

CHAPTER 13

Existing Community Facilities and Services

A wide variety of community facilities and services are provided to Cumberland County residents, including educational, health, recreational, emergency, public water, public sewerage, solid waste management, and utility facilities and services. Factors influencing the need for and the provision of these services are dependent on the types and density of development, the composition and distribution of the residential population, and the financial resources and ability of County municipalities to support the range of facilities and services that are needed.

Introduction

The purpose of this chapter is to describe existing community facilities and services provided within the County. The discussion is primarily concerned with the existing characteristics and functional adequacy of these facilities. The adequacy and availability of these facilities reflect on the quality, convenience, and 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, current and future enrollments, and projected needs.

Public Elementary and Secondary Education

Local government, including County government, has very little impact on private educational facilities; in contrast to the very important role local government plays 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 and 1997, 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. Table 13.1 provides updated school district information, using the Department of Education website, and compares it with the 1987 and 1997 data. Total enrollment for the 2000/2001 school years for the nine school districts equaled 36,569 students. The three largest school districts are: the West Shore School District (8,164 students in sixteen facilities); Cumberland

Valley (7,644 students in ten facilities); and the Carlisle Area (4,783 students in ten facilities). The smallest school district is Camp Hill (1,113 students in four facilities).

In contrast to the period 1987 to 1997, over the past four years, 1997 to 2001, all of the school districts, except Carlisle Area School District, have gained in enrollments. The greatest increase has occurred in the West Shore School District (+101%). The other school districts have only gained a nominal amount ranging from 3% to 7% increase in enrollments. The only school district to experience a decreased enrollment for the period is the Carlisle Area School District (-4%). The smallest increase occurred in the Big Spring School District (+0.2%).

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 by grade level. This breakdown is an indication of what may be expected (given no new developments which would add considerable student populations) over the next decade, particularly to the middle and high school levels. An even distribution indicates, under present conditions, the districts should not expect many changes in enrollment figures or distribution in the middle and high schools over the next five years. 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 the communities in which they are located with additional recreational facilities. Table 13.2 lists these recreational facilities by district and by school. 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, in particular, indoor facilities.

**TABLE 13.1
SCHOOL ENROLLMENT AND DISTRIBUTION, CUMBERLAND COUNTY – 1986/87, 1996/97, & 2000/01**

Name of School District	Enrollment (% Change in Enrollment*)			Enrollment by Grade Level (% Distribution*)													
	2000/01	1996/97	1986/87	K	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th	10 th	11 th	12 th	Special
Big Spring	3230 (+0.2%)	3223 (+1%)	3183 (-3%)	216 (6.6%)	227 (7.0%)	256 (7.9%)	251 (7.7%)	281 (8.7%)	242 (7.4%)	242 (7.4%)	230 (7.1%)	268 (8.3%)	274 (8.4%)	277 (8.5%)	232 (7.1%)	234 (7.2%)	**
Big Spring High School	1017																
Big Spring Middle School	740																
Frankford Elementary School	121																
Mifflin Elementary School	140																
Newville Elementary School	369																
Oak Flat Elementary School	541																
Plainfield Elementary School	302																
Camp Hill	1113 (+7%)	1038 (+10%)	946 (-28%)	69 (6.2%)	90 (8.1%)	66 (5.9%)	81 (7.3%)	97 (8.7%)	83 (7.5%)	91 (8.2%)	92 (8.3%)	93 (8.4%)	89 (8.0%)	81 (7.3%)	95 (8.5%)	86 (7.7%)	9 (0.9%)
Camp Hill Senior High School	627																
Eisenhower Elementary School	69																
Camp Hill Middle School	156																
Schaeffer Elementary School	261																
Hoover Elementary School	262																
Carlisle Area	4783 (-4%)	4978 (-3%)	5147 (-14%)	289 (6%)	342 (7.2%)	318 (6.6%)	349 (7.3%)	349 (7.3%)	393 (8.2%)	416 (8.7%)	364 (7.6%)	404 (8.4%)	458 (9.6%)	369 (7.7%)	388 (8.1%)	334 (7%)	54 (1.1%)
Carlisle High School	1559																
Wilson Middle School	590																
Lamberton Middle School	594																
Bellaire Elementary School	324																
Crestview Elementary School	438																
Hamilton Elementary School	322																
Letort Elementary School	200																
Mooreland Elementary School	300																
Mt. Holly Springs Elementary School	256																
North Dickinson Elementary School	200																

**TABLE 13.1 (CONT.)
SCHOOL ENROLLMENT AND DISTRIBUTION, CUMBERLAND COUNTY – 1986/87, 1996/97, & 2000/01**

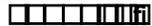
Name of School District	Enrollment (% Change in Enrollment*)			Enrollment by Grade Level (% Distribution*)													
	2000/01	1996/97	1986/87	K	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th	10 th	11 th	12 th	Special
Cumberland Valley	7644 (+3%)	7416 (+14%)	6479 (-14%)	459 (6%)	563 (7.4%)	546 (7.1%)	585 (7.7%)	598 (7.8%)	586 (7.7%)	582 (7.6%)	660 (8.6%)	634 (8.3%)	638 (8.3%)	635 (8.3%)	574 (7.5%)	584 (7.6%)	**
Cumberland Valley High School	2431																
Eagleview Middle School	1039																
Good Hope Middle School	837																
Green Ridge Elementary School	458																
Hampden Elementary School	544																
Middlesex Elementary School	446																
Monroe Elementary School	413																
Shaul Elementary School	400																
Silver Spring Elementary School	482																
Sporting Hill Elementary School	594																
East Pennsboro Area	2738 (+4%)	2624 (+19)	2210 (-27%)	181 (6.6%)	211 (7.7%)	237 (8.7%)	223 (8.1%)	237 (8.7%)	229 (8.4%)	212 (7.7%)	214 (7.8%)	210 (7.7%)	215 (7.9%)	212 (7.7%)	173 (6.3%)	184 (6.7%)	**
East Pennsboro High School	784																
East Pennsboro Middle School	865																
West Creek Hills Elementary	514																
East Pennsboro Elementary School	575																
Mechanicsburg Area	3542 (+6%)	3351 (+1%)	3326 (-24%)	221 (6.2%)	270 (7.6%)	270 (7.6%)	271 (7.7%)	291 (8.2%)	272 (7.7%)	285 (8.0%)	280 (7.9%)	273 (7.7%)	275 (7.8%)	297 (8.4%)	264 (7.5%)	273 (7.7%)	**
Mechanicsburg Senior High School	1109																
Mechanicsburg Intermediate School	838																
Broad Street Elementary School	317																
Filbert Street Elementary School	266																
Northside Elementary School	270																
Shepardstown Elementary School	303																
Shiremanstown Elementary School	132																
Upper Allen Elementary School	307																

**TABLE 13.1 (CONT.)
SCHOOL ENROLLMENT AND DISTRIBUTION, CUMBERLAND COUNTY – 1986/87, 1996/97, & 2000/01**

Name of School District	Enrollment (% Change in Enrollment*)			Enrollment by Grade Level (% Distribution*)													
	2000/01	1996/97	1986/87	K	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th	10 th	11 th	12 th	Special
Shippensburg Area***	3218 (+6%)	3029 (-12%)	2693 (-21%)	242 (7.5%)	265 (8.2%)	218 (6.8%)	242 (7.5%)	244 (7.6%)	270 (8.4%)	269 (8.4%)	257 (8.0%)	258 (8.0%)	262 (8.1%)	248 (7.7%)	217 (6.7%)	222 (6.9%)	24 (.8%)
Shippensburg Area Senior High School	949																
Shippensburg Area Middle School	784																
James Burd Elementary School	646																
Nancy Grayson Elementary School	723																
Rowland School for Young Children	116																
South Middleton	2137 (+4%)	2047 (+26%)	1639 (-21%)	150 (7.0%)	146 (6.8%)	150 (7.0%)	171 (8.0%)	156 (7.3%)	158 (7.4%)	157 (7.3%)	183 (8.6%)	161 (7.5%)	181 (8.5%)	200 (9.4%)	169 (7.9%)	155 (7.3%)	**
Boiling Springs Senior High School	705																
Iron Forge Educational Center	314																
William G. Rice Elementary School	617																
Yellow Breeches Middle School	501																

TABLE 13.1 (CONT.)
SCHOOL ENROLLMENT AND DISTRIBUTION, CUMBERLAND COUNTY – 1986/87, 1996/97, & 2000/01

Name of School District	Enrollment (% Change in Enrollment*)			Enrollment by Grade Level (% Distribution*)													
	2000/01	1996/97	1986/87	K	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th	10 th	11 th	12 th	Special
West Shore ***	8164 (101%)	4061 -----	N/A -----	495 (6.1%)	600 (7.3%)	576 (7.1%)	640 (7.8%)	712 (8.7%)	646 (7.9%)	597 (7.3%)	666 (8.2%)	646 (7.9%)	686 (8.4%)	640 (7.8%)	641 (7.9%)	577 (7.1%)	60 (1.5%)
Cedar Cliff High School	1333																
Red Land High School	487																
Allen Middle School	707																
Crossroads Middle School	258																
Fairview Elementary School	478																
Fishing Creek Elementary School	417																
Lemoyne Middle School	309																
New Cumberland Middle School	462																
Highland Elementary School	465																
Hillside Elementary School	178																
Lower Allen Elementary School	197																
Mt. Zion Elementary School	509																
Newberry Elementary School	1,231																
Red Mill Elementary School	564																
Rossmoyne Elementary School	208																
Washington Heights Elementary School	361																
Cumberland County Total Enrollment	36,569																



Percentage Change in Enrollment and % Distribution is only computed for each District as a whole

** Included with grade levels

*** Schools may be in another county, but still service Cumberland County

SOURCE: Tri-County Regional Planning Commission (1997) *Educational Facility Questionnaire*.

Pennsylvania Department of Education (2002) Accessed on 23 June 2003 at <http://www.pde.state.pa.us>

**TABLE 13.2
PUBLIC SCHOOL RECREATIONAL FACILITIES
CUMBERLAND COUNTY - 2003**

	Baseball Field	Softball Field	Football Field	Field Hockey Field	Soccer Field	Basketball Court	Practice Field	Tennis Court	Playground	Multipurpose Field	Nature Center	Swimming Pool	Gymnasium	Multipurpose Room
BIG SPRING SCHOOL DISTRICT														
Big Spring High School	X		X		X	X	X						X	
Big Spring Middle School		X		X	X	X	X				X	X	X	
Frankford Elementary School									X					X
Mifflin Elementary School									X					X
Newville Elementary School									X					X
Oak Flat Elementary School									X					X
Plainfield Elementary School									X					X
CAMP HILL SCHOOL DISTRICT														
Camp Hill Middle School						X							X	X
Camp Hill Senior High School	X		X	X	X	X							X	
Eisenhower Elementary School									X					
Hoover Elementary School		X				X	X	X	X				X	
Schaffer Elementary School									X					
CARLISLE AREA SCHOOL DISTRICT														
Bellaire Elementary School						X			X	X			X	
Crestview Elementary School	X					X			X	X			X	
Hamilton Elementary School						X			X	X	X		X	
Letort Elementary School	X					X			X	X	X		X	
Mooreland Elementary School						X			X	X	X		X	
Mt. Holly Springs Elementary School	X					X			X	X			X	
North Dickinson Elementary School						X			X	X			X	
Wilson Middle School		X		X	X	X		X					X	
Lamberton Middle School		X		X	X	X		X					X	
Swartz Intermediate High School		X		X	X		X			X			X	
McGowan Senior High School	X	X	X		X	X		X						

**TABLE 13.2 (CONT.)
PUBLIC SCHOOL RECREATIONAL FACILITIES
CUMBERLAND COUNTY - 2003**

	Baseball Field	Softball Field	Football Field	Field Hockey Field	Soccer Field	Basketball Court	Practice Field	Tennis Court	Playground	Multipurpose Field	Nature Center	Swimming Pool	Gymnasium	Multipurpose Room
CUMBERLAND VALLEY SCHOOL DISTRICT														
Cumberland Valley High School	X	X	X	X	X		X	X			X	X	X	
Eagle View Middle School		X	X		X	X				X			X	
Good Hope Middle School		X	X		X								X	
Green Ridge Elementary School					X	X			X				X	
Hampden Elementary School						X			X	X				
Middlesex Elementary School	X									X				
Monroe Elementary School	X					X			X	X				
Shaul Elementary School		X							X					
Silver Spring Elementary School		X				X			X	X				
Sporting Hill Elementary School		X			X	X			X				X	
EAST PENNSBORO AREA SCHOOL DISTRICT														
East Pennsboro Elementary School		X			X				X				X	
East Pennsboro Area Middle School	X	X					X			X		X	X	
East Pennsboro Area Senior High School	X		X	X			X	X					X	X
West Creek Hills Elem. School		X						X	X				X	
MECHANISBURG AREA SCHOOL DISTRICT														
District Facilities											X			
Mechanicsburg Area Intermediate High School										X			X	
Mechanicsburg Area High School		X		X	X			X		X		X	X	
Broad Street Elementary School														
Filbert Street Elementary School									X	X				
Northside Elementary School					X				X					
Shepardstown Elementary School									X					
Shiremanstown Elementary School									X					
Upper Allen Elementary School									X					

**TABLE 13.2 (CONT.)
PUBLIC SCHOOL RECREATIONAL FACILITIES
CUMBERLAND COUNTY - 2003**

	Baseball Field	Softball Field	Football Field	Field Hockey Field	Soccer Field	Basketball Court	Practice Field	Tennis Court	Playground	Multipurpose Field	Nature Center	Swimming Pool	Gymnasium	Multipurpose Room
SHIPPENSBURG AREA SCHOOL DISTRICT														
James Burd Elementary School					X	X			X	X	X		X	X
Nancy Grayson Elementary School	X					X			X	X			X	X
Rowland/Grace B. Luhrs Univ. Elem. School									X					
Shippensburg Area Middle High School							X							
Shippensburg Area Senior High School	X	X	X	X	X		X			X		X	X	
SOUTH MIDDLETON SCHOOL DISTRICT														
Boiling Springs High School	X	X	X	X	X		X					X	X	
Iron Forge Educational Center						X			X				X	
Rice Elementary School									X				X	
Yellow Breeches Middle School	X	X	X	X	X	X	X					X	X	X
WEST SHORE SCHOOL DISTRICT														
Allen Middle School	X		X		X									
Cedar Cliff High School	X	X	X	X	X			X					X	
Highland Elementary School	X								X					
Hillside Elementary School	X	X				X		X	X					
Lemoyne Middle School							X							
Lower Allen Elementary School		X				X			X					
New Cumberland Middle School													X	
Rossmoyne Elementary School		X				X		X	X					
Washington Heights Elem. School									X					

SOURCES: Tri-County Regional Planning Commission, Educational Facilities Survey, 1997;
<http://www.pde.state.pa.us/k12statistics/lib/k12statistics/01-02elenryork-state.pdf>;
<http://www.pde.state.pa.us/k12statistics/lib/k12statistics/01-02west-total2.pdf>; and confirmation by phone May 2003.

Vocational Technical Schools

The public school districts in Cumberland County support three vocational technical schools, which provide additional educational opportunities to high school students. The Cumberland–Perry Vocational Technical School serves the Camp Hill, Big Spring, Cumberland Valley, East Pennsboro, Mechanicsburg, South Middleton, and West Shore School Districts in Cumberland County as well as school districts in northern York County and all of Perry County. Enrollment at the facility for the 2001/02 school year was 919 students. Students receive a diploma upon graduation.

The Cumberland-Perry Vocational Technical School curriculum includes programs in Mathematics, Allied Health, HVAC, Auto Body Repair, Automotive Technology, Carpentry, Child Care, Commercial Art, Computer Information Systems, Cosmetology, Diesel Mechanics, Electrical Construction/Maintenance, Electronics Technology, Food Service, Graphic Arts, Dental Assistant, Health Assistant, Medical Assistant, Horticulture, Law Enforcement, Precision Machine Technology, Masonry, Material Handling, Microcomputer Repair, Office Technologies, and Welding.

The Carlisle Area School District has its own vocational technical education program and offers the following curriculums: Auto Technology, Carpentry, Masonry, Cabinet Making, Manufacturing Maintenance, Child Care, Accounting, General Office, Executive Secretary, Cosmetology, Electrical Occupations, Graphics, Drafting, Legal Secretary, and Engineering.

The Shippensburg Area School District utilizes the Franklin County Vocational Technical School to satisfy its technical school needs.

Non-Public Education

In addition to public elementary and secondary education, there are many non-public educational facilities. The Pennsylvania Department of Education separates these facilities into licensed private academic schools, and non-licensed, private elementary and secondary schools. The Pennsylvania Department of Education lists thirty (30) licensed facilities located in Cumberland County. These schools provide a variety of educational services which include: nursery and kindergarten education; summer sessions; educational testing and remedial centers; special education for the brain-damaged, socially and emotionally disturbed, speech and language impaired, and mentally retarded individuals. Table 13.3 lists the licensed private schools, addresses and type of services offered.

Forty-eight (48) non-licensed, private elementary 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. Table 13.4 lists these schools and addresses. Table 13.5 lists the fifteen (15) non-licensed, private secondary schools that serve Cumberland County. The totals of all types of non-licensed, private schools are shown in Table 13.6.

**TABLE 13.3
LICENSED PRIVATE ACADEMIC SCHOOLS, CUMBERLAND COUNTY - 2003**

Name of Facility	Address	Brain Damaged	Educational Testing/ Remedial Center	Mentally Retarded	Kindergarten	Socially Emotionally Disabled	Summer Session	Speech Impaired	Nursery
ABC Bright Beginnings	201 W. Louther St., Carlisle, PA 17013								X
Best Friends Day Care	206 Bridge St., New Cumberland, PA 17070				X				
Brookside Montessori School	3708 Rosemont Ave., Camp Hill, PA 17011				X				X
Chesterbrook Academy	1871 Center St., Camp Hill, PA 17011				X				X
Capital Area Children's Center	44 S. 38 th St., Camp Hill, PA 17011				X				X
Carlisle Comm. Nursery School	528 Garland Dr., Carlisle, PA 17013								X
Carlisle Early Education Center	100 East Pomfret St., Carlisle, PA 17013				X				
Children School of New Cumberland	16th and Brandt Ave., New Cumberland, PA 17070				X				X
Children's Family Center	100 Mt. Allen Dr., Mechanicsburg, PA 17055				X				X
Discovery Schools	3710 Trindle Rd., Camp Hill, PA 17033				X				
Goddard School	4955 Woodland Dr., Enola, PA 17025				X				X
Goddard School	5049 Ritter Rd., Mechanicsburg, PA 17055								X
Huntington Learning Center	25 Gateway Dr., Ste 108, Mechanicsburg, PA 17055		X						
Kinder Care Learning Center	730 Wertzville, Rd., Enola, PA 17025				X				
Kinder Care Learning Center 732	3715 Kohler Pl., Camp Hill, PA 17011				X				
Kinder Care Learning Center 1628	335 Cumberland Pkwy., Mechanicsburg, PA 17055				X				X
Learning and Sharing	335 Front St., New Cumberland, PA 17070				X				X
Magic Years	1007 Rana Villa, Camp Hill, PA 17033				X				X
Magic Years	14 Brookwood Ave., Carlisle, PA 17013				X				X
Magic Years	457 N. 21st St., Camp Hill, PA 17033				X				X
Mechanicsburg Learning Center	1425 S. Market St., Mechanicsburg, PA 17055				X				X
Mechanicsburg Learning Center	30 W. Carlisle Pike, New Kingston, PA 17072				X				X
Messiah College Early Learning Ctr.	P.O. Box 3021, Grantham, PA 17027								X
Mulberry Child Care	3710 Trindle Rd., Camp Hill, PA 17011				X				X
Sylvan Learning Center	1250 Ritner Hwy., Carlisle, PA 17013		X						
Tender Years	203 House Ave., Camp Hill, PA 17011				X				X
United Cerebral Palsy	925 Linda Lane, Camp Hill, PA 17033	X		X		X	X	X	
Wonder Years	5005 Carlisle Pike, Mechanicsburg, PA 17055				X				
Yellow Breeches Educational Ctr.	510 Park Dr., Boiling Springs, PA 17007								
YMCA Child Development Ctr.	311 S. West St., Carlisle, PA 17013				X				X

SOURCES: PA Department of Education, "EdNA; Cumberland County; Basic Education; Licensed, Private Academic School," at <http://edna.ed.state.pa.us/EntitySearchResult.asp>, 2003; and confirmation by phone, 2003.

TABLE 13.4
NON-LICENSED, PRIVATE ELEMENARY SCHOOL ENROLLMENT
CUMBERLAND COUNTY - 2001/02

School	Enrollment 2001-2002
Berean Christian School, 12 Windy Hill Rd., Newville, PA 17241	22
Bethel Christian Academy, 1412 Holly Pike, Carlisle, PA 17013	154
Bible Baptist School, 201 W. Main St., Shiremanstown, PA 17011	289
Brookside Montessori School, 3708 Rosemont Ave., Camp Hill, PA 17011	23
Carlisle Early Education Center, 100 E. Pomfret St., Carlisle, PA 17013	15
Chesterbrook Academy, 1871 Center St., Camp Hill, PA 17011	18
Chestnut Grove Parochial School, 212 Hammond Rd., Shippensburg, PA 17257	32
Children's School of New Cumberland, 617 16 th St., New Cumberland, PA 17070	19
Christian School Grace Baptist, 777 W. North St., Carlisle, PA 17013	141
Cornerstone Christian Academy, 54 S. Bedford St., Carlisle, PA 17013	9
Dickinson College Children's Center, Dickinson College, Carlisle, PA 17013	14
Emmanuel Baptist Christ Academy, 4681 E. Trindle Rd., Mechanicsburg, PA 17055	118
Fair Oaks SDA School, 15 Oak Park Ave., Carlisle, PA 17013	8
Faith Tabernacle School, 1410 Good Hope Rd., Mechanicsburg, PA 17055	97
Goddard School, 4955 Woodland Dr., Enola, PA 17025	2
Good Shepard School, 34 th & Market Sts., Camp Hill, PA 17011	270
Great Hope Baptist School, 110 Fern Ave., Carlisle, PA 17013	16
Harrisburg Academy, 10 Erford Rd., Wormleysburg, PA 17043	294
Hidden Valley School, 244 Farm Road, Newville, PA 17241	24
Independent Baptist Church Academy, 308 S. Queen St., Shippensburg, PA 17257	2
Kids on Campus, 722 Valley Rd., Enola, PA 17025	5
Kinder-Care Learning Center, 730 Wertzville Rd., Enola, PA 17025	20
Kinder-Care Learning Center, 732, 3715 Kohler Pl., Camp Hill, PA 17011	12
Kinder-Care Learning Center 1628, 335 Cumberland Pkwy., Mechanicsburg, PA 17055	13
Learning and Sharing, 335 Front St., New Cumberland County, PA 17070	18
Living Faith School, 297 Goodhart Rd., Shippensburg, PA 17257	9
Magic Years, 457 N 21 st St., Camp Hill, PA 17011	3
Magic Years, 14 Brookwood Ave., Carlisle PA 17013	9
Magic Years, 1007 Rana Villa Ave., Camp Hill, PA 17011	5
Meadow Run Parochial School, Newburg, PA 17240	34
Mechanicsburg Learning Center, 1425 S. Market St., Mechanicsburg, PA 17055	7
Middle Run Parochial School, 7490 Olde Scotland Rd., Shippensburg, PA 17257	28
Mt. Rock Parochial School, Shippensburg, PA 17257	30
Mulberry Child Care, 3710 Trindle Rd., Camp Hill, PA 17011	18
Oak Grove Parochial School, Shippensburg, PA 17257	32
Oakwood Baptist Day School, 4315 Chestnut St., Camp Hill, PA 17011	12
Quarry Hill school, 3670 Ritner Highway, Newville, PA 17241	28
Rocky View Parochial School, 30 Wildwood Rd., Newville, PA 17241	36
Running Pump Road Parochial School, Shippensburg, PA 17257	9
Shady Lane Amish School Shippensburg, PA 17257	20
South Mountain Parochial School, RD 2, Shippensburg, PA 17257	21
Spring Hill Parochial School, Shippensburg, PA 17257	34
St. Joseph School, 400 E. Simpson St., Mechanicsburg, PA 17055	490
St. Patrick School, 87 Marsh Dr., Carlisle, PA 17013	459
St. Theresa School, 1200 Bridge St., New Cumberland, PA 17070	498
Tender Years Inc., 203 House Ave., Camp Hill, PA 17011	10
TLC Learning Center, 22 Saint Johns Church Rd., Camp Hill, PA 17011	10
YMCA Child Development Center, 311 S. West St., Carlisle, PA 17013	15
COUNTY TOTAL	3,452
SOURCE: Pennsylvania Department of Education, Private and Non-Public Elementary School Enrollments, 2001-2002. Accessed on at http://www.pde.state.pa.us/k12statistics/ChesthruCumb.pdf	

**TABLE 13.5
NON-LICENSED, PRIVATE SECONDARY SCHOOL ENROLLMENT:
CUMBERLAND COUNTY – 2001/02**

School	Enrollment 2001-2002
Berean Christian School, 12 Windy Hill Rd., Newville, PA 17241	2
Bible Baptist School, 201 W. Main St., Shiremanstown, PA 17011	279
Chestnut Grove Parochial School, 212 Hammond Rd., Shippensburg, PA 17257	4
Emmanuel Baptist Christ Academy, 4681 E. Trindle rd., Mechanicsburg, PA 17055	40
Faith Tabernacle School, 1410 Good Hope Rd., Mechanicsburg, PA 17055	31
Great Hope Baptist School, 110 Fern Ave., Carlisle, PA 17013	3
Harrisburg Academy, 10 Erford Rd., Wormleysburg, PA 17043	129
Hidden Valley School, 244 Farm Rd., Newville, PA 17241	6
Independent Baptist Church Academy, 308 S. Queen St., Shippensburg, PA 17257	6
Meadow Run Parochial School, Newburg, PA 17240	12
Mt. Rock Parochial School, Shippensburg, PA 17257	4
Quarry Hill School, 3670 Ritner Highway, Newville, PA 17241	9
Rocky View Parochial School, 30 Wildwood Rd., Newville, PA 17241	9
South Mountain Parochial School, RR 2, Shippensburg, PA 17257	6
Trinity High School, 3601 Simpson Ferry Rd., Camp Hill, PA 17011	623
COUNTY TOTAL	1,163
SOURCE: Pennsylvania Department of Education, Private and Non-Public Secondary School Enrollments for 2001-2002. Accessed on at http://www.pde.state.pa.us/lib/k12statistics/CumbthruLack.pdf .	

**TABLE 13.6
NON-LICENSED, PRIVATE SCHOOLS TOTALS, CUMBERLAND COUNTY – 2001/02**

Type of School	No. of Schools	Enrollment Estimated
Kindergarten	12	251
Elementary only	25	2374
Elementary & Secondary	15	1073
Secondary only (9-12)	1	623
TOTALS	53	4321
SOURCE: Pennsylvania Department of Education, Private and Non-Public Elementary and Secondary School Enrollments, 2001-2002. Accessed on at http://www.pde.state.pa.us/lib/k12statistics/CumbthruLack.pdf .		

Higher Education

Higher Education is provided at five Cumberland County institutions. Table 13.7 provides descriptive information regarding these facilities.

Shippensburg University offers both undergraduate and graduate degrees. At the graduate level, Dickinson School of Law is a nationally recognized law school that has recently become associated with Pennsylvania State University. Dickinson College and Messiah College are privately owned and operated undergraduate facilities.

In addition to these facilities, the Central Pennsylvania College offers a variety of associate degrees in business related fields.

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).

**TABLE 13.7
HIGHER EDUCATION FACILITIES
CUMBERLAND COUNTY - 2000**

Name of Facility	Location	Fall 2000 Enrollment		
		Fall-Time	Part-Time	Total Enrollment
Dickinson College	Carlisle Boro.	2,087	28	2,115
Dickinson School of Law	Carlisle Boro.	533	3	536
Central Pennsylvania College	East Pennsboro Twp.	522	51	573
Messiah College	Upper Allen Twp.	2,737	60	2,797
Shippensburg University	Shippensburg Twp.	5,927	1,084	7,011
COUNTY TOTAL		11,806	1,226	13,032
SOURCE: Pennsylvania Department of Education, Total Enrollments in Institutions of Higher Education in Pennsylvania, Fall 2000.				

Libraries

A wide variety of both private and public libraries are available to Cumberland County residents (Tables 13.8 & 13.9). 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.

**TABLE 13.8
CUMBERLAND COUNTY LIBRARY SYSTEM**

Amelia S. Given Library 114 N. Baltimore Ave. Mt. Holly Springs, PA 17065	John Graham Public Library 9 Parsonage St. Newville, PA 17241
Bosler Free Library 158 W. High St. Carlisle, PA 17013	Joseph T. Simpson Library 16 N. Walnut St. Mechanicsburg, PA 17055
East Pennsboro Branch of the Fredricksen Library 98 S. Enola Dr., Township Building Enola, PA 17025	New Cumberland Public Library 1 Benjamin Plaza New Cumberland, PA 17070
Fredrickson Library 100 N. 19 th St. Camp Hill, PA 17011	Shippensburg Public Library 73 W. King St. Shippensburg, PA 17257
SOURCE: Cumberland County Library System Administrative Office, (717) 240-6175, 2003.	

**TABLE 13.9
OTHER LIBRARIES IN CUMBERLAND COUNTY**

Academic Libraries	
Central Pennsylvania Business School College Hill Rd. Summerdale, PA 17093	Messiah College Murray Learning Resource Center Grantham, PA 17027
Dickinson College Boyde Lee Spahr Library Carlisle, PA 17013	Shippensburg University Ezra Lehman Memorial Library 1871 Old Main Dr. Shippensburg, PA 17257
Law Libraries	
Cumberland County Law Library One Courthouse Sq. Carlisle, PA 17013	Dickinson School of Law Sheely-Lee Law Library 150 South College St. Carlisle, PA 17013
Special Libraries	
Carlisle Hospital Medical Library 246 Parker Street Carlisle, PA 17013	Cumberland County Historical Society & Hamilton Library Association PO Box 626 Carlisle, PA 17013
Holy Spirit Hospital Medical Library 503 North 21 st St. Camp Hill, PA 17011	Shaffer-Orecchia Associates M. Courtney Library 650 North 12 th St. Lemoyne, PA 17043
U.S. Army Military History Institute* Building 22 – Upton Hall Carlisle Barracks Carlisle, PA 17013	U.S. Army War College Library Building 122 Carlisle Barracks Carlisle, PA 17013
* Note: The U.S. Army Military History Institute is planned to be part of the new U.S. Army Heritage Center on Army Heritage Dr. in Middlesex Twp. The relocation is expected in 2003.	
SOURCES: Jonelle Prether Darr, Director of the Cumberland County Library System, Correspondence dated June, 2002; Pennsylvania Department of Education, Office of Commonwealth Libraries, 1997 Directory of Pennsylvania Libraries; U.S. Army Military Institute (2003) <i>What's New in Current and Future Events</i> . Accessed on 9 June 2003 at http://carlisle-www.army.mil/usamhi/1whatsnewsheaders.html .	

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.

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 including 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. Table 13.10 shows the service capacity the existing library system provides residents of Cumberland County.

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. Longer operating hours, additional material purchases, improved facilities, more programming, new homebound services, internet access and expanded countywide summer reading programs all contributed to a high level of demand.

In 2000, the County's Library System service statistics indicated that library use had never been higher. Since then, circulation figures and library cardholders have increased. Over 63% of county residents have library cards. Attendance at library programs has also increased. Cumberland County has the 3rd highest circulation per capita for library systems in Pennsylvania.

**TABLE 13.10
CUMBERLAND COUNTY LIBRARY SYSTEM PROFILE, 2000**

Name of Facility	Service Area Population	Collection	Circulation
Amelia S. Given	10,745	26,478	94,768
Bosler Free Library	48,112	92,411	351,905
East Pennsboro Branch of the Fredricksen Library	N/A	12,555	45,382
John Graham	11,115	32,787	44,600
Joseph T. Simpson	42,054	64,577	411,389
New Cumberland	7,349	59,327	198,169
Shippensburg	27,754	54,327	121,232
Fredricksen	74,054	75,019	351,905
Administration Office	N/A	7,571	10,777
COUNTY TOTAL	221,162	425,092	1,704,348
SOURCE: Cumberland County (2003) <i>Welcome to Cumberland County PA!</i> Accessed on 21 May 2003 at http://www.ccpa.net .			

System Information Technology

CCLS utilizes Dynix software (circulation, cataloging, acquisitions, homebound services, reference databases, and internet services). A move to Dynix's Horizon Sunrise software is planned for 2004.

System wide, the network is configured with 150 Personal Computers (PCs). All seven-member libraries provide at least one PC available for public Internet use. In conjunction with CCLS's information technology plan development, CCLS actively works with county government on key information technology issues. Public access to information is seen as integral to the success of county government and CCLS is an electronic access point for information about county government. The library system promotes this concept by providing:

- electronic access to county government information for the public.
- shared text and graphical-based Internet access with public libraries.
- web-based access to CCLS's bibliographic database and other libraries.

Health Facilities and Services

Four (4) hospitals are located in Cumberland County: Carlisle Hospital, Holy Spirit Hospital, Healthsouth Mechanicsburg Rehabilitation System, and Seidle Hospital. Table 13.11 provides descriptive information regarding the type of ownership, services provided, and the number of licensed beds for each facility. County residents have access to a number of excellent hospitals located in neighboring counties.

In addition to hospitals, Cumberland County has sixteen (16) licensed nursing homes. Table 13.12 lists these facilities as well as information regarding the type of ownership, the type of facility, the number of licensed beds, and continuing care. In addition, those facilities providing a dedicated Alzheimer unit and continuing life care options are identified. Ten (10) of the nursing homes are non-profit facilities, five (5) are for profit, and one (1) is owned and operated by the County. The sixteen (16) facilities provide a total of 1,980 licensed beds.

**TABLE 13.11
EXISTING HOSPITALS, CUMBERLAND COUNTY - 2002**

Hospital	Address	Type of Facility/Services	Bed Total
Cumberland County			
Carlisle Regional Medical Center	246 Parker St. Carlisle	General/surgery, obstetrics, gynecology, pediatrics, psychiatric hospice, neurophysiology, special care.	200
Holy Spirit Hospital	503 N. 21st St. Camp Hill	General/surgery, neonatal, obstetrics, gynecology, pediatrics, psychiatry, orthopedics, ophthalmology, advanced life support	312
Healthsouth Rehab Hospital of Mechanicsburg	175 Lancaster Blvd. Mechanicsburg	Head Injury, chronic pain, orthopedics, neurology, psychiatry, physical therapy, occupational therapy and vocational rehabilitation.	103
Healthsouth Rehab Hospital for Special Svcs.	5950 Wilson Ln. Mechanicsburg	Long-term acute care facility, complex medical and rehabilitation care.	46
Seidle Hospital (Pinnacle Health Hospitals)	120 S. Silbert St. Mechanicsburg	Non-acute care: radiology, mammography, physical and occupational therapy, family practice, diagnostic laboratory, blood donor center, and urgent medical care at another facility.	35
Dauphin County			
Community General Osteopathic Hospital (Pinnacle Health Hospitals)	4300 Londonderry Rd. Harrisburg	Acute-care facility: emergency, radiology, orthopedics, inpatient rehabilitation, general and orthopedic surgery, laboratory.	148
Edgewater Psychiatric Center	1829 N. Front St. Harrisburg	Psychiatric care: outpatient, residential, and partial hospitalization services at various facilities.	22
Harrisburg Hospital (Pinnacle Health Hospitals)	South Front St. Harrisburg	Non-profit outpatient and inpatient services: family practice center, kidney and pancreas transplantation, cardiovascular, orthopedics, oncology, respiratory, neurology, stroke and rehabilitation services, obstetrics, maternity, neonatal ICU, pediatrics, emergency, general/surgery, critical care, radiology, mammography, neurology, cardiovascular, pain management, women's care, cardiac/ pulmonary rehabilitation, mental health, long-term acute care, comprehensive rehabilitation - including speech, hearing, occupational and physical therapy.	411
Harrisburg State Hospital	Cameron St. Harrisburg	Psychiatric care	330
M.S. Hershey Medical Center	500 University Dr. Hershey	Penn State's College of Medicine and University Hospital. General surgery, family and community medicine, cardiology, obstetrics, gynecology, pediatrics, psychiatry, psychiatric research, aero-medical emergency services, trauma center, Elizabethville Hospital and Rehabilitation Center, South Central Lithotripter Alliance, Capital Area Poison Control Center.	504
SCCI Hospital Harrisburg	2601 N. Third St. Harrisburg	Long-term acute care facility	24
Franklin County			
Chambersburg Hospital (Summit Health)	112 N. 7th St. Chambersburg	General/surgery, emergency, mental health, radiology, therapy, social services, risk management, dialysis, critical care, and personal emergency response.	214
Waynesboro Hospital (Summit Health)	501 E. Main St. Waynesboro	Non-profit community hospital - diagnostic, medical, surgical, emergency, birthing, cancer, and rehab. services	62
SOURCES: Pennsylvania Department of Health* (2002) <i>Directory of Pennsylvania Hospitals and Ambulatory Surgery Centers</i> Accessed on 13 May 2003 at http://webserver.health.state.pa.us/health/lib/health/2000-2001hospdir.pdf .			
*These data were supplied by the Bureau of Health Statistics and Research, Pennsylvania Department of Health, Harrisburg, Pennsylvania. The Department specifically disclaims responsibility for any analyses, interpretations, or conclusions.			

TABLE 13.12
CHARACTERISTICS OF LICENCED NURSING HOMES
CUMBERLAND COUNTY - 2001

Name of Facility	Address	Type of Ownership	Licensed Beds	Continuing Care	Alzheimer Unit
Bethany Village Retirement Center	325 Wesley Dr. Mechanicsburg	Non-Profit	69	Yes	No
Beverly Healthcare	49 Erford Rd. Camp Hill	Profit	109	No	No
Chapel Point at Carlisle	770 S. Hanover St. Carlisle	Non-Profit	59	Yes	No
Church of God Home, Inc.	801 N. Hanover St. Carlisle	Non-Profit	109	Yes	No
Claremont Nursing and Rehabilitation Center of Cumberland County	1000 Claremont Rd. Carlisle	County	339	No	Yes
Cumberland Crossings	1 Longsdorf Way Carlisle	Non-Profit	59	No	No
Forest Park Health Center	700 Walnut Bottom Rd. Carlisle	Non-Profit	114	No	Yes
Manor Care Health Services – Camp Hill	1700 Market St. Camp Hill	Profit	123	No	Yes
Manor Care Health Services – Carlisle	940 Walnut Bottom Rd. Carlisle	Profit	150	No	Yes
Messiah Village	100 Mount Allen Dr. Mechanicsburg	Non-Profit	184	No	Yes
Pinnacle Health Skilled Nursing Unit at Seidle Hospital	120 S. Filbert St. Mechanicsburg	Non-Profit	35	No	No
Sarah A. Todd Memorial Home	1000 W. South St. Carlisle	Non-Profit	117	No	Yes
Shippensburg Health Care Center	121 Walnut Bottom Rd. Carlisle	Profit	125	No	Yes
Swaim Health Center	210 Big Spring Rd. Newville	Non-Profit	79	Yes	Yes
Thornwald Home	442 Walnut Bottom Rd. Carlisle	Non-Profit	83	No	No
West Shore Health & Rehab Center	770 Poplar Church Rd. Camp Hill	Profit	309	No	Yes
COUNTY TOTAL			2,063	4	9
SOURCE: Bureau of Health Statistics and Research, Pennsylvania Department of Health* (2001) <i>Directory of Pennsylvania Nursing Homes</i> . Accessed on at http://webserver.health.state.pa.us/health/lib/health/LTCDIRECTORY2003SMALL.pdf .					
*These data were supplied by the Bureau of Health Statistics and Research, Pennsylvania Department of Health, Harrisburg, Pennsylvania. The Department specifically disclaims responsibility for any analyses, interpretations, or conclusions.					

Parks and Recreation Facilities

Public Parks and Natural Areas

Park and recreation facilities provide numerous direct and indirect benefits that enhance the quality of life for the community. Parks can increase property values, attract and retain businesses, generate tourism, stimulate the local economy, enhance community pride and provide opportunities to pursue health and fitness.

The public parks and natural areas of Cumberland County offer the community a variety of active and passive recreational opportunities (Figure 13.2). An inventory of existing facilities indicates that approximately 53,708 acres of the county is managed as public parkland or natural areas (Table 13.13). This acreage represents approximately 15% of Cumberland County and includes the Appalachian National Scenic Trail, three State Parks, two county facilities, three State Game Lands, various Fish and Boat Commission facilities, and over 110 municipal parks. In addition, the County contains portions of two State Forests and part of State Game Lands #170 within its boundaries, which are included in the 15%. These facilities provide critical plant and wildlife habitat and natural resource protection. Additionally, they offer recreational opportunities when compatible with natural resource management goals.

**TABLE 13.13
PUBLIC PARKS AND NATURAL AREAS
CUMBERLAND COUNTY**

Owner	Acreage
Appalachian National Scenic Trail	2,734
Pennsylvania State Parks	2,423
Pennsylvania State Forests	39,870
Pennsylvania Game Lands	4,445
Pennsylvania Fish & Boat Commission Facilities	698
School District Recreation Facilities	800
County Facilities	913
Municipal Recreation Facilities	1,825
Total Acreage	53,708

The Appalachian National Scenic Trail

The Appalachian National Scenic Trail is a continuous, marked footpath extending along the crest of the Appalachian Mountain range for approximately 2,168 miles. The trail stretches from Maine to Georgia and is a unit of the National Park Service (NPS). Through a partnership agreement with the NPS, all day-to-day trail and land management activities are the responsibility of the Appalachian Trail Conference and local trail maintenance clubs. The Appalachian Trail (AT) enters Cumberland County from the northeast along the Blue Mountain ridgeline and crosses the valley to South Mountain. There are approximately 46.5 miles of the Appalachian Trail in Cumberland County, crossing public land owned by NPS, Pennsylvania

State Game Commission lands, Pine Grove Furnace State Park, and Michaux State Forest.¹ In creating the trail, the National Park Service acquired 2,734 acres of land in Cumberland County.²

In addition to the main AT, three regional side trails extend off the Appalachian Trail. The Tuscarora Trail and Darlington Trail diverge from the AT at the top of Blue Mountain near the Cumberland County border. The Tuscarora Trail runs southwest and is a 250-mile bypass route of the AT that runs through Pennsylvania, Maryland, West Virginia and Virginia.³ The Darlington Trail extends east approximately 8 miles to the Susquehanna River.⁴ A third side route, the Mason Dixon Trail, diverges from the Appalachian Trail near Whiskey Springs Road in South Middleton Township. The 190-mile Mason Dixon Trail runs along the Susquehanna River, dips into Maryland and Delaware finally terminating at Chadd's Ford in Pennsylvania.

State Parks

The Pennsylvania Department of Conservation and Natural Resources, Bureau of State Parks is responsible for operation, maintenance and preservation of the state park system. The primary purpose of state park system is to provide opportunities for enjoying healthful outdoor recreation and to serve as outdoor classrooms for environmental education. Three state parks, covering 2,423 acres, are located in Cumberland County: Colonel Denning, Pine Grove Furnace and King's Gap.⁵

Colonel Denning State Park, located in north central Cumberland County, is in Doubling Gap, so named by the "S" turn where the Blue Mountain doubles back on itself. This feature may be seen from the Doubling Gap Vista in adjacent Tuscarora State Forest. The park includes 273 acres of woodland nestled at the side of a mountain and a 3.5-acre scenic lake. Recreation opportunities include: swimming, fishing, 18 miles of hiking trails, hunting, camping, picnicking, environmental education, cross-country skiing and ice skating. Colonel Denning is also a trailhead for the Tuscarora Trail.

Pine Grove Furnace State Park is located in the heart of Michaux State Forest in southern Cumberland County. The historical character of the park is enhanced by its natural beauty. This park was once the site of the Pine Grove Furnace Iron Works that dates from 1764 and operated over 100 years. Historical buildings include the ironmaster's mansion, a gristmill, an inn and several residences. A self-guided historical trail leads you through the remains of the iron works.

¹ Scherer, Glenn, and Don Hopey (1998). *Exploring the Appalachian Trail*, Stackpole Books: Mechanicsburg, PA.

² Phone interview with Karen Lutz @ Appalachian Trail Conference 9/4/02 4:00 PM 717-258-5771.

³ Keystone Trails Association (2002). *The Tuscarora Trail*. Accessed Feb. 2002 at <http://www.kta-hike.org/tuscaror.htm>.

⁴ Susquehanna Appalachian Trail Club (2003). *Darlington Trail Map*. Accessed Feb. 2003 at <http://www.libertynet.org/susqatc/Darlington.PDF>.

⁵ Pennsylvania Department of Conservation of Natural Resources (2003). *State Parks: Hershey/Gettysburg/Dutch Country Region*. Accessed Jan. 2003 at <http://www.dcnr.state.pa.us/stateparks/parks/herreg.htm>.

This 696-acre park is developed around the 25 acre Laurel Lake and the 1.7-acre Fuller Lake. Recreational opportunities include: family camping, organized group camping, swimming, boating, picnicking, fishing, environmental education, hunting, bicycling, ice skating, ice fishing, cross country skiing, snowmobiling and hiking. In addition, the Appalachian Trail and Cumberland Hiker-Biker Trail pass through the park.

Sitting astride South Mountain on 1,454 acres of forest, Kings Gap Environmental Education and Training Center seeks to fulfill the Pennsylvania Bureau of State Parks' unique opportunity to teach about the natural world and critical environmental issues facing society. Kings Gap offers environmental education programs from the pre-school environmental awareness program to environmental problem solving programs. In addition to educational programming, the park offers sixteen miles of hiking trails that interconnect three main day use areas.

State Forests

Pennsylvania state forests are managed by the Pennsylvania Department of Conservation and Natural Resources, Bureau of Forestry. The purpose of the state forests, by law, is “to provide a continuous supply of timber, lumber, wood, and other forest products; to protect the watersheds, conserve the water and regulate the flow of rivers and streams of the state; and to furnish opportunities for healthful recreation to the public.”⁶ Portions of two state forests are located in Cumberland County, Michaux State Forest and Tuscarora State Forest.

The Michaux State Forest is located in Adams, Cumberland and Franklin counties and includes more than 85,000 acres. Approximately 34,882 acres of the Michaux State Forest is located in Cumberland County. The Michaux is managed for a variety of uses including timber and other wood products. Potable water may be the Michaux's most valuable resource. Numerous local communities depend on its pure water for their municipal water supplies. The Michaux provides ample opportunities for both small game and deer hunting. There are many miles of trout waters and numerous lakes and reservoirs to support warm water fishing. Primitive camping, hiking, horseback riding, bicycling, and snowmobiling are but a few of many recreational pursuits that are available. In addition, 130 miles of state forest roads are maintained for pleasure driving and sightseeing. Picnicking and day-use activities can be enjoyed at the Old Forge State Forest Picnic Area.

Comprised of 91,165 acres, the Tuscarora State Forest is located in Cumberland, Franklin, Huntingdon, Juniata, Mifflin, and Perry counties. Recreational opportunities at the Tuscarora State Forest include: fishing and boating, over 200 miles of hiking trails, hunting, sightseeing, over 100 miles of snowmobile trails, 11 miles of cross country ski trails and picnicking. Approximately 4,988 acres of the Tuscarora State Forest are located in northwest Cumberland County.

⁶ Pennsylvania Department of Conservation and Natural Resources (2003). *Bureau of Forestry*. Accessed Jan. 2003 at <http://www.dcnr.state.pa.us/forestry/index.htm>.

State Game Lands

Of all the state government agencies that oversee outdoor recreation and conservation, the Pennsylvania Game Commission is the one agency charged solely and specifically with, “protecting, conserving and managing the diversity of wild birds and wild mammals and their habitats; provide wildlife-related education, services and recreational opportunities for both consumptive and non-consumptive uses of wildlife, and maintaining and promoting Pennsylvania's hunting and trapping heritage.”⁷ The primary purpose of state game lands is to preserve wildlife habitat and provide for public hunting and fur taking. Additional recreational uses, including the development of hiking trails, are allowed when they are compatible with wildlife values and the agency's management programs. The Pennsylvania Game Commission manages four state game lands (SGL), covering nearly 4,500 acres in Cumberland County. The name, location and acreage of each state game land are provided in Table 13.14.

TABLE 13.14
STATE GAME LANDS
CUMBERLAND COUNTY

Name	Location	Acreage
SGL #169	Upper Mifflin Township	2,499
SGL #170	Hampden Township, Silver Spring Township	333
SGL #230	North Middleton Township	883
SGL #305	South Middleton Township	730
Total		4,445
SOURCE: Pennsylvania Game Commission (2003). <i>State Game Land Maps</i> . Accessed Jan. 2003 at http://sites.state.pa.us/PA_Exec/PGC/SGL/scr.htm#Cumberland .		

Fish & Boat Commission Facilities

The mission of the Pennsylvania Fish & Boat Commission is to provide fishing and boating opportunities through the protection and management of aquatic resources.⁸ In Cumberland County, the Fish & Boat Commission owns nearly 700 acres, which includes Opossum Lake, Children's Lake, Big Spring Fish Culture Station, Huntsdale Fish Culture Station and several boat access points. Opossum Lake is located in Lower Frankford Township. This 59-acre lake, situated on a 215-acre tract, provides fishing and boating opportunities for residents. Children's Lake, located in Boiling Springs, South Middleton Township, provides similar recreation opportunities. Two boat access points are provided for public use: Good Hope Access, Hampden Township, on the Conodoguinet Creek and Camp Hill Access, Lower Allen Township, on the Yellow Breeches Creek.

⁷ Pennsylvania Game Commission (2003). *About the Pennsylvania Game Commission*. Accessed July 2003 at <http://www.pgc.state.pa.us/pgc>.

⁸ Pennsylvania Fish and Boat Commission (2003). *Boating*. Accessed Jan. 2003 at http://sites.state.pa.us/PA_Exec/Fish_Boat/boatinf.htm.

School District Facilities

The nine school districts of Cumberland County provide the community with approximately 800 acres of additional recreational facilities.⁹ Table 13.2, School District Recreation Facilities, displays the facilities available by school district and by school. These recreational facilities include athletic fields, playgrounds and passive recreation areas. In most cases, special arrangements must be made with school officials for the general public to utilize school district facilities. Many of the municipal park and recreation boards coordinate with the school districts to provide recreation programming at school facilities.

County Facilities

Cumberland County owns and oversees two facilities for conservation purposes and recreational use: the Cumberland County Biker-Hiker Trail and the Mount Holly Preserve. The Biker-Hiker Trail is a 5-mile trail designated for non-motorized recreational use only. This rail trail is located in Cooke and Dickinson Townships and extends from Pine Grove Furnace State Park at Fuller Lake to Mountain Creek Campground.

The 913-acre Mount Holly Preserve is an exceptional value wetland area along South Mountain. This unique site, located in the Borough of Mt. Holly Springs, South Middleton and Dickinson Townships, supports marginal populations of three species of special concern; a state endangered animal, a globally rare and state endangered plant and a state rare plant. In March 1992, The Nature Conservancy donated the preserve to Cumberland County as the county's first dedicated open space. The Nature Conservancy continues to manage the core 200-acre wetland and conduct trail maintenance. Hunting, fishing and hiking is permitted on upland portions of the preserve.

Municipal Parks and Recreational Facilities

The municipalities of Cumberland County have demonstrated a strong commitment to providing park and recreation facilities for the community. 70% (23 of 33) of all Cumberland County municipalities have at least one park and/or recreation facility in their municipality. In total, there are 112 municipal parks in the County, which encompass over 1,800 acres of land. Refer to Table 13.15, Municipal Recreation Facilities, for a description of each recreation facility, listed by municipality. Figure 13.2 displays the location of each park.

In addition, Cumberland County municipalities have also shown a strong commitment to providing recreational programming and community activities. 55% (18 of 33) of County municipalities have a park and recreation professional on staff or coordinate with a regional park and recreation organization to administer recreation programs.

⁹ Prepared by Tri-County Regional Planning Commission for the Cumberland County Planning Commission (1990). Harrisburg, PA.

**TABLE 13.15
MUNICIPAL RECREATIONAL FACILITIES
CUMBERLAND COUNTY - 2002**

	Location Number	Baseball Field	Softball Field	Soccer Field	Basketball Court	Tennis Court	Playground	Multipurpose Field	Swimming Pool	Gymnasium	Hiking	Biking	Volleyball Court	Picnicking	Pavilion	Fishing	Golf	Other	Undeveloped	Area (acres)
Camp Hill Borough																				104
Christian L. Seibert Memorial	1	X			X	X	X		X		X	X	X	X	X			X		60
Spring Lake/Beverly Park	2						X							X						2
Willow Park	3													X	X					2
Fiala Field	4	X		X			X				X			X						40
Carlisle Borough																				148
Biddle Mission Park	5				X		X						X	X	X	X				5
Butcher Tot-Lot	6				X		X													1
Cave Hill Nature Center	7										X								X	20
Community Center	8				X		X			X			X					X		--
Goodyear Park	9	X																		5
Herberlig/Palmer Tot-Lot	10	X					X							X	X					2
Community Pool	11				X			X					X	X	X			X		3
Letort Park	12	X	X			X	X				X	X	X	X	X	X				11
Linder Park	13				X		X													2
Memorial Park	14				X		X											X		2
Shaffer Park	15										X							X		30
Spahr Tot-Lot	16						X									X				1
Thornwald	17										X							X		32
Valley Meadow Park	18	X	X	X	X		X						X	X	X					18
Wenger Park	19																		X	1
Seven Gables Park	20										X		X					X		15
Dickinson Township																				20
Barnitz Mill at Stuart Park	21										X	X		X	X	X		X	X	20
East Pennsboro Twp.																				157
Adams-Ricci Community Park	22	X	X		X	X	X				X	X	X	X	X	X		X	X	107
Acri Meadow Park	23	X	X		X		X						X	X	X	X		X		4
Midway Park	24	X			X		X						X	X	X					2
Ridley Park	25	X			X		X				X		X	X	X	X				16
West Fairview Park	26	X			X	X	X				X				X	X		X		24
Oyster Mill Park	27													X		X				1
Susquehanna-Perry Park	28				X		X							X						1
Laurel Hills Tot Lot	29						X							X						2

**TABLE 13.15 (CONT.)
MUNICIPAL RECREATIONAL FACILITIES
CUMBERLAND COUNTY - 2002**

	Location Number	Baseball Field	Softball Field	Soccer Field	Basketball Court	Tennis Court	Playground	Multipurpose Field	Swimming Pool	Gymnasium	Hiking	Biking	Volleyball Court	Picnicking	Pavilion	Fishing	Golf	Other	Undeveloped	Area (acres)
Hampden Township																				226
Armitage Golf Course	30										X	X					X	X		110
Hampden Twp. Park & Pool	31		X	X	X	X	X		X		X	X	X	X	X			X		32
Salem Community Park	32	X												X	X			X		24
Westover Creek Area	33													X						10
Westover Commons	34										X									5
Conodoguinet Youth Park	35										X			X	X	X		X		8
Creekview Recreation Area	36	X	X	X	X	X	X				X	X	X	X	X			X		37
Lemoyne Borough																				35
Negley Park	37	X			X	X	X							X	X					16
Memorial Park	38	X			X	X	X		X	X				X	X					9
Maple Street	39				X	X	X							X	X					3
Ft. Couch	40																			2
Schell Park	41				X		X							X	X					5
Lower Allen Township																				187.2
Allendale Park	42				X		X							X	X					1.2
Creekwood Park	43															X			X	12
Highland Estates Playground	44						X							X	X					.5
Highland Park	45				X	X	X						X	X	X					2
Lower Allen Community Park	46	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		110
Peters Field	47	X			X	X	X							X	X					3
Wass Park	48	X	X		X	X	X						X	X	X					10
Windsor Park	49																		X	1
Yellow Breeches Park	50										X					X			X	14
Sheepford Crossing Park	51				X		X							X	X					1.5
Beacon Hill	52				X	X	X							X	X					3
Yellow Breeches Park	53										X					X			X	14
Bacon Hill Heights	54																			
Tract 1	54a																		X	8
Tract 2	54b										X					X			X	7
Mechanicsburg Borough																				61
Northside Recreation Park	55																		X	3
Koser Park	56	X	X		X		X						X	X	X					10
Memorial Park	57	X	X	X	X	X	X		X				X	X	X					46
Northside Park	58	X	X				X													2

**TABLE 13.15 (CONT.)
MUNICIPAL RECREATIONAL FACILITIES
CUMBERLAND COUNTY - 2002**

	Location Number	Baseball Field	Softball Field	Soccer Field	Basketball Court	Tennis Court	Playground	Multipurpose Field	Swimming Pool	Gymnasium	Hiking	Biking	Volleyball Court	Picnicking	Pavilion	Fishing	Golf	Other	Undeveloped	Area (acres)
Middlesex Township																				128
Middlesex Township Park	60	X	X		X	X	X	X			X		X	X	X			X		127
Anderson Park	61						X													1
Monroe Township																				38
Monroe Township Park	62	X	X	X	X	X	X		X				X	X						30
Leidigh Park	63	X		X									X			X				8
Mt. Holly Springs Borough																				37
Butler Street Park	64	X					X							X	X					11
Easy Street Park	65				X		X							X						1
Trine Park	66		X			X	X				X	X	X	X	X					25
New Cumberland Borough																				33.5
Drexel Hills Park	67						X								X					2
New Cumberland Borough Park	68	X	X				X						X	X	X	X				29
Twelfth Street Ball fields	69	X																		2
Sherwood Park	70				X		X								X					.5
Newville Borough																				2
Newville Playground	71	X	X	X	X	X	X		X				X	X	X					2
Newville Area Community Center	72				X				X				X					X		--
North Middleton Township																				40
Creekview Park	73	X					X				X			X	X	X				10
North Middleton Park	74	X			X		X						X	X	X	X				15
Village Park	75	X					X						X	X	X					15
Shippensburg Borough																				40
Dykeman Road Park	76										X	X		X	X					10
Veterans Memorial Park	77	X	X		X	X	X	X	X		X	X	X	X	X					27
Shippensburg Community Center	78				X		X							X	X					3
Shippensburg Township																				23
Shippensburg Township Community Park	79	X		X	X		X				X	X	X	X	X			X		23
Shiremanstown Borough																				3
Shireman Manor Playground	80						X								X					--
Shiremanstown Municipal Park	81	X			X		X							X	X					--
Silver Spring Township																				193
Paul Walters Memorial Park	82	X			X									X						22
Willow Mill Park	83														X	X			X	18

**TABLE 13.15 (CONT.)
MUNICIPAL RECREATIONAL FACILITIES
CUMBERLAND COUNTY - 2002**

	Location Number	Baseball Field	Softball Field	Soccer Field	Basketball Court	Tennis Court	Playground	Multipurpose Field	Swimming Pool	Gymnasium	Hiking	Biking	Volleyball Court	Picnicking	Pavilion	Fishing	Golf	Other	Undeveloped	Area (acres)
Silver Spring Twp. (Cont.)																				
Pleasant View Park	84		X		X	X	X				X		X	X	X					12
Potteiger Tract	85	X																		7
Fry Tract	86			X							X									14
Stony Ridge Park	87		X	X															X	103
Bunker Hills	88																		X	2
White Birch Farms	89																		X	15
Southampton Township																				40
Southampton Township	90		X				X				X			X	X				X	40
South Middleton Township																				154.33
South Middleton Township Park	91	X	X	X	X	X	X						X	X	X	X				40
Holly Woodcrafters Ball fields	92	X																		6
Iron Furnace Park	93										X				X	X				10
Spring Meadows Park	94	X						X			X			X	X				X	90
Indian Hills Park	95	X																		8.33
Upper Allen Township																				116.32
Fisher Park	96	X		X	X	X	X				X			X	X				X	20
Country Estates	97			X			X				X			X	X					2
Mt. Allen Park	98	X					X				X			X	X					3
Grantham Park	99						X				X			X	X	X		X		4
Rose garden	100				X		X				X			X	X					2
Center Square	101				X		X				X			X	X					25
Miller Crest	102	X			X		X				X			X	X					15
Spring Run	103				X		X				X			X						3
Market Street	104	X																		3
Friendship Park	105			X			X													19.72
Simpson	106						X							X	X	X				19.6
West Pennsboro Township																				16
West Pennsboro Township Park	107	X	X	X	X	X	X						X		X					16
Wormleysburg Borough																				24
Leighton Nature Preserve	108																		X	2
Memorial Park	109	X			X	X	X							X	X					5
Municipal Playground	110				X		X							X						1
Riverfront Park	111										X			X		X		X		5
Rupley Park	112				X		X				X			X	X	X				11
County Total Recreation Acreage																				1824.85

SOURCE: Tri-County Regional Planning Commission (1996) *Municipal Recreation Facilities Survey*.
Ibid (2002) *Municipal Recreation Facilities Survey Update*.

Three regional recreation organizations exist in the County: Mechanicsburg Area Recreation Department, Shippensburg Area Recreation & Park Commission and West Shore Recreation Commission. The Mechanicsburg Area Recreation Department includes: Mechanicsburg Borough, Shiremanstown Borough, Upper Allen Township and the Mechanicsburg Area School District. The Shippensburg Area Recreation and Park Commission is formed by Shippensburg Borough, Southampton Township (Franklin & Cumberland), Hopewell Township and Shippensburg Area School District. Lastly, the West Shore Recreation Commission provides municipal recreation services to the residents of Fairview, Lower Allen and Newberry Townships and to Goldsboro, Lemoyne, Lewisberry and New Cumberland Boroughs with cooperation from the West Shore School District.

Greenways and Open Space

Open space is land or water that is predominantly undeveloped and permanently reserved for public or private enjoyment. This can be stream valleys, ridge tops, lakes, woodlands, parks, agriculture land and more.¹⁰ Open space serves many purposes. It provides recreation areas for a wide range of activities such as baseball, skiing, picnicking, soccer, wildlife observation, hiking, and biking. Open space conserves biodiversity and natural resources. Natural areas provide habitat for plants and animals and help purify our air and recharge water by removing pollutants that originate in developed areas. Open space also preserves historic landscapes, scenic quality, community character, and agricultural land.

Open space often enhances economic value. Property values, though dependent on a variety of factors, do generally rise when located close to clean water, attractive landscapes, recreational areas and parks. Businesses are attracted to areas that provide a high quality of life. This generally means convenient access to natural settings and recreational and cultural opportunities. With the increasing popularity of recreational pursuits, whether natural or cultural, open space areas benefit travel and tourism businesses. By conserving open space and discouraging sprawl development, local agencies can minimize the cost of public services such as water, sewer, trash collection and roads.

A greenway is a corridor of open space. Greenways vary greatly in scale, from narrow ribbons of green that run through urban, suburban and rural areas to wider corridors that incorporate diverse natural, cultural and scenic features. They can incorporate both public and private property and can be land or water based. They may follow old railways, canals, or ridge tops, or they may follow stream corridors, shorelines or wetlands, and include water trails for non-motorized craft. Some greenways are recreational corridors or scenic byways that may accommodate motorized and non-motorized vehicles. Other greenways function almost exclusively for environmental protection and are not designed for human passage. Greenways differ in their location and function, but overall they contribute significantly to our quality of life, and increasingly are seen as a focal point for community design and land use strategies.

¹⁰ Prepared by RETTEW Associates, YSM and Toole Recreation Planning for the Cumberland County Planning Commission (2000). *Cumberland Countywide Greenway Study*.

Pennsylvania State Greenways Program

In 2001, former Governor Tom Ridge approved *Pennsylvania Greenways: An Action Plan for Creating Connections*.¹¹ The Plan is designed to provide a coordinated and strategic approach to creating connections through the establishment of greenways in the Keystone State. The vision for the Pennsylvania Greenways Program states,

Pennsylvania and its many partners will develop an outstanding network of greenways across the Commonwealth, creating an asset highly valued by Pennsylvanians and enhancing the quality of life for all. This network of greenways will connect Pennsylvania's open space, natural landscape features, scenic, cultural, historic and recreational sites, and urban and rural communities. Greenways will become one of the Commonwealth's most powerful tools to achieve sustainable growth and livable communities.¹²

Pennsylvania's greenways network will ultimately take the form of "hubs and spokes." The "hubs" of this network will be parks, forests, game lands, lakes and other destination areas, including our towns.¹³ The "spokes" of the network will be greenways--connecting our natural areas and recreational and cultural destinations with the places where we live. The landscape connections that will result throughout Pennsylvania will create a "green infrastructure" of open space vital to the health of Pennsylvania's ecological systems and human communities.

The Pennsylvania Statewide Greenway Plan outlines several goals that engage local municipalities to action:

- By 2007: All 67 counties complete and adopt Greenway Plans.
- By 2007: A greenways demonstration project selected and underway in every county.
- By 2010: Establish local greenways in 1000 communities.
- By 2020: Establish a local greenway in every community.¹⁴

Regional Greenway Initiatives

Greenways generally follow natural geographic features such as ridgelines, stream valleys, and rivers and often cross jurisdictions and municipal boundaries. In order to effectively develop and implement regional greenway projects inter-municipal cooperation is essential. Numerous multi-municipal greenway initiatives are currently under development in the region. Each of these projects impact Cumberland County and benefit the County in a myriad of ways.

The *Cumberland Countywide Greenway Study* was conducted to explore how the County could preserve and enhance greenways through a combination of public and private efforts. Completed

¹¹ This plan is commonly referred to as the Pennsylvania State Greenway Plan.

¹² Pennsylvania Greenways Partnership Commission and Greenways Partnership Advisory Committee (2001). *Pennsylvania's Greenways – An Action Plan for Creating Connections*.

¹³ Ibid.

¹⁴ Ibid.

in 2000, the study identified eight multi-municipal greenways and outlined six implementation strategies.¹⁵ The study also demonstrated the need to examine the broader issue of preservation of open space and natural resources. A more extensive discussion of the Greenway Study and further efforts to protect open space will be addressed in Chapter 14, Community Facilities Plan.

The *Cumberland Valley Trail* is approximately 11 miles long and is currently under development by the Cumberland Valley Rails-to-Trails Council (CVRTC).¹⁶ A multi-use trail following the abandoned Cumberland Valley Railroad is being constructed for walking, jogging, biking, horseback riding and other non-motorized users. CVRTC is an “all-volunteer, non-profit, charitable corporation dedicated to conservation, historic preservation, recreation and alternative transportation in the Cumberland Valley through development of multi-use trails along formed railroad corridors and other areas.”

The *Blue Mountain - Kittatinny Ridge Project* is a collaborative effort of local, regional, and state organizations and agencies to focus public attention of the importance of the Kittatinny Ridge for wildlife and people. The Ridge has value for its scenic beauty, critical wildlife and plant habitat, recreation opportunities and water supplies. The Project is being coordinated by Audubon Pennsylvania will help communities and landowners become good stewards of the Ridge for future generations. The goals of the project are to develop a long-term vision for the Kittatinny Ridge as a significant existing greenway through an open, public-input process and; to develop a comprehensive guide to help empower citizens, local governments, landowners, and civic groups to implement the vision at the local level.¹⁷

The Susquehanna Greenway Partnership is a public-private network advocating development of a *Susquehanna Greenway Plan* along 500 miles of the river corridor in 22 Pennsylvania counties. The Susquehanna Greenway Partnership seeks to:

- Determine the status of regional greenway efforts;
- Build upon public participation activities previously conducted;
- Promote the importance of strong community involvement;
- Provide a diverse and inclusive program to maximize input; and
- Promote local ownership of the greenway plan and implementation¹⁸

The Partnership has developed a three-phased approach to development of the Susquehanna Greenway Plan. The first phase of work was focused on partnership and planning organization, team building, public-private fundraising, database development and mapping, public opinion research, and the development of regional consensus on Greenway vision and values. The second phase of planning activities includes market research, conceptual design development for the Greenway, a GIS database, interactive web mapping, and action strategies related to Greenway development, implementation, and management. This phase of Greenway planning

¹⁵ Prepared by RETTEW Associates, YSM and Toole Recreation Planning for the Cumberland County Planning Commission (2000). *Cumberland Countywide Greenway Study*.

¹⁶ Cumberland Valley Rails-to-Trails Council (2003). *Cumberland Valley Rails-to-Trails Council*. Accessed March 2003 at <http://cvrtc.org>.

¹⁷ Audubon PA (2002). *Kittatinny Ridge Project*. Accessed Dec. 2002 at <http://pa.audubon.org/krhome.html>.

¹⁸ Susquehanna Greenway Partnership (2003). *Susquehanna Greenway Plan*. Accessed Dec. 2002 at <http://www.susquehannagreenway.org/>.

addresses an array of objectives and will establish a foundation for Greenway advocacy, political action, and public policy needed to establish the Greenway and fund the development of regional demonstration projects. The third and final phase of planning will result in the formal pronouncement of the Greenway and the establishment of a permanent entity to spearhead Greenway development in years to come. The Plan is expected to be completed in 2004.

Two water trail projects have been initiated on the Susquehanna River in this region. Over 100 continuous miles of the river have been mapped for boating and recreational purposes. The Alliance for the Chesapeake Bay and the Susquehanna River Association are developing the *Susquehanna River Water Trail - Middle Section PA* map and guide for 51-mile stretch of the River extending from Sunbury to Harrisburg.¹⁹ The Lancaster County Planning Commission, on behalf of the Lancaster-York Heritage Region, has developed the *Susquehanna River Water Trail - Lower Section PA* map and guide. The project extends 52 miles along the lower Susquehanna River, from City Island in Harrisburg to the Pennsylvania/Maryland border.²⁰

Audubon Pennsylvania is coordinating the development of the *Susquehanna Birding and Wildlife Trail* as the first project of the Pennsylvania Birding and Wildlife Trails program. The vision of the PA Birding and Wildlife Trails program is to provide quality wildlife viewing experiences by developing a statewide network of premiere birding and wildlife trails.²¹ The Susquehanna Wildlife and Birding Trail will lead visitors from the heart of the mountains and plateaus of Pennsylvania's northern tier nearly to tidewater at the Maryland border as it traverses forests, farms, wetlands and meadows. Two major flyways, the Susquehanna River and the Kittatinny/Blue Ridge, afford travelers some spectacular opportunities to observe migratory birds during both the spring and fall seasons, and important breeding sites are found in a number of locations throughout the drainage. While the Susquehanna Valley lies at the core of the new trail, some sites and loops may lead visitors a short way out of the Susquehanna drainage to enjoy a particularly important site. The trail guide is expected to be complete in 2004.

The *Pittsburgh-to-Harrisburg Mainline Canal Greenway*²² traces the historic path of the Pennsylvania Mainline Canal System in a two-mile wide swath along the Allegheny, Kiski-Conemaugh, Juniata and Susquehanna Rivers and through many communities between Pittsburgh and Harrisburg.²³ This project is a network of individual initiatives managed by local partners throughout the corridor. The network includes not only trails, but public river access areas, historic downtown revitalization and other projects. This project is being managed by the non-profit Allegheny Ridge Corporation.

¹⁹ Susquehanna River Trail Association (2003). *Trail Info*. Accessed May 2003 at <http://www.susquehannarivertrail.org>.

²⁰ Lancaster-York Heritage Regional (2003). *Susquehanna River Water Trail*. Accessed Mar. 2003 at http://www.susquehannaheritage.net/water_trail_map_and_guide.htm.

²¹ Audubon PA (2002). *Susquehanna Birding and Wildlife Trail*. Accessed Dec. 2002 at <http://pa.audubon.org/front.html>.

²² The Pittsburgh-to-Harrisburg Mainline Canal Greenway is also known as Pennsylvania's Millennium Legacy Trail.

²³ Allegheny Ridge Corporation (2002). *Pennsylvania's Millennium Legacy Trail: The Pittsburgh-Harrisburg Mainline Canal Greenway*. Accessed Dec. 2002 at <http://www.alleghenyridge.org/projects/greenway/greenIntro.htm>.

Emergency Services

Police protection, fire and emergency medical services (EMS) are provided by many local municipalities. Within the boundaries of Cumberland County there are sixty-nine (69) emergency service providers. Emergency response is coordinated through the Cumberland County Office of Emergency Preparedness in Carlisle, and can be reached through the 911 emergency response number.

Police Protection

Fifteen (15) of the thirty-three (33) municipalities have individual police departments (Table 13.16). In addition, two (2) municipalities participate in a regional police organization; the boroughs of Lemoyne and Wormleysburg comprise the West Shore Regional Police Department. The 18 departments shown in Table 13.16 employ a total of 272 officers and 42 community service officers. 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

According to the Cumberland County Office of Emergency Preparedness, all municipalities are provided fire service either from their own municipal department or through mutual aid agreements with neighboring communities (Table 13.17). A total of thirty-nine (39) municipal fire companies are located throughout the County. In addition, non-municipal fire companies are located at the Navy Inventory Control Point in Hamden Township, State Correctional Institution (S.C.I.C) in Lower Allen, and the Carlisle Barracks in the borough of Carlisle and North Middleton Township.

Emergency Medical Services

County residents are provided ambulance and emergency medical services by twelve (12) emergency medical service (EMS) providers (Table 13.18). These EMS providers serve the entire County either through direct services or by way of mutual aid agreements with adjacent communities. The Life Lion's two helicopters, stationed at the Milton S. Hershey Medical Center, are available when needed.

**TABLE 13.16
POLICE DEPARTMENTS
CUMBERLAND COUNTY - 2002**

Department Name	Address / Phone	Officers	Community Service Officers
Camp Hill Borough Police	2145 Walnut St. Camp Hill, PA 17011 717-737-1570	11	
Carlisle Borough Police	53 West South Street Carlisle, PA 17013 717-243-5252	33	
Cumberland County Sheriff's Department	One Courthouse Sq. Carlisle, PA 17013 717-240-6390	34	
East Pennsboro Twp. Police	98 S. Enola Dr. Enola, PA 17025 717-732-3633	18	3
Hampden Twp. Police	230 South Sporting Hill Rd. Mechanicsburg, PA 17055 717-761-2609	19	
West Shore Regional Police	301 Market St. Lemoyne, PA 17043 717-737-8734	14	2
Lower Allen Twp. Police	1993 Hummel Ave. Lemoyne, PA 17043 717-766-3994	19	24
Mechanicsburg Boro. Police	102 West Allen St. Mechanicsburg, PA 17055 717-691-3300	16	
Middlesex Twp. Police	350 N. Middlesex Rd., Suite #3 Carlisle, PA 17013 717-249-7191	16	1
Mt. Holly Springs Boro. Police	200 Harman St. Mt. Holly Springs, PA 17065 717-486-7615	5	
New Cumberland Boro. Police	1120 Market St. New Cumberland, PA 17070 717-774-0400	7	
Newville Boro. Police	4 West St. Newville, PA 17241 717-243-7910	6	8
North Middleton Twp. Police	2051 Spring Rd. Carlisle, PA 17013 717-243-7910	10	
Shippensburg Boro. Police	60 West Burd St. Shippensburg, PA 17013 717-532-8878	16	4
Shippensburg University Police	Reed Operations Center Shippensburg, PA 17257 717-477-1444	17	
Shiremanstown Boro Police	1 Park Lane Shiremanstown, PA 17011 717-737-4356	6	
Silver Spring Twp. Police	6475 Carlisle Pike Mechanicsburg, PA 17055 717-766-0178	11	
Upper Allen	100 Gettysburg Pike Mechanicsburg, PA 17055 717-766-0756	14	
SOURCE: Cumberland County Office of Emergency Preparedness (2002)			

**TABLE 13.17
FIRE DEPARTMENTS, CUMBERLAND COUNTY - 2002**

Camp Hill	
Camp Hill Fire Department PO Box 633, 2198 Walnut St. Camp Hill, 17011	
Carlisle	
Carlisle Barracks Fire Company Carlisle Barracks, Bldg. 400 Carlisle, PA 17013	Cumberland-Goodwill Fire & Rescue 102 West Ridge Street Carlisle, PA 17013
Empire Hook & Ladder Company 177 Spring Rd. Carlisle, PA 17013	Friendship Fire Company 177 Spring Rd. Carlisle, PA 17013
Union Fire Company 35 W. Louthier St. Carlisle, PA 17013	
East Pennsboro	
Citizens Fire Company #1 230 N. Enola Dr. Enola, PA 17025	Creekside Fire Company 13 E. Dulles Dr. Camp Hill 17011
Midway Fire Company 17 E. Manor Ave. Enola, PA 17025	Summerdale Fire Company 202 Third St., Box 89 Summerdale, PA 17093
West Enola Fire Company 118 Chester Rd. Enola, PA 17025	Goodwill Fire Company #1 400 Third St. West Fairview, PA 17025
Hampden	
Hampden Twp. Volunteer Fire Company 295 S. Sporting Hill Rd. Mechanicsburg, 17055	Navy Inventory Control Point Fire Division Code 894, Box 2020 Mechanicsburg, PA 17055
Lower Allen	
Lisburn Community Fire Company 1800 Main St.-R. #3 – Lisburn Mechanicsburg, PA 17050	Lower Allen Fire Company 1993 Hummel Ave. Camp Hill, PA 17011
S.C.I.C Fire Department PO Box 633, 2500 Lisburn Rd. Camp Hill, PA 17011-8837	Goodwill Fire Company 400 Third St. West Fairview, PA 17025
Mt. Holly Springs	
Citizens Fire Company No. 1 100 Chestnut St. Mt. Holly Springs, PA 17065	
Mechanicsburg	
Citizens Fire & Rescue Company #2 208 South York St. Mechanicsburg, PA 17055	Washington Fire Company 53 E. Main St. Mechanicsburg, PA 17055
Middlesex	
Shermansdale Fire Company 5450 Spring Rd. Shermansdale, PA 17090	
Monroe	
Monroe Fire Company PO Box 1058-1225 Pepper Rd. Mechanicsburg, PA 17055	
New Cumberland	
New Cumberland Fire Department 319 Fourth St. New Cumberland, PA 17070	New Cumberland River Rescue PO Box 445 New Cumberland, PA 17070

**TABLE 13.17 (CONT.)
CUMBERLAND COUNTY FIRE DEPARTMENTS , CUMBERLAND COUNTY - 2002**

Newburg / Hopewell	
Newburg-Hopewell Volunteer Fire Company PO Box 5, 106 N. High St. Newburg, PA 17240	
Newville	
Friendship Hose Company 15 East Big Spring Ave. Newville, PA 17241	
North Middleton	
North Middleton Twp. Volunteer Fire Company 310 North Middleton Rd. Carlisle, PA 17013	
Penn Township	
Penn Twp. Volunteer Fire Department 1750 Pine Rd. Newville, PA 17241	
Shippensburg	
Cumberland Valley Hose Company 56 West King St. Shippensburg, PA 17257	Vigilant Hose Company 129 East King Street Shippensburg, PA 17257
West End Fire & Rescue 49 Lurgan Ave. Shippensburg, PA 17257	
Shiremanstown	
Shiremanstown Fire Company 3 West Main St. Shiremanstown, PA 17011	
Silver Spring	
New Kingstown Fire Company PO Box 427, 277 Locust Point Rd. New Kingstown, PA 17072	Silver Spring Fire Company 6471 Carlisle Pike Mechanicsburg, PA 17050
South Middleton	
South Middleton Twp. Fire Company PO Box 93, 405 Forge Rd. Boiling Springs, PA 17007	
South Newton	
South Newton Twp. Volunteer Fire Company PO Box 49, 16 Firehouse Rd. Walnut Bottom, PA 17266	
Upper Allen	
Upper Allen Twp. Fire Company 104 Gettysburg Pike Mechanicsburg, PA 17055	
Upper Frankford	
Upper Frankford Twp. Fire Company 4080 Enola Rd. Newville, PA 17241	
West Pennsboro	
West Pennsboro Volunteer Fire Company 200 Park Rd. Plainfield, PA	
West Shore Bureau of Fire	
Wormleysburg Fire Company #1 18 Market St. Wormleysburg, PA 17043	Citizens Fire Company 326 Herman Ave. Lemoyne, PA 17043
SOURCE: Cumberland County Office of Emergency Preparedness (2002)	

**TABLE 13.18
EMERGENCY MEDICAL SERVICE COMPANIES
CUMBERLAND COUNTY - 2002**

Camp Hill Ambulance Association Box 633, 22 nd & Walnut Sts. Camp Hill, PA 17011	Cumberland Goodwill Fire Rescue Carlisle Community Ambulance 102 West Ridge St. Carlisle, PA 17013
Hampden Twp. Ambulance 230 South Sporting Hill Rd. Mechanicsburg, PA 17055	Lower Allen Ambulance Association 1193 Hummel Ave. Camp Hill, PA 17011
New Cumberland Ambulance Association 319 Fourth St. New Cumberland, PA 17070	Silver Spring Ambulance PO Box 177 New Kingstown, PA 17072
East Pennsboro Ambulance Service PO Box 47, 93 S. Enola Drive Enola, PA 17025	Yellow Breeches Ambulance 233 Mill St. Mt. Holly Springs, PA 17065
Cumberland Valley EMS PO Box 69 Shippensburg, PA 17257	Metropolitan Medical 102 Market St. New Cumberland, PA 17070
Newville Community Ambulance Friendship Hose Company #1 15 E. Big Spring Ave. Newville, PA 17241	West Shore Advanced Life Support Inc. 503 N. 21 st St. Camp Hill, PA 17011
SOURCE: Eric Hoerner, Operation Coordinator Cumberland County Office of Emergency Preparedness (2002)	

Public Sewerage Facilities

All or portions of twenty-six (26) municipalities in Cumberland County are serviced by public sewers, illustrated in Figure 13.3 delineating the Community Service Areas. The sewage collected in these municipalities is treated in one of seventeen (17) public sewage treatment facilities located throughout the County. Table 13.19, Inventory of Municipal Wastewater Treatment Facilities, describes the permitted capacities, the 2002 average daily flows, the number of facilities/households served, treatment type, receiving stream, planned upgrades and/or alterations, whether the facility receives septage, and the municipalities served by the facility. All of the facilities are within their permitted capacities.

The seventeen (17) public sewage treatment facilities serve approximately 66,110 facilities/households and an estimated 159,325 County residents, based on average household size from the 2000 Census. Several institutions are also serviced by these facilities including the State Correctional Institution at White Hill (Lower Allen Township), Navy Inventory Control Point (Hampden Township), and Carlisle Barracks (Carlisle Borough, North Middleton Township). The wastewater collected by the Monroe Township Sewer Authority is conveyed to the Mechanicsburg and Dillsburg treatment plants. The Cumberland Franklin Joint Municipal Authority, located near Shippensburg, conveys its wastewater to Shippensburg's facility for treatment.

The remaining seven (7) municipalities utilize private on lot sewage disposal systems exclusively. These municipalities without public treatment facilities include Cooke, Lower Frankford, Lower Mifflin, Penn, South Newton, Upper Frankford, and Upper Mifflin townships.

**TABLE 13.19
INVENTORY OF MUNICIPAL WASTEWATER TREATMENT FACILITIES
CUMBERLAND COUNTY - 2002**

Wastewater Treatment Facility	Mail Address	2002 Permitted Capacity (mgd)	2002 Avg. Daily Flow (mgd)	Number of Facilities/ Households Served	Treatment Type	Receiving Stream	Planned Upgrades and/or Alterations	Receives Septage	Municipalities Served
Carlisle Region	53 West South Street Carlisle, PA17013 243-4222	7.0	2.67	6,500	Tertiary	Conodoguinet Creek	None	No	Carlisle, North Middleton, Middlesex, South Middleton
Carlisle Suburban Authority	240 Clearwater Drive Carlisle, PA 17013 717-243-8269	1.4	.755	2,336	Tertiary	Conodoguinet Creek	Western Portion of Township	Yes	Carlisle, North Middleton
Hampden Twp-Pinebrook	574 Lamp Post Lane Camp Hill, PA 17011 717-761-0119	1.76	1.23	8,300	Secondary	Conodoguinet Creek	None	No	Hampden, East Pennsboro
Hampden Twp-Roth Lane	4200 Roth Lane Mechanicsburg, PA 17055 717-761-0119	4.65	1.76	Included in Pinebrook	Secondary	Conodoguinet Creek	On Going	No	Hampden East Pennsboro
East Pennsboro Township	98 S. Enola Drive Enola, PA 17065 717-732-0711	4.4	1.9	6,277	Secondary	Conodoguinet Creek	Install extensions in new subdivisions	No	East Pennsboro, Wormleysburg, Hampden
Lemoyne Borough	Lowther St Lemoyne, PA 17043 717-763-7575	2.088	1.5	14,238	Secondary	Susquehanna River	None	Yes	Lemoyne, Camp Hill., Wormleysburg
Lower Allen Township	1993 Hummel Ave. Camp Hill, PA 17011 717-774-0610	6.25	3.04	5,500	Secondary	Susquehanna River	Authority Upgrade	No	Lower Allen, Upper Allen, Hampden, Shiremanstown
Mechanicsburg	842W. Church Street Mechanicsburg, PA 17055 717-691-3320	2.08	0.9	5,000	Secondary	Conodoguinet Creek	N/A	No	Mechanicsburg, Silver Spring, Hampden, Upper Allen, Monroe
Middlesex Township Municipal Authority	350 N. Middlesex Road Carlisle, PA 17013 717-243-0674	1.596	.555	667	N/A	N/A	None	No	Middlesex, Silver Spring

**TABLE 13.19 (CONT.)
INVENTORY OF MUNICIPAL WASTEWATER TREATMENT FACILITIES
CUMBERLAND COUNTY - 2002**

Wastewater Treatment Facility	Mail Address	2002 Permitted Capacity (mgd)	2002 Avg. Daily Flow (mgd)	Number of Facilities/ Households Served	Treatment Type	Receiving Stream	Planned Upgrades and/or Alterations	Receives Septage	Municipalities Served
Mount Holly Springs Borough	200 Harman Street Mt. Holly, PA 17065 717-486-7613	0.6	0.541	907	Secondary	Mountain Creek	None	No	Mount Holly Springs, South Middleton
Newburg Boro/Hopewell Twp.	259 Middlesex Drive Newville, PA 17241 717-776-6305	.350	.262	850	Secondary	Newburg Run Creek	None	No	Newburg, Hopewell
New Cumberland Borough	1120 Market Street P.O Box 220 New Cumberland, PA 17070 717-774-7826	1.25	.600	3,126	Secondary	Conodoguinet Creek	None	No	New Cumberland
Newville Borough	4 West Street Newville, PA 17241 717-776-5633	.350	.158	850	Secondary	Big Spring Creek	None	No	Newville, North Newton, West Pennsboro
Shippensburg Borough	60 West Burd Street Shippensburg, PA 17257 717-532-2147	2.75	2.9	2,602	Secondary	Middle Spring Creek	None	Yes	Shippensburg Boro, Southampton, Shippensburg Twp.
Silver Spring Township	6475 Carlisle Pike Mechanicsburg, PA 17055 717-591-1370	.600	.185	848	Secondary	Conodoguinet Creek	None	Yes	Silver Spring
South Middleton Twp. Sewer/Water Authority	345 Criswell Drive Boiling Spring, PA 17007 717-258-64-76	4.302	2.197	3,109	Tertiary	Yellow Breeches Creek	None	No	South Middleton, Dickinson, Carlisle, Monroe
Upper Allen Township-Grantham	100Gettysburg Pike Mechanicsburg, PA 17055 717-766-0756	1.1	0.457	5,000	Secondary	Yellow Breeches Creek	None	Yes (U. Allen only)	Upper Allen

SOURCE: County Planning Commission Municipal Survey - 2002

Public and Community Water Systems

Community water services are provided throughout the County by thirty-six community water systems. These systems are owned by various entities including authorities, investors, water associations, and municipal governments. Of these water systems twenty (20) small systems service mobile home parks (Table 13.20). These are self-contained and allow for minimal expansions to surrounding areas. A total of 3,151 residents, or approximately 1.5% of the County's population, are served by these facilities.

The larger municipal/community systems are described in Table 13.21, Public and Community Water Systems, and their service areas are shown in Figure 13.3 as part of the delineation of Community Service Areas. As indicated on the table, public and community water systems, not exclusively serving mobile home parks, provide water to approximately 61,330 households/facilities. This equates to approximately 147,805 persons, based on average household size from the 2000 Census, or about 69% of the residents of Cumberland County. Almost 73% of the County's population is serviced by a water system, either through a mobile home park or other community system.

Penn American Water Company West (31,079 households served) is the largest water company in Cumberland County. Other large water providers are: United Water Mechanicsburg (9,524 households), Carlisle Region Water Pollution Center Facility (6,614 households), and Shippensburg Borough Water Authority (4,276 households). There are also private water systems including: Navy Inventory Control Point (6,631 persons served),²⁴ State Correctional Institution (3,100 persons served), U.S. Army Garrison (2,600 persons served),²⁵ that are not included in Table 13.21. 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 U.S. Army Garrison (Carlisle Barracks and Army War College) is well water.

²⁴Prepared by U.S. Army Corps of Engineers for the Cumberland County Planning Commission. (2000) *Small System Regionalization Study, Cumberland County, Pennsylvania*.

²⁵PA. Department of Environmental Protection, Public Water System and Source Data. Accessed on 25 July, 2003 at <http://www.drinkingwater.state.pa.us>.

TABLE 13.20
MOBILE HOME PARK WATER SYSTEMS
CUMBERLAND COUNTY - 2000

SYSTEM NAME	MAIL STREET	MAIL CITY	POPULATION SERVED	PRIMARY SOURCE	OWNER TYPE
Betty Nelson Mobile Home Park	16 Betty Nelson Ct. Lot 8	Carlisle	250	Ground	Investor
Big Spring Terrace Mobile Home Park	7048 Carlisle Pike	Carlisle	388	Ground	Investor
Bollinger's Mobile Home Park	388 McAllister Church Rd	Carlisle	30	Ground	Investor
Bonnybrook Mobile Home Park	177 Centerville Rd	Newville	75	Ground	Investor
Burkholder's Mobile Home Park	570 Shed Rd	Newville	195	Ground	Investor
Cekovich Mobile Home Park	12 Miller's Gap Rd	Enola	100	Ground	Investor
Conodoguinet Mobile Estates	P.O. Box 175 R.D.4	Newville	270	Ground	Investor
Cooper's Mobile Home Park	1400 Newville Rd	Carlisle	26	Ground	Investor
Country View Estates	P.O Box 175 R.D.4	Newville	60	Ground	Investor
Harmony Estates Mobile Home Park	P.O. Box 62	Lemoyne	45	Ground	Investor
Hillside Mobile Home Park	338 McAllister Church Rd	Carlisle	54	Ground	Investor
Hodges Mobile Home Park	25 Longview Dr.	Mechanicsburg	100	Ground	Investor
Mountain View Trailer Park	15 S. Hanover St, Molly Pitcher Hotel	Carlisle	30	Ground	Investor
Mt View Terrace Mobile Home Park	250 Beetem Hollow Rd	Newville	179	Ground	Investor
Regency Woods Mobile Home Park	7099 Carlisle Pike	Carlisle	440	Ground	Investor
Rolo Court Mobile Home Park	4775 N Sherman St. Extended Box 1	Mount Wolf	300	Ground	Investor
Sigman's Mobile Home Park	50 Bonneybrook Rd	Carlisle	89	Ground	Investor
Southampton Manor Mobile Home Park	414 E. Old York Rd	Carlisle	125	Ground	Investor
View Mountain Mobile Home Park	122 Woods Drive	Mechanicsburg	90	Ground	Investor
Williams Grove Mobile Home Park	1300 W. Lisburn Rd	Mechanicsburg	305	Ground	Investor

SOURCE: Pa. Dept. of Environmental Protection, Public Water System and Source Data, 2000. Accessed on 25 July, 2003 at <http://www.drinkingwater.state.pa.us>

**TABLE 13.21
PUBLIC AND COMMUNITY WATER SYSTEMS
CUMBERLAND COUNTY - 2002**

System Name	Mail Address	2002 Permitted Capacity (mgd)	2002 Average Daily Flow (mgd)	Municipalities Served	Planned Upgrades and/or Alterations	Households/ Facilities Served	Primary Source	Owner Type
Carlisle Region Water Pollution Center Facility	53 West South Street Carlisle, PA 17013 717-2413-4422	6.0	3.20	Carlisle, North Middleton, Middlesex	None	6,614	Surface	Authority
Carlisle Suburban Authority	240 Clearwater Dr. Carlisle, PA 17013 717-243-8269	1.15	.588	Carlisle, North Middleton	Water Source Expansion 2 to 5 Years	2,633	Surface	Authority
Huckleberry Land Water Assoc. Inc	P.O. Box 413 Shippensburg, PA 17257 717-532-9326	.097	.05	South Newton, Southampton	None	191	Ground	Water Assoc.
Middlesex Twp. Municipal Authority	350 N. Middlesex Road Carlisle, PA 17013 717-243-0674	1.5	.535	Middlesex	None	999	(Purchased from South Middleton) Ground	Authority
Mt. Holly Springs Borough Authority	200 Harman Street Mt. Holly Springs, PA 17065 717-486-7613	.72	.256	Mt. Holly Springs, South Middleton	N/A	1,016	Ground	Authority
Newville Borough Water & Sewer (Cool Spring Water Filtration Plant)	259 Middlesex Drive Newville, PA 17241 717-776-6305	.40	.33	Newville, North Newton, West Pennsboro	None	897	Ground	Authority
Penn American Water Co. West	Giant Store 852 Wesley Dr. Mechanicsburg, Pa 17055 717-766-3255	15.72	8.1	East Pennsboro, Camp Hill, Lemoyne, L. Allen, U. Allen, New Cumberland, Shiremanstown, Wormleysburg	N/A	31,079	Surface	Other

**TABLE 13.21 (CONT.)
PUBLIC AND COMMUNITY WATER SYSTEMS
CUMBERLAND COUNTY - 2002**

System Name	Mail Address	2002 Permitted Capacity (mgd)	2002 Average Daily Flow (mgd)	Municipalities Served	Planned Upgrades and/or Alterations	Households Served	Primary Source	Owner Type
Shippensburg Borough Authority	111 N. Fayette St. P.O. Box 129 Shippensburg, PA 17257 717-532-2147	4.1	2.3	Shippensburg Boro, Shippensburg Twp, Southampton	N/A	4,276	Surface	Municipality
Southern Cumberland Water Association	15 Lees Lane Shippensburg, PA 17257 717-530-0703	.064	.02	Southampton	N/A	115	Ground	Water Assoc.
South Middleton Township Municipal Authority	345 Criswell Drive Boiling Spring, PA 17007 717-258-64-76	4.302	2.197	South Middleton, Dickinson, Carlisle, Middlesex	None	3,109	Ground	Authority
United Water (Mechanicsburg)	4211 E. Park Circle Box 4151 Harrisburg, PA 1 717-766-4218	3.714	2.844	Silver Spring , Hampden, Monroe, Mechanicsburg	None	9,524	Surface	Investor
United Water (Grantham)	8189 Adam Dr Hummelstown, PA 17036 717-561-1103	.36	.23	Upper Allen	None	602	Ground	Investor
Pennsylvania Suburban Water Company	1369 Swope Dr. Boiling Springs, PA 17007 717-258-6481	.122	.083	White Rock Development	Improve Subdivisions Gradually	274	Ground	Investor

Source: Cumberland County Planning Commission Water Systems Survey, 2002. Pa. Dept. of Environmental Protection, Public Water Systems-Service Areas and Source Data, 2000. Accessed on 25 July, 2003 at <http://drinkingwater.sate.pa.us>.

Small Water Systems

Two studies were completed by the U.S. Army Corps of Engineers, which identified and evaluated a range of alternatives to meet present and future water supply needs in Cumberland County.²⁶ The first study, completed in February 1997, was the Shippensburg Area Regionalization Study, which evaluated small systems in western Cumberland County and part of Franklin County. The second study reviewed the rest of the small systems in Cumberland County and was completed in 2000.

The goal of the studies is to help small systems optimize their operations while meeting or exceeding the requirements of the Safe Drinking Water Act. The Act defines a small water system as one serving 3,300 people or less.

The following systems were reviewed in the Shippensburg Area Regionalization Study:

Huckleberry Land and Water Association
Lenwood Mobile Home Park*
Letterkenny Army Depot*
Mt. Rock Homes Mobile Park*
Orrstown Borough Authority*

Pleasant Hall Manor Mobile Home Park*
Shippensburg Water Authority
Southern Cumberland Water Association
Southampton Manor Mobile Home Park
Wadel's Mobile Home Park*

* Located in Franklin County

The following systems were reviewed in the Cumberland County Regionalization Study:

Betty Nelson's Mobile Home Park
Big Spring Terrace Mobile Home Park
Bonnybrook Mobile Home Park
Carlisle Barracks
Conodoguinet Mobile Estates
Coopers Mobile Home Park
Country View Estates Mobile Home Park
Hillside Mobile Home Park
Middlesex Twp. Municipal Authority
Mt. Holly Springs Borough Authority

Mountain View Trailer Park
Mountain View Terrace Mobile Home Park
Naval Inventory Control Point
Newville Borough Water Authority
Regency Woods North Mobile Home Parks
Sigman's Mobile Home Park
State Correctional Institution
View Mountain Mobile Home Park
White Rock Water Corporation
Williams Grove Mobile Home Park

Major conclusions of the studies noted that surface water may be influencing small system groundwater supplies. All systems, particularly the older mobile home parks, should meet the current guidelines of Pennsylvania's "Public Water Supply Manual". The studies also note that although regionalization of certain systems may be the most efficient method of service, in most cases small systems do not have the financial means to regionalize via interconnection. The studies provide specific recommendations for each water system and list state programs to assist small systems in upgrades or regionalization projects.

²⁶ Prepared by U.S. Army Corps of Engineers for the Cumberland County Planning Commission. (1997) *Shippensburg Area Regionalization Study For Cumberland County, Pennsylvania*. (2000) *Small Systems Regionalization Study, Cumberland County, Pennsylvania*.

Waste Management Services

The Municipal Waste Planning, Recycling, and Waste Reduction Act, Act 101, delegates to counties the power and duty to prepare and implement plans for the processing and disposal of municipal waste generated in the County. The responsibility and authority for the collection and transportation of municipal waste and of source-separated recyclables is delegated to local municipalities. To implement the plans, the Act accords to counties the authority to adopt ordinances and regulations that direct the flow of waste to designated processing and disposal sites. The Act specifically allows counties to delegate their power and duty for municipal waste planning and implementation to another body, such as a municipal authority.

Cumberland County has delegated the responsibility to the Solid Waste Authority of Cumberland County (Authority) to develop and revise as necessary the County's Municipal Waste Management Plan (Plan) and other waste management initiatives. The County also found a Department of Solid Waste Management to implement the Plan.

Act 101 calls for Pennsylvania counties to develop comprehensive, integrated waste management plans. That is, a solid waste plan should propose the optimal complementary use of a variety of management technologies, including waste reduction, recycling, waste processing, landfill, and waste-to-energy.

Cumberland County adopted a Municipal Waste Management Plan developed by the Authority in accordance with Act 101 regulations. Reviews are done periodically to ensure that the contents meet the current and future waste management needs of the county.

Description of Waste

According to quantities reported by PADEP-permitted processing and disposal facilities, Cumberland County residents and businesses disposed of 219,908 tons of municipal solid waste, including construction and demolition waste in 2000. This figure represents a 5.6lb per day per person disposal rate. It is also estimated that 51,010 tons of material was recycled in Cumberland County during the same period. Using the 2000 census, total waste generation for the county has been calculated as 1.029 tons per person per year. This generation rate includes source-separated recyclable materials and construction and demolition waste, and excludes sewage sludge, septage and infectious and chemotherapeutic waste.

Existing Waste-Management System

Waste collection and hauling in Cumberland County is handled exclusively by private hauling firms in all municipalities except Shippensburg Borough, which provides their own municipal waste collection. Overall, eighteen (18) municipalities representing approximately 80% of the population have established municipal recycling programs that offer curbside trash collection and recycling. Shippensburg Borough provides its own recycling services; the remaining 17

municipalities utilize a privately contracted waste hauling company for these services. The remaining fifteen (15) municipalities, or approximately 20% of the population, have no formal waste collection program. Residents are responsible for finding a waste collector to provide waste collection services. Trash and recycling services provided, materials collected, and costs vary from community to community and are market driven.

In 1997, the Solid Waste Authority of Cumberland County revised the County Waste Management Plan to identify waste disposal capacity for 10 years and encourage competition. Waste haulers may choose any designated waste disposal facility and negotiate the best price. The Authority entered into contracts with 15 disposal facilities. These contracts guarantee waste disposal capacity and the maximum disposal fee that can be charged for Cumberland County generated waste. Contracts for waste disposal capacity are in effect until May 2007. Designated disposal facilities are listed in Table 13.22 below.

**TABLE 13.22
DISPOSAL FACILITIES
CUMBERLAND COUNTY - 2003**

BFI-Conestoga Landfill PO Box 128 Morgantown, PA 19543	Commonwealth Environmental Systems, L.P. 99 Commonwealth Road Hegins, PA 17938
Dauphin Meadows, Inc. PO Box 68, Route 209 Millersburg, PA 17061	Greenridge Reclamation Landfill RD 1, Box 716 Scottsdale, PA 15683
Harrisburg Materials Energy & Recycling Recovery Facility 1670 South 19 th St. Harrisburg, PA 17104	IESI Blue Ridge Landfill PO Box 39 Scotland, PA 17254
Laurel Highlands Landfill 196 Wagner Rd. Vitondale, PA 15961	Modern Landfill & Recycling RD 9, Box 317, Mt. Pisgah Rd. York, PA 17042
Mountainview Sanitary Landfill 13300 New Georges Creed Rd. Frostburg, MD 21562	Mountain View Reclamation 9760 Letzburg Rd. Greencastle, PA 17225
Phoenix Resources, Inc. RR 1, Box 12A Wellsboro, PA 16901	Pine Grove Landfill, Inc. RD 4, Box 447 Pine Grove, PA 17963
Shade Landfill, Inc. 1176 No. 1 Rd. Cairnbrook, PA 15934	Southern Alleghenies Disposal Services, Inc. 843 Miller Picking Rd. Davidsville, PA 15928
York County Resource Recovery Center 270 Blackbridge Rd York, PA 17402	Keystone Sanitary Landfill 400 Mill Street Dunmore, PA 18512
ONYX Lancaster, LLC Milton Grove Constriction & Demolition Landfill & Tire Processing Site 2487 Cloverleaf Road Elizabethtown, PA 17022	Waste Systems International, Inc. Community Refuse Service, Inc. Cumberland County Landfill 620 Newville Road Newburg, PA 17240
Waste Systems International, Inc. Mostoller Landfill, Inc SR 31 Somerset, PA 15501	Waste Systems International, Inc. Sandy Run Landfill, Inc. Route 915, Township Road Hopewell, PA 17240
SOURCE: Cumberland County Solid Waste Authority (2003)	

Municipal waste haulers operating in Cumberland County either haul collected waste to any of the designated disposal facilities or utilize any of the three transfer stations located in the region. The Authority entered into agreements with these facilities to accept Cumberland County generated waste. The facilities are: Diller Transfer Station, in Hampden Township, The Harrisburg Materials, Energy, Recycling and Recovery Facility Transfer Station in Harrisburg, and the Waste Management of Central Pennsylvania Transfer Station in Hampden Township. The Waste Management facility currently only receives waste from Waste Management Inc. waste collection trucks. Transfer stations transport Cumberland County generated waste to any of the fifteen designated facilities.

The Cumberland County Landfill, owned and operated by North East Waste Services, Inc., is the only municipal waste landfill located in Cumberland County.

There are seventeen publicly owned wastewater treatment plants in Cumberland County. The majority of these facilities dispose of some or all of their sludge by land application. Lemoyne Borough, New Cumberland Borough, South Middleton Township and Silver Spring Township facilities do not land apply sludge.

Recycling

The recycling strategy for Cumberland County consists of a mix of municipal and county led programs and activities. Cumberland County has 12 municipalities required under Act 101 to implement curbside recycling programs. The municipalities are: Carlisle Borough, Camp Hill Borough, East Pennsboro Township, Hampden Township, Lower Allen Township, Mechanicsburg Borough, New Cumberland Borough, North Middleton Township, Shippensburg Borough, Silver Spring Township, South Middleton Township, and Upper Allen Township. Voluntary curbside recycling programs in the County include Lemoyne Borough, Middlesex Township, Monroe Township, Mt. Holly Springs Borough, Shiremanstown Borough, and Wormleysburg Borough.

The Department of Solid Waste provides financial support and assistance to two volunteer drop-off recycling operations in the western part of the county.

The Authority has developed several programs to provide disposal of hard to dispose of items, enhance recycling and encourage source waste reduction and beneficial use. Programs include the Household Hazardous Waste Drop-Off events, Backyard Composting, Computer and Electronics Recycling Drop-Off, and Tire and Appliance drop-off program. The latter is an attempt to help reduce illegal dumping.

The Authority and County operates a yard waste equipment program to enhance the processing of collected leaves and yard waste, improve product quality and encourage beneficial material use by the municipality and its citizens. The County provides and maintains yard waste processing equipment through agreements with participating municipalities.

The Authority offers guidance and provides assistance to municipalities, business, and institutional establishments in waste management matters. Additionally, the Authority provides

educational programs, literature, and assistance to municipalities, school districts, and civic groups. These programs and incentives can be used directly throughout the County or adapted to particular municipal needs. It is estimated that current recycling efforts divert approximately 25 percent of the County's waste stream from landfills.

Administration

Overall responsibility for developing and revising the County Municipal Waste Management Plan is the responsibility of the Solid Waste Authority of Cumberland County. The County Solid Waste Department carries out the day-to-day activities of the solid waste system.

The County has placed an administrative system fee on each ton of municipal solid waste generated in Cumberland County. The system fee is collected by each of the contracted disposal facilities. All Authority actions, Department operations, overhead costs, Plan implementation and initiatives, and capital equipment are funded directly by the administrative system fee.

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. The Pennsylvania Department of Environmental Protection (DEP) serves as the review agency for stormwater plans developed by the county.

The Cumberland County Commissioners have designated the Cumberland County Planning Commission as the agency responsible for development and coordination of Act 167 stormwater plans. When a plan is complete and approved by DEP, the management standards within a plan are the responsibility of the municipalities to implement. As of 2003, Cumberland County has adopted stormwater management plans for three watersheds – Hogestown/Trindle Spring Run, Cedar Run, and Upper Yellow Breeches Creek.

Another initiative in stormwater management is the National Pollution Discharge Elimination Systems (NPDES) Phase II requirement for 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: public education, public participation, construction site runoff management, post construction runoff management, illicit discharges, and runoff management at municipal operations. In Cumberland County, these requirements impact all or portions of the municipalities located east of Mechanicsburg Borough. DEP has linked these two sets of regulations, Act 167 and NPDES Phase II, to allow municipalities to meet the NPDES Phase II regulations through Act 167 planning.

Utilities

The primary utility companies servicing the County are listed below in Table 13.23

TABLE 13.23 UTILITY COMPANIES CUMBERLAND COUNTY - 2002	
Electric	
Pennsylvania Power and Light Company 2 North Ninth St. Allentown, PA 18101	Met-Ed, First Energy Company PO Box 16001 2800 Pottsville Pike Reading, PA 19612-6001
Pennsylvania Electric Company PO Box 16001 2800 Pottsville Pike Reading, PA 19640	Adams Electric Cooperative, Inc. 1338 Biglerville Rd. Gettysburg, PA 17325
Natural Gas	
UGI Utilities, Inc. Green Hill Corp. Center 100 Kachel Blvd. Suite 400 Reading, PA 19607	South Penn Gas Company 55 South Third Street Oxford, PA 19363
Telephone	
AT&T Communications of Pa., Inc. 200 North 3 rd Street, 13 th Floor Harrisburg, PA 17101	Verizon 1717 Arch Street, 17 th Floor Philadelphia, PA 19103
MCI Telecommunications Corp. 780 Johnson Ferry Rd., Suite 700 Atlanta, GA 30342	Sprint 6860 West 115 th St. Overland Park, KS 66211
SOURCE: Pennsylvania Public Utility Commission, 2002	