



Shinnston

A Community Profile of Current Conditions and Capacity

**Prepared for the
West Virginia Blueprint Communities Initiative**

April 2007

Shinnston
A Community Profile of Current Conditions and Capacity

Prepared for the West Virginia Blueprint Communities Initiative
April 2007

The community of Shinnston is located in North Central West Virginia in Harrison County. The town was originally chartered as Shinn's Town in 1852 and was incorporated as Shinnston in 1877. During the 19th century, commerce in the area included grain mills and saw mills as well as the necessary tradesmen of 19th century life. Throughout much of the 20th century; oil, gas, and coal contributed significantly to the local economy.

The latest population estimate available (2005) for the town of Shinnston reflects a population of 2,240 people. Twenty-one percent (21.0%) of the population is under 18 years of age and twenty percent (19.9%) is 65 years of age or older. There are 986 households in Shinnston and about 676 families.

Introduction:

This community profile is provided for use by the Blueprint Team in order to provide a general overview of some of the more relevant measures of local conditions and community capacity. It is one of many tools you may find useful. The profile should be reviewed and kept in your community toolbox for future reference. Local Blueprint Teams will undoubtedly wish to examine some of the areas addressed in the profile in more detail once specific priorities are established for local community development. The profile should initially be useful in identifying areas of concern that may require further study and assessment by local citizens and later on it may provide guidance about measures that can be used to monitor progress.

The Shinnston community profile is intended as a resource for local community builders. It is a portrait of current conditions and local capacities. Information presented here can be useful to local Blueprint Community Team members and other community residents in considering where to invest time and energy and in establishing both short and long term priorities and goals for community improvements. However, the statistics and other information summarized here are no substitute for local initiative. Objective facts and individual perspectives must be considered in the context of local knowledge, opportunities and desires which can only be gleaned from community members. For example, if the general profile suggests recreational facilities as an area for development, local residents should be asked what types of recreational opportunities they would be most interested in and where any facilities should be located. It is important to know what types of facilities or programs would be used before making plans for development. If people are involved in the planning they will be more likely to be involved in the doing.

A Few Words about Community Capacity and Capital:

Community Capacity may be defined as the level of resources, assets, human capital, and social capital available to a group of people (a community) to achieve the results they want and care about. "Community capacity, in a general sense, is what makes communities work. It is what makes well-functioning communities function well." (Chaskin, et.al., 2001). Capacity may be found in local people, in the strength of the relationships among people, in civic enterprises, in local institutions, in the value of property and buildings, in financial investment, and in the quality of the environment.

"Community capacity is what makes well-functioning communities function well" – (Chaskin, 2001)

Sufficient levels of community capacity are necessary prerequisites for successful community development. Community capacity can be measured and it can be built. The Blueprint Communities Program is focused on increasing community capacity in order to build stronger and more prosperous communities.

The community profile is organized by capacity domains - important areas of influence defined by the *West Virginia Community Development Gathering*. A domain of capacity may be thought of as a significant area of influence that affects the ability of a community to get things done. If capacity is lacking in any particular area it should be built so that available resources and investments can be optimally utilized. Each of the seven domains (areas of influence) of capacity is discussed in the profile based on selected quantitative data and the opinions of Blueprint Team members reflected in their on-line survey responses.

"Capital" is another term that is helpful in organizing information within the profile. We are generally familiar with financial capital, the monetary investment that is made available to build something useful. Other forms of capital discussed in the profile are no less important. Human capital, social capital, cultural capital, and environmental capital are all local resources that can be drawn upon to improve community conditions.

Human Capital

Human Capital includes the health and well being of local residents as well as the knowledge skills and abilities of local people. There is considerable data available that can be used to measure health and well being. Much of the available data related to health and well being is accessible only at the county level. Thus, some of the measures of local health and well-being discussed here are reflective of Harrison County while others describe the town of Shinnston when local level information is available.

Health and Well Being of Local People

Healthy People:

Three key measures of health were compiled for county residents. These measures (not available at the local community level) include health insurance status, adult obesity, and low birth weight. Adult obesity which is defined as significantly exceeding recommended healthy weight is 25.5 % in Harrison County. This is below the average for West Virginia (27.7%) but above the average for the U. S. (22.8%). The number of adults without health insurance is higher than both the state (22.8%) and national (18.2%) averages at 24.9% of the adult population uninsured in Harrison County. The percentage of low birth weight babies (8.0% in Harrison County) is close to the national average of 7.8% and less than the WV statewide average of 9.3%.

Obesity and low birth weight are significant risk factors for major health problems and although these measures of health are relatively good as compared to state averages they should still be of concern to residents of the County. The local Blueprint Team may wish to look closer at this issue by talking to local health care professionals that serve the immediate Shinnston area to get a more localized picture of the health status of local residents. The above average number of adults with no type of health insurance coverage is also an issue that should be of concern. Most children are able to qualify for health care insurance through public programs if they are not insured through a parent's employer; however, that is not the case for many adults residing in the state. Again, local health care professionals would be good source of information about how this problem affects local Shinnston residents and they should be consulted.

School Readiness:

Research studies over extended periods of time (including the Abecedarian, Perry Preschool, and Chicago Parent-Child Centers studies), have documented the link between early childhood development and future success in school and later life. Two key measures of school readiness – that is early childhood development that prepares children for school – were considered. The percentage of kindergarten children enrolled in public preschool programs is a good measure of school readiness as is the rate of retention in preschool and kindergarten programs. Preschool enrollment as a percentage of kindergarten enrollment in Harrison County is above the state average at 45.2%. Statewide, this ratio of preschool enrollment to kindergarten enrollment averages 43.2%. The preschool enrollment as a percentage of kindergarten enrollment for Big Elm Elementary School which serves the Shinnston area was a little higher than the county-wide rate at 46.7% for 2006-07.

The percentage of pre-K and kindergarten students who are retained in Harrison County (not promoted to the next grade) was 5.1% (2003-04 data). This is much lower than the state average of 12.2%. The low retention rate at the preschool and kindergarten level may reflect access to quality child development programs in the area.

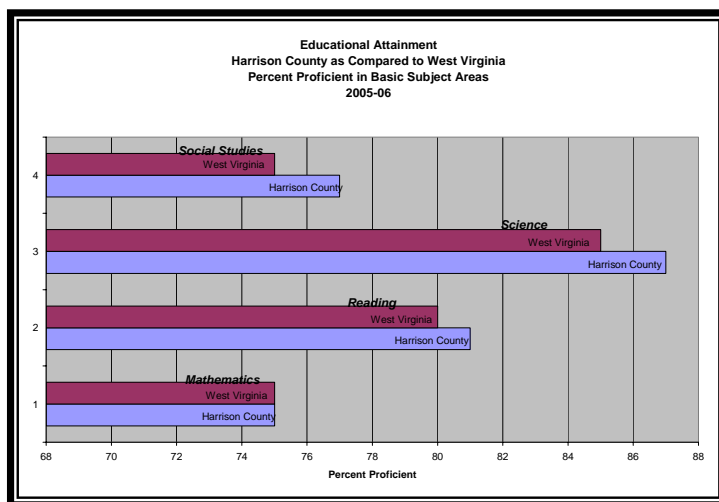
School readiness seems to be an area of strength within Harrison County; however, given the importance of early childhood development as a predictor of future success; the Blueprint Team may wish to examine this area more closely within the context of the local Shinnston community. Preschool and kindergarten teachers at the local elementary school would be the best source of information about how prepared children are when they enter school.

Educational Attainment and Access:

Success in school may be measured by looking at several key indicators of continued education and achievement in the public schools. Measures selected for the profile include education levels of the population, high school graduation rates, students going on to college, and test scores on standardized testing.

About twenty percent (20.1%) of the residents of Shinnston did not complete high school. This is a lower percentage than the statewide average (24.8%) and about the same as the U. S. population as a whole (19.6%). On the other end of the educational attainment continuum, sixteen percent (16.1%) of Shinnston residents over the age of 25 years hold a college degree. This is a higher percentage than the statewide average of 14.8% but lower than the national percentage of 24.4%.

The high school graduation rate in Harrison County for 2006 was 83.4%. This is lower than the statewide rate (84.6%). The relatively high percentage of young people who do not finish high school should be of concern to the Blueprint Team. County school officials could provide additional information about this issue for students residing in Shinnston area.



For the 2005-06 school year, students in Harrison County met or exceeded state averages for proficiency in all basic subject areas. See Chart.

Young people in Harrison County appear to be going on to college at close to the same rate as the state average. One measure of the college going rate is the percentage of high school graduates who take college entrance exams. In 2006, 65.1% of Harrison County high school graduates took the ACT college

entrance exam; the percentage of students taking the ACT test statewide is at 64%. The composite ACT score for Harrison County students at 21.0 exceeded the state average of 20.6.

Based on the measures considered for *Educational Attainment and Access*, Harrison County students appear to be doing reasonably well in this area as compared to the state as a whole. The

local Blueprint Team in Shinnston may want to secure more localized information about educational attainment including graduation rates and achievement for students residing in the local area from county school officials.

Community Safety:

The overall crime rate for West Virginia as a whole is one of the lowest in the nation at 28.98 crimes per 1,000 population. The crime rate for Harrison County is 29.79 per thousand population which is just above the state average (2005 Uniform Crime Report). Total crimes reported by the Shinnston Police Department are at a lower rate than the Harrison County statistics. The Shinnston Police reported an overall crime rate of 13.33 crimes per 1,000 population in 2005.

Uniform Crime Reports filed by the Shinnston Police Department indicate a high rate of drug and narcotics related crime in the area.

The Shinnston Police reported 33 drug and narcotics violations during 2005, however, which is a rate of 14.66 such violations per 1,000 population. This is more than 20% of all drug and narcotics violations reported for the entire county and greatly exceeds the rate reported for all other types of crime by the Shinnston Police Department.

There are seven sex offenders with a Shinnston address listed in the WV Sex Offender Registry. This is a rate of 3.13 per 1,000 population which is higher than the state rate of 1.39 per thousand.

Shinnston seems to be a reasonably safe place to live as compared to national statistics; however, the high rate of drug and narcotics violations reported by the Shinnston Police Department in 2005 may be an issue that warrants further study by the local Blueprint Team. Local police officials are in the best position to interpret this statistic in the context of their local experience.

Of course, there may be other local safety concerns not reflected in the limited measures discussed here. Further local assessment of any safety concerns community residents may have may be useful in measuring this component of health and well being.

Family Stability:

Two measures of family stability were researched for the community profile – domestic violence investigations and the ratio of marriages to divorces. Local statistics for Shinnston are not available; however the rate of domestic violence investigations within Harrison County is 15.02 investigations related to domestic violence per 1,000 households. This is a lower rate than the statewide rate of 16.39 per thousand households. The ratio of marriages to divorces in Harrison County is 1.89 marriages to every divorce. This is higher than the statewide ratio of 1.49 marriages to each divorce.

A third measure of family stability that was selected for review is the rate of confirmed child abuse and neglect; however, reliable data at the county or local community level is not available. Local child protective services workers can provide considerable insight into this issue. If this is an area of concern for the local Blueprint Team it is recommended that local child protective service staff be consulted to obtain information about the extent of this problem in the community. In general, families in Harrison County appear to be relatively stable based on the limited measures available.

Economic Security:

Perhaps the most telling component of family and individual well being is economic security. Unemployment, poverty, and a general lack of financial resources places families under severe stress that often leads to other problems. This in turn results in a lower level of human capital available within the community. Five measures of economic security are included in the profile.

The most recent (January 2007) unemployment rate for the county is 4.4%. This is lower than the state and federal rates of 4.8% and 5.0% respectively. Additional information about jobs and local industries will be discussed later in the profile in relation to financial and manufactured capital.

Poverty in Harrison County is somewhat less than the state as a whole but higher than the national poverty estimates. In 2003, 16.7% of all families in the county were estimated to have household income below the federal poverty level. The poverty rate for all families in West Virginia is 18.5% and for the nation it is at 12.7%. A little lower percentage of the families residing in the town of Shinnston appears to fall below the federal poverty level than is the case for the county as a whole. Based on the 2000 census data which is the most recent information available for small areas and is more accurate than the estimates for non-census years, 14.2% of all families in the town of Shinnston were in poverty in 1999. The poverty rate for families with children residing in Shinnston was higher than the state average, however. One in four (25.5%) Shinnston families with children were below the poverty level in 1999 as compared to a rate of 21.4% statewide. Nationally, 13.6% of families with children were in poverty when the 2000 census data was collected.

Per capita annual income in Shinnston (1999) was \$16,352. This is close to the state average of \$16,477 but lower than the national average of \$21,587. These figures from the 2000 census are dated yet they provide a basis for comparison of average personal income per resident.

Data from 2000 also indicates that 29.1% of households in Shinnston have a severe burden related to housing costs as defined by the U. S. Department of Housing and Urban Development. This is higher than both the statewide percentage with severe housing cost burden (21.3%) and the national figure of 25.8% of households. A severe housing cost burden is defined as low income households who pay more than 50% of their household income for housing.

A further measure of economic security is the *Universal Living Wage*. This is the hourly wage necessary to afford housing based on Fair Market Rents in any particular area assuming that someone works 40 hours per week and 52 weeks per year. For Harrison County this wage is \$7.62 per hour for a one bedroom apartment. The current federal minimum wage is \$5.15 per hour although the Congress appears ready to increase it to \$7.25 over a two year period.

Family and individual economic security does not appear to be as severe of a problem for Shinnston residents as it is for many people in the state. Nevertheless, many families with children struggle to make ends meet and the high percentage of households with severe housing cost burden may strain many household budgets.

Survey Responses from Blueprint Team Members Related to Health and Well Being:

Responses to the survey from eight members of the Blueprint Community Team average +0.43 for the statements related to community capacity in this domain. (See appendix A for an explanation of survey scoring and interpretation of this average score.) This average score would indicate that there is a moderate level of capacity present within this domain when the five components of health and well being discussed above are considered together; however the team's responses also indicate that the team sees the health of local people as a problem area (average score of -0.63 on that particular variable) and to a lesser degree the team sees economic security for local people as an area of concern. Community safety and local education programs are seen as areas where significant levels of capacity are present. These perceptions of the team members are generally supported by the quantitative data related to the health and well being of local people.

Skills, Knowledge, and Abilities of Local People

Indicator areas related to using and enhancing skills, knowledge and abilities of local people, citizen engagement, and data driven decision making are included in this domain of capacity. Some information is available in existing data sets that can provide us with measures of citizen engagement; however, measures relating to using and enhancing skills knowledge and abilities will, at least for the present, need to be identified locally. The perception of Blueprint Team members as reflected in the survey results is one measure of this domain and team members are encouraged to consider relevant local information and knowledge to identify other measures.

There are no current depositories of local information about how people use and enhance their skills. The Blueprint Communities Training Program is an example of local people (the Blueprint Team) enhancing their skills and the participation of team members in the program is a positive measure of local capacity in this area. The level of participation on local boards, task teams, work teams etc. is another such measure that can be assessed locally. Other useful measures of this domain where information may be known to the Blueprint Team or information could be collected locally might be participation of citizens in community meetings; training programs offered locally in areas of leadership development, group facilitation or planning; number of local community members who have participated in such training, or observations about how local government or town meetings are conducted. Are there local opportunities to gain leadership skills? Are citizens encouraged to participate in local town meetings? Are diverse parts of the community represented and are all opinions welcomed?

Citizen Engagement:

County level measures of citizen engagement have been compiled for consideration by the Blueprint Team members. Some information is available at the county level in existing data sets related to participation in elections and volunteerism. Participation in elections is often used as a measure of citizen engagement. In 2004 (a Presidential election year), 68.9% of registered voters in Harrison County cast a ballot. Voter turnout in Harrison County was higher than the statewide voter turnout of 65.9%. An additional measure of citizen participation is the percentage of the voting age population that actually registered and exercised their rights as a citizen to vote for their elected officials. In Harrison County the percentage of the voting age population that voted in the 2004

election was higher than the state or national turnout. 58.7% of the voting age population voted in Harrison County as contrasted to 54.7% in West Virginia and 55.5% across the nation.

These measures of citizen participation for Harrison County may not accurately reflect local civic involvement in Shinnston and Blueprint Team members are encouraged to develop their own local measures for this domain.

Volunteerism is another measure of this domain for which we have some county level data. Harrison County residents participate in the Adopt-A-Highway program at a lower rate than the state average – 10.3 volunteers per 1,000 population in Harrison County and 13.2 per 1,000 statewide. Another measure of citizen involvement is the number of persons expressing interest in volunteering through the state registry maintained by the WV Commission on National and Community Service. This registry reflects 4.7 Harrison County residents per 1,000 population and a state average of 9.1 per 1,000.

Survey Responses from Blueprint Team Members Related to Knowledge and Abilities of Local People:

The measures reported above related to voting and volunteerism drawn from available data provide some useful information in the context of the larger county; however, we are forced for the most part to rely on the local knowledge and perceptions of Blueprint Team members in Shinnston about the local level of capacity in this domain. Based on the survey responses of the team members, capacity in this domain is present in the community at a low to moderate level. The average score for this domain was +0.30 indicating team members believe there is some local capacity present that can be tapped. Most members agree that meetings about community issues are held when people can attend and that decisions are made based on good information. Opportunities for local people to gain new skills and abilities are seen as lacking by the team members. Capacity in this domain can be further enhanced by engaging local residents in the community assessment and planning process and by arranging for local training or workshops to further develop leadership and planning skills.

Social Capital

“Although some...continue to believe that healthy economies create vibrant communities, in fact, the reverse is more often the case. A strong community is a prerequisite for creating a healthy economy because it alone produces social trust.”
(Jeremy Rifkin, 2000)

Two domains of community capacity make up social capital – ***Relationships and Interpersonal Communications*** and ***Community Initiative Responsibility and Adaptability***.

These domains address levels of shared values, trust, connectedness, participation, collective vision, leadership planning, and sense of hope in the community. There are currently few if any sources of local data that effectively measure these important components of community capacity. One measure that may be useful was secured from school survey data. Young people attending Lumberport Middle School were asked if they participate in community activities such as scouts, sports teams, youth clubs, etc. Participation in such activities is one way social capital is built among young residents in the community. For 2004-05, 24.2% of students reported participation in such activities. This is a little less than the statewide rate for all students of 26.7%.

With the exception of this one measure of relationship building in the community state and national data sets are not very useful. We can gain some insight into this domain of local capacity through the perceptions of Blueprint Team members (survey data). However, the levels of social capital are best considered locally by observing local interactions among people, identifying local leaders, and encouraging a collective vision and plan for the community. Are public issues discussed in local newspapers or community forums? How many adults attend youth activities? Are community gatherings routine events and are new members of the community welcomed at community events? Are local organizations and local government connected to one another and engaged in joint planning to improve the community? Does the community work (and play) well with other communities in the area? Do community residents resolve disagreements amicably and trust one another? The Blueprint team can develop its own local measures of social capital by asking themselves these types of questions and then asking: how would we know?

Local information can also be gathered by talking to local government officials or agency directors about their vision for the community and how they plan for the future. Is there a collective vision for local development? How many citizens are engaged in discussions about the future? What is the level of resources dedicated to planning by local organizations and local government?

Survey Responses from Blueprint Team Members Related to Relationships and Interpersonal Communications:

The responses of Blueprint Team members related to this domain of community capacity indicate a moderate level of existing capacity. The average score for this domain across the five variables is +0.55. All team members agree that local people trust one another to do what is best for the community and that they have a sense of self reliance. Some lack of consensus among the team was

indicated in the survey responses about how well the community is connected to outside resources. Based on the team responses to the survey, this appears to be a domain of capacity that can be drawn on to improve the community.

Survey Responses from Blueprint Team Members Related to Community Initiative, Responsibility, and Adaptability:

Team members see this domain as holding a low level of capacity but less than the previous domain related to social capital. The overall average score for this domain is +0.28. There was no clear consensus of opinion among the team members on four of the five variables describing this domain. This domain also reflects a significant difference of opinion in how team members see the community. Issues related to collective vision, broad participation in decision making and local planning appear to be areas where team members have different perspectives. The Blueprint Team may want to spend some time discussing their views on these social capital issues among themselves and with others in the community in order to better understand each other's points of view.

Based on the Blueprint Team member responses to survey statements related to social capital, this is an area where capacity is present in the community and also an area where additional capacity can be built. Specific strategies to bring people together and build community consensus about future directions would be beneficial.

Cultural Capital

Cultural Diversity and Quality of Life

This is another domain where existing databases offer little useful information. The 2000 census data reflects little cultural diversity within the population of Shinnston. 98.4% of the town's population is White. The census data does provide an additional measure of cultural diversity – 60 community residents (2.8%) spoke a language other than English in their homes at the time of the 2000 census.

Harrison County has two museums or art galleries located in the county and five libraries. There is also a performing arts center. 1.5% of the work force of the county is employed in the Arts, Entertainment, or Recreation sector.

Survey Responses from Blueprint Team Members Related to Cultural Diversity and Quality of Life:

Blueprint Team members believe the quality of life in Shinnston is good. The average score for this domain is +0.80. This score indicates a moderate to high level of capacity related to cultural diversity and quality of life. Team members see strong values in the community, community pride, and a desire to preserve local heritage. There is less agreement among the team about opportunities for cultural enrichment and recreation. Overall, the team sees more capacity related to this domain within the community than is present in other domains based on the survey responses.

Team members may wish to assess how other community members see issues related to cultural diversity and quality of life as plans are developed. Do community residents want more access to live music performances and the arts? Are recreational opportunities lacking? If so, what types of recreational opportunities do community members want? How can the significant levels of capacity present in quality of life issues be leveraged to assist with community development?

Financial and Manufactured Capital

Investments in Community and Financial Resources

A significant number of measures have been identified from existing data sets to describe levels of community capacity and current conditions within this domain.

Financial Investments:

Data obtained from the WV Secretary of State Business Organization Information System indicates that nearly 7.21% of the for-profit businesses in Shinnston have been started within the past year. The statewide percentage of new business start ups is 4.18%; thus, this level of new business activity may be a positive measure of business activity; however, this is an area where local knowledge is necessary to interpret this measure in the context of local business activity.

Data from the Home Mortgage Disclosure Act database indicates 19 new home mortgages per 1,000 current housing units in Shinnston during 2005. This is less than the state average of 32 per 1,000 units and the national figure of 75 per 1,000.

Local Financial Resources:

One measure of local financial resources is deposits in local banks. Local information for Shinnston residents is not easily available but this measure for Harrison County was calculated from available 2004 data at \$12,738 in per capita deposits (average deposits per county resident). The state average per-capita deposit is in this range at \$12,472. Harrison County has 31 banking locations in the county and a total of \$875 Million dollars in total deposits (2004 data). This measure could be more localized by seeking information from local banks operating within the town.

Another measure of local financial resources is the average wage per job. Harrison County residents' earnings are just above the state average at \$31,148 per job held. The state average is \$30,879 (2005 data). The average wage per job for Shinnston residents is not available but it is likely to be close to the Harrison County statistic. The 2000 census data reported the median income for Shinnston households at \$26,786.

Access to Outside Financial Resources:

Several measures of federal spending and investment of federal financial resources in the area have been identified. This data is most recently available for Harrison County (2004). One measure of federal investment in the county is federal transfer receipts. These federal payments are made to individuals for unemployment benefits, retirement, social security, disability payments, and other forms of payment not attributable to earnings from work. The "federal personal transfer receipts" for 2004 averaged \$7,059 for each person in the county (per-capita receipts). Statewide this figure is very close to the Harrison County number at \$6,929. Harrison County residents are about at the state average as far as local resident's dependence on federal government programs.

Federal per-capita spending in Harrison County for salaries and benefits of federal employees, military personnel, procurement contracts, grants and other forms of investment was \$8,833 per person in 2004. This is a little more federal investment than the state per capita average of \$8,364. Federal grant funds received in Harrison County during 2004 were \$90,266,000. These grant funds

include grants made directly to local governments or organizations as well as federal grant funds distributed by state government to the county. The local Blueprint Team may wish to consider to what extent if any these federal investments in Harrison County affect the local Shinnston community.

Business Efficiency:

One measure of business efficiency is retail sales. The Economic Census of 2002 reported per capita retail sales in Harrison County as \$14,063. Statewide retail sales were \$9,277 per capita. Harrison County appears to be a regional center of retail trade with retail sales significantly exceeding the statewide average.

Job creation and changes in net employment are other measures that can be used to assess business efficiency within the county. During 2005, Harrison County had a net loss of 533 jobs. There were 1,692 new jobs created during that period. Average new hire earnings are reported at \$1,700 per month. Although there was some overall loss of jobs within the county during 2005, there was an increase in the number of county-based jobs from 2000 to 2004 of 1,998 jobs. Overall, it appears there was an upward trend in available jobs during the first half of the present decade in Harrison County.

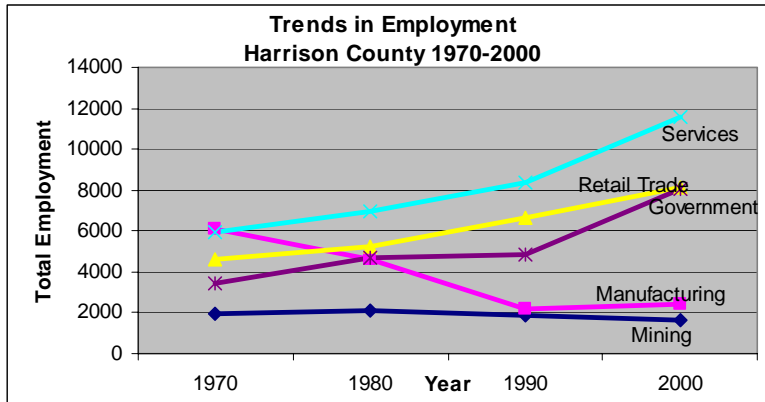
Business Diversity:

Business diversity within the county is reflected in the number and types of business establishments and in the types of jobs available. Total non-farm business establishments in Harrison County in 2004 were 1,892. The 2002 Survey of Business Owners conducted by the Census Bureau included 1,578 businesses with employees. Within the town of Shinnston, information from the WV Secretary of State Business Organization Data System allows us to get a more localized picture of business diversity. This data system (current monthly statistics) lists 208 for-profit businesses and 53 registered non-profit organizations operating within the town.

Employment in Harrison County for 2004 (the most recent available data) reflects a total employment of 43,326 persons. 80.2% of the employment is in private sector jobs while government employment accounts for 18.1%. The remaining 1.7% is farm employment.

2000 Census data for the town of Shinnston reports 969 Shinnston residents (over age 16 yrs.) employed. Shinnston residents' occupations in 2000 were listed as:

- Management and Professional – 30.7%
- Service Occupations – 17.6%
- Sales and Office – 26.4%
- Farming, fishing & forestry – 0.0%
- Construction, Extraction, and Maintenance – 10.6%
- Production, Transportation – 14.7%



Trends in Employment 1970 to 2000:

If we look closer at selected industries over the past thirty years the total employment in Harrison County within these particular industries has increased during the period (24,060 jobs in 1970 and 33,791 jobs in 2000). However, the shift in type of employment has been significant. Employment in service industries has increased dramatically.

Jobs in retail trade and government jobs have also increased. The number of persons employed in manufacturing has declined significantly and there has also been a smaller decline in mining jobs. The rate of increase in service jobs, retail trade, and government sector jobs is particularly notable as is the rate of decrease in manufacturing related jobs during the period. See chart showing trends in these selected industries over thirty years.

Cultivating Entrepreneurship:

Limited data is available in this area. Some measure of entrepreneurship within the town of Shinnston may be implied from the 5.5% of residents that owned their own business in 2000. Blueprint Team members probably have a better sense of local entrepreneurial activity than we can see in available statistics. The team may want to discuss this issue and consider ways to promote entrepreneurship within the community.

Community Resident Assets:

Resident assets may be measured to some extent by looking at the value of owner occupied housing. For most home owners their home is the greatest asset they have. In 2000, 75.2% of Shinnston residents owned their homes. This is the same as the state average and higher than the national home ownership rate of 66.2%. The average value of the homeowner’s property in Shinnston was \$68,926 in 2000 this is lower than the average value of owner occupied housing statewide (\$86,995) and nationally (\$158,934).

The average value of farm land and buildings in Harrison County is considerably less than the state average. The 2000 census of agriculture documents an average value for farm land and buildings in Harrison County of \$178,829. The average value of farm land and buildings in West Virginia was \$231,999.

Community Infrastructure:

Community infrastructure is an area where local resident knowledge generally exceeds available statistics drawn from large data sets. Blueprint Team members can most likely assess infrastructure issues fairly accurately based on their own local knowledge or by gathering local data related to public buildings, highway repairs, the age of water and sewer systems, new school facilities, etc.

Census data tells us something about housing in Shinnston. More than half of the housing units (57.7%) were built prior to 1960 and more than a third (36.2%) were built in 1939 or earlier. Most

occupied houses are heated with natural gas (86.2%) and 4 housing units lacked complete plumbing facilities in 2000. Thirty-seven households (3.8%) had no telephone service when the 2000 census was taken but this probably reflects personal choice or low income more than a lack of infrastructure.

The percentage of workers in Harrison County who commute outside the county to work is 15.2%. This is less than the state average (20.2%). Average travel time to work is less than the state average, and net commutation (persons coming into the county to work minus those leaving to work) is +5,205. These figures tell us that significant numbers of persons work in Harrison County and live in surrounding counties.

Other measures of local community infrastructure should be examined by the Blueprint Team. One measure of the increase in local assets is the number and type of building permits sought by local residents. This data should be locally available and is good measure of investment being made to increase the value of homes or business property.

Survey Responses from Blueprint Team Members Related to Investments in the Community and Financial Resources:

Survey responses of the Blueprint Team members reflect a relatively low level of capacity in this domain. The average score for this domain was +0.23. The blueprint team believes good business ideas would be supported in the community but sees a lack of local opportunity to learn how to start a business. Collectively the team's perception is that businesses do not generally do very well.

Blueprint Team members see some positive level of local financial capital that can be drawn upon to improve the community. Local strategies to encourage and support entrepreneurial activity and to provide training in small business endeavors might be something the team would want to consider in order to build additional financial capital in the community.

Environmental Capital

Sustainable Healthy Ecosystems with Multiple Community Benefits

Local environmental issues are another area where existing data sets are not particularly useful for local communities such as Shinnston. Some county level information about the environment is available from the U. S. Environmental Protection Agency and the State Department of Environmental Protection as well as the State Department of Natural Resources.

Recent grant awards (2007) from the REAP Office of the State Department of Environmental Protection to address environmental issues includes three grant awards in Harrison County totaling \$99,015. Grant awards to address environmental issues are one possible measure of local initiative and capacity within this domain.

The percentage of surface waters with impaired or threatened uses in Harrison County is the highest in the state. 55.1% of surface waters have been designated as impaired or threatened based on data available from the Environmental Protection Agency.

In 2005, Harrison County industrial sites released 6,791,603 pounds of toxic chemical waste into land fills and the air according to U. S. EPA databases. This is 7% of all toxic chemical releases into the environment in the state. How such releases affect the local Shinnston community is a question the team may wish to explore. There were no environmental clean up sites listed for the Shinnston area in state and federal databases.

Local environmental issues may be monitored and potential problems identified through local projects to monitor water quality and bio-diversity. Local schools might be encouraged to conduct tests on local streams or conduct wildlife counts as student science projects. Recycling is another area that can be considered to maintain a high quality environment. Any local environmental organizations should be included in visioning and planning for local development.

Survey Responses from Blueprint Team Members Related to Sustainable Healthy Ecosystems with Multiple Community Benefits:

This domain of community capacity is seen by the Blueprint Team members as an area of moderate to high existing capacity with an overall score of +0.68. Four of the five variables used to calculate the team perception about this domain were strongly positive. Land use planning was an area where the team did not express a consensus though their survey responses. This may be an area the community wants to consider further if there are concerns about land use planning as community development projects are implemented. Based on the perceptions of the eight team members completing the survey, there appears to be stores of environmental capital within the town that can be useful in moving community projects forward.

Appendix A

Methodology and Technical Information

A Capacity Assessment Framework was used as the basis for constructing a community profile for each of the ten West Virginia Blueprint Communities. The framework is based on a community capitals model and it addresses levels of capacity - that is stores of capital- that might be drawn upon to improve local conditions. Seven domains or “areas of influence” effecting community capacity were defined by a group of stakeholders known as the “Community Development Gathering” in West Virginia during 2006. These domains were adapted from work done by the North Central Regional Center for Rural Development at Iowa State University. To the extent possible, measures for each domain were selected from relevant existing databases and these selected measures are discussed in the profile. The community profile discusses current conditions in the context of five capitals, seven domains and defined indicator areas that say something significant about each of the domains of interest. This framework is included as Appendix B.

Compiled and published information at the level useful for local assessment and planning is very limited for some areas of influence that determine local community capacity. Consequently, domains relating to social capital, cultural capital, and environmental capital are more difficult to measure using existing data sets. Given this lack of good information readily available for some of the defined domains, a survey was developed to assess the opinion of key informants about the levels of capacity within each of the Blueprint Communities. Blueprint Community team members were asked to complete the web-based survey in order to secure information about how the team members see their community and identify (from the perspective of the team members) areas where local capacity appears to be present. Because of the makeup of the Blueprint Teams, the Blueprint Community Team members are considered to be appropriate key informants knowledgeable about the local community.

The information discussed in the community profile was compiled from existing data sets and from analysis of survey results solicited from local Blueprint Team members. The profile is a portrait of current community conditions and existing areas of capacity with some historical trend information related to key indicators when such trends in the data appear helpful in understanding current community conditions.

Methodology for Analysis of Survey Responses:

Blueprint Team members were asked to complete a survey in order to measure beliefs held by each of the team members related to 35 measures of local capacity. The survey is composed of a series of 35 statements. Each of the seven domains of community capacity defined in the framework is measured by five statements contained in the survey. Survey respondents (Blueprint Community Team members) were asked to evaluate each statement based on their personal knowledge of the larger community (county or town designated as a Blueprint Community) and choose the degree to which they agree or disagree with the 35 statements using a five point Likert scale. Responses for each statement can range from “strongly disagree” to strongly agree”.

Individual survey responses were analyzed to produce a composite score for each of the thirty-five variables. For purposes of analysis individual responses were scored from -2 to +2. Responses were scored as follows: “a response of strongly disagree was assigned a value of -2, disagree was valued at -1, neither agree or disagree received 0 value, a response of agree was valued +1, and strongly agree was assigned a value of +2. The average of the assigned values for each team was then used as the team score for each individual statement (variable). Finally, a score was calculated for each of the seven domains by averaging the team scores of the five variables related to each domain. The score for each domain is based on a total of five variables multiplied by the number of team members responding. Thus, if eight team members completed the survey the score for the domain is based on a total of 40 responses (5 variables X 8 team members). Domain scores can range from minus two (-2.0) if all respondents strongly disagree to plus two (+2.0) if all respondents strongly agree. For any given statement it is highly unlikely that the average response will approach either -2 or +2. In general, positive domain scores indicate capacity is present and negative scores indicate the community lacks capacity in the area defined by the domain. Higher scores are interpreted as indicative of higher levels of capacity.

Since this “capacity score” was derived from the opinion of a small number of key informants, it is reflective only of the collective belief or opinion of the Blueprint Team members about the level of capacity that exists within the designated Blueprint Community. Survey results are used to supplement the more objective quantitative data related to community capacity when such data is available.

Appendix B - Framework for Assessing Community Capacity

<i>Capacity Domains (Areas of Influence)</i>	<i>Indicator Areas</i>
<i>Human Capital</i>	
1. Health and Well-Being of Local People	1(a) Healthy People 1(b) School Readiness 1(c) Educational Attainment & Access 1(d) Community Safety 1(e) Family Stability 1(f) Economic Security
2. Skills, Knowledge, and Ability of Local People	2(a) Using Skills, Knowledge, Abilities 2(b) Enhancing Skills, Knowledge, Abilities 2(c) Citizen Engagement 2(d) Data-driven Decision Making
<i>Social Capital</i>	
3. Relationships and Interpersonal Communication	3(a) Shared Values 3(b) Participation 3(c) Internal Connectedness 3(d) External Connectedness 3(e) Trust 3(f) Ability to Solve Problems
4. Community Initiative, Responsibility, and Adaptability	4(a) Shared Vision 4(b) Leadership 4(c) Planning 4(d) Building on Local Resources 4(e) Seeking alternative ways to improve 4(f) Sense of Hope
<i>Cultural Capital</i>	
5. Cultural Diversity and Quality of Life	5(a) Heritage 5(b) Arts 5(c) Recreation 5(c) Spirituality
<i>Financial and Manufactured Capital</i>	
6. Investments in Community and Financial Resources	6(a) Financial Investments 6(b) Local Financial Resources 6(c) Access to Outside Financial Resources 6(d) Resource Mobilization 6(e) Business Efficiency 6(f) Business Diversity 6(g) Cultivating Entrepreneurship 6(h) Community Resident Assets 6(i) Community Infrastructure <ul style="list-style-type: none"> - Housing - Facilities - Water/Sewer - Transportation - Communications
<i>Environmental (Natural) Capital</i>	
7. Sustainable, Healthy Ecosystems with Multiple Community Benefits	7(a) Air Quality 7(b) Water Resources 7(c) Biodiversity 7(d) Soil 7(e) Landscape (sense of place) 7(f) Ecosystem Knowledge and Appreciation

Appendix C

Data Sources and References

Data and information used within the community profile has been drawn from a wide range of secondary data sources. For purposes of the Blueprint Community Profiles, secondary data is defined as information and statistics collected by government agencies or private organizations that are useful in describing and measuring the defined domains or areas of influence of local community capacity.

A great deal of data is readily available through internet based websites and documents that are related to the defined domains of community capacity. Some of this data is readily available at the local community (municipality) level, some is available at the county level, and some is only available for regional or statewide areas. Some of the information referenced within the community profile is reported at the county level since that is the geographic unit of analysis that is generally available to the public. Local communities also operate within the larger context of the county in which they are located. Thus, county level data is often useful in providing measures of local capacity and community conditions. In cases where the designated Blueprint Community is a town or city, information is reported for that smaller geographic area when the specific small area measure could be obtained.

Over fifty data sets were reviewed in order to identify relevant measures that would provide local Blueprint Teams with meaningful information about their community. The information compiled within the profile paints a portrait of current community conditions and provides guidance for planning and priority setting. Since the data profile is organized under seven areas of influence (or domains) that collectively define community capacity, the profile also provides some level of insight into specific areas (domains) where local capacity may need to be built.

Much of the information reported in the community profile is drawn from publicly available data sets published on the Internet by federal and state agencies. Local Blueprint Teams may wish to access one or more of these sites for further information or more detailed information about specific local issues determined to be an area of concern or identified as a priority for local planning. The community profile provided for use by the Blueprint Team is designed to provide a general overview of some of the more relevant measures of local conditions and community capacity. Once the Blueprint Team begins to focus on specific areas for community development, additional or more detailed information about that area may be useful. Therefore, the most useful and comprehensive data sites reviewed in developing these profiles are listed on the following pages with web addresses.

Federal Data Sites:

- United States Bureau of the Census <http://www.census.gov>
 - USA Counties – Provides many data sets from decennial census and annual estimates organized by county
Web address: <http://censtats.census.gov/usa/usa.shtml>
 - American Communities Survey – Provides data from the annual American Communities Survey for larger geographic areas. Data is generally not available from the ACS for rural counties and towns in West Virginia.
Web address:
http://factfinder.census.gov/servlet/DatasetMainPageServlet?_program=ACS&_submenuId=&_lang=en&_ts=
 - Consolidated Federal Funds Report – Provides information about a wide range of federal expenditures at state and county levels.
Web address: <http://harvester.census.gov/cffr/>
 - Quarterly Workforce Indicators – Provides current and recent information about economic indicators and employment by quarter (every three months).
Web Address: <http://lehd.dsd.census.gov/led/datatools/qwiapp.html>

- United States Department of Commerce Bureau of Economic Analysis – Provides detailed information about economic conditions, jobs, employment, labor markets, industry types, etc.
Web Address: <http://www.bea.gov/>

- United States Department of Labor Bureau of Labor Statistics – Provides information about labor markets, employment, occupations, economic conditions, etc.
Web Address: <http://www.bls.gov/>

- United States Environmental Protection Agency (EPA) Toxic Release Inventory – Provides detailed information about reported releases of toxic chemicals into the environment.
Web Address: <http://www.epa.gov/triexplorer/>

- Federal Deposit Insurance Corporation Call Reports and Thrift Financial Reports – Database of information about all FDIC insured Banks and Savings and Loans that contains detailed financial status reports by quarter.
Web address: http://www2.fdic.gov/call_tfr_rpts/search.asp

- United States Department of Agriculture National Agricultural Statistics Service – Data by county about farms and farm products.
Web address: http://www.nass.usda.gov/Census/Create_Census_US_CNTY.jsp#top

- Federal Bureau of Investigation Uniform Crime Reporting System – Local, state, and national statistics of crime.
Web address: <http://www.fbi.gov/ucr/05cius/>

State Data Sites:

- WV Department of Health and Human Resources - Bureau for Public Health; Health Statistics Center – Statistics related to births, deaths, marriages, divorces, etc.
Web Address: <http://www.wvdhhr.org/bph/oehp/vital04/index.htm>
- WV Department of Health and Human Resources – Office of Accountability and Management Reporting – Information related to recipients and expenditures for major social welfare programs.
Web address: <http://www.wvdhhr.org/oamr/DAMRreports.htm>
- WV Department of Health and Human Resources - Bureau for Public Health; Behavioral Risk Factors Survey Reporting – Results of the Behavioral Risk Factors Survey addressing wide range of health status and health behavior indicators.
Web address: http://www.wvdhhr.org/bph/oehp/BRFSS_2003/default.htm
- WV Coalition Against Domestic Violence – Statistics on prevalence of domestic violence in West Virginia.
Web Address: <http://www.wvcadv.org/>
- WV State Police Uniform Crime Reports – Statistics on crime in West Virginia.
Web address: <http://www.wvstatepolice.com/ucr/ucr.htm>
- Sex Offender Registry – Locations of known sex offenders in West Virginia.
Web address: <http://www.wvstatepolice.com/sexoff/websearchform.cfm>
- WV Department of Education – Wide range of information about educational facilities, performance, accountability, enrollment, expenditures, personnel, etc.
 - Report Card Data – Accountability indicators, testing data, graduation rates, etc. for every school in West Virginia.
Web address: <http://wveis.k12.wv.us/nclb/pub/rpt0506/pickreportcard.cfm>
 - West Virginia Education Information System – Detailed statistics for every school and county school district related to personnel, expenditures, facilities, enrollment, needy students, etc.
Web address: <http://wveis.k12.wv.us/>
- West Virginia Secretary of State Business Organization Information System – Searchable database containing information about types and numbers of businesses registered in West Virginia.
Web address: <http://www.wvsos.com/wvcorporations/>
- WV Department of Environmental Protection – Information about the environment including air quality, watersheds, waste sites, permits, etc. Information is provided on a regional basis.
Web address: http://www2.fdic.gov/call_tfr_rpts/search.asp

- WVDEP Enviromap Explorer – Interactive geographic information system containing environmental information for West Virginia regions and local areas including aerial maps (large files).
Web address: <http://gis.wvdep.org/>
- WorkForce West Virginia Labor Market Information – Information drawn from federal and state data sets related to workforce, employment, and economic conditions in West Virginia.
Web address: <http://www.wvbep.org/bep/LMI/default.htm>

Private Organization Data Sites:

- Universal Living Wage – Information about Fair Market Rents and household income levels necessary to afford housing.
Web address: <http://www.universallivingwage.org/>
- Scorecard – This website compiles a wide range of information related to environmental pollution, air and water quality, and other environmental information about counties and local communities in the U.S.
Web address: <http://www.scorecard.org/>

Compiled Data Sets and Profiles for Counties and/or Local Municipalities:

Local Area Data Sets:

- DataPlace - <http://www.dataplace.org/>
- EPodunk - <http://epodunk.com/>
- West Virginia Development Office State Data Center Profiles of WV places from 2000 Census - <http://www.wvdo.org/business/2000CensusProfiles.html>

West Virginia County Data Sets and Profiles:

- WorkForce West Virginia County Profiles - <http://www.wvbep.org/bep/LMI/CNTYPROF/DEFAULT.HTM>
- West Virginia Development Office State Data Center Profiles of WV counties from 2000 Census - <http://www.wvdo.org/business/2000CensusProfiles.html>
- West Virginia University Bureau for Business and Economic Research – County profiles of business and economic conditions. http://www.be.wvu.edu/bber/data_profiles.htm