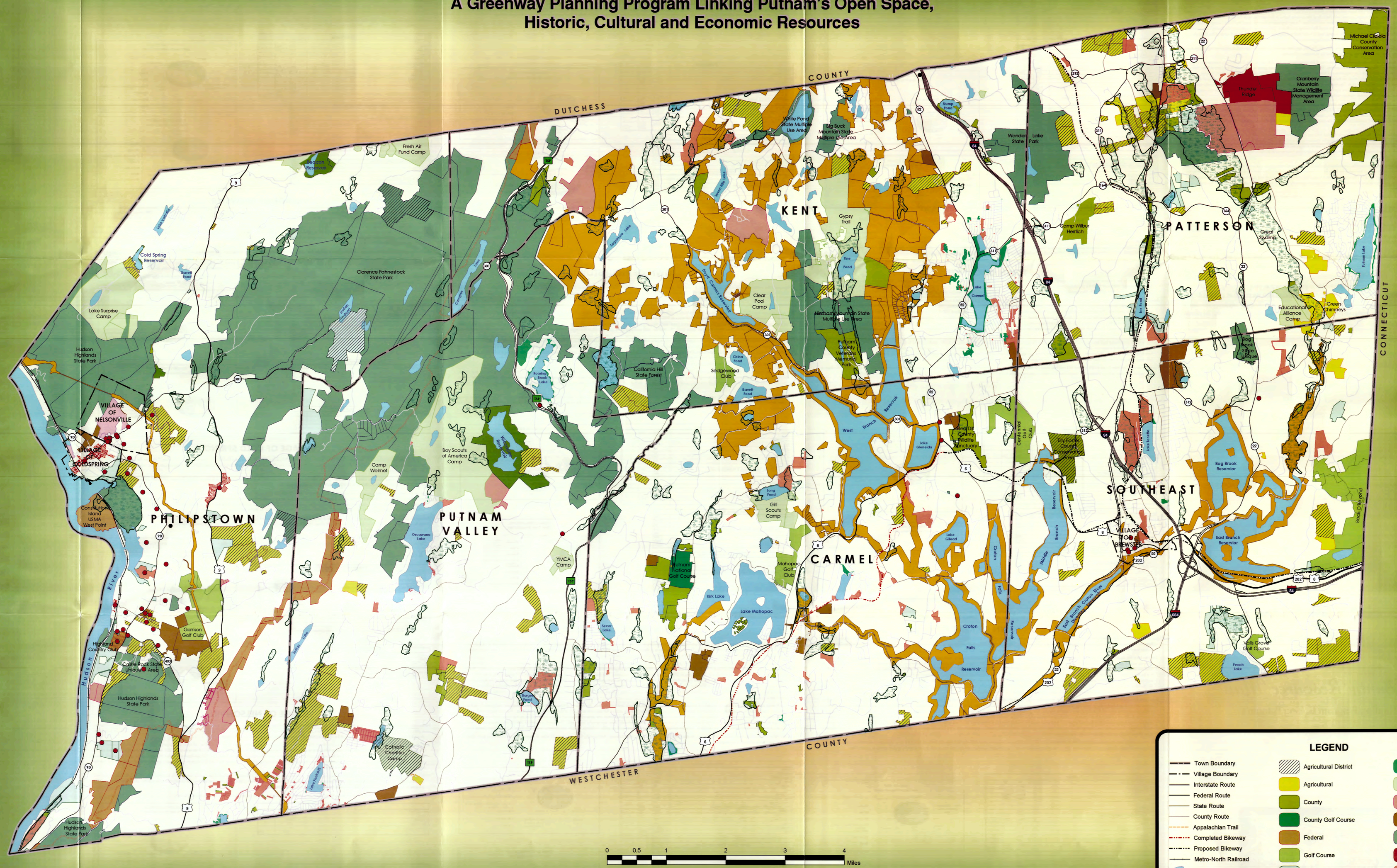
Putnam County Pathways Resource Map

A Greenway Planning Program Linking Putnam's Open Space, Historic, Cultural and Economic Resources



LEGEND

- Town Boundary
- Village Boundary
- Interstate Route
- Federal Route
- State Route
- County Route
- Appalachian Trail
- Completed Bikeway
- Proposed Bikeway
- Metro-North Railroad
- Waterbodies
- New York State Wetlands
- National Register Historic Sites
- State Historic Sites
- Agricultural District
- Agricultural
- County
- County Golf Course
- Federal
- Golf Course
- Land Trust
- NYC Water Supply
- National Register Historic District
- Park District
- Private Camp
- Religious
- School Campus
- State Properties
- Private Outdoor Recreation
- Town
- Village
- Water Supply

Prepared by the Putnam County Department of Planning, Development and Public Transportation, in collaboration wiith the Hudson River Valley Greenway
December 2005.

Putnam County

PUTNAM COUNTY

Putnam County is located in the Mid-Hudson Region of New York State. The County is approximately 50 miles north of New York City and is on the outer ring of the city's metropolitan area. Putnam is bordered on the west by the Hudson River, on the north by Dutchess County, on the east by the State of Connecticut, and on the south by Westchester County. Six towns and three small villages comprise Putnam County. These municipalities include the villages of Cold Spring, Nelsonville, and Brewster and the towns of Carmel, Kent, Patterson, Southeast, Putnam Valley, and Philipstown.

Approximately three-quarters of the county lies within the New York City watershed which includes the Croton System and the Catskill/Delaware System. Only the town of Philipstown and the villages of Cold Spring and Nelsonville are completely outside the watershed. Of the municipalities within the watershed four are almost entirely or entirely within the watershed: Patterson, 100%; Southeast, 99%; Carmel, 91%; and Kent, 84%, and Brewster 100%. The town of Putnam Valley has 9% of its land within the watershed. In addition to the NYC watershed, Putnam County contains an estimated 90% of the City of Peekskill's watershed. An estimated 70% of this watershed lies in Putnam Valley with the balance in Kent. Also, the City of Beacon has a reservoir located in the northern part of Philipstown. In addition to watershed lands and water bodies, a NYC aqueduct runs through Philipstown, Nelsonville, and Putnam Valley carrying water from the Catskill/Delaware System to New York City.

Besides the watershed areas, the most significant natural features of the County include the Hudson Highlands and the Great Swamp. The Hudson Highlands extends from the northern Housatonic Valley of Connecticut, across Putnam County, and into New Jersey and Pennsylvania. More then nine-tenths of Putnam's land area is part of the Hudson Highlands. The U.S. Forest Service has conducted a considerable amount of regional planning work in the Highlands as the Highlands are recognized as extremely significant for high value forest land and farmland, drinking water resources, recreational opportunities, wildlife habitats and historical and cultural sites.

The Great Swamp is the most significant wetland in the county of which there are many that have been delineated by the state and local municipal governments. The 4200 acre wetland, as delineated by the NYS Department of Environmental Conservation (DEC) lies in Dutchess and Putnam Counties, with the bulk of the acreage found in Putnam County in the town of Patterson. The Great Swamp has received special recognition as an ecological treasure by many levels of government. The Putnam and Dutchess County Legislatures have declared the Great Swamp a Critical Environmental Area; NYS DEC has characterized the Swamp as a Class I wetland; the NYS Open Space Plan has listed the Swamp as a Priority Conservation Project; and the Swamp was nominated in 1982 as a National Landmark by the U.S. Department of Interior. Cooperative efforts to protect the Swamp and its watershed are ongoing, with leadership from Friends of the Great Swamp in partnership with Putnam and Dutchess counties and a variety of federal and State agencies and environmental organizations.

Total acreage for wetlands delineated by the DEC, which are wetlands of 12.4 acres in size, was 8,509 acres. Recently, the DEC has been updating wetland maps and as of this writing, an estimated additional 4980 acres may be added. As noted above, there are many other smaller wetland areas protected by municipal ordinances.

From the data obtained in this study, open space land resources consume about 58,438 acres or 40% of the total area of the county which is 147,840 acres. The 58,438 acres is comprised of public and privately owned open space resources. Of this acreage, 44,374 acres or 76% are held by public entities. The single largest owner of open space in the county is the State of New York with 22,246 acres or 38% of the land. The next largest owner of open space is the New York City Department of Environmental Conservation (NYCDEP) who owns 25% or 14,624 acres. Various other private entities also own 14,064 acres or about 24% of open space resource lands. Much of the open space land resources can be found stretching across the northern part of Putnam County with significance blocks of land found in the towns of Philipstown, Putnam Valley and Kent. The remaining share of most open space resource lands are shared almost equally among the remaining towns. Relatively small amounts of open space lands are found in the villages, but they are significant considering the total size of the villages. Of note is the fact that most large blocks of publicly held lands are found in the northern part of the county in the towns of Philipstown, Putnam Valley, and Kent.

From a land use pattern and land coverage prospective, Putnam County is a suburban community of New York City. Census 2000 placed the county's population at 95,745. This population is a 14.1% increase over the 1990 population of 83,941 and represented the highest percentage change in the Mid-Hudson Valley. A 2004 population estimate places the county's population at 100,570. With three-quarters of the county lying within the New York City watershed and with other restricting topography of the Hudson Highlands in the western and northwestern parts of the county, it is no surprise that roughly 80% or about 76,000 people of the county's total population reside in the part of the county containing the NYC watershed. Overall, the population density of the county is about 435 people per square mile.

A general review of land use patterns in the county helps to further profile the county. The last countywide detailed land use analysis was completed in 1993. This study, conducted by the Putnam County Department of Planning, Development and Public Transportation in conjunction with Cornell Laboratory for Environmental Applications of Remote Sensing (CLEARS), updated a study done in 1968. As part of the study, data from 1968 and 1991 were compared. Generally, the county as a whole experienced a large reduction in agricultural land use, undeveloped land, and forested land. Residential use increased significantly and commercial land use increased moderately. Although no detailed analysis has been done at a county level since 1993, it is expected that such an analysis would yield similar results. The suburbanization of Putnam County continues to occur.

Despite the historical trend in development, the most dominant land uses in the county continue to be forested land, wetlands, undeveloped vacant land, and water bodies. Residential land use would be the next largest land use. Generally speaking, residential land use occurs throughout the county on large lot subdivisions or in rural areas. Residential uses are typically represented by single-family detached homes. More concentrated areas of residential development occur in t the county's three villages, lake communities, and several condominium complexes. Forested land, wetlands, vacant land and water bodies are found throughout the county, but large blocks of forested and vacant land are generally found in the west and northwest portions of the county, while major lakes and reservoirs are found in the eastern portion of the county.

Commercial/industrial uses are found in and around the villages and along State Routes 6, 9, 22, and 52. Commercial uses are also found at the intersections of Interstate 84 and Route 312 and Interstate 84 and Ludingtonville Road.

Institutional uses are scattered throughout the county and include the hospital, government buildings, non-profit affiliated facilities, and schools. Significant blocks of land occupied by institutional uses are found in the towns of Philipstown, Patterson, Kent, Putnam Valley and Carmel.

Also of significance in Putnam's environmental setting are historic properties and historic features that contribute to out identity and link Putnam with its past. Forty-five buildings in Putnam County are listed on the National and NYS Registers of Historic Places; many others are eligible for listing. In addition, three historic districts, all in the Town of Philipstown, have been recognized at the State and national levels for the contribution their buildings make to the historic fabric of the nation and region. Important historic landscape features, such as stone walls and stone chambers, as well as historic tree specimens, also contribute to Putnam's environment. The Putnam County Historic Preservation Advisory Commission is working to preserve these important features wherever possible throughout the county.

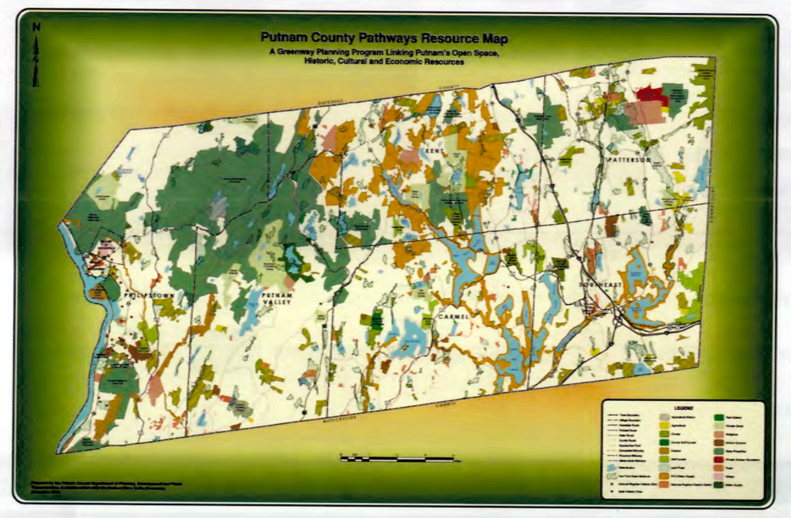
Prepared by: Putnam County Department of Planning, Development and Public Transportation, in collaboration with the Hudson River Valley Greenway, December 2005

The map is based on official tax map records and was reviewed by local municipalities, State agencies, New York City Department of Environmental Protection, local land trusts and other appropriate parties.

Putnam County Resource Map

A Greenway Planning Program Linking Putnam's

Open Space, Historic Cultural and Economic Resources.

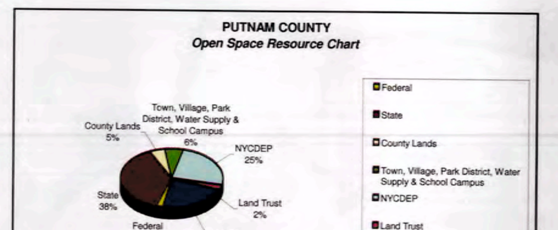


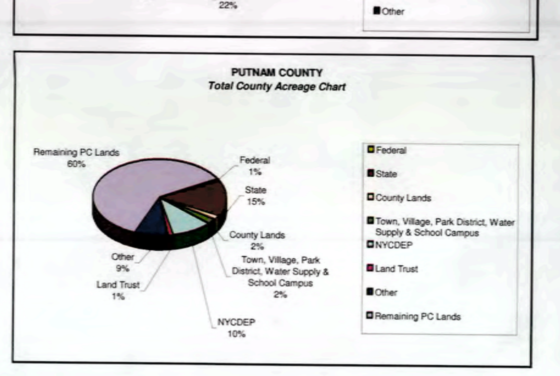
Category Calculated In Acres	County	Carmel	Kent	Patterson	Philipstown	Putnam Valley	Southeast	V. of Brewster	V. of Cold Spring	V. of Nelsonville	
Federal	1115	0	55	0	785	275	0	0	0	0	
State DEC	3554	28	2208	787	215	213	103	0	0	0	
State OPRHP	18692	124	1842	584	10275	5649	0	0	0	218	
County	2726	569	505	1296	29	86	237	0	4	0	
Town	1399	292	223	170	165	218	320	11	0	0	
Village	126	0	0	0	0	0	0	0	10	116	
Park District	567	26	311	32	16	176	6	0	0	0	
NYCDEP	14624	4777	5700	0	190	777	3119	39	0	22	
Land Trust	1435	19	17	285	702	132	217	0	61	2	
Private Camps	4384	192	1212	171	871	1935	3	0	0	0	
Water Supply	665	0	0	0	145	520	0	0	0	0	
School Campus	771	185	58	35	198	75	171	9	30	10	
Private Outdoor Rec	330	0	0	330	0	0	0	0	0	0	
Religious	1451	0	435	651	275	90	0	0	0	0	
Agricultural	4832	202	493	1151	1019	1011	956	0	0	0	
Golf Course	1632	292	92	0	326	0	922	0	0	0	
County Golf Course	135	135	0	0	0	0	0	0	0	0	
	58438	6841	13151	5492	15211	11157	6054	59	105	368	58438
Ag District	5201	202	493	785	1621	1092	1008	0	0	0	
Category Calculated In Miles	County	Carmel	Kent	Patterson	Philipstown	Putnam Valley	Southeast				
Appalachian Trail	19	0	3	0	9	7	0				
Completed Bikeway	8	8	0	0	0	0	0				
Proposed Bikeway	18	2	0	6	0	0	10				

PUTNAM COUNTY		
Federal	1115	1115
State DEC	3554	
State OPRHP	18692	
State	22246	22246
County Golf Course	135	
County	2726	
County Lands	2861	2861
Town	1399	
Village	126	
Park District	567	
Water Supply	665	
School Campus	771	
Town, Village, Park District, Water Supply & School Campus	3528	3528
NYCDEP	14624	14624
Land Trust	1435	1435
Private Camps	4384	
Private Outdoor Rec	330	
Religious	1451	
Agricultural	4832	
Golf Course	1632	
Other	12629	12629
	58438	58438

Open Space Resource Chart	
Federal	1115
State	22246
County Lands	2861
Town, Village, Park District, Water Supply & School Campus	3528
NYCDEP	14624
Land Trust	1435
Other	12629
Total County Open Space	*58438*

Total County Acreage Chart	
Federal	1115
State	22246
County Lands	2861
Town, Village, Park District, Water Supply & School Campus	3528
NYCDEP	14624
Land Trust	1435
Other	12629
Remaining PC Lands	89402
Total County Acreage	*147840*





TOWN OF CARMEL

Carmel is located in the southern central part of the county and contains approximately 36 square miles. The town had a Census 2000 population of 33,006 and a 2004 population estimate of 34,704. Between 1980 and 2000 the population increased by 14.5%. The town's population density is about 964 people per square mile with population concentrations in the Mahopac and Carmel hamlet areas, Mahopac Falls area and the Lake Secor community in the central, northeast and central western parts of town respectively.

Based on the data obtained from this study, open space resource lands consume about 6,841 acres or 30% of the total area of the town which is 23,040 acres. The 6,841 acres are comprised of public and privately owned open space resource land. Of this amount 6,136 acres or 90% are held by public entities. The largest land owner is the NYCDEP with 4,777 acres or 70% of the open space resource land. The second largest land owners are various other private entities with 705 acres or about 10% of the open space resource land. The county is the third largest owner of open space resource land in the town with about 704 acres or about 10% of the land. The open space resource lands are scattered about the town with some concentration in the northeast parts of town. Most of this area contains NYCDEP lands and reservoirs of both the Croton and Catskill/Delaware water supply systems. Of significance is the fact that the Putnam County Bikeway is within the town. It runs both through some of the most populated and scenic parts of town from its origin at the Westchester County Northern Trailway at Baldwin Place to the Southeast town line. The town also contains the only county public golf course, Putnam National Golf Club. Additionally, the town has three properties on the National Register of Historic Places.

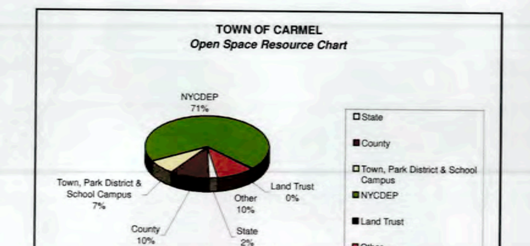
From a land use pattern and land coverage perspective, Carmel, over the years has become increasingly residential. Typically, residential land uses are located in large lot single-family home subdivisions with the noted exceptions of the hamlets, Mahopac Falls area and the Lake Secor community. Commercial land use is essentially composed of small retail operations concentrated along State Routes 6 and 52 and in the hamlets. Other developed land uses such as public government facilities, schools and private institutions are also generally found in the hamlet areas and Mahopac Falls area. Despite a considerable amount of development, the largest land use category in the town is still forest and wetlands/water bodies.

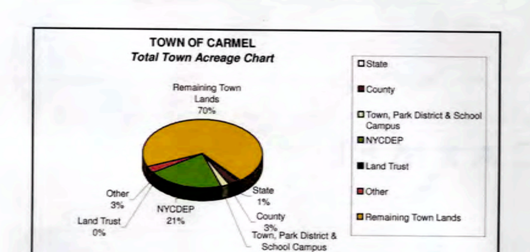
Carmel is serviced by State Routes 6, 6N, 52 and 301 and has about 32 miles of county roads in addition to local streets. The preferred mode of travel is the automobile. The street system is reflective of a typical suburban setting. Putnam and Westchester County bus systems provide limited service on major highways and the closest Metro North rail station is Croton Falls.

Carmel		
State DEC	28	
State OPRHP	124	
State	152	152
County Golf Course	135	
County	569	
County	704	704
Town	292	
Park District	26	
School Campus	185	
Town, Park District & School Campus	503	503
NYCDEP	4777	4777
Land Trust	19	19
Private Camps	192	
Agricultural	202	
Golf Course	292	
Other	686	686
	6841	6841

Open Space Resource Chart	
State	152
County	704
Town, Park District & School Campus	503
NYCDEP	4777
Land Trust	19
Other	686
Total Open Space Acreage	*6841*

Total Town Acreage Chart	
State	152
County	704
Town, Park District & School Campus	503
NYCDEP	4777
Land Trust	19
Other	686
Remaining Town Lands	16199
Total Town Acreage	*23040*





TOWN OF KENT

Kent is located in the north central part of the county and comprises approximately 41 square miles. The town had a Census 2000 population of 14,009 and a 2004 population estimate of 14,470. Between 1980 and 2000 the population increased 6.3%. The town's population density is about 353 people per square mile with a large population concentration found in the Lake Carmel community in the southeast part of the town.

The data from this study found that 13,151 acres or 50% of the total area of Kent, which is 26,240 acres, consists of open space resource lands. The 13,151 acres are comprised of public and privately owned open space resource land. Of this amount, 10,903 acres or 83% are held by public entities. The New York City Department of Environmental Conservation is the single largest land owner with 5700 acres or 43% of the open space land resources. The state is the second largest land owner with 4,050 acres or 31% of the open space land. Various other private entities are the third largest owner with 2,249 acres or 17% of the open space resource land. The open space land resources virtually consume central and western Kent. Most of this area contains lands and reservoirs of the NYCDEP's Catskill/Delaware water supply system as well as State lands. The town also has the Putnam County Veterans Memorial Park, the Appalachian Trail, and the Chuang Yen Buddhist Monastery, which is the largest Buddhist monastery in the eastern United States and the home of the largest indoor statue of Buddha in Europe and the Americas. Additionally, the town contains a State Historic Site and one National Register Historic Site (part of the Taconic State Parkway).

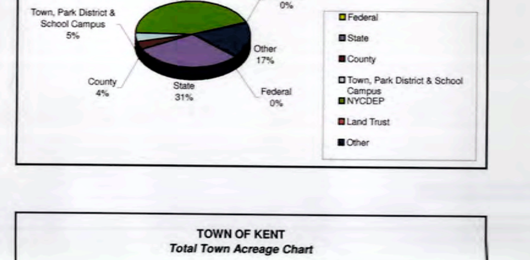
From a land use pattern and land coverage perspective, Kent contains many forested areas as well as lakes, reservoirs and streams, a number of which provide excellent outdoor recreational opportunities, such as fishing, hiking, camping, and hunting. The scenic beauty of much of the landscape, as well as the outdoor recreational opportunities and rural character of the town, might well be perceived as some of its best and most important assets. The predominant developed land use in Kent is the single-family housing unit typically found throughout the town on large lots. There are clusters of residential development in denser concentrations around Lake Carmel, Seven Hills Lake, South Lake, and Sagamore Lake. Commercial land use is essentially small retail operations concentrated along State Routes 52 and 311 and small areas on Towners Road and State Route 301. Industrial and office uses exist along Route 52/311/Interstate 84/Ludingtonville Road triangle. Community land uses are found around town and consist of institutional facilities. Approximately 76% of Kent's land is undeveloped and is found mostly in the western part of town where there is an abundance of steep slopes and wetlands.

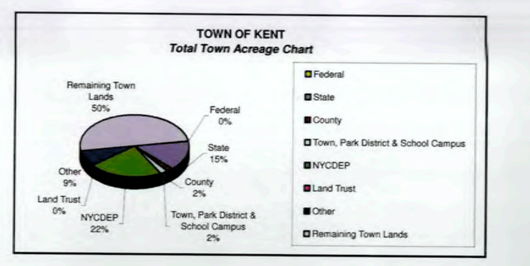
Kent is serviced by major highways including I-84, State Routes 311, 301, and 52, and the Taconic State Parkway. Additionally, there are about 18 miles of county roads and numerous town roads. The preferred mode of travel is the automobile. The street system is reflective of a typical rural/suburban setting. The county bus system provides limited service to eastern Kent.

Kent		
Federal	55	55
State DEC	2208	
State OPRHP	1842	
State	4050	4050
County	505	505
Town	223	
Park District	311	
School Campus	58	
Town, Park District & School Campus	592	592
NYCDEP	5700	5700
Land Trust	17	17
Private Camps	1212	
Religious	435	
Agricultural	493	
Golf Course	92	
Other	2232	2232
	13151	13151

Open Space Resource Chart	
Federal	55
State	4050
County	505
Town, Park District & School Campus	592
NYCDEP	5700
Land Trust	17
Other	2232
Total Open Space Acreage	*13151*

Total Town Acreage Chart	
Federal	55
State	4050
County	505
Town, Park District & School Campus	592
NYCDEP	5700
Land Trust	17
Other	2232
Remaining Town Lands	13089
Total Town Acreage	*26240*





TOWN OF PATTERSON

Patterson is located in the northeast corner of the county and comprises approximately 32 square miles. The town had a Census 2000 population of 11,306 and a 2004 population estimate of 11,911. Between 1980 and 2000 the population increased 30.3%. The town's population is about 372 people per square mile with population concentrations in the hamlet of Patterson and Putnam Lake in the north central and southeastern part of town.

Based on this study, open space resource lands consume about 5,492 acres or 27% of the total area of the town, which is 20,480 acres. The 5,492 acres are comprised of public and privately owned open space resource lands. Of this amount, 2,904 acres or about 53% are held by public entities. Various private entities are the largest open space resource land owners with 2588 acres or about 47% of the open space resource land. The second largest owner of open space resource lands in Patterson is the State of New York with 1371 acres or 25% of the total. The County is the third largest owner with 1296 acres or 24% of the open space resource land. Most of the open space land resources are located in the northern half of Patterson. Of significance is the fact that Patterson contains most of the 4200 acre Great Swamp. Patterson also has the distinction of having Thunder Ridge which is a private downhill ski area. Also located in Patterson is one of the largest county parks, the Michael Ciaiola Conservation Area. A large religious organization, Watchtower, also owns a large facility in Patterson. Additionally, Patterson will have six miles of the Maybrook Bikeway, which has the potential to link to a future trail in Dutchess County. Patterson also has a considerable amount of agricultural land.

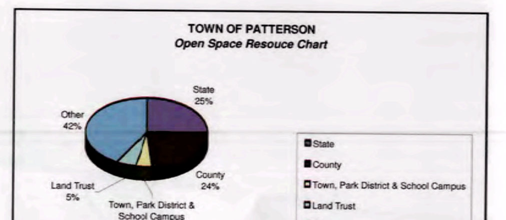
Patterson land use pattern and coverage is characterized by gently rolling, forested hills, several steep slopes and numerous wetland systems. The most dominant feature in Patterson's landscape is the wetlands, which make up between 10% and 16% of the town. In fact, the second largest wetland system in New York State, the Great Swamp, runs through the heart of Patterson. Residential land use is the predominant developed land use in Patterson. Residential uses are typically found in large lots throughout the town with denser concentrations found in Putnam Lake and Patterson Hamlet. Commercial land use is essentially small retail operations mostly concentrated along State Route 22, Patterson Hamlet, and in the Putnam Lake community. Institutional land uses include such uses as town government facilities, schools, and religious facilities. Finally, undeveloped land contributes significantly to land coverage and is found throughout town.

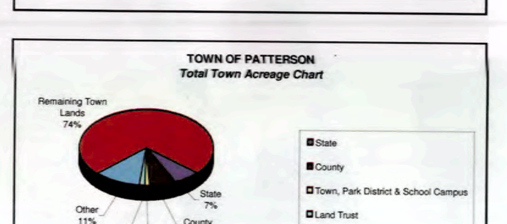
Patterson is serviced by major state highways including State Route 311, Route 22, and I-84. Additionally, there are about 17 miles of county roads and numerous town roads. Also, Metro North has a train station in Patterson. Patterson has limited service from the county bus system. The predominant mode of travel, however, is the automobile.

Patterson		
State DEC	787	
State OPRHP	584	
State	1371	1371
County	1296	1296
Town	170	
Park District	32	
School Campus	35	
Town, Park District & School Campus	237	237
Land Trust	285	285
Private Camps	171	
Private Outdoor Rec	330	
Religious	651	
Agricultural	1151	
Other	2303	2303
	5492	5492

Open Space Resource Chart	
State	1371
County	1296
Town, Park District & School Campus	237
Land Trust	285
Other	2303
Total Open Space Acreage	*5492*

Total Town Acreage Chart	
State	1371
County	1296
Town, Park District & School Campus	237
Land Trust	285
Other	2303
Remaining Town Lands	14988
Total Town Acreage	*20480*





TOWN OF PHILIPSTOWN

Philipstown is the western most town in Putnam County. It comprises approximately 49 square miles. The town had a Census 2000 population of 9,422 and a 2004 population estimate of 9,834. Between 1980 and 2000 the population increased 1.9%. The town's density is about 201 people per square mile with concentrations in and around the villages of Nelsonville and Cold Spring, Garrison, and Continental Village. The villages are located on the Hudson River in the northern part of town while Garrison is located on the Hudson River in the southern part of town and Continental Village is located in the southeast corner of town.

This study indicates that 15,211 acres of open space resource lands or 49% are found in the town. The total area of the town is 31,360 acres. The 15,211 acres are comprised of public and privately owned open space resource lands. Of this amount, 12,018 acres or 79% are held by public entities. The largest land owner of open space lands is the State with 10,490 acres or about 70% of the open space land. With 3,193 acres or 21% of the open space land, various private entities are the second largest open space land owner. The third largest land owner is the Federal government with 785 acres or about 5% of the open space land. The northern and southwest parts of town contain the largest concentration of open space land. The majority of state owned land is in the northern part of town and consists of Fahnestock State Park and the Hudson Highlands State Park. Of significance, is the fact that Philipstown contains a large amount of Federal land including Constitution Island and nine miles of the Appalachian Trail. Additionally, the town has the most properties (38) on the National Register of Historic Sites and contains the only National Register Historic Districts in the county. One of the districts is completely in the village of Cold Spring. It must also be noted that the Manitoga/Russel Wright Center has been awarded status as a National Historic Landmark by the U.S. Department of Interior and the National Park Service. This is a highly prestigious national award for a historic property and it is the first such award for a property in Putnam County. There is also one State Historic Site. Philipstown contains several religious properties such as Graymoor and the Capuchin Friars properties and a large amount of acreage owned by land trusts. Philipstown also contains a high amount of agricultural land.

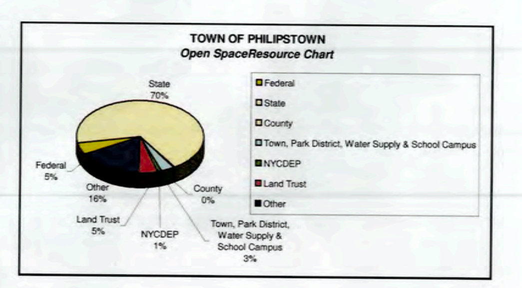
From a land use pattern and land coverage perspective, Philipstown's land use consists mostly of undeveloped land, forest and wetlands. The topography consists of steep terrain and valleys. Residential land use is scattered around town in single-family type homes on large lots. Exemptions to this pattern are found in the villages of Cold Spring and Nelsonville and Continental Village. Commercial uses are found along Route 9 and make up a small part of the land use. Institutional uses are found about town and include such uses as public facilities, religious properties, schools and camps.

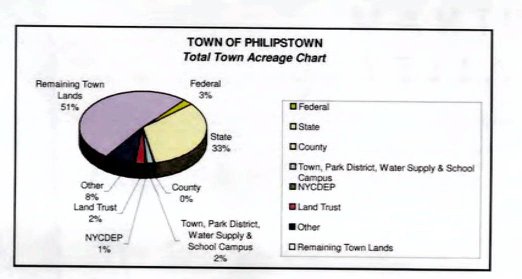
Philipstown is serviced by State Routes 9, 9D and 301, which are the major highways. Additionally, there are about 8 miles of county roads and numerous town roads. Philipstown is also served by the Metro North Hudson Line with train stops at Garrison and Cold Spring. Philipstown has limited bus service from the county bus system. The predominant mode of travel, however, is the automobile.

Philipstown		
Federal	785	785
State DEC	215	
State OPRHP	10275	
State	10490	10490
County	29	29
Town	165	
Park District	16	
Water Supply	145	
School Campus	198	
Town, Park District, Water Supply & School Campus	524	524
NYCDEP	190	190
Land Trust	702	702
Private Camps	871	
Religious	275	
Agricultural	1019	
Golf Course	326	
Other	2491	2491
	15211	15211

Open Space Resource Chart	
Federal	785
State	10490
County	29
Town, Park District, Water Supply & School Campus	524
NYCDEP	190
Land Trust	702
Other	2491
Total Open Space Acreage	*15211*

Total Town Acreage Chart	
Federal	785
State	10490
County	29
Town, Park District, Water Supply & School Campus	524
NYCDEP	190
Land Trust	702
Other	2491
Remaining Town Lands	16149
Total Town Acreage	*31360*





TOWN OF PUTNAM VALLEY

Putnam Valley is located in the western part of the county and comprises approximately 41 square miles. The town had a Census 2000 population of 10,686 and a 2004 estimate of 11,225. Between 1980 and 2000 the population increased by 17.5%. The population density is about 264 people per square mile with concentrations in the Lake Peekskill Oscawana Lake communities. Lake Peekskill is located in the southwest corner of the town and the Oscawana Lake community is located in the central part of town.

This study reveals that 11,157 acres or 43% of the total area of Putnam Valley, which is 26,240 acres, is open space resource lands. The 11,157 acres are comprised of public and privately owned open space resource lands. Of this amount 7,989 acres or 72% are held by public entities. The largest land owner is the State with 5,862 acres or 53% of the open space resources. The second largest owners are various private entities with 3,168 acres or 28% of the open space land resources. The third largest owner of open space land, with 777 acres or 7%, is the NYCDEP. The largest concentration of open space resource land is in the northern part of town. Significantly, the town contains almost half of Fahnestock State Park and seven miles of the Appalachian Trail which runs through the park. Additionally, the town has two sites on the National Register of Historic Places. Also of significance, is the fact that Putnam Valley contains the largest acreage of private camps in Putnam County including the Boy Scouts of America Camp, YMCA Camp, Camp Welmet, and Catholic Charities Camp. Putnam Valley also has a considerable amount of agricultural land.

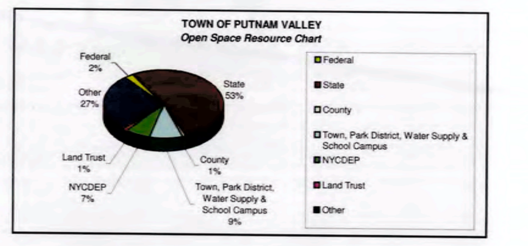
Much of Putnam Valley's land area is steeply sloped and composed of numerous wetlands, streams, and waterbodies. The majority of Putnam Valley's land is undeveloped and generally undisturbed. Permanent open space, such as Clarence Fahnestock State Park and public recreation facilities account for approximately 20% of Putnam Valley's land areas. The next largest land use is rural and semi-rural single-family residential development areas. These single-family residential neighborhoods are generally clustered around lakes and along the major north-south roads. These areas are separated from one another by large open and heavily wooded areas, lakes, wetlands, steep topography, and roads. The town's commercial districts are concentrated in one major business district at Oregon Corners and six smaller commercial corners. Institutional land uses such as public buildings, schools and churches are mostly found in the southern part of town.

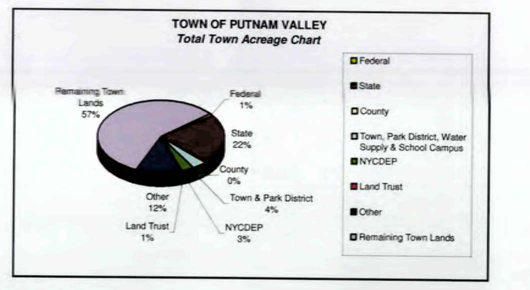
Putnam Valley is serviced by three major state highways, Routes 6 and 301 and the Taconic State Parkway. Additionally, there are about 22 miles of county roads and numerous town roads. The predominant mode of travel is automobile.

Putnam Valley		
Federal	275	275
State DEC	213	
State OPRHP	5649	
State	5862	5862
County	86	86
Town	218	
Park District	176	
Water Supply	520	
School Campus	75	
Town, Park District, Water Supply & School Campus	989	989
NYCDEP	777	777
Land Trust	132	132
Private Camps	1935	
Religious	90	
Agricultural	1011	
Other	3036	3036
	11157	11157

Open Space Resource Chart	
Federal	275
State	5862
County	86
Town, Park District, Water Supply & School Campus	989
NYCDEP	777
Land Trust	132
Other	3036
Total Open Space Acreage	*11157*

Total Town Acreage Chart	
Federal	275
State	5862
County	86
Town, Park District, Water Supply & School Campus	989
NYCDEP	777
Land Trust	132
Other	3036
Remaining Town Lands	15083
Total Town Acreage	*26240*





TOWN OF SOUTHEAST

Southeast is located in the southeast corner of the county and comprises approximately 32 square miles. The town had a Census 2000 population of 17,316 and a 2004 population estimate of 18,426. Between 1980 and 2000 the population increased 16%. The town's population density is about 576 people per square mile with concentrations in Peach Lake, Brewster Heights, and Tonetta Lake, and around the village of Brewster. Peach Lake is located in the southeast part of town while the other areas are found in the north central and central part of town.

Data from this study found that 6,054 acres or 29% of the total area of Southeast, which is 20,480 acres, consists of open space resource lands. The 6,054 acres are comprised of public and privately owned open space resource lands. Of this amount 3,956 acres or 65% are held by public entities. The largest land owner of open space resources is the NYC DEP with 3119 or 51% of the open space resources. The second largest owner of open space resources is the town and park districts and school campus with 497 acres or 8% of the total. The third largest owner with 237 acres or 4% of the open space land resources is the County. Most of the open space resources are scattered about the town but there is a concentration of NYCDEP lands and reservoirs in the central and western part of town. The town will contain 10 miles of the Putnam Bikeway and the Maybrook Bikeway and will be the location where significantly, both meet. Additionally, the town has one site on the National Register of Historic Sites and has the largest amount of acreage in private golf courses.

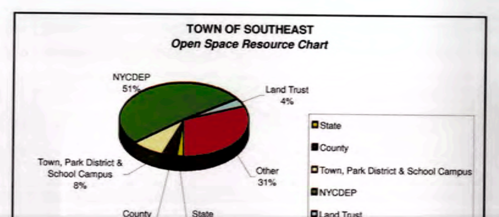
In terms of land use patterns and land coverage, Southeast is characterized by rolling hills, wetlands, reservoirs, lakes and streams. Most of the development that has occurred has been residential in nature. Detached single-family homes make up most of the town's housing stock. Undeveloped land comprises the second largest percentage of land area in the town. Other land uses include commercial, industrial, office, and institutional. Commercial land uses in the town are essentially small to medium sized retail operations located mostly along State Routes 6 and 22 and in the Brewster Highlands Shopping Center. Industrial uses are found along State Route 6 east of I-684 and the Fields Lane area. Office uses are primarily at the I-84/Route 312 interchange and along Route 6 west of the village of Brewster. Institutional uses are scattered and include government land uses, schools, churches, and other non-profit organizations.

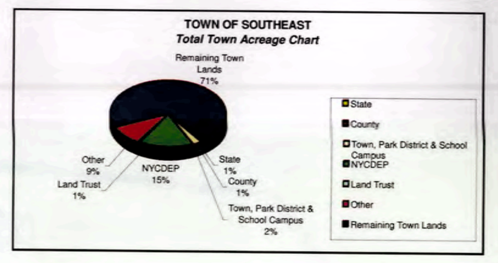
Southeast is serviced by major highways including State Routes 6, 22, 312, I-84, and I-684. Additionally, there are about 20 miles of county roads and numerous town roads. Metro North has two train stations in Southeast. Southeast also has bus service from the county bus system and from the Connecticut-based HART system. The predominant mode of travel, however, is the automobile.

Southeast		
State DEC	103	
State	103	103
County	237	237
Town	320	
Park District	6	
School Campus	171	
Town, Park District & School Campus	497	497
NYCDEP	3119	3119
Land Trust	217	217
Private Camps	3	
Agricultural	956	
Golf Course	922	
Other	1881	1881
	6054	6054

Open Space Resource Chart	
State	103
County	237
Town, Park District & School Campus	497
NYCDEP	3119
Land Trust	217
Other	1881
Total Open Space Acreage	*6054*

Total Town Acreage Chart	
State	103
County	237
Town, Park District & School Campus	497
NYCDEP	3119
Land Trust	217
Other	1881
Remaining Town Lands	14426
Total Town Acreage	*20480*





VILLAGE OF BREWSTER

The village of Brewster is located in the southeast part of the county and almost in the center of the town of Southeast. The village contains about .5 square miles. Census 2000 placed the village's population at 2,162 and a 2004 population estimate of 2,173. Between 1980 and 2000, the population increased 38.1%. The village's population density is 2,162 people to less than one square mile.

Based on the data from this study, open space resource lands consume about 59 acres or 18% of the total village area, which is 320 acres. The 59 acres are comprised of publicly owned lands. The largest owner of open space land is the NYCDEP with 39 acres or 66% of the land followed by the town of Southeast with 11 acres or 19% of the land and school campus with 9 acres or 15% of the land. All of this land is concentrated in the southern part of the village. Of significance is the fact that the village contains four sites on the National Register of Historic Places and contains a small portion of the Putnam Bikeway.

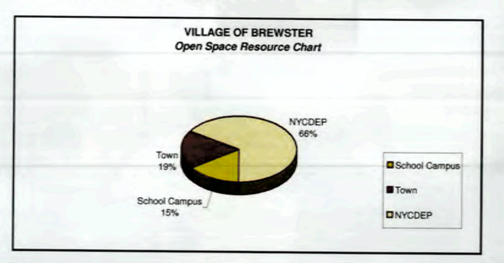
The land use pattern and land coverage in Brewster is one of an established village with little vacant land for new development. The mix of land uses found along Main Street and within its vicinity contribute to the vitality of the downtown. One-, two-, and multi-family residences mix with retail, restaurant, market/deli, service, office, institutional and cultural uses and a commuter rail station. Generally, commercial uses (retail, restaurant, etc.) occupy street level spaces with offices and apartments found in the upper stories. The East Branch of the Croton River flows just south of Marvin Avenue within one block of Main Street and provides a significant amount of open space. Residential land use away from Main Street consists of a variety of housing types, including single and multi-family units.

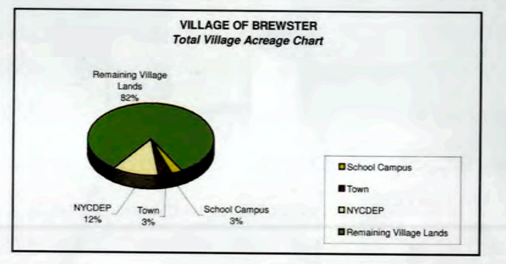
Brewster's location is a benefit since it is situated just northwest of the interchange of I-84 and I-684. The village has a major Metro North train station, which also serves as a connecting point with public bus services. The train trip to Grand Central is about one hour and ten minutes. Routes 6 and 22, major state highways, pass through Brewster.

Village of Brewster		
School Campus	9	9
Town	11	11
NYCDEP	39	39
	59	59

Open Space Resource Chart	
School Campus	9
Town	11
NYCDEP	39
Total Open Space Acreage	*59*

Total Village Acreage Chart	
School Campus	9
Town	11
NYCDEP	39
Remaining Village Lands	261
Total Town Acreage	*320*





VILLAGE OF COLD SPRING

The village of Cold Spring is located in the western part of the county in the town of Philipstown. The village occupies the foot of a steep hillside on the Hudson River near the mouth of Foundry Creek and across the river from the United States Military Academy at West Point. Since the village is located in the midst of the Hudson Highlands, there are spectacular views of natural riverfront and mountainous landscapes in every direction.

The village contains about .6 square miles. Census 2000 placed the village's population at 1,983 and a 2004 population estimate of 2,010. Between 1980 and 2000, the population decreased by .8%. The village's population density is 2,010 people to less than one square mile.

Based on the data from this study, open space resource lands consume about 105 acres or 28% of the total village area, which is 384 acres. The 105 acres are comprised of public and privately owned land. The largest owner is land trust with 61 acres or 57%. The second largest owners are the school campuses with 30 acres or 29% and the third largest owner is the village with 10 acres or 10%. Much of this land is concentrated in the northern and southern parts of the village. Of significance is the fact that the village contains a National Register Historic District and many historic sites on the National Register of Historic Places. The village also has boat access sites on the Hudson River.

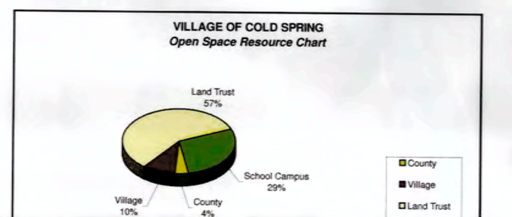
The land use pattern and land coverage in Cold Spring is one of an established village. Land uses are typical of a small village with a mix of residential, commercial, institutional uses, and undeveloped and forested land. Generally, commercial uses are found along Main Street with residential uses spreading outward from Main Street. Most residential units are single and two family housing units. Main Street has ground level shops and upper story residences.

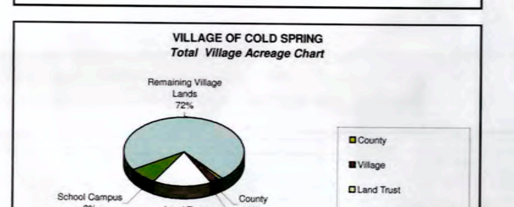
Cold Spring is serviced by the Metro North's Hudson Line with a stop in the village. The trip to Grand Central is about one hour. State Route 9D passes through the village as does State Route 301. The village also has limited service from the county bus system to Dutchess County and a trolley bus that serves the village and points in Garrison and along Route 9D.

Village of Cold Spring		
County	4	4
Village	10	10
Land Trust	61	61
School Campus	30	30
	105	105

Open Space Resource Chart	
County	4
Village	10
Land Trust	61
School Campus	30
Total Open Space Acreage	*105*

Total Village Acreage Chart	
County	4
Village	10
Land Trust	61
School Campus	30
Remaining Village Lands	279
Total Town Acreage	*384*





VILLAGE OF NELSONVILLE

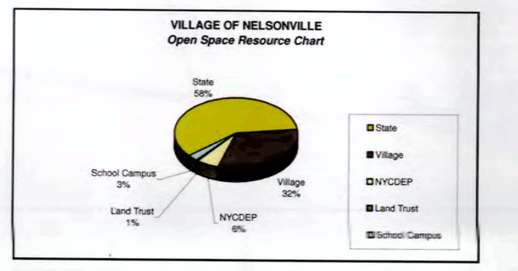
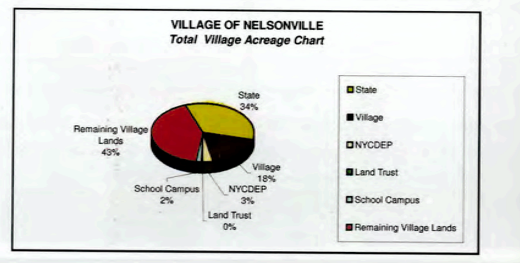
Nelsonville is located in the western part of the county in the town of Philipstown. The village is about one mile east of the Hudson River and enjoys the tremendous scenery and views of the Hudson Highlands. The village contains about one square mile. Census 2000 placed the village's population at 565 and a 2004 population estimate of 581. Between 1980 and 2000, the population showed a decline of 3.4%. Population density of the village is about 581 people for the one square mile of the village.

According to this study, open space resource lands consume about 368 acres or 57% of the total village area, which is 640 acres. The 368 acres are comprised of public and privately owned lands. The largest owner is the State with 218 acres or about 58% of the open space land. The second largest owner is the village with 116 acres or about 32% of the open space land. The third largest owner is the NYCDEP with 22 acres or about 6% of the open space land. Much of this land is found north of State Route 301. Of significance is the fact that much of the open space land is part of the Hudson Highlands State Park. The NYC aqueduct also runs through the village carrying water to NYC from the Catskill/Delaware water supply system. Also of note is the fact that the village contains several historic sites on the National Register of Historic Sites.

With a considerable amount of State parkland, it is no surprise that most of the village's land coverage is forested. Residential uses, mostly single family detached units make-up the next largest land use. The balance of land coverage consists of small percentages of retail and institutional uses. From a land use pattern perspective, the developed portions of the village are found primarily adjacent to Route 301 with undeveloped areas near the middle to outlying areas of the village.

The village is served by State Route 301. Access to the Metro North train station in Cold Spring is only a short distance as is access to State Route 9.

Village of Nelsonville		
State OPRHP	218	218
Village	116	116
NYCDEP	22	22
Land Trust	2	2
School Campus	10	10
	368	368

Open Space Resource Chart	
State	218
Village	116
NYCDEP	22
Land Trust	2
School Campus	10
Total Open Space Acreage	*368*

Total Village Acreage Chart	
State	218
Village	116
NYCDEP	22
Land Trust	2
School Campus	10
Remaining Village Lands	272
Total Village Acreage	*640*