as a place to live.

## **Educational Facilities**

Cumberland County is served by public and private primary and secondary educational facilities, and state and private higher education facilities. In addition to identifying the location of these facilities, the following discussion will provide characteristics of the public school districts, their service area, and enrollment trends.

### *Public Elementary and Secondary Education*

Local government plays an important role with public educational facilities. The public is dependent on the municipalities and the educational systems ability to work together to continually assess the effect of growth patterns on the adequacy of the educational system. The effects of declining or increasing school age populations may have a dramatic impact on the provision of services and capacity of existing facilities.

Nine (9) school districts serve Cumberland County (Figure 13.1). In 1987 a survey of the Cumberland County School Districts, conducted by Tri-County Regional Planning Commission, provided descriptive information regarding the status of these districts at that time. The table has been periodically updated to include the 2001 and 2015 figures.

Table 13.1 provides updated school district information, using the Department of Education website, and compares it with the 1987 and 2001 data. Total enrollment for the 2014/15 school year for the nine school districts equaled 37,139 students.

#### **Largest School Districts:**

- Cumberland Valley (8,374 students in ten facilities)
- West Shore (7,821 students in fourteen facilities)
- Carlisle Area (4,944 students in ten facilities).

Smallest School District:

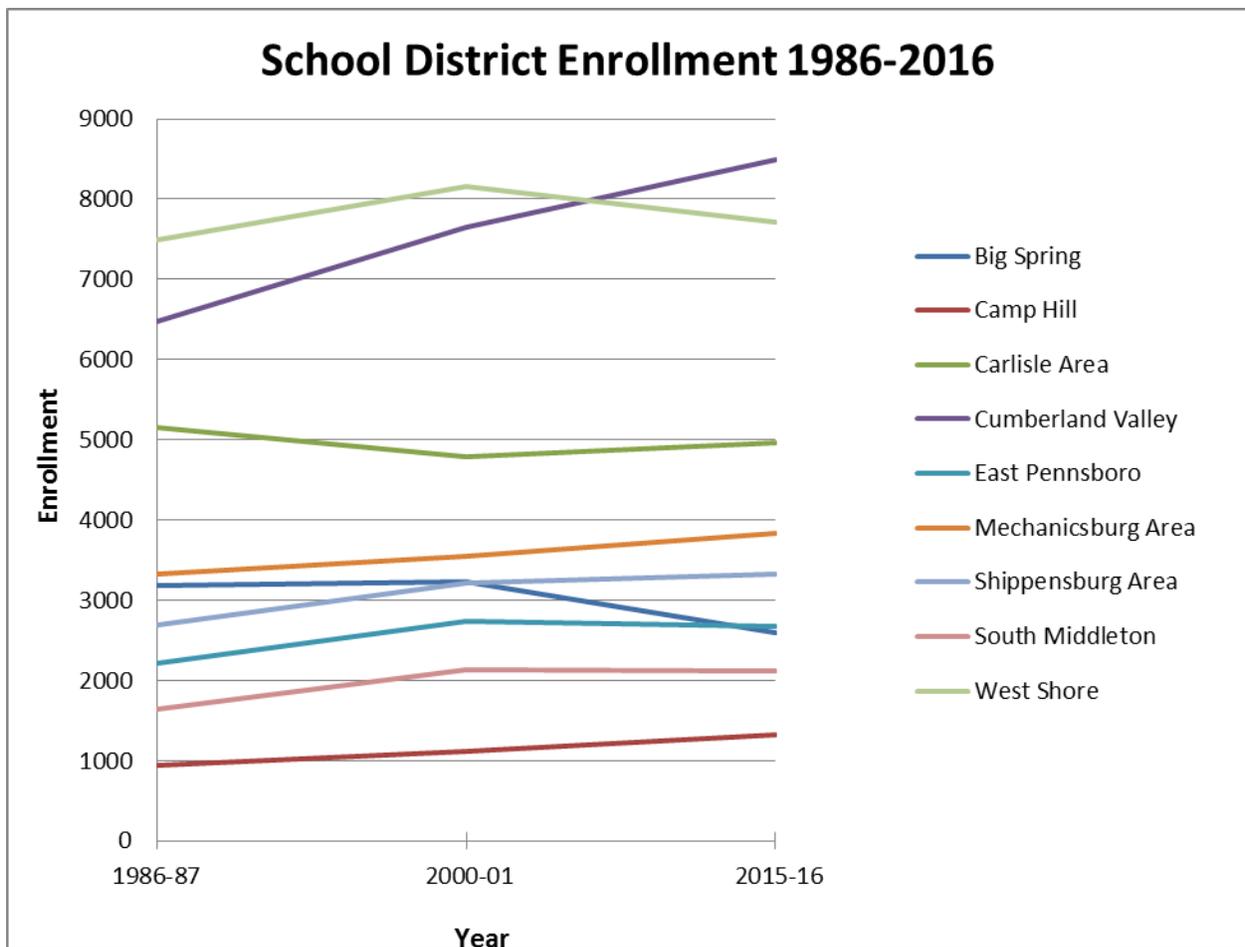
- Camp Hill (1,300 students in four facilities).

Since the 2000-2001 school year, most school districts have gained enrollment. The greatest percentage increase between 2001 and 2015 in enrollments:

- Camp Hill (+16.80%).
- Cumberland Valley (9.55%)
- Mechanicsburg (9.29%)

Three districts experienced a decrease in enrollments between 2001 and 2015:

- Big Spring (-19.47%)
- West Shore (-4.2%)
- East Pennsboro (-1.57%)



The growth or decline of enrollment has an impact on the physical and financial status of the districts. The distribution of enrollment as shown on Table 13.1 reveals the breakdown of the student population. The greater the enrollment variation between grade levels, the greater impact on future enrollments at the middle (junior) and high school level.

In addition to providing public educational facilities, these schools provide communities with additional recreational facilities. These recreational facilities include athletic fields, playgrounds, and passive recreation areas. In many cases, special arrangements must be made with school officials for the general public to utilize school district recreation facilities.

<b>Table 13.1 – Public School Enrollment</b>		
<b>Name of School District</b>	<b>Enrollment 2015-16</b>	<b>Enrollment 2000-01</b>
Big Spring School District	2,588 -19.88%	3,230 1.48%
High School	885 -12.98%	1,017
Middle School	581 -21.49%	740
Mount Rock Elementary	371	n/a
Newville Elementary	333 -9.76%	369
Oak Flat Elementary	418 -22.74%	541
Camp Hill School District	1,325 19.05%	1,113 17.65%
High School	393 -37.32%	627
Eisenhower Elementary	322 366.67%	69
Middle School	334 114.10%	156
Schaeffer Elementary	n/a	261
Hoover Elementary	276 5.34%	262
Carlisle Area School District	4,969 3.89%	4,783 -7.07%
Bellaire Elementary	437 34.88%	324
High School	1,521 -2.44%	1559

<b>Table 13.1 – Public School Enrollment</b>		
<b>Name of School District</b>	<b>Enrollment 2015-16</b>	<b>Enrollment 2000-01</b>
Crestview Elementary	509 16.21%	438
Hamilton Elementary	386 19.88%	322
Lamberton M.S.	557 -6.23%	594
Letort Elementary	277 38.50%	200
Mooreland Elementary	312 4.00%	300
Mt. Holly Elementary	222 -13.28%	256
North Dickinson Elementary	181 -9.50%	200
Wilson M.S.	567 -3.90%	590
<b>Cumberland Valley School District</b>	<b>8,494 11.12%</b>	<b>7,644 17.98%</b>
High School	2,602 7.03%	2431
Eagleview M.S.	958 -7.80%	1039
Good Hope M.S.	1,027 22.70%	837
Green Ridge Elementary	535 16.81%	458
Hampden Elementary	763 40.26%	544
Middlesex Elementary	408 -8.52%	446
Monroe Elementary	350 -15.25%	413
Shaul Elementary	614 53.50%	400
Silver Spring Elementary	538	482

<b>Table 13.1 – Public School Enrollment</b>		
<b>Name of School District</b>	<b>Enrollment 2015-16</b>	<b>Enrollment 2000-01</b>
	11.62%	
Sporting Hill Elementary	699 17.68%	594
East Pennsboro School District	2,675 -2.30%	2,738 23.89%
High School	817 4.21%	784
Middle School	792 -8.44%	865
West Creek Hills Elementary	522 1.56%	514
East Pennsboro Elementary	544 -5.39%	575
Mechanicsburg Area School District	3,830 8.13%	3,542 6.49%
High School	1,133 2.16%	1109
Intermediate	848 1.19%	838
Broad Street Elementary	215 -32.18%	317
Elmwood Elementary School	427 n/a	n/a
Filbert Street Elementary	327 22.93%	266
Northside Elementary	248 -8.15%	270
Shepardstown Elementary	254 -16.17%	303
Shiremanstown Elementary	n/a	132
Upper Allen Elementary	378 23.13%	307
Shippensburg Area School District	3,321	3,218

<b>Table 13.1 – Public School Enrollment</b>		
<b>Name of School District</b>	<b>Enrollment 2015-16</b>	<b>Enrollment 2000-01</b>
	3.20%	19.49%
High School	1,053 10.96%	949
Middle School	748 -4.59%	784
Grace B. Luhrs University Elementary	129 n/a	n/a
James Burd Elementary	471 -27.09%	646
Nancy Grayson Elementary	445 -38.45%	723
Rowland School	n/a	116
Intermediate School	475	n/a
<b>South Middleton School District</b>	<b>2,113 -1.12%</b>	<b>2,137 30.38%</b>
High School	688 -2.41%	705
Iron Forge Educational Center	353 12.42%	314
William G Rice Elementary	593 -3.89%	617
Yellow Breeches M.S.	479 -4.39%	501
<b>West Shore School District</b>	<b>7,718 -5.46%</b>	<b>8,164 8.94%</b>
Cedar Cliff H.S.	1,219 -8.55%	1,333
Red Land H.S.	1,159 137.99%	487
Allen M.S.	519 -26.59%	707
Crossroads M.S.	690 167.44%	258
Fairview Elementary School	240	478

<b>Table 13.1 – Public School Enrollment</b>		
<b>Name of School District</b>	<b>Enrollment 2015-16</b>	<b>Enrollment 2000-01</b>
	-49.79%	
Fishing Creek Elementary School	460 10.31%	417
Lemoyne M.S.	n/a	309
New Cumberland M.S.	632 36.80%	462
Highland Elementary	488 4.95%	465
Hillside Elementary	579 225.28%	178
Lower Allen Elementary	174 -11.68%	197
Mt. Zion Elementary	n/a	509
Newberry Elementary	364 -70.43%	1231
Red Mill Elementary	590 4.61%	564
Rossmoyne Elementary	203 -2.40%	208
Washington Heights Elementary	401 11.08%	361
<b>Total Enrollment Figures</b>	<b>37,033</b>	<b>36,569</b>

### *Vocational Technical Schools*

The public school districts in Cumberland County support three (3) vocational technical schools, which provide additional educational opportunities to high school students.

1. The Cumberland–Perry Vocational Technical School serves all of Cumberland County except Shippensburg Area School District, all of Perry County, as well as school districts in northern York County. Students receive a diploma upon graduation. The curriculum includes programs in:

Advertising Art & Design  
Automotive Technology

Electronics Technology  
Graphic Communications

Carpentry	Health Career Technicians
Child Care & Guidance	Horticulture/Landscaping
Computer Information Systems	Heating, Ventilation & Air Conditioning
Cosmetology	Logistics & Warehouse Management
Criminal Justice	Masonry
Culinary Arts	Nursing
Dental Assisting	Precision Machine Technology
Diesel Technology	Social Studies
Electrical Construction & Maintenance	Welding

2. The Carlisle Area School District has its own vocational technical education program and offers the following curriculums:

Automotive Technology	Culinary Arts
Business Academy	Family and Consumer Sciences
Communications Technology	Information Technology
Carpentry-Construction Trades	Engineering-Manufacturing & Design
Childcare-Early Childhood Education	Work based Learning
Cosmetology	Health Careers Academy

3. The Shippensburg Area School District utilizes the Franklin County Career and Technology Center and offers the following curriculums:

Construction	Manufacturing
Health Services	Transportation
Sales and Service	

*Non-Public Education*

The Pennsylvania Department of Education separates these facilities into licensed private schools, and non-licensed, private schools. Licenses are required for schools that train individuals to pursue an occupation or career which is listed in the Dictionary of Occupational Titles by the U.S. Department of Labor.

The Pennsylvania Department of Education lists twenty-one (21) licensed facilities located in Cumberland County. These schools provide services which include: nursery and kindergarten education; summer sessions; educational testing and remedial centers; special education for the mentally impaired, socially and emotionally disturbed, and speech and language impaired. Table 13.2 lists the licensed private schools and locations.

Institution Name	City
Best Friends Day Care Center	New Cumberland
Brookside Montessori School	Camp Hill
Building Blockz Academy	Camp Hill
Capital Area Children's Center	Camp Hill
Carlisle Community Nursery School	Carlisle

<b>Institution Name</b>	<b>City</b>
Childrens Family Center	Mechanicsburg
Dickinson College Kindergarten	Carlisle
Goddard School	Mechanicsburg
Goddard School	Enola
Kiddie Academy of Silver Spring Township	Mechanicsburg
Kinder Care Learning Center	Mechanicsburg
Kinder Care Learning Center	Enola
Learning and Sharing	New Cumberland
Messiah College Early Lrng Ctr	Mechanicsburg
Northwestern Human Svcs Autism School	Carlisle
River Rock Academy	Shiremanstown
River Rock Academy, Inc.	Newville
Tender Years Inc	Camp Hill
Tender Years Inc	Mechanicsburg
Yellow Breeches Education Center	Boiling Springs
Yellow Breeches Education Center	Carlisle

Source: Pennsylvania Department of Education: <http://www.education.pa.gov>

Table 13.3 lists the non-licensed, private schools, as identified by the Pennsylvania Department of Education, Division of Nonpublic and Private School Services, also serve county residents. The majority of these schools are affiliated with a religious group.

<b>Institution Name</b>	<b>City</b>
Al-Huda School	Camp Hill
Berean Christian School	Newville
Blue Ridge Mennonite	Carlisle
Carlisle Christian Academy	Carlisle
Cedar Knoll Parochial	Carlisle
Cedar Run Center	Shippensburg
Chestnut Grove Parochial	Camp Hill
Childrens Garden of St Johns Lutheran Church	Mechanicsburg
Christian School of Grace Baptist Church	New Cumberland
Country View School	Carlisle
Emm. Baptist Chrst Acad.	Camp Hill
Faith Tabernacle School	Mechanicsburg
Good Shepherd School	Camp Hill
Harrisburg Academy	Camp Hill
Hickory Lane School	Wormleysburg
Hidden Valley School	Newville
Living Faith School	Mechanicsburg
McKinney School	Shippensburg

<b>Institution Name</b>	<b>City</b>
Meadow Run School	Newburg
Middle Run Parochial	Newburg
Mountain View School	Carlisle
Mountain View School	Newburg
Mt Rock Parochial School	Newburg
Mt Zion Church of God Christian Day School	Shippensburg
Oak Grove Parochial School	Lemoyne
Oakwood Baptist Day School	Shippensburg
Quarry Hill School	Mechanicsburg
Rocky View Parochial	Shippensburg
Running Pump Rd Parochial Sch	Newville
Shady Lane Amish School	Shippensburg
Shippensburg Univ Headstart	Shippensburg
South Mountain Parochial	Shippensburg
Spring Hill Parochial	Shippensburg
St Joseph School	Shippensburg
St Patrick School	Mechanicsburg
St Theresa School	Carlisle
Sunny Slope School	New Cumberland
Sunset Run Parochial School	Carlisle
TLC Learning Center	Newburg
Trinity High School	Camp Hill
United Methodist Home For Children Residential Care, Inc	Camp Hill
Walnut Bottom Center	Mechanicsburg
West Shore Christian Academy	Shiremanstown

Source: Pennsylvania Department of Education: <http://www.education.pa.gov>

### *Higher Education*

Higher Education is provided at five Cumberland County institutions. Table 13.4 provides descriptive information regarding these facilities.

- Shippensburg University – State college that offers undergraduate and graduate degrees.
- Dickinson School of Law – Nationally recognized law school that merged with Pennsylvania State University in 1997.
- Dickinson College – Private college that offers undergraduate degrees.
- Messiah College – Private college that offers undergraduate and graduate degrees.

- Central Pennsylvania College – offers undergraduate and graduate degrees in business related fields.

<b>Table 13.4 Higher Education Facilities - Cumberland County</b>				
<b>Name of Facility</b>	<b>Location</b>	<b>Total Enrollment</b>		
		<b>2000-01</b>	<b>2013-14</b>	<b>2016-2017</b>
Dickinson College	Carlisle Boro.	2,115	2,396	2,420
Dickinson School of Law (PSU)	Carlisle Boro.	536	142	153
Central Pennsylvania College	East Pennsboro Twp.	537	1,297	1,358
Messiah College	Upper Allen Twp.	2,797	3,084	3,312
Shippensburg University	Shippensburg Twp.	7,011	7,548	6,989
<b>COUNTY TOTAL</b>		12,996	14,467	14,467
SOURCE: Pennsylvania Department of Education, National Center for Educational Statistics.				

Institutions of higher education located in close proximity to Cumberland County include the Harrisburg Area Community College (HACC), the Harrisburg Capital College and Hershey Medical Center (both affiliated with Penn State University), the Harrisburg campus of Widener University, and Wilson College (a privately owned undergraduate college).

## Libraries

A wide variety of both private and public libraries are available to Cumberland County residents (Table 13.5). The Cumberland County Library System (CCLS) includes an administrative office, seven local libraries and one branch. The system’s mission is to plan, develop, coordinate, and provide, comprehensive public library services for Cumberland County residents through a cooperative network of public libraries.

<b>Table 13.5 Cumberland County Libraries</b>	
<b>County System Libraries</b>	<b>City</b>
Amelia S Givin Library	Mt Holly Springs
Bosler Memorial Library	Carlisle
East Pennsboro Branch Library	Enola
Cleve J. Fredricksen Library	Camp Hill
John Graham Public Library	Newville
Joseph T Simpson Public Library	Mechanicsburg
New Cumberland Public Library	New Cumberland
Shippensburg Public Library	Shippensburg
Cumberland County Library System	Carlisle
<b>Other Libraries</b>	<b>City</b>
Carlisle Regional Medical Center	Carlisle
Charles 'T' Jones Leadership Library	Summerdale

<b>Table 13.5 Cumberland County Libraries</b>	
<b>County System Libraries</b>	<b>City</b>
Cumberland Co Historical Society & Hamilton Library Assoc	Carlisle
Cumberland County Law Library	Carlisle
Ezra Lehman Memorial Library	Shippensburg
Holy Spirit Hospital Library	Camp Hill
H Laddie Montague Jr. Law Library	Carlisle
Murray Library	Mechanicsburg
Pennsylvania Citizens for Better Libraries (PCBL)	Camp Hill
PA Library Assoc (PALA)	Mechanicsburg
State Correctional Inst-Camp Hill	Camp Hill
US Army Military History Institute	Carlisle
US Army War College	Carlisle
Waidner-Spahr Library	Carlisle

Source: Pennsylvania Department of Education: <http://www.education.pa.gov>

In Pennsylvania, federated library systems are required to designate one headquarters library. Due to the population centers of Carlisle and the West Shore, two headquarters were designated – Bosler and Fredricksen Libraries. These two libraries act as Reference Resource Centers and provide supplementary reference services for system members.

The Cumberland County Library System (CCLS) administrative office is a department within Cumberland County government. The County Library System is governed by a board of seven members. A Cumberland County Commissioner serves as a liaison with the County. The administrative office reports to the library board and the County Commissioner’s office. The system is a member of the Harrisburg Library District.

The CCLS administrative office offers the following services:

- Information Technology. Administration of a computer network that provides the public with a web site and staff with an integrated library system suite of software products that control circulation, cataloging, purchases, homebound services, periodical subscriptions, office productivity and fund raising functions.
- Collection Support Services. Central purchasing of library materials, database development and maintenance and processing of new materials.
- Library Services. Internet services, online databases, library delivery services, printing, programming and library supplies.
- Training Services. Provides staff and library board members with training.
- Outreach Services. Home delivery of library materials homebound and nursing home residents through a volunteer network.
- Administrative and Financial. Policies, service planning and evaluation, fund distribution and advocacy.

### *System Library Services*

Cumberland County residents may register and use library services at no charge at any CCLS facility. The service area includes Cumberland County and a portion of Franklin County which includes Shippensburg, Southampton Township and Orrstown Borough.

Library services include an outreach program to homebound and nursing home residents. A remote electronic service is available for holds and renewals. The library system’s catalog is also available on the web. .

### *Demand for Library Services*

Demand for library services has increased greatly since CCLS’s founding in 1960. This growth includes the size, and number of facilities, library card registrations, collection size, circulation, and program offerings. Further, with the advent of a county library tax in 1986, a stable \$1.5 million tax base stimulated growth at an accelerated pace.

### **Health Facilities and Services**

Seven (7) hospitals are located in Cumberland County. Table 13.7 provides descriptive information for each facility. County residents also have access to a number of excellent hospitals located in neighboring counties.

<b>Table 13.7 Cumberland County Hospitals - 2016</b>	
<b>Name</b>	<b>Address</b>
Carlisle Regional Medical Center	361 Alexander Spring Road Carlisle, PA 17015
Healthsouth Rehabilitation Hospital Of Mechanicsburg	175 Lancaster Boulevard Mechanicsburg, PA 17055
Holy Spirit Hospital	503 North 21st Street Camp Hill, PA 17011
New Lifecare Hospitals Of Mechanicsburg LLC	4950 Wilson Lane Mechanicsburg, PA 17055
Select Specialty Hospital - Central Pennsylvania (Camp Hill)	503 North 21st Street Fifth Floor Camp Hill, PA 17011
West Shore Hospital	1995 Technolgy Pkwy Mechanicsburg, PA 17050

Source: Pennsylvania Department of Health, <http://www.statistics.health.pa.gov>

In addition to hospitals, Cumberland County has seventeen (17) licensed nursing homes that are listed in Table 13.8. The seventeen (17) facilities provide a total of 2,056 licensed beds.

**Table 13.8  
Cumberland County Nursing Care Facilities - 2016**

<b>Name/Address/Phone</b>	<b>Type of Ownership</b>	<b>Size of Facility</b>	<b>Number of Beds</b>	<b>Nursing Hrs/Res/ Day</b>
<b>Bethany Village Retirement Center</b> 5225 Wilson Lane Mechanicsburg PA 17055	Non-Profit	Small	69	3.79
<b>Chapel Pointe At Carlisle</b> 770 South Hanover Street Carlisle PA 17013	Non-Profit	Small	59	3.99
<b>Church Of God Home Inc</b> 801 North Hanover Street Carlisle PA 17013	Non-Profit	Small	109	3.55
<b>Claremont Nursing And Rehabil Ctr Of Cumberland Co</b> 1000 Claremont Road Carlisle PA 17013	County	Large	282	3.5
<b>Cumberland Crossings Retirement Community</b> 1 Longsdorf Way Carlisle PA 17013	Non-Profit	Small	58	3.21
<b>Forest Park Health Ctr</b> 700 Walnut Bottom Road Carlisle PA 17013	Profit	Small	114	2.88
<b>Fox Subacute At Mechanicsburg</b> 120 South Filbert Street Mechanicsburg PA 17055	Profit	Small	44	4.2
<b>Golden Livingcenter-Camp Hill</b> 46 Erford Road, Camp Hill PA 17011	Profit	Small	95	3.13
<b>Golden Livingcenter-West Shore</b> 770 Poplar Church Road Camp Hill PA 17011	Profit	Large	309	3.03
<b>Manorcare Health Services-Camp Hill</b> 1700 Market Street Camp Hill PA 17011	Profit	Medium	123	3
<b>Manorcare Health Services-Carlisle</b> 940 Walnut Bottom Road Carlisle PA 17013	Profit	Medium	150	3.28
<b>Messiah Lifeways At Messiah Village</b> 100 Mount Allen Drive Mechanicsburg PA 17055	Non-Profit	Medium	184	3.94
<b>Sarah A. Todd Memorial Home</b>	Non-Profit	Small	117	3.8

**Table 13.8  
Cumberland County Nursing Care Facilities - 2016**

<b>Name/Address/Phone</b>	<b>Type of Ownership</b>	<b>Size of Facility</b>	<b>Number of Beds</b>	<b>Nursing Hrs/ Res/ Day</b>
1000 West South Street Carlisle PA 17013				
<b>Shippensburg Health Care Center</b> 121 Walnut Bottom Road Shippensburg PA 17257	Profit	Medium	125	2.76
<b>Swaim Health Center</b> 210 Big Spring Road Newville PA 17241	Non-Profit	Small	79	3.23
<b>Thornwald Home</b> 442 Walnut Bottom Road Carlisle PA 17013	Non-Profit	Small	83	3.5
<b>Vibra Rehabilitation Center</b> 707 Shepherdstown Road Mechanicsburg PA 17055	Profit	Small	48	4.32

Source: Pennsylvania Department of Health, <http://www.statistics.health.pa.gov>

## **Parks and Recreation Facilities & Greenways/Open Space**

The Cumberland County Land Partnerships Plan has a full description of parks, recreation facilities and open space in Cumberland County and is part of the Cumberland County Comprehensive Plan through reference.

## **Emergency Services**

Police protection, fire and emergency medical services (EMS) are provided by many local municipalities. Within the boundaries of Cumberland County there are eighty five (85) emergency service providers. Emergency response is coordinated through the Cumberland County Department of Public Safety in Carlisle, and can be reached through the 911 emergency response number.

### *Police Protection*

There are currently eighteen (18) local police departments in Cumberland County (including Dickinson College and Shippensburg University Police) (Source: <http://www.ccpa.net/2010/Local-Police-Departments>, 2016). A current listing of police departments is available at the same Cumberland County website (<http://www.ccpa.net/2010/Local-Police-Departments>). Municipalities not having an individual

police department or participating in a regional department are provided police protection services through the Pennsylvania State Police.

### *Fire Service*

All Cumberland County municipalities are provided fire service either from their own municipal department or through mutual aid agreements with neighboring communities. A total of thirty-one (31) municipal fire companies are located throughout the County (Source: Cumberland County Department of Public Safety <http://www.ccpa.net/87/Fire-Companies>, 2016). The current list of fire companies is available at the Cumberland County Department of Public Safety website.

In addition, non-municipal fire companies are located at the Navy Inventory Control Point in Hampden Township, State Correctional Institution (S.C.I.C) in Lower Allen Township, and the Carlisle Barracks in Carlisle Borough and North Middleton Township.

### *Emergency Medical Services*

County residents are provided ambulance and emergency medical services by twenty-seven (27) emergency medical service (EMS) providers (Source: Emergency Health Services Federation, 2016). These EMS providers serve the entire County either through direct services or by way of mutual aid agreements with adjacent communities. In addition, the Life Lion's two helicopters, one stationed at the Milton S. Hershey Medical Center and the other at the Carlisle Airport, are available when needed. A current listing of Emergency Medical services to the residents of Cumberland County is available at the Emergency Health Services Federation website: <http://www.ehsf.org/>

### **Public Sewerage Facilities**

All or portions of twenty-seven (27) municipalities in Cumberland County are serviced by public sewers, illustrated in Figure 13.1 delineating the Community Service Areas. The sewage collected in these municipalities is treated in one of sixteen (16) public sewage treatment facilities located throughout the County. Table 13.9, Inventory of Municipal Wastewater Treatment Facilities, describes the facilities. All of the facilities are within their permitted capacities.

The sixteen (16) public sewage treatment facilities treat approximately 20 million gallons of sewage per day based on Average Daily Flow figures provided in Table 13.9.

Several institutions are serviced by these facilities including:

- State Correctional Institution (Lower Allen Township)
- Navy Inventory Control Point (Hampden Township)
- Carlisle Barracks (Carlisle Borough, North Middleton Township)

The wastewater collected by the Monroe Township Sewer Authority is conveyed to the Mechanicsburg, South Middleton, and Dillsburg treatment plants. The Cumberland Franklin Joint Municipal Authority, located near Shippensburg, conveys its wastewater to Shippensburg's facility for treatment.

The remaining six (6) municipalities utilize private on lot sewage disposal systems exclusively. These municipalities without public treatment facilities include:

- Cooke Township
- Lower Frankford Township
- Lower Mifflin Township
- South Newton Township
- Upper Frankford Township
- Upper Mifflin Township

**Figure 13.9 INVENTORY OF MUNICIPAL WASTEWATER TREATMENT FACILITIES  
CUMBERLAND COUNTY - 2016**

<i>Wastewater Treatment Facility</i>	<i>Mailing Address</i>	<i>2014 Permitted Capacity (mgd)</i>	<i>2014 Average Daily flow (mgd)</i>	<i>Number of Facilities/ Households Served</i>	<i>Treatment Type</i>	<i>Receiving Stream</i>	<i>Planned Upgrades and/or Alterations</i>	<i>Receives Septage</i>	<i>Municipalities Served</i>
Carlisle Regional Wastewater Treatment Facility	53 West South Street Carlisle, PA 17013 717-249-4422	7	2.5	6,600	Secondary	Conodoguinet Creek	Just completed for ph and N - Chesapeake Bay Compliance	No	North Middleton, South Middleton, Middlesex, Silver Spring (through Middlesex)
Cumberland Franklin Joint Municipal Authority	725 Municipal Drive Shippensburg, PA 17257 717-532-6949	1.26	0.780	5,500 EDUs	Secondary	Middle Spring	1.86 mgd new total capacity	150 septic tanks at South Mtn. Estates	Shippensburg Borough, Southampton, Shippensburg Twp.
East Pennsboro Township	98 South Enola Drive, Enola, PA 17065 717-732-3621	4.4	2.953 total	7,000 (East Pennsboro), 1,673 (Wormleysburg), 336 (Hampden) Total: 9,009	Secondary plus nutrient reduction	Conodoguinet Creek	No	No	East Pennsboro, Wormleysburg (all), Hampden, Camp Hill
Hampden Township Sewer Authority	4200 Roth Lane Mechanicsburg, PA 17055 717-761-7963	5.69	3.09	10,000	Secondary	Sears Run	None (Upgraded in 2014)	No	Hampden, East Pennsboro, Silver Springs, Camp Hill
Lower Allen Township	1993 Hummel Ave., Camp Hill, PA 17011 717-774-0610	8.76	6.144	Information unavailable	Secondary plus nutrient reduction	Susquehanna River	Upgrade on paper may bring permitted cap to 10 mgd	No	Lower Allen, Upper Allen, Shiremanstown, Mechanicsburg, Fairview, Dept. of Corrections
Mechanicsburg Borough	842 West Church St. Mechanicsburg, PA 17055	2.08	0.9	5,000	Secondary plus nutrient	Conodoguinet Creek	No	No	Mechanicsburg, Silver Spring, Hampden, Upper

**Figure 13.9 INVENTORY OF MUNICIPAL WASTEWATER TREATMENT FACILITIES  
CUMBERLAND COUNTY - 2016**

<i>Wastewater Treatment Facility</i>	<i>Mailing Address</i>	<i>2014 Permitted Capacity (mgd)</i>	<i>2014 Average Daily flow (mgd)</i>	<i>Number of Facilities/ Households Served</i>	<i>Treatment Type</i>	<i>Receiving Stream</i>	<i>Planned Upgrades and/or Alterations</i>	<i>Receives Septage</i>	<i>Municipalities Served</i>
	717-691-3320				reduction				Allen, Monroe
Middlesex Township Municipal Authority	350 North Middlesex Rd., Ste. 2 717-243-0674	1.596 (From Carlisle)	0.539	629 Homes 118 Business	N/A	N/A	None	No	Middlesex, Silver Springs
Mount Holly Springs Borough	11-13 Mill St. Mt. Holly, PA 17065 717-486-7613	0.6	0.329	Information unavailable	Secondary plus nutrient reduction	Mountain Creek	No	No	Mount Holly Springs, South Middleton
New Cumberland Borough	1201 Market St. New Cumberland, PA 17070 717-774-7826	1.25	.5	3,301	Secondary plus nutrient reduction	Susquehanna River	None	3 houses in Lower Allen Twp.	New Cumberland Borough, 3 homes in Lower Allen
Newville Borough	4 West Street Newville, PA 17241 717-776-5633	0.650	0.198	850	Secondary	Big Spring Creek	None	No	Newville, North Newton, West Pennsboro
North Middleton Authority	240 Clearwater Drive Carlisle, PA 17013 717-243-8269	1.3	0.996	3,300	Secondary	Conodoguinet Creek	Extensions for developers	No	North Middleton, Middlesex
Shippensburg Borough	60 West Burd Street, Shippensburg, PA 17257 717-532-2147	3.3	Info unavailable	Information unavailable	Secondary	Middle Spring	Upgrade to 4.3 mgd in 2014	Yes	Shippensburg Borough, Southampton, Shippensburg Twp.
Silver Spring Township	5 Willow Mill Park Road, Suite 3 Mechanicsburg,	1.2	0.5	4,000	Tertiary	Conodoguinet Creek	None	No	Silver Springs

**Figure 13.9 INVENTORY OF MUNICIPAL WASTEWATER TREATMENT FACILITIES  
CUMBERLAND COUNTY - 2016**

<i>Wastewater Treatment Facility</i>	<i>Mailing Address</i>	<i>2014 Permitted Capacity (mgd)</i>	<i>2014 Average Daily flow (mgd)</i>	<i>Number of Facilities/ Households Served</i>	<i>Treatment Type</i>	<i>Receiving Stream</i>	<i>Planned Upgrades and/or Alterations</i>	<i>Receives Septage</i>	<i>Municipalities Served</i>
	PA 17050								
South Middleton Township Municipal Authority	345 Lear Lane Boiling Springs, PA 17007 717-258-6476	0.75	0.637	4,400	Secondary – Upgrade to tertiary October 2015	Yellow Breeches Creek	Upgrade to 1.5 mgd – October 2015	No	South Middleton, Monroe
Upper Allen Township Grantham Wastewater Treatment Plant	100 Gettysburg Pike, Mechanicsburg, PA 17055 717-766-0756	1.1	0.634	2,535 Res. EDUs  637 Nonres EDUs	Secondary	Yellow Breeches Creek	Just completed nutrient reduction	No	Upper Allen, Messiah College
West Pennsboro Twp. Municipal Authority	2150 Newville Road, Carlisle, PA 17015	Newville Road Capacity 0.123 mgd	0.033 mgd	211 EDUs plus Turnpike Plaza	Info unavailable	Conodoguinet Creek	Regional Pump Station at 233/11 intersection	Yes, from Penn Twp to Newville	Newville, Penn, West Pennsboro

Source: County Planning Commission Municipal Survey - 2014

## Public and Community Water Systems

Community water services are provided throughout the County by twenty-four (24) active community water systems. These systems are owned by various entities including authorities, investors, water associations, and government entities (federal, state and local).

Sixteen active systems service mobile home parks and small communities (Table 13.10). These are typically self-contained and allow for minimal expansions to surrounding areas. The larger municipal/community systems are described in Table 13.11, Public and Community Water Systems, and their service areas are shown in Figure 13.2 as part of the delineation of Community Service Areas.

The largest public water systems include:

- Pennsylvania American Water Company West
- United Water Mechanicsburg
- Carlisle Borough Water Plant
- Shippensburg Borough Water Authority

There are also private water systems including:

- Navy Inventory Control Point (5,400 persons served)
- State Correctional Institution (4,658 persons served)
- Carlisle Barracks and Army War College (1,700 persons served)

The sources for these systems are primarily surface water sources such as the Yellow Breeches Creek, Conodoguinet Creek, and Cedar Run. The primary source of water for the Carlisle Barracks and Army War College is well water.<sup>1</sup>

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<sup>1</sup> PA. Department of Environmental Protection, Public Water System and Source Data. Accessed on June 23, 2014 at <http://www.drinkingwater.state.pa.us>.

**Table 13.10  
MOBILE HOME PARK AND SMALL WATER SYSTEM SUMMARY - CUMBERLAND COUNTY, 2016**

<b>SYSTEM NAME</b>	<b>ACTIVITY CODE</b>	<b>SYSTEM TYPE</b>	<b>OWNER TYPE</b>	<b>POPULATION SERVED</b>	<b>REGULATED BY</b>	<b>PRIMARY SOURCE</b>
Big Spring Terrace MHP	Active	Community	Investor	439	State	Ground
Blue Mountain Heights MHP	Active	Community	Investor	162	State	Ground
Conodoguinet Mobile Est	Active	Community	Investor	265	State	Ground
Country View Est	Active	Community	Investor	270	State	Ground
Creek View Mobile Home Commun	Active	Community	Private Individual	80	State	Ground
Dickinson Twp Munic Auth	Active	Community	Authority	35	State	Purchased Ground
Harmony Estates MHP	Active	Community	Investor	80	State	Ground
Hillside MHP	Active	Community	Investor	54	State	Ground
Hodges MHP	Active	Community	Investor	110	State	Ground
Mt View Terrace MHP	Active	Community	Investor	179	State	Ground
Regency Woods MHP	Active	Community	Investor	450	State	Ground
Rolling Hills Estates	Active	Community	Investor	170	State	Ground
Southampton Manor MHP	Active	Community	Investor	160	State	Ground
Southern Cumberland Water Assn	Active	Community	Water Association	400	State	Ground
View Mountain MHP	Active	Community	Investor	80	State	Ground
Williams Grove MHP	Active	Community	Investor	179	State	Ground
<b>TOTAL:</b>				<b>3113</b>		
Source: PA. Department of Environmental Protection, Public Water System and Source Data. at <a href="http://www.drinkingwater.state.pa.us">http://www.drinkingwater.state.pa.us</a> ; 2016.						

**Table 13.11  
MAJOR PUBLIC AND COMMUNITY WATER SYSTEMS, CUMBERLAND COUNTY - 2016**

<i>System Name</i>	<i>Mail Address and Phone</i>	<i>2016 Design Capacity (mgd)</i>	<i>2016 Average Daily Flow (mgd)</i>	<i>Municipalities Served</i>	<i>Planned Upgrades and/or Alterations</i>	<i>Population Served</i>	<i>Primary Source</i>	<i>Owner Type</i>
Carlisle Borough Water Plant	53 West South Street Carlisle, PA 17013 717-249-4422	7.0	2.8	Carlisle, North Middleton, Middlesex	None	30,314	Conodoguinet Creek Surface	Municipal Authority-Operated by Borough
Middlesex Township Municipal Authority	350 North Middlesex Road, Ste. 2 Carlisle, PA 17013 717-243-0674	1.0	0.86	North Middleton, Middlesex	None	3,527	Purchased from South Middleton and Ground	Municipal
Newville Borough Water and Sewer (Cool Spring Water Filtration Plant)	4 West St. Newville, PA 17241 717-776-6305	1.0	0.185	Newville, North Newton, West Pennsboro	None	2,070	Cool Spring Surface	Authority
North Middleton Authority	240 Clearwater Drive Carlisle, PA 17013 717-243-8269	1.0	0.3	North Middleton, Middlesex	None (some water from other Authorities)	9,483	Surface	Authority
Pennsylvania American Water Company, West Shore System	852 Wesley Drive Mechanicsburg, PA 17055 717-790-3028	Fairview Twp: 12 Silver Spring: 8	13.7	East Pennsboro, Camp Hill, Lemoyne, Lower Allen, Upper Allen, New Cumberland, Shiremanstown, Wormleysburg, Silver Springs, Hampden	No	93,368	Yellow Breeches Creek (Fairview) Conodoguinet Creek (Silver Spring)	Private

**Table 13.11  
MAJOR PUBLIC AND COMMUNITY WATER SYSTEMS, CUMBERLAND COUNTY - 2016**

<i>System Name</i>	<i>Mail Address and Phone</i>	<i>2016 Design Capacity (mgd)</i>	<i>2016 Average Daily Flow (mgd)</i>	<i>Municipalities Served</i>	<i>Planned Upgrades and/or Alterations</i>	<i>Population Served</i>	<i>Primary Source</i>	<i>Owner Type</i>
Shippensburg Borough Water Authority	111 N. Fayette St. P.O. Box 129 Shippensburg, PA 17257	6.9	1.6	Shippensburg Borough, Shippensburg Township, Southampton, South Newton	Upgrade in Franklin County. Will increase capacity to 5.7 mgd in 2016.	17,800	3 groundwater supply wells, 1 surface plant.	Municipal
South Middleton Township Municipal Authority	345 Lear Lane Boiling Springs, PA 17007	5.8	2.6	North Middleton, South Middleton, Dickinson, Carlisle, Middlesex	None	10,068	Ground	Authority
United Water Pennsylvania	4211 East Park Cir Harrisburg, PA 17111	Mechanicsburg 3.7 Grantham Well 0.73 Center Square Well 0.54	Mechanicsburg 2.7 Market Street WTP 0.588 Grantham Well 0.24 Center Square Well 0.107	Lower Allen, Upper Allen, Mechanicsburg, Monaghan, Monroe, Hampden, Silver Spring	None	Mechanicsburg 32,336 Grantham 4,860 Center Square 1,556	Rabold Plant: Yellow Breeches Creek - Surface Market Street Plant - Ground Grantham Ground Center Square Ground	Private

## **Stormwater Management**

The Pennsylvania Stormwater Management Act (Act 167) mandates that counties develop stormwater management plans for every designated watershed within its boundaries, in cooperation with the local governing bodies. The intention of the studies is not to correct existing runoff problems, but to manage stormwater generated from future development. Once the County adopts a plan, municipalities in that watershed must adopt stormwater regulations consistent with the adopted plan. This ensures consistent regulations and a coordinated stormwater plan throughout the watershed.

In 2010, Cumberland County adopted a county-wide Act 167 Stormwater Management Plan. In addition, the County has developed watershed based plans for three watersheds – Hogestown/Trindle Spring Run, Cedar Run, and Upper Yellow Breeches Creek. Every municipality in Cumberland County has adopted a stormwater management ordinance that is consistent with the adopted County-wide Stormwater Management Plan.

Another initiative is the National Pollution Discharge Elimination Systems (NPDES) Phase II by the Environmental Protection Agency (EPA). It addresses runoff transported to Municipal Separate Stormwater Sewer Systems (MS4s). Municipalities which have been defined as “urbanized” by the Census must implement a program which addresses six control measures: (1) public education, (2) public participation, (3) illicit discharges, (4) construction site runoff control, (5) post construction runoff control, and (6) pollution prevention program.

In Cumberland County, these MS4 requirements impact all or portions of the municipalities located east of Carlisle, including Carlisle Borough. DEP has linked these two sets of regulations, Act 167 and NPDES Phase II, to allow municipalities to meet some of the NPDES Phase II (MS4) requirements through Act 167 planning.

## **Waste Management Services**

Multiple statutes govern the management of municipal solid waste within Pennsylvania. The most significant are the Solid Waste Management Act of 1980 (Act 97) and the Municipal Waste Planning, Recycling and Waste Reduction Act of 1988 (Act 101).

Act 97 requires municipalities to provide for the planning and regulation of solid waste storage, collection, transportation, processing, treatment, and disposal. Act 101 shifted some of these responsibilities to the county level. The County’s primary duties are securing sufficient disposal capacity for waste and demonstrating efforts to attain the state’s recycling initiative of thirty-five (35) percent. Municipalities are still required to assure the proper storage, collection, and transportation of municipal solid waste. Cumberland County has appointed a Recycling & Waste Authority to guide the county program and advise the Board of Commissioners. A County Municipal Waste Management Plan was adopted in accordance with Act 101.

### *Recycling*

Recycling services in Cumberland County are largely the result of municipal ordinances required by Act 101, as well as voluntarily adopted ordinances put in place by the community. Act 101

mandates that each municipality that has a population of 10,000 or more people, or has a population of more than 5,000 and a density of more than 300 people per square mile, shall implement collection programs for residential and commercial recyclable materials.

The recycling collection program shall include, at a minimum, the following elements:

- (1) An ordinance or regulation adopted by the municipality, requiring all of the following:
  - (i) Separate at least three materials deemed appropriate by the municipality from other municipal waste generated at residences and to store such materials until collection.
  - (ii) Separate leaf waste from other municipal waste generated at residences until collection unless composting of leaf waste is provided.
  - (iii) Separate office paper, aluminum, corrugated paper and leaf waste and other materials deemed appropriate by the municipality generated at commercial, municipal or institutional establishments and to store the material until collection.
- (2) A scheduled day, at least once per month, during which separated materials are to be collected; and a system, including trucks and equipment that collects recyclable materials.

Cumberland County currently has twelve (12) municipalities that fall into this “mandated” category.

Carlisle Borough	New Cumberland Borough
Camp Hill Borough	North Middleton Township
East Pennsboro Township	Shippensburg Borough
Hampden Township	Silver Spring Township
Lower Allen Township	South Middleton Township
Mechanicsburg Borough	Upper Allen Township

These municipalities arrange for a single hauler through competitive bidding, or by providing the service themselves (Shippensburg Borough). Commercial, municipal, and institutional establishments are free to contract with their transporter of choice.

Thirteen (13) other municipalities have voluntarily adopted ordinances which require some form of mandatory residential and/or commercial recycling. They are: Dickinson Township, Lemoyne Borough, Middlesex Township, Monroe Township, Mt. Holly Springs Borough, Newville Borough, Penn Township, Shippensburg Township, Shiremanstown Borough, Southampton Township, South Newton Township, West Pennsboro Township, and Wormleysburg Borough.

Eight (8) municipalities have no mandatory recycling requirements. They are: Cooke, Hopewell Township, Lower Frankford Township, Lower Mifflin Township, Newburg Borough, North Newton Township, Upper Frankford Township, and Upper Mifflin Township. Hopewell Township and Lower Frankford Township host once-a-month recycling drop-offs. Cooke Township and North Newton Township have ordinances that encourage recycling by allowing their residents to use Southampton Township’s contracted hauler at the contracted rates.

### *Solid Waste*

The collection of solid waste in Cumberland County mirrors the recycling services. Typically, the collection of solid waste and recyclables are bundled. Therefore, twenty-five (25) Cumberland County municipalities have mandatory storage and curbside collection of residential

solid waste. Commercial, municipal, and institutional establishments are free to contract with their transporter of choice for waste collection and disposal services.

Eight (8) municipalities have no mandatory solid waste disposal requirements. Residents in Hopewell Township, North Newton Township, and Newburg Borough, however, may take up to five trash bags per week to the Cumberland County Landfill at no charge, as part of host agreements they have negotiated with the landfill. Cooke Township and North Newton Township encourage curbside solid waste collection just as they do recycling.

The County secures disposal capacity through its planning process. All municipal solid waste generated and collected in Cumberland County must go to one of the facilities listed in Cumberland County's Municipal Waste Management Plan.

### *Special Wastes*

The County provides, at various times, programs for special wastes such as household hazardous wastes, electronics, tires, white goods, and pharmaceuticals. These programs are provided through drop-off collection events during the year. The Household Hazardous Waste Program, has been the longest running. Programs for electronics, tires, white goods, and pharmaceuticals have been tapered as other solutions became available. The cost of providing programs for special wastes will always need monitored.

Most municipalities with mandatory residential programs either allow their residents to set out bulky waste items curbside or offer a spring and/or fall clean-up day for bulky wastes.

The County also coordinates a yard waste processing equipment cooperative. To comply with Act 101 requirements, several municipalities in Cumberland County have constructed and operate facilities for yard waste. The resulting compost and wood mulch is then made available to the residents, thus completing the recycling loop.

Since 1994, Cumberland County has facilitated a yard waste processing equipment program by purchasing, through grants, yard waste processing equipment, which is available for municipal use. The County fronts costs, applies for grants, schedules equipment use, etc. The municipal participants then reimburse the County based on the amount of hours they put on each machine.

### *Other Services*

The County provides technical assistance to municipalities on waste management and recycling issues such as recycling program development, grant writing, and the development of solid waste and recycling ordinances and contracts. The County also lends support to the Hopewell Township and Lower Frankford Township drop-off recycling sites.

More detail on county and municipal solid waste management programs and services can be found in the *Cumberland County Municipal Waste Management Plan Update and Revision November 2013*. The Plan is available for review at: <http://www.ccpa.net/3830/Municipal-Waste-Management-Plan>.