

SECTION 1 - POPULATIONS AT RISK

A. Demographics

- 1) Putnam County is located in the Hudson Valley region, 50 miles north of Manhattan, north of Westchester County, south of Dutchess County, bordered on the east by Fairfield County, Connecticut and on the west by the Hudson River.

The county is rural/suburban in nature; there are no real urban centers. The county contains large park areas and large areas are set aside as part of the New York City watershed and reservoir system. This extensive uninhabited area effectively divides the two (2) population areas. On the west, the town of Philipstown with its small connected villages of Cold Spring and Nelsonville lies along the Hudson River. The major artery on this side of the county goes north and south and leads the population to services and resources outside the county.

The east side of the county has the largest population in the towns of Southeast and Carmel which includes Mahopac. Outside of the small villages of Carmel and Brewster, the landscape is largely suburban. The major roads, US 84 and US 684, are primarily north and south. Route 6 connects the two towns and then exits into Westchester County. Route 22 runs north and south through Putnam County from Dutchess to Westchester counties on the east side of the County. The last three (3) towns, Patterson, Kent and Putnam Valley are rural/suburban in character. Some parts of each of these towns can be quite remote.

Population

From 1980-1990, the county grew by 6,778 persons from 77,193 to 83,941 for a growth rate of 8.7. The total population in 1996 has been estimated differently. The New York State Department of Health estimates 1996 total population as 88,700. The Empire State Development Center estimated the population in that year as 90,983. In 7/1/98, the estimated population by the same group was 92,382 for a growth rate of 10.06 since 1990. This makes Putnam County the fastest growing county in the state. The Mid-Hudson region has a growth rate of 3.54. The Development Center projects continued growth, in the year 2000 to 91,800 and in the year 2005 the population will have grown to 95,200. Estimates of the population in the various towns shows that growth has been most rapid in the towns of Kent, Patterson and Southeast on the eastern side of the county.

Carmel	31,027		
Kent	14,594		
Patterson	9,473		
Philipstown	10,018	Cold Spring Village	2,065
		Nelsonville Village	644
Putnam Valley	9,489		
Southeast	16,382	Brewster Village	1,651

A. Demographics

2a Population by Age & Sex &b)

The largest number of the population is between 35-59 years of age, but the number in that age group has fallen slightly (1980-25.3%, 1990-30.8%, 1996 est.-27.7%). The percentage of persons over the age of 65 years has stayed quite stable at 9.1 (est. 1996) (1980-9.5%, 1990-9.0%). The largest number of elderly are found in Carmel, the largest percent of elderly in a town's population is found in the Village of Cold Spring probably due to the presence of a HUD supported senior citizen's residential complex located there.

Population by Age - 1996

0- 4	6731	30-34	7628	65-69	2272
5- 9	6922	35-39	8521	70-74	2061
10-14	6235	40-44	8541	75-79	1800
15-19	5559	45-49	7571	80-84	1194
20-24	4896	50-54	3620	85+	830
25-29	5947	60-64	2744		

Population by Age - 1996 Percent of Population

0- 4	7.6	30-34	8.6	65-69	2.6
5- 9	7.8	35-39	9.6	70-74	2.3
10-14	7.0	40-44	9.6	75-79	2.0
15-19	6.3	45-49	8.5	80-84	1.3
20-24	5.5	50-54	6.3	85+	0.9
25-29	6.7	60-64	3.1		

Putnam females of childbearing age (15-44) represent 46.1 of the estimated female population in 1994. It should be noted that the percent of children under the age of 19 (28.7%) is the highest in the Hudson Valley region and the percent of persons over 65 (9.1%) is the lowest in the same region. There is a slight bulge in population in children under 14 years of age. Children 0-4 make up 7.6% of the population, 5-9 years are 7.8%, 10-14 are 7%. At ages 15-19 years old the percent drops to 6.3%.

The sexes are divided very evenly. In 1996, it was estimated there were 476 more males than females.

A. Demographics

2c) Population by Race/Ethnicity

Estimates of population in 1997 show that Putnam County remains overwhelmingly white (94.25) with small percentages of black (1.03) and Hispanic (3.25). An estimate of the growth in population by the New York State Department of Economic Development states that in numbers and not percents, blacks increased from 869 to 990 persons between 1990 and 1994, Asians from 774 to 1,028 persons and Hispanics from 2,277 to 2,873 persons.

Despite the small numbers, the non-white population has grown. The largest growth has been in the Hispanic population in the town of Carmel (includes Mahopac) and in the Village of Brewster in the town of Southeast. All racial/ethnic populations showed growth in this estimate (Putnam County was one of a few that showed a rise in the white population). Whites grew 8.23%, blacks-31.7%, Asians-61.8%, and Hispanics-79.2%. In the 1990 census persons of Hispanic origin were identified as primarily from Mexico and Puerto Rico. A survey of the Hispanic community in 1998 by the Putnam Latino Alliance indicates the Hispanic population is growing significantly with arrivals from Guatemala, Ecuador and other countries in Central America.

Distribution of population by racial/ethnic origin in the various townships is suggested by enrollment figures at area schools. Figures of 1996-1997 show that the percent of blacks in the schools has varied since 1990 with no clear trend. The number of Hispanic students has grown in the Brewster schools from 3.9 to 4.9% of the school population and in the Carmel schools from 3.3 to 3.7%.

2d) Population by Socio-Economic Status

Socioeconomic status is technically a mathematical combination of two (2) factors, income and educational attainment. Since birth certificates do not include income data, the educational level recorded on the certificate may serve as proxy for the entire socio-economic status component. Estimated data derived from the 1990 census in 1995 shows that 36% have a Bachelor-s degree or higher.

In 1995, the Putnam County Planning Department released information about income levels in the various towns based on 1990 census statistics. The highest median incomes (63,496 and 59,677) were found in census tracts in the town of Mahopac. Other areas of high median income were found in the town of Garrison in Philipstown (58,103) and northern Putnam Valley (58,635). The lowest median incomes were found in Cold Spring in the town of Philipstown (36,836) and Putnam Lake in the town of Southeast (45,511). The median income in the County of Putnam was 53,634.

Putnam County-s per capita income of 28,914 in 1995 places the county as fifth (5th) in rank in New York State. The percent of the state average was 104.9.

A. Demographics

2d) Population by Socio-Economic Status (Continued)

Median Income by Townships

Patterson	48516.5	Putnam Valley	54199.5
Kent	51364.3	Carmel	58204.0

Participation in Public Assistance

A report from the New York State Department of Health of 1996 data shows that 9802 or 1% of Putnam County residents were eligible for public assistance services.

Only 3179 or 32% of that number or 4% of the total population were enrolled in Putnam County Department of Social Services.

As of June 1997, there were 2361 Medicaid recipients in Putnam County. (This number includes SSI population). This number represents 2.5% of the population.

Recipients were distributed about the county as follows:

Southeast	494	
Carmel/Mahopac	1212	(Including Kent)
Philipstown	214	
Patterson	238	
Putnam Valley	203	

Statistics regarding the number of persons with no or inadequate health insurance are more difficult to gather. Exactly half of the persons enrolled in Putnam County Mental Health day treatment programs were uninsured (the rest received Medicaid).

Enrollment in Child Health Plus is also an indicator of low income although above poverty level and Medicaid eligibility. In July 1997, there were 485 children enrolled in the program, an increase of 29% over July of 1996.

Economic need is also suggested by a survey of persons presenting for assistance to the Putnam County Community Action Program. In the third quarter, 10/01/97 to 07/29/98, 1636 persons from 580 households requested assistance. Level of poverty of each family was assessed.

Up to 75% of poverty	286
76-100	109
101-125	65
126-150	37
151&over	83

Of the 286 families at 75% or below, 84 were at 0%, 27 at 25% and 68 at 50%.

5

A. Demographics

2d) Population by Socio-Economic Status (Continued)

Reported sources of income included:

DSS Programs (AFDC, etc)	140 families
SS & SSI	222
Employment	173

In the same survey, 1266 of the 1636 persons (77%) reported having no health insurance.

A survey of prenatal women presenting to WIC for nutritional support indicated that

53% (N-55) had Medicaid or Medicaid Managed Care, 38% (N-40) had private insurance and 7.6% (N-8) had no insurance.

Household Structure

Family structure is related to socio-economic status (SES) in that single parent families are often in poverty due to the fact of a single income and/or lack of support from the absent parent. The traditional picture of husband-wife headed families is overwhelmingly the pattern in Putnam County with 87.3% of the households. Households headed by a single female far outnumber the households headed by a single male.

2e) Employment and Unemployment

In Putnam County, the rate of unemployment as defined as the number of unemployed divided by the number of employed plus the number of unemployed was 2.9%, the lowest in New York State.

Estimates based on 1990 census data in New York State indicate that the 1997 Civilian labor Force (those over 16 years) was 53,200.

In 1996, there were 2036 business establishments in Putnam County. The largest business sectors were services (867), retail (559), construction (422). However, major employers of the largest number of persons are school districts, the Putnam County government, and the Putnam Hospital Center.

Most worksites are relatively small. Only two (2) employers have more than 500 employees. 70 percent of the businesses have only 1-4 employees. In terms of health insurance coverage, small businesses with few employees are the least likely to provide comprehensive health insurance.

As a rural/suburban county with no urban center, most people commute to work, most by car. 5840 commute to the New York City area, 19,564 to Westchester County and 2586 to Connecticut. Approximately 24% of the labor force live and work in Putnam County.

A. Demographics

2e) Employment and Unemployment (Continued)

Participation in WIC

WIC is a federally funded program for Women, Infants and Children. It supplies supplemented foods, nutrition education and counseling and health care referrals to low income pregnant and lactating women and to infants and children under 5 years of age. Women and children at or below 185% of poverty level are eligible. The

caseload for the program was 568 in August 1998. At present, it is estimated that the program is serving approximately 60% of the WIC eligible population in Putnam County.

2f) **Education**

Six public school districts serve Putnam County. Several non-county districts have territories that overlap county boundaries. The Northern Westchester Board of Cooperative Extension Services (BOCES) provides high school students with vocational education in a variety of fields. There are no institutions of higher education within the County. However, there are a number of colleges and universities in neighboring counties or in Connecticut which serve Putnam County residents. In addition, some of those institutions provide classes at in-county venues for both matriculated and non-matriculated students.

2g) **Housing**

The largest number of Putnam County residents live in single family housing. In 1990, most houses were valued between 100,000 and 400,000 dollars with the largest number between 175,000 and 250,000 dollars. In the second quarter of 1998, the median value of a home in Putnam County was 223,867 which was a 14.4% increase in 1 year. Of the 31,896 residential structures in 1990, 22,997 were owner occupied and 4,097 were renter occupied.

Of the 1990 numbers of housing units, 20,940 were built before 1970 and 26,234 before 1980. 10,038 were served by public or private water systems and 21,511 by dug or drilled wells. To date, none of the public or private water systems have fluoridated water. 5,548 homes are linked to public sewer systems and 25,830 to septic tanks.

7

A. **Demographics**

3) **Natality**

It should be noted that the number of births that occur outside the state limits Department attempts to conduct surveillance, followup and outreach to newborns in Putnam County. This is especially problematic since the closest NICU and the closest prenatal clinic to the largest population areas in Putnam County is in Danbury, Connecticut.

The pregnancy rate in Putnam County of females of child bearing age (15-44 years) in 1994-96 was 70.3 per 1000 women In that age group. This was the lowest

pregnancy rate in the region and well below the New York State rate of 98.4. The Putnam County rate is in the lowest half of rates in the New York State counties.

In Putnam County, the total live birthrate as defined as the number of births/1000 population in the female population aged 15-44 years, was 61.7 (average annual number of births - 1258). This rate is slightly, but not significantly, lower than the Hudson Valley region rate of 64.6 and the New York State rate of 64.3.

Natality Related to Age

Births to adolescents and teens are very low and in most instances the lowest in the State.

In 1994-96, births to adolescents 10-17 were 0.6% based on the population of females 10-17. The regional rate was 2.2 and New York State rate was 3.7. From this is calculated the annual average number of births to this population of 7.3 cases. Births to teens 15-17 based on the same population were 0.6% in Putnam County, 2.1% in the Hudson Valley region and 3.5% in New York State. Again this rate is the lowest in New York State. There were no births to children 10-14 years old. Older teens had slightly higher rates but were still the lowest in the State. 15-19 year old females in Putnam County had a rate of 8.8% as compared to a regional rate of 28.6% or a New York State rate of 43.6. In the 18-19 year olds the rate rose to 18.8% in Putnam County compared to 49.5% in the region and 67.1% in the State. This birth rate in 15-19 year old girls is an increase in the Putnam County rate from 3.0 in 1992. Most births occurred to women 30-34 years of age, 86% to women 25-39 years.

Natality Related to Race

In 1996 the total number of births was 1282, whites comprised 1242 or 96%, blacks - 0.01%, Hispanic - 0.05%, other - 0.02%.

A. Demographics

3) Natality (Continued)

Complications Surrounding Natalty

Several indicators regarding pregnancy outcomes should be reviewed.

For best birth outcomes, prenatal care should be commenced in the first trimester. In 1994-96, 84.8% of the women sought care in the first 12 weeks of pregnancy. This statistic has worsened since 1991 when 92.4% of women sought early

antepartal care. This 1994-96 rate compares to 73.4% of women entering prenatal care in the region and 69.3% in New York State. Putnam County's rate is the second highest in the State.

Late entry into prenatal care or no prenatal care is a concern often leading to poor birth outcomes. The Putnam County rate is 2.3, the lowest in the State.

Babies born at under 2500 gms are referred to as low birth weight; this rate was 5.3% in Putnam County as compared to 6.4 in the Hudson Valley region and 7.7 in New York State in 1994-96. This annual average number of 66.6 LBW births placed Putnam County in the bottom 20% of New York State counties. Babies born at under 1500 gms are referred to as very low birth weight. The rate in Putnam County for this birth condition in 1994-96 was 1.2%, the same as the Hudson Valley regional rate and slightly lower than the New York State rate of 1.5. The average annual case rate is 14.6. This statistic places Putnam County in the middle of New York State counties in terms of incidence rate. Another condition is shortened gestation defined as under 37 weeks. In 1994-96, the Putnam County rate is 8.6, the regional rate is 9.5 and the New York State rate is 10.9. There are 106 cases on an average annually. This places Putnam County in the lowest 25% in New York State. All three rates of LBW and VLBW have increased slightly since 1991.

The rate of induced abortions per 1000 live births is also very low. The Putnam County rate is 133.8 as compared to 295.5 in the Hudson Valley region and 521.3 in New York State. The rate is in the lowest 10% of New York counties. The rate of induced abortion has declined from 152.5 in 1992. Of the total number of abortions in 1996 (150), forty one (41) were in women 20-24 years of age, 45 were in young women 15-19 years of age.

In 1994-96, the number of out of wedlock births was 264 for a rate of 7.8%. This is the lowest rate in New York State, well below the regional rate of 22.1 or the New York State rate of 38.4. The rate has remained about the same as in 1992 when it was 7.9%.

A. Demographics

4) Morbidity

Morbidity in Putnam County must be assessed by looking at the case incidence rates for certain indicators, diseases or condition.

In children indicators include asthma, gastroenteritis, pneumonia, and otitis media.

Children hospitalized with a diagnosis of asthma ages 0-4, increased in the years 1994-96 from 5 cases in 1994 to 17 cases in 1996. The three year rate/100,000 children of that age was 174.8 as compared to 312.7 for the region and 862.4 for New York State. Slightly older children aged 5-14 years were hospitalized in increasing numbers in those years as well, 6 in 1994, 7 in 1995, and 14 in 1996 for a 3 year rate of 70.0. This compares to a regional rate of 131.9 and a New York State total of 356.66.

The numbers of children hospitalized with gastroenteritis ages 0-4 were very small in Putnam County. The 3 year rate 1994-96 was 24.3 as compared to 122.6 for the Hudson Valley region and 152.2 for New York State.

The statistics on otitis media are similarly low. Children 0-4 were hospitalized at a rate of 53.4/100,000 as compared to 63.8 in the Hudson Valley region and 147.1 in New York State.

The rate for pneumonia in children ages 0-4 was also less than in the rest of New York State. The rate in Putnam County was 208.8 for years 1994-96, in the Hudson Valley region 340.5 and 632.6 in New York State.

Morbidity in adults is also judged by certain disease indicators which are in some cases, gender specific.

Colorectal Cancer in males in 1990-94 in Putnam County occurred at a rate of 52.1/100,000 as compared to a New York State rate of 51.1 for an average Putnam County rate of 18.8 cases/year. Putnam County females were afflicted at a rate of 31.7 as compared to a New York State rate of 37 and at an average of 15 cases/year. A combined rate of colorectal cancer (men and women) was 43.4 in Putnam County in 1997. The regional rate was 56.4, the New York State rate was 58.7. The annual average number of cases was 37.2. The Putnam County rate was the lowest in the State.

The Colon Cancer rate excluding the rectum in males for the same time period was 36.7 compared to a New York State rate of 40.0 and an average annual number of cases of 13.2. In females with the same diagnosis, the rate was 24.2 as compared to a New York State rate of 30.7 and an average annual number of cases of 11.4.

10

A. Demographics

4) Morbidity (Continued)

Cancer of the lung and bronchus is also an indicator in men and women. The morbidity rate (cases/100,000) for males in Putnam County 1990-94 was 72.7, the New York State rate was 82.6 for an average annual rate of 26.2. In females, the Putnam County rate was 44.1, the New York State rate was 45.6. The average annual rate in Putnam County was 19. In 1997, the rate for men and women combined was 52.9, for the Hudson Valley region was 65.6, for New York State it was 67.2. The average annual number of cases was 45.4. The rate was the second lowest in New York State.

Gender specific diagnoses include prostate cancer in men and cancer of the breast and cervix/uterus in women.

The rate for prostate cancer in men was 95/100,000 which compares to a New York State rate of 118.5 and an average annual number of cases of 33.6.

Breast cancer in women occurred at a rate of 91.5 in 1990-94, the New York State rate was 104.9. In 1997 the rate in Putnam County was 97.5, the regional rate was

128.8, the New York State rate was 126.1. This rate was in the lowest 10% of counties in New York State.

In 1997 the rate in Putnam County for Cancer of cervix/uterus was 10.3 cases/100,000, the rate for the region was the same (10.3) and for the State was 12.1.

5) **Mortality**

In 1996 there were a total of 538 deaths in Putnam County. Age distribution is noted below:

<1	6	25-29	2	55-64	57
1- 9	1	30-34	6	65-74	118
10-14	0	35-39	91	75-84	136
15-19	4	40-44	9	85+	137
20-24	10	45-54	43		

Deaths according to disease category are as follows:

In cancer in males, Putnam County rates are less than New York State rates in each of four (4) instances.

11

A. **Demographics**

5) **Mortality** (Continued)

	<u>PC Rate</u> <u>Cases/100,00</u>	<u>NYS Rate</u>	<u>Average</u> <u>Annual #</u> <u>Of Cases</u>
Colorectal Cancer	21.3	25.1	7.4
Colon Cancer Excluding Rectum	16.1	16.1	5.6
Lung and Bronchus	66.1	69.6	23.4
Prostate Cancer	23.9	25.3	8.2

In female cancers, Putnam County rates were slightly over the New York State and regional rates except for Breast Cancer.

<u>PC Rate</u> <u>Cases/100,00</u>	<u>Regional</u> <u>Rate</u>	<u>NYS Rate</u>	<u>Average</u> <u>Annual #</u> <u>Of Cases</u>
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Lung Cancer in Females	41.8		35.5	18.0
Cervical Cancer	3.8	2.7	2.8	2.0
Breast Cancer	30.8	38.0	37.6	13.4

The Breast Cancer rate was below the New York State and regional rates and in the lowest 1/10 of New York State counties.

Some of the mortality statistics are noted without gender distinction.

	<u>PC Rate</u> <u>Cases/100,00</u>	<u>Regional</u> <u>Rate</u>	<u>NYS Rate</u>	<u>Average</u> <u>Annual #</u> <u>Of Cases</u>
Colorectal Cancer	17.2	25.6	25.3	15.0
Oral Cancer	2.3	2.7	2.7	

The Putnam County rates are below the regional or state rate and in the lowest quarter of all New York State counties.

Lung Cancer for both sexes	50.4	54.9	54.0
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This rate is in the lowest 1/10 of all New York State counties.

A. Demographics

5) **Mortality** (Continued)

Deaths due to other causes includes:

	<u>PC Rate</u> <u>Cases/100,00</u>	<u>Regional</u> <u>Rate</u>	<u>NYS Rate</u>	<u>Average</u> <u>Annual #</u> <u>Of Cases</u>
Diabetes Mellitus	16.1	16.1	19.0	11

This rate is in the lowest 2 of New York State counties.

Cirrhosis of the Liver	8.0	8.9	9.7	6.3
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The rate is below the regional and New York State rates but in the top 2 of New York State counties.

COPD	30.0	36.3	32.9	19.0
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This is among the lowest rates in the State.

Cardiovascular Disease	357.2	365.8	398.2
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This rate is in the lowest 20% in New York State counties.

Diseases of the Heart	297.3	301.0	335.3
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This rate is about the middle of New York State Counties.

Cardiovascular Accidents	43.8	46.6	43.3
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Diseases of the heart was the largest category with a rate of 215.3, cancer followed with 179.3.

A. Demographics

5) Mortality (Continued)

Deaths due to injury either intentional or unintentional is another category.

Suicide in Putnam County residents aged 15-19 occurred at a rate of 12/100,000 which was twice the regional rate of 6.0, and above the New York State rate of 7.0. Putnam county is one of the top 1/3 counties with high teen suicide rates.

The suicide rate among residents of all ages was 10.6, higher than the Hudson Valley regional rate of 7.9 and the New York State rate of 8.1. Putnam County's rate places it in the upper 50% of all counties in incidence.

The homicide rate is low, a 2.8 county rate as compared to a 4.1 regional rate and a 9.2 New York State rate.

The death rate due to motor vehicle accidents is very high, double the New York State rate and in the top 10% of New York State counties. The Putnam County rate is 16.2, the Hudson Valley regional rate 8.1, and the New York State 6.9 for an average annual rate of 11.8 deaths.

Deaths in infants and mothers is always an area of concern.

The maternal mortality rate/100,000 live births was 0 in the years 1994-96. This was below the regional and New York State rates. Forty six (46) of the other counties (all upstate and outside of New York City) had a nil rate.

Spontaneous fetal deaths (deaths at over 20 weeks gestation per 1000 live births) had a rate of 6.1 in Putnam County as compared to 5.9 in the region and 8.4 in the State. The rate places Putnam County in the middle of New York State counties.

The infant mortality rate (deaths under 1 year) was 5.6, the regional rate 5.9 and the New York State rate 7.4. Putnam County's rate is in the lowest 1/3 of New York State counties.

The neonatal mortality rate (deaths under 28 days) was 3.7, the regional rate 4.0 and the New York State rate 5.1. Again, Putnam County is in the lowest 2 of New York State counties.

The post neonatal mortality rate (deaths over 28 days but under 1 year) was 1.9, the same as the regional rate and below the New York State of 2.3. This rate is at the middle of other county rates.

14

A. Demographics

5) Mortality (Continued)

Other Mortality Figures

Deaths in early childhood (ages 1-4) were very low, the rate of 6.0 per 100,000 residents was the third lowest in the State. The regional rate was 30.4 and the New York State rate was 35.9.

Deaths in childhood and early adolescence (ages 5-14) were higher, at 18.1. This rate was above the regional rate of 15.6 but below the New York State rate of 19.4. The Putnam County rate was in the upper 50% of New York State Counties.

Deaths in adolescence and young adulthood (ages 15-19) were 90.2, considerably higher than the regional rate of 53.0 and the New York State rate of 63.9. This rate was the sixth highest in the State.

A. Demographics

6) Demographic Data Via Zip Code, etc.

Latinos in Brewster

A problem which focused the Putnam County Health Department on a target population and geographic area was an outbreak of rubella in 1998. This was an extension of an outbreak in Westchester and Fairfield County, Connecticut among Hispanic especially men. Outreach into the community indicated that this population lives primarily in the village of Brewster and the town of Southeast with a smaller population in Mahopac. The population is largely uninsured. In addition to providing emergency clinics to provide MMR vaccine, the Health Department undertook a survey of the community under the auspices of the newly formed Putnam Latino Alliance and with the help of a Spanish speaking graduate student and CDC outreach worker. Interviews were conducted on the street, at the time of prayer meetings held for Latinos at a community church and at the rubella clinics. Numbers are hard to estimate but the profile that resulted from the survey indicated that most arrivals since 1990 have been single Guatemalan males between the ages of 20-29. The individual has lived in Putnam County for from 1-5 years and works as a manual laborer (probably construction or landscaping). He does not speak English but would like to learn. He is relatively healthy and has not missed work due to illness in the past 5 years. Should he become ill, he will go to a private medical doctor, the emergency room of a local or nearby hospital or a pharmacy. Providers of service to this population were also surveyed. The Putnam County Department of Social Services reports 35-40 active cases in the Medicaid unit at any one time. These are mostly women receiving prenatal care and women and children but also includes 4-5 who are covered under "Treatment for an Emergency Medical Condition". Literacy Volunteers of America reports 39 adult Latinos and 157 students learning to speak English. The Putnam County Health Department WIC program reports a significant increase in Latino clients. The 63 Latino women, infants and children in the program 01/01/98 - 06/30/98 represents 10.5% of total

WIC enrollment. It might be predicted that the growth of the Latino population in Putnam County is mimicking the pattern which has already occurred in nearby Westchester County. According to the 1990 census, the percentage of Latinos residing in Westchester County increased 89%. Predictions are that Hispanics will make up 18% of Westchester County's total population by the year 2000 and 24% by the 2020. A profile of the Hispanic community in Westchester County (1990) indicates that 16% live below the poverty level.

A. Demographics

7) Other Relevant Demographic Data

There are a number of physical or geographic features about Putnam County which impact upon health issues for residents:

There are several highspeed arteries traversing the County carrying commuter traffic to and from Putnam County or through Putnam County. These are Route 9 on the west which alternates between 2 and 4 lanes but has not limited access, Route 22 on the east side of the County is also a north-south route which alternates between 2 and 4 lanes but is not limited in access, Route 84 which crosses the northern part of the County east to west and is a high speed 4 lane divided highway, and 684 which dips south from the eastern terminus of Route 84 and proceeds into Westchester County.

Other major roads in Putnam County, Route 9D, Route 6, and Route 301, which are main transportation routes, are 2 lanes. These roads are very overcrowded and poorly designed. There is no limit on access so cars pull out onto these heavily traveled routes sometimes without warning.

The rural/suburban nature of the county means that the population lives in close contact with wildlife. Due to the large deer and mouse population, Lyme Disease continues as an endemic problem. Rabies is also endemic in the County.

A significant percent of the housing stock was built before 1960 and thus poses a risk or potential risk for lead poisoning for workers and for children especially if homeowners who choose to do renovation work on their own while the family continues to occupy the house. Note that applications for house additions rose 69% between 1996 and 1997.

Water supplies are in large part unregulated. Most homeowners have private wells which are unregulated. Public water supplies are in cases reliant on lake water. All public water supplies are in compliance with codes but potential problems are possible with current reliance on surface waters. Also, none of the public water

supplies are fluoridated so no children in Putnam County are given the advantage of the dental protection of fluoridation.

The rural nature of the County also means that the County has a large summer camp population. There are eight (8) overnight and sixteen (16) day camps in the County which are potential sites for injury and communicable disease outbreak.

SECTION 1 - POPULATIONS AT RISK

B. Access to Care

1a) Hospitals

Putnam Hospital Center

The Putnam Hospital Center, located in the east side of the county which is the population center, is a 164 bed hospital offering the usual medical and surgical care. It also has special units such as a 12-bed outpatient renal dialysis unit, a 20-bed inpatient psychiatric unit, and a Certified Home Health Agency with Long Term Care Program "Nursing Home without Walls".

The emergency room provides 24 hour coverage.

The nearest trauma unit is at Danbury Hospital, Danbury, Connecticut or Hudson Valley Hospital Center in Peekskill, New York, a level II unit. The hospital provides no clinic services but does provide an outpatient Partial Hospital Program for mental health services.

Putnam Hospital Center has an active Patient Education Department sponsoring health fairs and screenings, support groups, speakers bureau, safety and other trainings, wellness classes, and child birth and parenting courses. Putnam Hospital Center provides charity and unreimbursed care. Construction has begun on a new Birthing Center.

Location: Stoneleigh Avenue
Carmel, New York

Fees: Set Fee, Third Party, Medicare, Medicaid, free or subsidized care as determined through Hill-Burton and Charity Care Guidelines.

Other hospitals serving the Putnam County community include:

Northern Westchester Hospital Center

This is a 235-bed facility offering full medical and surgical care. Special services include a Wound Care Center and a Level II Nursery. Prenatal clinics are

offered and a Latino Mothers Support Group as well as a Breast Feeding Resource Center.

Location: 400 East Main Street
Mt. Kisco, New York
Westchester County

Fees: Set Fee, Third Party, Medicare, Medicaid, free or subsidized care.

Northern Westchester Hospital Center provided care to a total of 7132 persons in 1997, 1201 inpatient, 4784 outpatient and 1147 for E.R. services. Most persons were from Mahopac (2613), Brewster (1639) and Carmel (1506).

18

B. Access to Care

1a) Hospitals (Continued)

Hudson Valley Hospital Center

The hospital is a 120-bed hospital with the usual medical/surgical services and is adjacent to the Garrison/Cold Spring/Philipstown areas as well as southern Mahopac and Putnam Valley. It has a Level II Trauma Center in the Emergency Department, and a Prompt Care Service offering a fast track for minor problems.

The hospital also has an in-hospital birthing unit, and a free-standing birth cottage. It offers outpatient cardiac and pulmonary rehab services, free screenings and wellness programs to the community and is affiliated with the Joslin Center for Diabetes at another site in northern Westchester County and the Prompt Care Center in Cold Spring, Putnam County. Total Putnam County patients seen in the hospital in 1996 was 1257 or 17% of the inpatient population.

Location: 1980 Crompond Road
Cortlandt Manor, New York
Westchester County

Fees: Set Fee, Third Party, Medicare, Medicaid, free or subsidized care.

Vassar Brothers Hospital

The hospital is used by residents of Cold Spring, Nelsonville and northern Philipstown. It is a 315 bed hospital with Emergency Room and all other medical and surgical services.

Location: Reade Place
Poughkeepsie, New York
Dutchess County

Fees: Set Fee, Third Party, Medicare, Medicaid, free or subsidized care.

B. Access to Care

1a) Hospitals (Continued)

Danbury Hospital

Danbury Hospital is a 371-bed facility located in Danbury, Connecticut which serves some Putnam County residents, especially from the eastern side of the County. It is a teaching hospital and offers tertiary care and clinic services for low income persons with or without insurance. The hospital and clinics accept New York State Medicaid and many of the Medicaid recipients receive care there. Services include a NICU, and a Level II Trauma Center.

Location: Hospital Avenue
Danbury, Connecticut

Fees: Set Fee, Third Party, Medicare, Medicaid, free or subsidized care.

Westchester County Medical Center

The Westchester County Medical Center also offers tertiary care and clinic and Medicaid services to Putnam County residents who require Medicaid services or advanced diagnostic and medical treatment.

Location: Valhalla, New York
Westchester County

Fees: Set Fee, Third Party, Medicare, Medicaid, free or subsidized care.

Access to any of these facilities requires a car or emergency transport. None are close to public transportation.

1b) Clinics

The Peekskill Area Health Center (PAHC) is an independent Ambulatory Health Care Center in Peekskill (Northern Westchester) serving around 20,000 patients yearly. Besides primary and some specialty care, the center offers an outpatient treatment program for alcohol and substance abuse. Confidential HIV testing is available and a WIC program is sponsored. The PAHC also has outpatient primary care services at the Community Health center in Beacon (Dutchess County) which is accessible to persons in western Putnam. The center accepts third party, Medicare, Medicaid and has a sliding fee scale.

B. Access to Care

1b)Clinics (Continued)

The Ossining Open Door is an Ambulatory Family Health Center offering all primary care services in Ossining, New York in mid-Westchester County. It accepts third party, Medicare, Medicaid and has a sliding fee scale. Many of the employees speak Spanish so despite the difficulty in accessing services due to a complicated public transportation system, many Latinos from Putnam County go to the Center.

There are no clinics providing the full range of primary care in Putnam County. Persons requiring clinic services go to the above or: 1) Danbury Hospital; 2) Westchester County Medical Center; 3) Northern Westchester Hospital Center (for prenatal clinic services).

1c)Private Providers

There are 190 physicians providing primary and specialty care connected with the Putnam Hospital Center. Most of them have offices in Putnam County. Two hundred sixty three (263) physicians are connected with Hudson Valley Hospital Center, 496 with Danbury Hospital and 485 with Northern Westchester Hospital.

1d)Physical and Financial Access

Access to Health Care Providers and Facilities is almost wholly by private car or emergency services. There is a county bus line with an extremely limited service in terms of area served and times of service. Putnam Hospital Center and many of the medical doctors' offices are served by only one (1) bus line so to go there might require two (2) separate loops on the bus.

Bus service to the Health Department is on Tuesday and Thursday only on an on-call basis. Health Department and WIC clinics are offered on those days to assist potential clients. The Cost is \$1.25 for a one-way fare. There is no bus service to Danbury Hospital, the Peekskill Area Health Center or Hudson Valley Hospital Center.

There are few taxi services. Charges vary by length of trip but can be quite high due to the geographic spread of housing in the County.

Some Latinos in Brewster have found health care in Westchester County by utilizing the train from Brewster to Mt. Kisco and, in some cases, by using the Westchester County Bus System, or to Ossining on the other side of that county to attend

Ossining Open Door where there are a number of providers speaking Spanish.

Financial access to providers is limited as relatively few with offices in Putnam County take Medicaid. There are 52 total number of providers in Putnam County who accept Medicaid, of whom 10 are primary care providers for adults and 7 are pediatricians.

21

SECTION 1 - POPULATIONS AT RISK

B. Access to Care

2) Utilization of Preventive Care

The New York State Behavioral Risk Factor Survey regularly asks persons about their health practices and measures that they take to avoid illness. Questions include those regarding:

- 7 Adults over 18 years of age who have regular and sustained physical activity described as 30 minutes or more per session 5 or more times per week.

In 1992 - 17.9% engaged in such activity, in 1996 - 20%, and in 1997 - 19%.

- 7 Adults over 18 years of age who have had their cholesterol checked in the last five (5) years.

1990 - 65.2%, 1995 - 72.7%, 1997 - 72.7%.

- 7 Adults over 18 years of age who have had their blood pressure checked in the last two (2) years.

1991 - 95.2%, 1995 - 95.7%, 1997 - 94.8%.

- 7 Adults over 50 years of age who have had colorectal screening.

1996 - 39%, 1997 - 44.4%.

- 7 Adults 65 years of age and over who have received pneumonia vaccine.

1993 - 22.9%, 1997 - 38.9%.

- 7 Received Flu vaccine.

1993 - 45.9%, 1997 - 64.5%.

- 7 Adults 18 years of age and over who use sunscreen.

1993 - 64.6%, 1997 - 66.6%.

- 7 Women over 18 years of age who have had a paps smear in the last 3 years.

1991 - 87.5%, 1992 - 79.8%, 1996 - 82.9%, 1997 - 87%.

- 7 Women over 50 who have had a clinical Breast examination and mammography in

the past 2 years.

1990 - 58.%, 1996 - 72.9%, 1997 - 74.6%.

B. Access to Care

2) **Utilization of Preventive Care** (Continued)

In Putnam County, Preventive care utilization is encouraged through various programs. Interest and participation in the programs suggests local interest in preventive care.

The Breast Health Partnership Coalition has assisted over 500 low income women in the last 4 years to have a mammographic screening and clinical breast examination. The coalition's scope had expanded to cover cervical screenings and now has expanded again to offer colorectal screening to low income men and women and education regarding prostate screening to men. The coalition of the Putnam County Health Department, American Cancer Society, Putnam Hospital Center, Planned Parenthood, and other community organizations has been renamed to reflect its expanded role. It is now the Healthy Living Partnership.

The Putnam County Wellness Program "Wellness Works" is headed by the Public Health Nutritionist and a Public Health Nurse and is made up of representatives from each county department. The program has been active for 4 years and has offered a very large number of activities encouraging healthy behaviors.

Screenings: Cholesterol, Diabetes, Mammography, Blood Pressure, Skin Cancer, Prostate.

Preventive Services: Flu Clinics, Smoke Cessation Programs

Lifestyle Programs: Worksite walking program, cooking demos, body sculpting, volleyball, self-defense, aerobics classes, Weight management programs

Stress Reduction: Tai Chi, juggling

Education & Information: Seminars offered on variety of topics such as eye care, menopause, osteoporosis, prostate cancer and cardiac risk

Interest in participating in the committee has always been high and members have suggested programs and activities. The program has been so successful that the Health Department is planning an initiative to encourage other large employers to undertake similar programs.

The Prenatal Incentive Program is a joint project of the Putnam County Health Department and the March of Dimes. Women are given incentives of cash and gifts to enroll in prenatal care early and to keep all their appointments.

B. Access to Care

2) Utilization of Preventive Care (Continued)

Clinics to provide vaccine against influenza have been offered jointly by the Putnam County Health Department and Putnam County Office for Aging for many years. The numbers who have received vaccine rose from 1988 - 694 seniors to a high of 1303 in 1992. With the advent of Medicare coverage of the vaccine more providers have been giving vaccine and the numbers seen at clinics dropped but since 1995 have been on the rise again to 1029 in 1997. This number does not include the 221 doses given to Putnam County employees.

Utilization of Primary Care

This is difficult to assess in a County with no clinic facilities where primary care is provided in private physician offices.

One indication might be the immunization status of children in the County. The Putnam County Health Department Immunization Program has been assessing the immunization rates of 2 year old children at private practices. The combined rate of all practices (except 1) and the Putnam County Health Department clinics is 88%.

The New York State rate is 82% and the USA rate is 78%. One practice in Putnam County has consistently refused PBI visits. In assessing the nursery schools neighboring the practice and tagging records of children from that office, it is evident that the rate of immunization is quite high in the practice.

Immunization rates this high would suggest regular and appropriate primary care for children in these practices.

Information regarding utilization of area clinic services by the uninsured is mostly anecdotal.

The Putnam Latino Alliance survey asked people how they accessed primary health care. Of the persons interviewed who sought care, 21 went to the Putnam Hospital Center Emergency Room, 25 to local medical doctors, 6 to Ossining Open Door and 23 to a local pharmacy.

The Ossining Open Door estimates they saw 200 patient-s from Putnam County in the last year (Latinos).

Regarding primary care for special populations, a physician who speaks Spanish in Brewster estimates he sees approximately 20 Latinos weekly.

B. Access to Care**2) Utilization of Medicaid**

Assessment of primary care utilization by low income persons would be more easily accomplished if Putnam County had a provider of Medicaid Managed Care services but the only plan which has been offering that withdrew in April, 1998 and the new company has had to delay offering Managed Care to Medicaid clients while they increase the numbers of providers in Putnam County.

B. Access to Care

3) Barriers to Care

Objective:

Decrease the number of Putnam County residents who are unable to see a doctor due to cost. The New York State goal is 7%. The baseline in 1994 as reported by the BRFSS was 13.7%. There are no Putnam County statistics regarding access to care but there are some factors which indicate this may be a problem including the New York State statistic that 16% of New Yorkers are uninsured (1995), an increase from 12% in 1990.

Financial:

- 1) There are a large number of small businesses in Putnam County employing between 1-4 persons. Persons working within Putnam County account for 24% of workers. Small businesses or the self employed are less likely to be able to offer comprehensive insurance coverage to both the worker and his or her dependents.
- 2) There has been an ongoing problem with provision of Medicaid coverage for Putnam County residents. Most persons receiving Medicaid are not able to access Medicaid Managed Care as the single company providing this type of coverage has not enrolled new clients since 04/98 and is dropping current Medicaid clients as soon as a replacement company is ready to begin enrolling clients.
- 3) The Putnam County Department of Social Services reports an average of 3411 individuals monthly being served in all Department of Social Services support program in 1998. This represents only about 30% of the eligible population.

Structural:

- 1) As suggested above, lack of Medicaid Managed Care coverage has restricted Medicaid clients from finding a medical home and thus access to regular preventive care.
- 2) There are a limited number of providers providing care to Medicaid clients. The new Medicaid provider has a very limited number of primary health care providers signed on and very few specialists for those requiring referral for more complicated health problems.
- 3) The proposed second Medicaid provider is sponsored by a religious organization which will restrict access to certain services especially for women.

B. Access to Care

3) Barriers to Care (Continued)

- 4) There are no Medicaid clinics or clinics offering care on a sliding fee scale within the County boundaries. Persons with no insurance in need of care on a sliding fee scale must travel to Danbury, Connecticut (20-60 minutes), the Peekskill Area Health Center in Peekskill, Westchester County (20-80 minutes), the Beacon Community Health Center, Dutchess County (15-80 minutes), Westchester County Medical Center, Westchester County (10-80 minutes).
- 5) Transportation to health care is a problem. The only public transportation is a loop system of buses. Much of the rural county is not serviced, car transport to bus stops is often the only way to access the system and the system visits shopping areas primarily. Note that the bus access to WIC and local health unit clinics is by an on-call system only and available only 2 days a week. (Clinics are offered on those days as well as other days.) There are few taxi companies and fares are high. Clinics outside the County are at least 30 minutes distance by car.

Exception: The Putnam County Health Department Migrant Health Program does subsidize transportation to health care institutions. The system is provided as needed and arranged through the Migrant Program Nurse Coordinator.

- 6) Laboratory or x-ray services if required are available at the hospital or at a laboratory drawing station which may necessitate another trip to another location.
- 7) The United Way conducted a survey of Putnam County service providers, households and key leaders to determine needs and issues of concern and barriers to service in Putnam County. The three respondent groups had quite differing views on issues and barriers to service.
 - 7 Twenty-four (24) percent of households surveyed identified lack of affordable medical care as an issue, 38% cited inadequate public transportation as a problem, 13% noted lack of preventive health services as an issue of concern.
 - 7 Barriers to service as identified by householders included barriers to other services besides health care and did not identify barriers to health care specifically. The primary barrier to services (the broad category) was defined by households as cost (62%). Other barriers were identified as eligibility criteria - 50%, inconvenient location - 27% and transportation - 19%.
 - 7 Another structural barrier involved inconvenient hours of service. Workers are excluded unless early or late hours are offered.

B. Access to Care

3) **Barriers to Care** (Continued)

8) The geographic makeup of the county makes provision of service or dissemination of information about services difficult.

- 7 There are no urban centers, concentrations of population or common meeting places.
- 7 The east and west sides of the county are quite separate, divided by the large park system. Services must be duplicated if offered.
- 7 There is no one common newspaper or radio station or cable TV company serving the entire county.

Personal Barriers:

Putnam County residents are, for the most part, highly educated and able to access information about health care and access to it. Cultural barriers will be discussed below.

Responders also noted fear of lack of confidentiality especially by persons seeking mental health and certain other health services. This includes concerns about how providers share information and how records are stored and accessed.

The United Way survey identified that there is a reluctance to seek and accept help outside of the circle of family and friends. At community forums where survey findings were discussed several possible factors were discussed:

- 7 Loss of pride.
- Lack of trust in the service providers.

B. Access to Care

3) **Barriers to Care** (Continued)

Objective:

Increase the number of Putnam County residents receiving age and sex appropriate preventive health services. Putnam County statistics are not available in some instances but New York State estimates as based on the BRFSS suggest that access to preventive care could be improved.

Two (2) indicators are available for Putnam County residents and suggest preventive health care. The number of women receiving prenatal care in the first trimester is high, 84.8, which meets the year 2006 objective for New York State, despite difficult access to care for low income pregnant women. The Putnam County Health Department has been conducting Practice Based Immunization reviews in Putnam County pediatricians offices. One large multi-physician practice has refused to allow the review but reviews of the other practices and the Putnam County Health Department sponsored immunization clinics shows a rate of 88%, an improvement over the New York State baseline 1994 of 58% but not yet 90%. In conducting these surveys it was noted that in provision of pediatric health care there is considerable crossing of county lines. Children in Westchester County and Dutchess County were reviewed in Putnam County practices. In Putnam County lead and immunization clinics, each participant is asked the name of their provider of primary care. This question has revealed that a significant number of children receive care outside the county. Therefore, the Immunization review indicates the rate of immunization in Putnam County pediatric practices, not of Putnam County children. That would be more correctly assessed by the retrospective kindergarten survey.

Financial:

- 1) The extent of the problem in New York State for children is suggested by the fact that 14.1% of children 0 to 18 years have no insurance coverage in 1995 up from 9.5% in 1990 as noted in access to primary care.
- 2) The expansion of Child Health Plus to include children 0-19 and offering a broad range of health care services has just occurred and measures to promote enrollment in the program have just begun in Putnam County. Access to this support is a barrier which is in the process of resolution.

B. Access to Care

3) Barriers to Care (Continued)

Structural:

- 1) As noted above in access to primary care.
- 2) The transportation issue is even more pronounced for pregnant women or parents with young children. The long and convoluted routings are even more difficult in these instances.

Personal:

Barriers will be discussed below.

Objective:

Increase access to ambulatory health and dental services for Putnam County residents.

The number of hospitalizations for asthma in children 0-4 years of age is 174.8 per 100,000 in Putnam County as compared to the 581/100,000 baseline of 1993 (SPARCS). This meets the year 2006 goal of 290/100,000.

The number of hospitalizations for otitis media for children 0-4 years is 53.4 per 100,000 in Putnam County as compared to the 190/100,000 baseline (SPARCS - 1993). It meets the 2006 objective of 100/100,000.

Putnam County rates regarding asthma, otitis media and amputations due to diabetes mellitus suggest that for most people access to ambulatory care is appropriate. Access to dental care is more difficult to assess.

Financial:

See discussion regarding access to primary and preventive care above.

Not as many health plans cover dental care as primary health care so dental care is frequently an out of pocket expense. Although no Putnam County statistics are available, New York State estimates are that less than 45% of New Yorkers have some form of dental insurance.

B. Access to Care

- 3) **Barriers to Care** (Continued)

Structural:

See discussion regarding access to primary and preventive care above.

- 1) As Putnam County is a rural county, there are few public water systems and none of them are fluoridated. The large number of private wells have no natural fluoridation.
- 2) None of the school districts offer preventive dental or sealant programs. When surveyed in 1991 regarding interest in starting such a program with local health unit support, all districts declined. Reasons cited were lack of facilities, cost and a strong feeling that parents would regard this as an invasion of privacy.
- 3) There are only two settings in Putnam County which offer dental services covered by Medicaid. One is a private provider on the east side of the county in Mahopac and the second is at the Hudson Valley Community Services Clinic in Patterson again on the eastern side of the county. Neither setting offers care on a sliding fee scale. Note that the dental clinic at Hudson Valley Community Services offers emergency dental treatment to migrant workers when they are in the county (mid-July to the end of September). This is by special arrangement with the Hudson Valley Migrant Health Program. Appointments and transportation are arranged through the Putnam County Nurse Coordinator of Migrant services.
- 4) Transportation as discussed above is an issue in accessing dental care.

Personal:

See below "special populations".

Objective:

Reduce disparities in barriers to accessing and receiving health care for members of special populations.

Special Populations:

Low Income:

As described above under access to primary and preventive care.

B. Access to Care

3) **Barriers to Care** (Continued)

Latino:

Although there are no specific studies, anecdotal evidence suggests that there has been a large increase in the Latino population especially in the village of Brewster and the surrounding township of Southeast. This change has been discussed above in the statistics section. Several studies undertaken by the Putnam Latino Alliance indicate that these persons are susceptible to certain

communicable diseases because of deficiencies in health care in their country of origin. An outbreak of rubella in Westchester County, Fairfield County and Putnam County served to remind the Putnam County Health Department of these facts. They present for care only as needed at the Putnam Hospital Center E.R. and other out of county clinics.

Middle European:

In recent months, a small but growing number of Albanians, Serbs and Poles have been presenting for care in Health Department clinics. The Putnam County Health Department must plan to further identify this population.

Financial:

Low Income:

As described above under access to care.

Latinos:

A recent survey indicated that this population does not have insurance and pays out of pocket for care.

Middle European:

Needs further identification although those who present in local health unit clinics do not identify a primary care provider and do not have a physician.

Structural:

Low Income:

- 1) There are no urban and few town or village centers in Putnam County. Low income persons are scattered throughout the county with no true "pockets of poverty". Exceptions might include the presence of low income housing for seniors in Cold Spring but these seniors have Medicare and are not uninsured.
- 2) Transportation as discussed above is a problem.

B. Access to Care

3) **Barriers to Care** (Continued)

Low Income:

- 3) Lack of clinics which accept Medicaid clients and persons who need care under a sliding fee scale is a problem as discussed above.
- 4) The lack of Medicaid Managed Care in Putnam County promotes episodic

care rather than establishment in a medical home where persons receive ongoing primary and preventive care.

Latinos:

As discussed above and under access to care. Compounded by personal barriers.

Personal:

Latinos:

- 1) Language is a barrier to care.
68% of Latinos surveyed said they spoke only Spanish, however, 96% said they would like to learn English indicating that their English is probably not fluent.
- 2) Access to information regarding access to health care is a barrier.
- 3) Culturally, Latinos reported in the survey that they receive information "on the street" or by word of mouth rather than by print as in newspaper notices or posters or pamphlets.

Another cultural barrier stems from the fact that the Latinos, especially in the village of Brewster, tend to socialize by congregating in public areas on the street (this is, of course, more noticeable in warm weather). This cultural pattern is not understood by natives of the village who consider the behavior menacing or conversely lazy and layabout.

Seasonal Workers:

There are approximately 100 seasonal workers and their children who reside in Putnam County for three months each summer. The migrants live in a relatively self-contained camp in Patterson. Approximately half of the migrants are African- American and half are Haitian, speaking only Creole.

SECTION 1 - POPULATIONS AT RISK

C. Behavioral Risk Factors

1a) Risk Factors Related to Traffic Safety

The Youth Risk Behavior Survey conducted in 1997 identified that among youths 5-24 years of age, 72% of the deaths were due to 4 causes. MVA caused 30% of all deaths in this age group, unintentional injuries 12%, homicides 19% and suicides 11%.

Seat belt use: 18% of youth in New York State outside of New York City rarely or never wear a seat belt if riding as a passenger. This is age dependent, 30% of 9th graders do not wear a belt whereas by 12th grade, the rate had dropped to 14%.

Motor vehicles and alcohol are a deadly combination. In the survey, half of MVA involved alcohol. 32% of students in New York State (outside of New York City) rode in a car with someone who drank alcohol. 15% of twelfth graders said they drank alcohol and drove. 77% of youth surveyed said they had had at least 1 drink in their lifetime, 48% in the last 30 days. Percents were high in New York State outside of New York City (53%) than in New York City (40%).

The Putnam County Traffic Safety Board reports that in 1997 there were 13 fatal crashes in which 16 persons were killed (12 drivers and 4 passengers). In addition, there were 1773 motor vehicle crashes involving 2962 drivers and 1516 passengers. Reflecting the fact that Putnam County is a place where people drive to work most crashes occurred in the morning and afternoon, during commuter hours. The reasons for the crashes involved speeding, tailgating, failure to yield right of way, not paying attention and improper passing. It was noted, however, that only 69.3% were using appropriate restraints. Most accidents were in male drivers 30-49 years, females of the same age incurred the second largest number of accidents.

1b) **Risk Factors Related to Prevention of Chronic Disease**

Smoking: the Behavioral Risk Factor Survey has looked at smoking practices. The rate of smokers 18 years of age in 1993 was 23.5, in 1997 the rate has not improved at 23.1. This is especially disheartening since there was a decrease in the 1994 survey to 21.1. In New York State among high school students who have smoked one or more cigarettes in the last 30 days, the picture is worse. In 1991, the rate was 30 and in 1997 the rate had risen to 38. The CDC has just completed a study on smoking in teens and notes the numbers have risen 73% between 1988-1996 from 51/1000 to 77.

34

C. Behavioral Risk Factors

1b) **Risk Factors Related to Prevention of Chronic Disease** (Continued)

A sedentary life style puts one at risk for cardiac and other chronic diseases. Persons over the age of 18 years who exercised less than 20 minutes/day three times weekly is worsening as well. In 1990, a rate of 63.2 claimed this life style, in 1997 the rate had gone up to 38 (again this statistic excludes New York City).

In overweight which is described in males as a Body Mass Index equal to or greater than 27.3 and in women equal to or greater than 27.8, the rate of persons who are overweight is rising from 20.9 in 1990 to 28.4. in 1997.

1c) **Risk Factors Related to Injury**

Self-inflicted injury is another area of concern in Putnam County. The rate per

100,000 is 57.2 in Putnam County, 47.5 in the region and 50.1 in New York State. This places Putnam County in the highest 1/3 of counties in New York State. In teens 15-19, the rates are alarmingly higher. In Putnam County the rate is 908.4, in the region 774.1 and in New York State 794.0. This rate in Putnam County is significantly higher than the New York State rate.

Suicides is an area of great concern. The rate of suicide is high for both adults and teens. The rate for teens is 12 per 100,000 and for all residents is 10.6. In both cases this is above the New York State rates. An informal review of death certificates for 1997 showed 11 deaths by suicide in the county. This would suggest a rising rate in Putnam County.

Unintentional injuries are a concern especially in certain age groups. In persons over 65 the rate of 2169.3 was considerably higher than the regional rate of 1489.5 and the New York State rate of 1470. In fact the Putnam County rate was the highest in the State.

Unintentional injury to young people 15-24 was also in the highest 10% in the State. The Putnam County rate was 1152.6, the regional rate was 853.2 and the New York State rate was 864.2.

Youth at Risk: Agencies serving the youth of Putnam County have been surveyed by the Youth Board and find young people seeking help for problems and also acting in ways that bring them to the attention of the law and treatment facilities. Various schools (middle and high) were surveyed as to what problems young people requested help for from school personnel. In 1441 instances, most (612) were for problems at home, 465 for problems with peers in school, 161 were having trouble with alcohol or drugs, 126 presented with thoughts of suicide and 35 for problems with the law.

Psychiatric admissions have increased. In 1994 - 64, in 1995 - 114 and in 1996 - 116 and 14 in residential treatment.

35

C. Behavioral Risk Factors

2) Local Circumstances Related to Concerns in "Communities Working Together for a Healthier New York"

a) Violent and Abusive Behavior

Objective:

By the year 2006, reduce the age adjusted homicide mortality rate to no more than 10 per 100,000 people and reduce the rate of hospitalizations due to assaults to no more than 65 per 100,000 people (baseline: homicide mortality rate: 13.9 per 100,000, Vital Statistics 1993; assault related hospitalization rate: 94.7 per 100,000, SPARCS, 1990-93).

The homicide rate is low, less than 163, the New York State rate. The assault rate is 12.1 well below the objective for the year 2006.

Objective:

By the year 2006, reduce domestic violence, abuse and neglect so that:

- 1) The number of indicated abuse or neglect cases in children under 18 years of age is no more than 4 cases per 1000 children 0-17 years of age (baseline: 7.8 per 1000, Department of Social Service Bureau of Child Protective Service, 1993-95).
- 2) The number of women reporting being a victim of a physically violent act by an intimate partner during the previous year is no more than 3 per 100 couples (baseline: 5.6 per 100 couples, BRFSS, 1994).
- 3) The rate of abuse or neglect of seniors is reduced by at least half (baseline: not available).

There are no county-wide statistics regarding domestic violence, abuse and neglect but there are indicators.

The Putnam/Northern Westchester Women's Resource Center reports that in 1997, 193 women and children took refuge in shelters and 1117 received services because of domestic violence.

A summary of juvenile justice services from the Youth Bureau Survey notes that in 1995, 28 juveniles in the only two (2) townships surveyed were assisted from situations of abuse, neglect or domestic violence. The Putnam County Sheriffs Department assisted around 100 persons in similar circumstance in 1996.

36

C. Behavioral Risk Factors

2) Local Circumstances Related to Concerns in "Communities Working Together for a Healthier New York" (Continued)

b) Unintentional Injury

Objective:

By the year 2006, reduce the incidence of unintentional injury among children, young adults, adults and seniors so that the rate of hospitalizations due to unintentional injuries is no more than:

385 per 100,000 children aged 0-14 years
(baseline: 487 per 100,000, SPARCS, 1990-93).

475 per 100,000 young adults aged 15-24 years
(baseline: 597 per 100,000, SPARCS, 1990-93).

420 per 100,000 adults aged 25-64 years

(baseline: 527 per 100,000, SPARCS, 1990-93).

1615 per 100,000 seniors aged 65 years and older
(baseline: 2024 per 100,000, SPARCS, 1990-93).

In Putnam County, the death rate due to unintentional injury was about at the median for the state at 27.5 per 100,000.

The rates of hospitalization due to unintentional injury varied by age. Rates were about equal to other counties in the state except for young people 15-24 and especially for person 65 or over where the rate was the highest in the state.

Statistics are available regarding motor vehicle accidents in Putnam County. In 1997, there were 1773 motor vehicles crashes involving 4478 persons. This reflects the fact that about 5% of the county population were involved in motor vehicle accidents (although it is recognized that not all crashes involved Putnam County residents). Most of these accidents involved males 30-49 years. Only 69.3 of the occupants of these vehicles were in appropriate seat restraint systems.

C. Behavioral Risk Factors

2) Local Circumstances Related to Concerns in "Communities Working Together for a Healthier New York" (Continued)

c) Tobacco Use

Objective:

By the year 2006, reduce the prevalence of smoking so that:

- 1) The percentage of adults 18 years of age or older who smoke is no more than 15% (baseline: 21%, BRFSS, 1994).
- 2) The prevalence of daily smoking among adolescents is no more than 10% (baseline: 17%, OASAS, 1994).
- 3) The prevalence of smoking among pregnant women is no more than 10% (baseline: 14.5%, PRAMS, 1993).

There are no Putnam County statistics regarding smoking. New York State statistics support the fact that tobacco use is a major problem particularly in that it

is a major factor in many causes of disease and death.

38

C. Behavioral Risk Factors

2) Local Circumstances Related to Concerns in "Communities Working Together for a Healthier New York" (Continued)

d) Substance Abuse: Alcohol and Other Drugs

Objective:

By the year 2006, reduce alcohol abuse so that:

- 1) The percent of adults 18 years of age and older who report binge drinking (5 or more alcoholic drinks on one or more occasion in the past month) is no more than 7% (baseline: 15.1% BRFSS, 1993).
- 2) The percent of high school students who use alcohol heavily (5 or more alcoholic beverages at a time, at least once per week) is no more than 6% (baseline: 12% OASAS, 1994).
- 3) The percent of pregnant women who report drinking during pregnancy is no more than 5% (baseline: 9.7% PRAMS, 1993).

There are no Putnam County statistics regarding alcohol abuse but New York State statistics indicate a problem at the state and presumably county level.

Putnam County Traffic Safety Board Statistics of 1997 showed alcohol as a contributing factor in 4% of motor vehicle accidents in Putnam County.

Objective:

By the year 2006, reduce the percent of adults and adolescents who abuse drugs so that:

- 1) The age adjusted drug related mortality rate is no more than 3 per 100,000 people (baseline: 7.5 per 100,000, Vital Statistics, 1993).
- 2) No more that 15% of high school students ever used marijuana, 10% ever use inhalants, 10% ever abused prescription analgesics and 2%ever used cocaine (baseline: 35% marijuana, 21% inhalants, 18% analgesic misuse, 5% cocaine, OASAS, 1994).
- 3) The neonatal drug related discharge rate is no more than 6 per 1000 births (baseline: 10.6 per 1000 SPARCS, 1994).

Putnam County has no local statistics on drug abuse.

The Youth Bureau survey notes that in the schools surveyed, 17% of the presenting problems were related to alcohol or drug abuse in the student or the student-s family.

39

C. Behavioral Risk Factors

2) **Local Circumstances Related to Concerns in "Communities Working Together for a Healthier New York"** (Continued)

e) **Mental Health**

Objective:

By the year 2006, reduce the rate of hospitalizations due to self-inflicted (intentional) injuries among persons 10 years of age and older to no more than 50/100,000 (baseline: 62.5 per 100,000, SPARCS, 1991-93).

The Putnam County statistics regarding suicide are disturbing. Residents 15-19 years of age had a rate of 12 per 100,000, almost double that of New York State. The suicide rate of all residents was 10.6, well above the regional and New York State rates.

The numbers of self-inflicted injuries is high in Putnam County, higher than the State and regional rates and in the highest 1/3 of all New York counties.

In the United Way Survey of householders who were asked to identify issues and concerns, a number of households identified issues which can be related to suicide. Behavior problems among children/teens - 26%, drug abuse - 22%, lack of service for isolated elderly - 18%, alcoholism - 16%, mental-emotional illness - 14%, family violence/abuse - 10%. In the same survey, 54% of key leaders felt there was a serious unmet need for mental health services.

In the Youth Bureau Survey, a number of middle and high schools (but not all) provided data about problems that have brought students to seek assistance or counseling. Warning signs of suicide - 9% of reported behaviors, problems in school - 25%, problems getting along with others in home - 20%, living in home with parental drug/alcohol abuse - 6%, youth with drug/alcohol abuse - 11%.

Psychiatric inpatient admissions for youth doubled between 1994 and 1996 to 116 persons. Young people seen by the various outpatient mental health services presented for the following reasons: suicidal concerns - 6%, anxiety/depression - 20%, "general mental health/emotional problems" - 23%, family issues - 22%.

Barriers to Service:

Financial:

The access issues noted plus the fact that some insurance companies limit mental health coverage making it more likely that these services must be paid for out of pocket.

Some outpatient services are provided on a sliding fee scale.

40

C. Behavioral Risk Factors

2) Local Circumstances Related to Concerns in "Communities Working Together for a Healthier New York" (Continued)

e) Mental Health

Structural:

Many outpatient services are located in the eastern part of the County. Problems of transportation have been noted above.

Hours of Service: all services are offered during business and evening hours. The crisis team is on call 24 hours per day.

Inpatient services are for the most part outside the county in Dutchess and Westchester. Putnam Hospital Center has a small inpatient unit.

Personal:

The United Way Survey asked questions to determine persons resistance to accepting external aid. Reasons given were "hurts one-s pride", reflects on ability to care for self and family, lack of trust, fear of compromising independence.

There are few Spanish speaking service providers in the Mental Health services.

C. Behavioral Risk Factors**2) Local Circumstances Related to Concerns in "Communities Working Together for a Healthier New York" (Continued)****f) Sexual Activity****Objective:**

By the year 2006, reduce the adolescent pregnancy rate (births, fetal deaths and induced abortions) to no more than 2 per 1000 girls aged 10-14 and to no more than 50 per 1000 girls aged 15-17 (baseline: 3.2 pregnancies per 1000 girls aged 10-14 and 65.6 pregnancies per 1000 girls aged 15-17, Vital Statistics, 1993).

In Putnam County, there were no births to females 10-14 years of age in 1994-96. Older teens had slightly higher rates but were the lowest in the State.

The pregnancy rate in 1994-96 was 70.8 and is the lowest in the region and below the State rate. This may imply that pregnancies are, in large part, planned.

The rate of women with early entry into prenatal care was 84.8 in 1994-96, it is the second highest rate in the State. The rate has dropped since 1991 from 92.4.

Late entry into prenatal care was the lowest in the State. The rate of induced abortions is very low, in the lowest 10% of New York counties. In 1996, the number of abortions to teens 15-19 were about 1/3 of the total.

Objective:

By the year 2006, reduce unsafe sexual practices so that the percentage of adults 18 years of age and older who have had to be treated for a STD in the previous five years is decreased by at least 20% (baseline: BRFSS will be asking in 1996).

The Putnam County Health Department has no statistics on STDs in the county. All STD followup is conducted by New York State Department of Health workers located in Westchester County.

42

C. Behavioral Risk Factors

2) Local Circumstances Related to Concerns in "Communities Working Together for a Healthier New York" (Continued)

g) Safe and Healthy Work Environment

Objective:

By the year 2006 reduce the incidence of work-related illness, injury and death in every workplace by at least 20%.

Objective:

By the year 2006 decrease total absence from work due to illness among working adults in New York State by at least 20%.

There are no specific statistics regarding work site injury in Putnam County.

h) Physical Activity

Objective:

By the year 2006, increase the percentage of New Yorkers participating in regular and sustained physical activity to at least 30% of adults 18 years of age and older (baseline: 14.8% BRFSS, 1994).

There are no Putnam County statistics regarding physical activity but mortality due to diseases associated with lack of physical activity suggest that this is a problem in Putnam County as well as New York State and the nation.

i) Nutrition

Objective:

By the year 2006, reduce prevalence of overweight to no more than 20% among adults 18 years of age and older (baseline: 27% BRFSS, 1994) and 15% of second and fifth grade children (baseline: 27.9% New York State Department of Health Nutrition Survey 1990).

There are no Putnam County statistics regarding overweight but mortality due to disease associated with overweight suggest that this a problem in Putnam County as well as New York State and the nation.

Children in the Putnam County WIC program sponsored by the Putnam County Health Department are weighed as part of that nutritional support and education program. In infants 12 months of age and under 8.8% were overweight, in children 1-5 years of age 17.8% are overweight.

43

C. Behavioral Risk Factors

2) Local Circumstances Related to Concerns in "Communities Working Together for a Healthier New York" (Continued)

j) Education

Objective:

By the year 2000, increase high school completion rate to at least 90% and maintain it through the year 2006. The baseline in New York State is 80.9 in 1993-94 (NYSED).

Thirty six percent (36%) of Putnam County residents have a college education.

Despite the statistics that indicate that high school completion is the norm in Putnam County, it is important to ensure that residents continue to maintain the level of education which allows them access to broader job opportunities and an adequate income, as well as health insurance. In addition, higher education levels are associated with more positive health behaviors.

Barriers:

Financial:

Public school education is available in all townships as is transportation to school.

Structural:

Educational opportunities are readily available as noted above.

Personal:

Children who are born with conditions which cause developmental delay.

Children who are born with conditions or into circumstances which place them at risk for developmental delay.

C. Behavioral Risk Factors

2) Local Circumstances Related to Concerns in "Communities Working Together for a Healthier New York" (Continued)

k) Healthy Births

Objective:

By the year 2006, reduce the percent of all births which are LBW (< 2500 grams) to no more than 5.5% and very LBW (<1500 grams) to no more than 1%.
Baseline: 7.7% LBW <2500 grams, 1.5% <1500 grams (Vital Statistics New York State 1994).

The Putnam County LBW rate of 5.3% is lower than the year 2006 objective, the Putnam County rate of 1.2% is lower than the current 1994 baseline but over the year 2006 objective.

Healthy births are dependent in large part on early prenatal care. The rate at which Putnam County women enter prenatal care the first trimester in Putnam County is 84.8, the second highest in the state, late entry into prenatal care is 2.3, the lowest in the state.

Healthy births are also related to access to family planning. Preconception planning avoids unwanted or poorly timed pregnancies. The rate of induced abortions is low in Putnam County, in the lowest 10% of New York counts. The rate of out of wedlock births is also low, the lowest in New York State.

Barriers to Care:

Financial:

As described above in the access to care section, there are no prenatal clinics offering a sliding fee scale or accepting Medicaid in Putnam County. In addition, no private obstetricians or gynecologists in Putnam County accept Medicaid or PCAP clients. The Putnam County Health Department WIC Program can start PCAP enrollment at their in-county clinics but clients must then complete the process with a PCAP provider.

There is one Planned Parenthood Clinic in Brewster offering Family Planning Services.

C. Behavioral Risk Factors

2) **Local Circumstances Related to Concerns in "Communities Working Together for a Healthier New York"** (Continued)

k) **Healthy Births**

Structural:

Prenatal clinics offering sliding fee scale and/or Medicaid Services

These services are found in adjacent counties, Fairfield County, Connecticut at Danbury Hospital; Peekskill Area Health Center in Peekskill, Westchester; Ossining Open Door, Ossining, Westchester; Vassar Brothers Hospital, Dutchess County; Westchester County Medical Center, Valhalla, Westchester County; Northern Westchester Hospital, Mt. Kisco, Westchester County. Westchester County Medical Center and Danbury Hospital are the two (2) closest NICUs and high-risk prenatal clinics.

Transportation

Transportation to these clinics is difficult. The Putnam County Transportation System does not go to any of these locations. In some cases, there is no access except by car and in some Westchester County locations pregnant women must take a train and then bus or cab.

Family Planning

There is only one family planning clinic in Brewster on the east side of the County. Family Planning Services are located outside the County at the same locations as noted above.

Personal:

Language can be a barrier to service. Spanish speaking clients travel to Mt. Kisco or Ossining to attend clinics where Spanish is spoken. The intake clerk at the Putnam County Health Department WIC Program speaks Spanish in an attempt to encourage Latinos to enroll for WIC and to assist with referrals to prenatal care and to the prenatal classes offered at the Putnam County Health Department in Spanish (and in English).

SECTION 1 - POPULATIONS AT RISK

D. The Local Health Care Environment

Physical aspects of the environment which influence residents:

- 7 The geography of the county, rural with park land dividing the county east from west influences the delivery of care, planning for transportation and other types of service.
- 7 The presence of radon in homes in parts of the county may influence the onset of disease.
- 7 The number of high speed arteries of poor design contributes to the number of motor vehicle accidents.
- 7 The number of homes which rely on private water supplies and the number of public water systems that rely on treated lake water may contribute to outbreaks of communicable disease.
- 7 There are no public water supplies which provide fluoridated water.
- 7 Lyme Disease is endemic in Putnam County.
- 7 Rabies Disease is endemic in Putnam County.
- 7 The percent of aged housing stock means that a large number of children are at risk for lead poisoning.
- 7 The rural nature of the county means that there are a number of summer camps in the county which need oversight and, as congregated living sites, are potential venues for outbreaks of communicable disease (8 overnight camps, 16 day camps, 1 migrant camp).

Legal aspects of the environment which influence residents:

- 7 The county contains large areas of property which lie around reservoirs of the New York City Watershed Supply System. Regulatory requirements limit the development of Putnam County property.
- 7 The Indoor Clear Air Act of 1990 limits smoking in public places.

7 The Adolescent Tobacco Use Prevention Act of 1992 is enforced on a complaint basis. In 1996, the Putnam County Health Department received a 6-month grant to improve enforcement. The grant was extended for one (1) year.

47

D. The Local Health Care Environment (Continued)

7 The ProKids Act of 1994 allows no smoking on school grounds or places used by children.

7 The Town of Carmel has a ban against smoking on town beaches.

7 The changes in the New York State Rabies Program which requires treatment for probable exposure to bat rabies has greatly expanded the financial and personnel commitment to this program.

Social aspects of the environment which influence residents:

7 The influx of immigrants, most notably Hispanics, has lead to instances of cultural discrimination.

7 The same cause has put a strain on agencies who provide services to this population to provide workers who speak Spanish.

7 Isolation due to language is a problem.

7 Isolation due to the rural nature of the county is a problem particularly to the elderly.

7 There are no population centers and thus few social centers.

7 There is no one media provider for the whole county. There is one (1) daily newspaper serving Northern Westchester and Putnam particularly the east side, two (2) weekly newspapers, one (1) on each side of the county. There are at least three (3) separate cable TV companies, each with their own local access channel.

Economic aspects of the environment which influence residents:

7 The county has a high median income and small number who require support services. This tends to mask the fact of poverty in Putnam County.

7 There is no one area where the poor reside. There are small pockets of poverty in each township. This makes targeting of populations difficult.

7 A large number of persons commute outside the county and do not receive services within the county and if they must, require service be provided outside of business hours.

7 Although Putnam County is enjoying a building boom right now, there can be limited development due to the watershed restrictions mentioned above. Persons are undertaking renovations and additions increasing the dangers of lead exposure.

SECTION 2 - LOCAL HEALTH UNIT CAPACITY PROFILE

The Putnam County Health Department is divided functionally into two (2) separate divisions: Environmental Health Services (EHS) and Public Health Nursing Services (PHNS) which includes a Certified Home Health Agency (See attached organizational chart). The Department functions under the overall direction of the Public Health Director who also serves as Director of the Environmental Health Services. Most of the Public Health programs are situated in the Nursing Division under the direction of the Associate Public Health Director who also acts as Director of Patient Services for both the Certified Home Health Agency and the Public Health Programs.

The Nursing Division maintains two (2) functions: Public Health Programs and the Certified Home Health Agency. Nursing duties are usually clearly divided between the two (2) functions but CHHA nurses are involved in some Public Health activities (flu clinics) and Public Health Nurses are cross trained to make CHHA visits.

The Public Health Nursing staff involved in Preventive Programs is small and each functions in several program areas. Each is a Public Health Nurse with bachelor's degree or higher. The Supervisor of Public Health (SPHN) programs is masters prepared and a Family Nurse Practitioner. The nurse in charge of communicable disease is a Public Health Nurse and a Certified Community Health Nurse. The two (2) Maternal Child nurses are Public Health Nurses and are Certified, 1 in pediatrics, 1 in maternal child health. The staff and their duties are noted below.

SPHN: Masters prepared Family Nurse Practitioner

Oversees all Public Health programs in Family Health and Disease Control including clinic services (immunization, lead and provision for STD and family planning, TB) communicable disease and chronic disease control. This includes oversight of all grant activities (lead, ICHAP, immunization, Newborn screening, perinatal hepatitis B). It also includes the PHCP and summer camp inspections. The SPHN writes many of the grants applied for by the department. She is also responsible for compiling and writing this document (Community Health Assessment), the Municipal Health Services Plan and any reports attendant to that document. There is no statistical or computer support for these functions. There is no county support or training for grant writing. The Putnam County Planning Department is a source for census data and estimates.

PHN #1: Masters prepared, Certified in Community Health Nursing.

- 7 Communicable disease information gathering and reporting
- 7 Surveillance activities (camps, schools, influenza, special projects as necessary)
- 7 T.B. Program (with the support of the medical consultant) includes most of the DOT and DOPT activities
- 7 Immunization clinics and PB II activities at MD offices and schools. This includes outbreak control (rubella outbreak of 1998 among Latinos which necessitated outreach and special clinics)
- 7 Rabies control: dispensing vaccine and follow-up activities

PHN #2:

Certified in Maternal-Child Nursing

- 7 Newborn screening program
- 7 Perinatal hepatitis B program
- 7 Infant/Child Health Assessment Program home visits and developmental screenings.
- 7 Immunization - clinics
- 7 Maternal Child Health Home Visiting Program
- 7 Antepartal visits and risk assessment

Certified Home Health Agency

- 7 She also contacts Newborn/Postpartum dyads born to Putnam County residents who are identified by referring agencies or by birth certificate review as needing the offer of a home visit. These visits are made without regard of ability to pay.

PHN #3:

Certified in Pediatrics

- 7 WIC program: in clinic setting does all measurements, lead testing and immunizations
- 7 Immunization: clinics, including outreach clinics to assist communicable disease nurse
- 7 Lead: functions as lead program coordinator and follows up all children with elevated leads reported in the county. Also responsible for outreach and education for the lead program.
- 7 Assists with the communicable disease outreach and control as necessary.
- 7 Infant/Child Health Assessment Program home visits and developmental screenings.
- 7 Maternal Child Health Home Visiting Program.

Certified Home Health Agency

- 7 Newborn postpartum visits as above

PHN#4:

- 7 Chronic Disease: responsible for Putnam County Healthy Living Partnership which offers Breast and Cervical Cancer Screening and Colorectal Cancer screening. This includes outreach and all program activities including grant writing.
- 7 Preparing Professional Education Grant: to provide education to area medical doctors regarding cancer screenings.
- 7 Assists Public Health Nutritionist with Worksite Wellness Program which is for all Putnam County employees and offers a series of preventive health activities including screenings (BP, mammography, cholesterol, skin cancer) and activities to increase exercise, improve diet, and reduce stress and stop smoking.

Certified Home Health Agency

- 7 Makes home visits to adult clients.

Public Health Programs have the support of the following persons:

AIDS Educator: Registered Nurse, MSN (Part-time)

- 7 Presents programs to reduce the incidence of HIV/AIDS to risk groups, health care providers and the public including schools.
- 7 Supports activities of other groups: Putnam AIDS Task Force and Putnam County ARCS, etc.
- 7 Presents programs on STDs, Family Planning.

Public Health Nutritionist: MS, RD

- 7 Supervises Putnam County Health Department WIC Program.
- 7 Coordinates activities of Putnam County Worksite Wellness Program.
- 7 Presents programs and information on nutritional topics to public.

The Environmental Health Division has two (2) part time and one (1) full time equivalents involved in health education activities such as selected injury prevention projects, chronic and communicable disease projects.

Public Health Educator: BS Environmental Science/Public Health (Part-time)
Member New York State Federation of Professional Health Educators.

- 7 Oversees health education regarding tobacco, Lyme disease, rabies, domestic violence, dental, traffic safety.
- 7 Grant writing and oversight - tobacco, Lyme disease
- 7 Member of Coalitions - Lyme Disease Advisory Council, People Against Domestic Violence, Putnam Traffic Safety Board/Initiative, Dental Health Education.

Public Health Technician: BS (assisting with health education activities on part-time basis)

- 7 Participates in partnerships and community groups.
- 7 Develop educational materials.
- 7 Program evaluation.

Lyme Disease Educator: MS Education (Full-time)

- 7 Lyme Disease active case surveillance, reporting, followup.
- 7 Professional and public education including high risk groups.
- 7 Participates in regional Lyme Disease Advisory Council.
- 7 Develops education materials.
- 7 Program evaluation.

SECTION 3 - PROBLEMS AND ISSUES IN THE COMMUNITY

A. PROFILE OF COMMUNITY RESOURCES

Coalitions

Primary Care Coalition

c/o Putnam County Health Department

Telephone #: 278-6558

Members: Putnam County Health Department
Hudson Valley Community Services

District Nursing Association of the Town of Southeast (DNA)

Services: Application for grant to provide primary care and other services to uninsured and underinsured at Brewster DNA site. Services for Spanish speaking persons will be available.

Fees: Sliding Fee Scale, Third Party, Medicare, Medicaid

Contact Person: Loretta Molinari

Putnam Latino Alliance

c/o Putnam County Health Department

Telephone #: 278-6558

Members: Putnam County Health Department
Putnam County Department of Social Services
Putnam County Community Action Program
Litaracy Volunteers of America

Services: Coalition of persons and agencies concerned with serving the growing Hispanic population in Putnam County. Needs Assessment completed.

Fees: None

Contact Person: Loretta Molinari (Putnam County Health Department)
Patricia Perez (Putnam County Department of Social Services)

Healthy Living Partnership

c/o Putnam County Health Department

Telephone #: 278-6558

Members: Putnam County Health Department
American Cancer Society
Putnam Hospital Center
Planned Parenthood
Private Medical Doctors
Putnam Community Action Program
Putnam County Department of Social Services
Northern Metropolitan Radiology Associates

Services: Provide screening and treatment for Breast Cancer, Cervical Cancer, Colorectal Cancer, and Prostate Education

Ryan White HIV Care Network

Telephone #: 428-5407
 Members: Putnam County Health Department
 Westchester County Health Department
 Westchester County Medical Center, Other Service Providers
 Services: Network of service providers and consumers regarding HIV
 services.
 Fee: None
 Contact Person: Andrew Torres at Urban League

People Against Domestic Violence

Telephone #: 278-6130 Ext. 116 Rick Carano Putnam County Health Dept.
 225-6316 Ext. 121 Beth Coursen Putnam County Youth Bureau
 Members: Putnam County Sheriffs= Department
 Women=s Center
 Putnam County Probation
 Putnam County District Attorney=s Office
 Putnam County Department of Social Services
 Putnam County Health Department
 Mental Health Association
 Guideposts
 Services: Community based advocacy group, public forums, public awareness,
 support legislative action
 Contact Person: Beth Coursen

Putnam Communities for a Tobacco Free New York

Telephone #: 278-6130 Ext. 116
 Members: National Council on Alcohol
 Office for Aging
 Putnam Hospital Center
 Guideposts
 American Heart Association
 Putnam County Health Department
 League of Women Voters
 Carmel High School
 Carmel Police Department
 Brewster High School
 American Cancer Society
 Putnam Community Action Program
 Mahopac High School
 JFK High School
 Mahopac Middle School
 United Way of Putnam
 Services: Advocacy, Public Awareness
 Contact Person: Rick Carano

Communities for a Tobacco Free New York Project ASSIST

Telephone #: 278-6130 Ext. 116
Members: Putnam County Health Department
American Cancer Society
American Lung Association
Westchester County Health Department
Rockland County Health Department
Services: Community Based Advocacy, umbrella organization for local chapters
Fees: None
Contact Person: Rick Carano

Putnam County Traffic Safety Board

Putnam County Sheriff-s Department
3 County Office Building
Carmel, New York
Telephone #: 225-0350
Members: Putnam County Sheriff-s Department
Putnam Hospital Center
Carmel Police Department
Kent Police Department
Putnam County Community Action Program
Carmel Recreation
Services: Driving skills, child car seats, bicycle helmets, school bus safety, bike rallies, newsletter, traffic safety and injury prevention programs
Fees: May vary
Contact Person: Ann Marie Harper

Putnam AIDS Task Force

P. O. Box 1089
Carmel, New York 10512
Telephone: 878-4127
Members: Putnam County health Department
Planned Parenthood of Hudson Peconic
Putnam County Community Action Program
Putnam County Department of Social Services
Putnam Northern Westchester Women-s Resource Center
AIDS Related Community Services
Rotary
Medical Doctors
Volunteers of America
Fees: None
Contact Person: Roy Volpe

Putnam Rural Emergency Health Network

Telephone #: 228-1645 Ext. 104
Members: Putnam County Health Department
Putnam County Environmental Health Services
Local Fire and Rescue Services
Services: Coordination of Fire and EMS Services
Training of First Responders (EMS)
Fees: None
Contact Person: Robert Cuomo

Local Early Intervention Coordinating Council

Putnam County Health Department
Telephone #: 278-6558
Members: Putnam County Health Department
PARC
St. Agnes
Parents
Chairs of CPSE programs at area schools
Services: Group of professional and private persons concerned with Early
Intervention services for 0-2 year olds
Fee: None
Contact Person: Jacqueline Morini

Putnam Association for Educating Young People

Guideposts
Seminary Hill Road
Carmel, New York
Telephone #: 628-2280
Members: Putnam County Health Department
PARC
St. Agnes
Nursery Schools
Parents
Hudson Valley Community Services
Westcop
Services: Group of professionals serving early childhood community of Putnam
County, 0-8 years old
Satellite of Westchester County group
Forum for inclusion and special education issues
Increase public awareness of issues
Fees: None
Contact Person: Debbie Rafferty

56

Putnam County Division of March of Dimes

c/o Putnam County Health Department
Telephone #: 278-6558
Members: Putnam County Health Department

Local Medical Doctors
Businessmen
Services: Local advocacy for public health education regarding Maternal Child Health, need for prenatal services.
Sponsors program committee - public and professional education
Fees: None
Contact Person: Loretta Molinari, Chairperson

Hudson Valley Regional Directors

Members: Putnam County Health Department
Westchester County Health Department
Rockland County Health Department
Orange County Health Department
Sullivan County Health Department
Dutchess County Health Department
Ulster County Health Department
New York State Association of County Health Officials
Services: Director lead coordination of regional health issues

Health Data Institute

c/o Orange County Health Department

Telephone #:

Members: Putnam County Health Department
Westchester County Health Department
Rockland County Health Department
Orange County Health Department
Sullivan County Health Department
Dutchess County Health Department
Ulster County Health Department
Marist College
Services: Coalition of regional county health departments to address needs for computer support, local data collection and interpretation

SECTION 3 - PROBLEMS AND ISSUES IN THE COMMUNITY

A. PROFILE OF COMMUNITY RESOURCES

Collaborations

American Association of Retired Persons - AARP
Educational presentations

Hudson Valley Community Services

Provision of primary care, dental clinic - accepts Medicaid, Rabies Clinic, STD clinic

Planned Parenthood of Hudson Peconic

Planning for prenatal clinic, member of Healthy Living Coalition
Co-sponsor of grants regarding women health

AIDS Related Community Services, Elmsford, Putnam County Office

HIV counseling and testing clinics

Westchester County Medical Center

Member of Healthy Living Partnership
Sponsor Teen Heat - HIV testing for teens

Rotary Clubs of Putnam County

Support immunization program - education and outreach

Putnam County Youth Bureau

Needs assessment, education programs

Cornell Cooperative Extension

Support education and outreach of preventive programs: immunization, Lead, HIV/AIDS, Communicable Disease

March of Dimes

Sponsor of Early Incentive Prenatal Care grants
Support of Putnam County Division and program committee

Putnam County Community Action Program

Outreach - Newsletter, Member of Putnam Latino Alliance
Referrals of low income clients

Putnam County Child Council

Education to child care providers regarding health services - immunization, lead, rabies, Lyme, WIC

Putnam Community Services Program

Networking, programs, needs assessment

58

Putnam Hospital Center

Educational presentations regarding risk reduction to persons in HIV Risk and Recovery Program
Member of Healthy Living Coalition
Referrals to Maternal Child Health programs

Hudson Valley Poison Control

Inservice education to staff

Office for Aging

Flu clinic

Putnam County Libraries (see list)

Forum for education activities

Putnam County Churches (see list)

Outreach to Latinos (some in Brewster)

Flu and immunization clinic sites

Putnam County Nursery Schools

Outreach and education for Putnam County programs for children

Participation in PBII activities

Peekskill Area Health Center

Provision of Migrant Health Services

Arms Acres

Education to staff and clients regarding HIV/AIDS

Putnam County Pediatricians

Cooperate with PBII activities

Outreach for WIC

Collaborate with lead poisoning followup

SECTION 3 - PROBLEMS AND ISSUES IN THE COMMUNITY

A. PROFILE OF COMMUNITY RESOURCES

Medical Services

Helen Hayes Hospital

Route 9W

West Haverstraw, New York, Rockland County

Telephone #: 947-3000

Services: Rehab hospital for individuals with chronic disease or physically disabling conditions such as stroke, spinal cord injury, cardiac inpatient and outpatient.
Fees: Sliding Fee Scale, Third Party, Medicare, Medicaid
Contact Person:

Putnam Nursing and Rehab Center

Ludingtonville Road
Kent, New York
Telephone #: 878-3241
Services: Skilled Nursing Facility
Fees: Sliding Fee Scale, Third Party, Medicare, Medicaid
Contact Person: Geri Metric, RN

Planned Parenthood

Brewster Square, Route 6
Brewster, New York
Telephone #: 278-7313
Services: Gyn, Family Planning
Education on STDs, Women's Health, Family Planning
Fees: Sliding Fee Scale, Third Party, Medicaid
Contact Person: Sandy Gitland

Hudson Valley Community Services

Robin Hill Park
Patterson, New York
Telephone #: 878-9078
Member: Primary Care Coalition
Services: Medical Clinic, Dental Clinic, STD clinic, Rabies clinic
Fees: Third Party, Medicaid
Contact Person: Howard Yeager

60

Craig House Hospital

Route 96
Beacon, New York, Dutchess County
Telephone #: 831-1200
Services: Psychiatric and addiction services for adults and adolescents
Fees: Third Party
Contact Person:

Four Winds Hospital

800 Cross River Road

Katonah, New York, Westchester County
Telephone #: 763-8151
Services: Inpatient psych services, outpatient adolescent treatment
Fees: Third Party
Contact Person:

Arms Acres

Seminary Hill Road
Carmel, New York
Telephone #: 225-3400
Services: Inpatient alcohol/substance abuse treatment, detox and rehab stay
around 1 month, aftercare program
After school program
Outpatient adult and adolescent services
Fees: Third Party
Contact Person: George Ryer - Outpatient Services

Burke Rehabilitation Hospital

785 Mamaroneck Avenue
White Plains, New York, Westchester County
Telephone #: 597-2500
Services: Intensive medical rehab, inpatient and outpatient
Alzheimer's-s-s Center, Audiology
Fees: Third Party, Medicare, Medicaid
Contact Person:

61

FDR Veterans Administration Hospital

Route 9A
Montrose, New York, Westchester County
Telephone #: 737-4400
Services: Medical care, skilled nursing facility, inpatient and outpatient psych
care
Fees: None, must be Veteran
Contact Person:

Veterans Administrations Medical Center

Castle Point, New York, Dutchess County
Telephone #: 831-2000

Services: Federal facility providing medical/surgical care, rehab medicine, spinal cord injury services, skilled nursing facility, inpatient and outpatient
Fees: None, must be Veteran
Contact Person:

Westchester County Medical Center

Valhalla, New York, Westchester County
Telephone #: 493-7000
Services: Public hospital providing tertiary inpatient and outpatient health care for residents of region, HIV/AIDS, NICU, Trauma Center Designated AIDS Center
Fees: Third Party, Medicare, Medicaid
Contact Person:

Hudson Valley Hospital Center

Crompond Road
Cortlandt Manor, New York, Westchester County
Telephone #: 737-9000
Services: Acute inpatient medical and surgical care
Level II Trauma Center
Birthing Cottage
Health Education
Fees: Third Party, Medicare, Medicaid
Contact Person:

62

Peekskill Area Health Center

Main Street
Peekskill, New York, Westchester County
Telephone #: 739-8105
Services: Medical services to low and moderate income families in Northern Westchester and Putnam. Internal medicine, Pediatrics, OB/Gyn, Dental, WIC
Fees: Sliding Fee Scale, Third Party, Medicare, Medicaid
Contact Person:

Northern Westchester Hospital Center

400 East Main Street
Mt. Kisco, New York, Westchester County
Telephone #: 666-1200
Services: Acute Care Medical/Surgical

Prenatal Clinic, Latino mothers groups
Health Education
Wound Care Program
Level II Nursery

Fees: Third Party, Medicare, Medicaid
Contact Person:

Danbury Hospital

Hospital Avenue, Danbury, Connecticut

Telephone#: (203) 797-7000

Services: Acute care Medical/Surgical
Outpatient clinics
NICU

Fees: Sliding Fee Scale clinics, Third Party, Medicare, Medicaid

Contact Person:

Putnam Hospital Center

Stoneleigh Avenue

Carmel, New York

Telephone #: 279-5711

Services: Acute care Medical/Surgical, 24 hour E.R.
Inpatient psychiatric and alcohol detox
Outpatient renal dialysis
Outpatient Day treatment

Health education, support groups, screenings, fairs

Fees: Third Party, Medicare, Medicaid, Hill-Burton, Charity Care

Contact Persons: Rodney Hubbers, CEO
Susan Mateo, Director of Patient Services

PARC

International Boulevard

Brewster, New York
Telephone #: 225-5650
Services: Day Treatment for Developmentally Disabled, Vocational Rehab
Community Residential Program
Fees: Government Supported, Third Party, Medicaid
Contact Person:

Poison Control Center

Phelps Memorial Hospital
701 North Broadway
Tarrytown, New York, Westchester County
Telephone #: 366-3030
Services: Telephone Consultation regarding Treatment of Poisoning
Patient Education, Group Education
Fees: None
Contact Person: Beth Enser

Putnam Mental Health

NYS-HRPC
Route 6
Carmel, New York
Telephone #: 225-1300
Services: Day Hospital
24 Hour Crisis Intervention
Fees: Sliding Fee Scale, Third Party
Contact Person: Dr. Robert Godley, Ph.D.

64

Putnam Family and Community Services

Route 6
Carmel, New York
Telephone #: 225-2700
Services: Outpatient psych, day treatment, alcohol and substance abuse
Fees: Sliding Fee Scale
Contact Person: Edye Schwartz, Director

Fees: Sliding Fee Scale, Third Party, Medicare, Medicaid
Contact Person:

Salvation Army

Reach services through Putnam County Department of Social Services
Telephone #: 631-1338
225-7040 (Putnam Contact)
Services: Religious and charitable organization providing essential material
needs to those in need
Disaster, Emergency Food and Clothing

Fees: None
Contact Person: Marian Hayes, Volunteer for Putnam Services

Blythedale

Bradhurst Avenue
Valhalla, New York, Westchester County
Telephone #: 592-7555
Services: Inpatient and outpatient diagnostic treatment center for children
with chronic disease or physical disability
Fees: Sliding Fee Scale, Third Party
Contact Person:

St. Christopher-s Inn

Graymoor
Garrison, New York
Telephone #: 424-3616
Services: Alcohol and drug detox, temporary shelter, AA, referral for rehab
services for homeless men
Fees: None
Contact Person: Father Bernard

65

Rosary Hill

600 Linda Avenue
Hawthorne, New York, Westchester County
Telephone #: 769-0114
Services: Inpatient Care for those with terminal cancer who have exhausted
financial resources
Fees: None
Contact Person: Sister Damion

Hospice of Northern Westchester-Putnam

43 Kensico Drive
Mt. Kisco, New York
Telephone #: 666-4228
Services: Nursing care for terminal patients in the home
Pain management, support services
Fees: Third Party, Medicare, Medicaid
Contact Person: Susan Rella

SECTION 3 - PROBLEMS AND ISSUES IN THE COMMUNITY

A. PROFILE OF COMMUNITY RESOURCES

Non-Medical Services

Westchester/Rockland/Putnam Lactation Consortium

P. O. Box 12
New Rochelle, New York
Telephone #: 478-7046
Services: Promotes Breast Feeding
Public and Profession Education
Fees:
Contact Person: Beth Shulman

Putnam Arts Council

Kennicut Hill Road
Mahopac, New York
Telephone #: 628-3105
Services: Art Gallery with Changing Exhibits
Art Classes
Special Events

Funded HIV Education Services
Fees: Varies with Program
Contact Person: Deborah Feiman

Pegasus

235 Monsignor O'Brien Boulevard
Mahopac, New York
Telephone #: 225-6316 Ext. 123
Services: Support to children from homes with substance abuse
Fees:
Contact Person: Henrietta Lodge

Putnam Family Support and Advocacy

39 Seifert Lane
Putnam Valley, New York
Telephone #: 225-2700
Services: Support and advocacy for families in crisis
Fees: None
Contact Person: Pam Forde
Nicki Huebbe

67

Little Angels

Mahopac, New York
Telephone #: 621-1464
Fax #: 621-0166
Services: Supervised visitation at locations throughout the county
Fees: Sliding Fee Scale
Contact Person: Christine Stroud

United Way of Putnam

P. O. Box 266
Carmel, New York
Telephone #: 225-9316
Information Line #: 278-9400
Services: Information and Referral for health and human services
Support of Community Agencies
Needs Assessment
Fees:
Contact Person: Sharon Cahill

Putnam County Rotary

Telephone #: 279-9006
Services: Group of businessmen and concerned citizens in each township who support various community projects especially national and local support of immunization program

Fees: None
Contact Person: Myrna Benton

Putnam County Youth Bureau

Old Route 6 Center
Carmel, New York

Telephone #: 225-6316

Services: Supports services for youth and provide Youth Needs Assessment, mediation services, information and referral, family assessments and counseling, case management, Youth Court Forum, Pegasus Project (drug and alcohol program for children ages 5-12 of alcoholics, crisis intervention.

Fees: None

Contact Person: Joe DeMarzo, Director

68

Green Chimneys

Putnam Lake Road
Brewster, New York

Telephone #: 279-2996

Services: Residential treatment center for troubled youth 14-18, farm center, Hillside Outdoor Education - preschool --> seniors, Nursery School 3-5

Fees: For some services

Contact Person:

Green Chimneys Arbor House

Telephone #: 279-2588 24 Hours
278-4486 Office

Services: Youth 10-20, crisis intervention, temporary shelter, counseling, 6 bed safe house, at risk, runaway, and homeless youth

Fees: None

Contact Person: Jennifer Martibano, Program Director

Putnam Family Connections

Telephone #: 225-6316 Ext. 120

Services: Collaborating youth agencies meet with families as a team coordinating family interventions

Fees:

Contact Person: Linda Puoplo

Putnam County Department of Transportation

Fair Street
Carmel, New York
Telephone #: 878-RIDE
Services: Putnam County PART Bus
Fees: \$1.25 one way
Contact Person:

Putnam County Housing Department

Carmel, New York
Telephone #: 225-7040 Ext. 273
Services: Low income housing, Section 8 Assistance
Fees: None, income requirements
Contact Person: Carol Arnold

69

Caregivers (Task Force) Resource Center

Putnam County Office for Aging
Old Route Six Center
Carmel, New York
Telephone #: 225-1034 Ext. 102
Services: Counseling
Education presentations to caregivers
Resource library
Fees: None
Contact Person: Doreen Crane

Putnam County Department of Social Services

Old Route Six Center
Carmel, New York
Telephone #: 225-7040
Services: Financial Support for low income, uninsured, Adult Protective
Services, Child Protective Services
Food stamps, Medicaid
Sponsor of satellite dish education programs
Member Putnam Latino Alliance
Fees: None
Contact Person: Michael Piazza

Putnam County Office for Aging

Old Route Six Center
Carmel, New York
Telephone #: 225-1034
Services: Financial counseling, Meals On Wheels, Nutrition sites - Putnam

Valley, Cold Spring, Mahopac, Carmel, RSVP Volunteers, Flu Program, Recreation for seniors, information and referral

Fees:

Contact Person: William Heustis
Michelle DiNizzo

Putnam County Community Action Program

Fair Street
Carmel, New York

Telephone #: 225-0020

Services: Home Energy Assistance, Food Pantry
Community Outreach - Newsletter
Weatherization, Food Baskets
Member of Latino Alliance

Fees: Sliding Fee Scale

Contact Person: Rosemarie Bahr, Director

70

Putnam/Northern Westchester Women-s Center

2 Mahopac Plaza
Mahopac, New York

Telephone #: 628-9284

Services: Safe house, counseling, resource, referral, legal consultation
Support groups including domestic violence
Member of People Against Domestic Violence

Fees: Sliding Fee Scale

Contact Person: Joanne DePaola, Director

Medical Society of Putnam County

Telephone #: 279-5599

Services: Continuing Education for physicians

Fees:

Contact Person: Dr. Arun Agarwal

Putnam County Dental Society

Telephone #: 278-2101

Services: Continuing Education for Dentists
Individual Dentists perform Public Education

Fees: None

Contact Person: Dr. Anthony Cuomo

Youth Services Council

c/o Putnam Family and Community Services

Telephone #: 225-2700

Services: Coordination of services targeting youth

Members: Youth Bureau and other agencies providing services to youth

Fees: None
Contact Person: Roger Young

Village Housing/ New Search for Change

220 East Main Street
Brewster, New York

Telephone #: 279-0305 Main #8113
428-5600 White Plains

Services: Variety of housing and independent living supervision for adults with developmental disabilities

Fees: Sliding Fee Scale

Contact Person: Kathy Knox

71

Walter Hoving Home

Snake Hill Road
Garrison, New York

Telephone #: 424-3674

Services: Christian home for homeless women

Fees: Sliding Fee Scale, None

Contact Person: Sue Hinton

Putnam County Legal Aid

Telephone #: 225-8466

Services: Criminal and some family court matters for indigent population

Fees: If qualified, none

Contact Person:

Putnam County Mediation Program

P. O. Box 776
Carmel, New York

Telephone #: 225-9555

Services: Peer and family mediation for conflict resolution

Fees: None

Contact Person: Viola Stroud

American Red Cross

Putnam County Center
Carmel, New York
Part time office on Vink Drive, Carmel, New York

Telephone #: 225-3524

Services: Disaster services
Public education on safety topics

Fees: None, except for public courses

Contact Person: John Schlich, Chairperson

Putnam County Probation

County Office Building

Carmel, New York

Telephone #: 225-0304

Services: Supervision of adults and juveniles on probation
Juvenile diversion includes counseling, community service
(under 16)

Fees: None

Contact Person: Don DeVito

72

Alcoholics Anonymous

Telephone #: 225-4646 (through National Council on Alcoholism)

Services: Group meetings throughout area, support groups to help members
recover from alcoholism

Fees: None

Contact Person: Nathan Liebowitz, Director
Jack Breen, Office Manger at National Council on Alcoholism

House of Nazareth Life Institute

Snake Hill Road

Garrison, New York

Telephone #: 424-3116

Services: Residential care for pregnant young women (15-21) who are
planning to surrender their infant to adoption

Fees: Sliding Fee Scale, (fees are paid by adoption agency)

Contact Person: Sister Marita

Hopetown Residential Christian School

P. O. Box 670

Carmel, New York 10512

Telephone #: 225-2005

Services: Residential services for physically handicapped and educable brain
damaged child 6-12 years
Camp Hope and Camp Joy - summer camp for same population 6-
45 years (overnight)

Fees: Sliding Fee Scale

Contact Person:

Big Brothers/Big Sisters

70 Ashburton Avenue

Yonkers, New York

Telephone #: 963-7101

Services: Matches children in single parent households with an adult who can
serve as role model, short term counseling, group activities

Fees: None
Contact Person: Margie Pacheco - Yonkers (no longer a Putnam office)

American Cancer Society

220 Route 6
Mahopac, New York
Telephone #: 628-2003
Services: Public and professional education, support programs, childhood cancer assistance, transportation, leukemia assistance, outpatient assistance

73

WIC - Women, Infants and Children

Putnam County Health Department
6 Geneva Road
Brewster, New York
Telephone #: 278-6678
Services: Nutrition counseling and support to low income pregnant women and children 1-5 years
Fees: Eligibility requirement
Contact Person: Lorraine Ciaiola

Putnam County Home Care Council

Route 52
Carmel, New York
Telephone #: 225-4030
Services: Licensed Home Care Agency, providing nursing, home health aides, care in home, counseling
Fees: Sliding Fee Scale, Third Party, Medicare, Medicaid
Contact Person: Catherine Cavanaugh

Volunteers of America

50 Broadway
Hawthorne, New York
Telephone #: 741-1252
Services: Respite for caregivers of persons with HIV/AIDS. Guardianship and permanency planning for HIV infected parents. Case management (home based) for persons with HIV/AIDS.
Fees: Free
Contact Person: Douglas Capasso, Program Director

Birthright

10 Fair Street
Carmel, New York 10512
Telephone #: 225-8885
Services: Pregnancy testing, baby clothing distribution, maternity clothes
Times: Monday, Wednesday, Friday: 9:00 - 12:00 a.m. & 2:00 - 4:00 p.m.

Thursday: 7:30 - 9:00 p.m.

Fees: None

Contact Person:

74

BOCES Teen Pregnancy Program

200 Boces Drive

Yorktown Heights, New York

Telephone #: 245-2700

Services: Education program for pregnant teens and teen parents with on-site day care with classes in parenting, academic and vocational

Fees: Paid by participating school districts

Contact Person: Mary Blancuzzi

Putnam County Child Care Council

2 Mahopac Plaza, Suite 250

Mahopac, New York

Telephone #: 621-5619

Fax #: 621-5629

Services: Information and training to child care providers
Referrals on child care to parents

Fees: No fee for referrals

Fees for training

Contact Person: Ann Marwick

Cornell Cooperative Extension

Geneva Road

Brewster, New York

Telephone #: 278-6738

Services: Education regarding food preparation safety and home safety
County Fair
4-H Clubs
Youth Forum

Fees: None

Contact Person: Marjorie Keith

Garden Street Elementary

17 Garden Street
Brewster, New York
Telephone #: 279-5091
Contact Person: Giselle Corde, Principal
Nurse: Susan Strain

JFK Elementary

35 Foggintown Road
Brewster, New York
Telephone #: 279-8001
Contact Person: Natalie McKenna, Principal
Nurse: Linda Romeo

Henry Wells Middle School

570 Route 312
Brewster, New York
Telephone #: 279-8001
Contact Person: Debbie Gregory, Principal
Nurse: Cheryl Barrett

Brewster High School

50 Foggintown Road
Brewster, New York
Telephone #: 279-8001
Contact Person: Geniene Guglielmo, Principal
Nurse: Sheila Williams

C.V. Starr Intermediate School

Farm to Market Road
Brewster, New York
Telephone #: 279-8001
Contact Person: Michael Jumper, Principal
Nurse: Mary McCabe

Kent Primary School

Route 52

Carmel, New York
Telephone #: 225-5025
Contact Person: Rhoda Friedman, Principal
Nurse: Pat Scalfani

76

Kent Elementary School

Route 52
Carmel, New York
Telephone #: 225-5029
Contact Person: Cindy Slotkin, Principal
Nurse: Kathleen McDermott

Matthew Patterson Elementary

South Street
Patterson, New York
Telephone #: 878-3211
Contact Person: Linda Rossetti, Principal
Nurse: Dorothy Lambert

George Fisher Middle School

Fair Street
Carmel, New York
Telephone #: 225-0035
Contact Person: Stephen Helman, Principal
Nurse: Nancy Logon

Carmel High School

30 Fair Street
Carmel, New York
Telephone #: 225-8441
Contact Person: Diana Bowers, Principal
Nurse: Nancy Mittelstadt

Garrison Union Free School

P. O. Box 193
Garrison, New York
Telephone #: 424-3689
Contact Person: Dr. Marilyn Brannigan, Superintendent
Nurse: Judy Dunstan

Haldane Elementary School

Craigside Drive
Cold Spring, New York
Telephone #: 265-9254

Contact Person: Delores Bayer, Principal
Nurse: Candy Zgolinski

Haldane Junior/Senior High School

Craigside Drive
Cold Spring, New York
Telephone #: 265-9254
Contact Person: G. Thomas Spella, Principal
Nurse: Candy Zgolinski

Putnam Valley Elementary

171 Oscawanna Lake Road
Putnam Valley, New York
Telephone #: 528-8092
Contact Person: Edward J. Hallisey, Principal
Nurse: Darlene Ekholm

Putnam Valley Junior/Senior High School

142 Peekskill Hollow Road
Putnam Valley, New York
Telephone #: 528-8101
Contact Person: Marjorie Holderman
Nurse: Nobila Kruger

Mahopac High School

421 Baldwin Place Road
Mahopac, New York
Telephone #: 628-3256
Contact Person: Thomas Readyoff, Principal
Nurse: Cathy Ormsby
Kathy Cullen

Austin Road Elementary

390 Austin Road
Mahopac, New York
Telephone #: 628-1346
Contact Person: Robert Mayer, Principal
Nurse: Jane WeMett

Fulmer Road Elementary

55 Fulmer Road
Mahopac, New York
Telephone #: 628-0440
Contact Person: Dr. Sandra Barbaro, Principal

Lakeview Elementary

112 Lakeview Drive
Mahopac, New York
Telephone #: 628-3331
Contact Person: Patricia Coldrick, Principal
Nurse:Nancy Kofsky

Mahopac Middle School

421 Baldwin Place Road
Mahopac, New York
Telephone: 621-1330
Contact Person: John Reilly, Principal
Nurse:Denise Quartararo

The Hampton School

160 Wixon Pond Road
Mahopac, New York
Telephone #: 628-6155
Contact Person: Diana Messina, Director

St. John's School

235 Monsignor Boulevard
Mahopac, New York
Telephone #: 628-6464
Contact Person: Sister Henchey, Principal
Nurse:Kathy Cullen

St. Lawrence O-Toole

11-13 Eastview Avenue
Brewster, New York
Telephone #: 279-5164
Contact Person: Sharyn O-Leary, Principal
Nurse:Sherly Barrett

Green Chimneys

Caller Box 719
Putnam Lake Road
Brewster, New York
Telephone #: 279-2995
Contact Person: Laura Suarez, Principal
Nurse:Karen Nuessle

St. James School

12 Gleneida Avenue
 Carmel, New York
 Telephone #: 225-9365
 Contact Person: Daisy Abruzzo, Principal
 Nurse: Linda Giampia
 Kathleen Scott

National Council on Alcoholism

Church Street
 Carmel, New York
 Telephone #: 225-4646
 Services: Early childhood education program
 Drop in center
 Parenting workshops
 Referral to AA support groups
 Fees: Sliding Fee Scale
 Contact Person: Nathan Liebowitz

Putnam County Sheriff's Department

3 County Office Center
 Carmel, New York
 Telephone#: 225-5255
 Services: AIDS education to inmates
 DARE
 Education regarding Drunk Driving
 Member: Traffic Safety Board
 Fees: None
 Contact Person: Joann Ryan, RN

Literacy Volunteers of America

Mahopac Library
 Mahopac, New York
 Telephone #: 628-8139
 Services: One On One tutoring of adults to learn English
 Location at convenience of student and tutor
 Fees: None
 Contact Person: Helen LiMarzi

American Lung Association

35 Orchard Street
White Plains, New York
Telephone #: 949-2150
Services: Public and Professional Education
Smoking Cessation
Support Group "Easy Breathers"
Asthma Club at Putnam Hospital Center
Fees: None
Contact Person: Joanne Gallagher, Program Director

American Heart Association

95 Gleneida Avenue
Carmel, New York
Telephone #: 225-3700
Services: Public and Professional Education
Fees: None
Contact Person:

American Diabetes Association

200 White Plains Road
Tarrytown, New York
Telephone #: 631-6048
225-6887 (Pat Varveri)
Services: Support group at Putnam Hospital Center
Information and Referral
Camp NYDA (Sliding Fee Scale)
Fees: None
Contact Person: Carolyn Steiner

March of Dimes - Metro Region

1275 Mamaroneck Avenue
White Plains, New York
Telephone #: 949-7166
Services: Public and Professional Education regarding Maternal Child Health
Support - Grants in Putnam County
Fees: Not for Grand Rounds or Public Programs
Fee for other professional programs
Contact Person: Sue Rose

March of Dimes - Putnam County Division

c/o Putnam County Health Department

Telephone #: 278-6558
Services: Supports Program Committee
Prenatal Incentive Program
Grand Rounds/Professional Education
Newsletter
Fees: None
Contact Person: Loretta Molinari

Guideposts

39 Seminary Hill Road
Carmel, New York
Telephone #: 225-3681
Services: Venue for educational presentations to the public
Fees: None
Contact Person: Donna Russell, Community Liaison

Putnam Community Services Network

Telephone #: 628-2009
Services: Networking with agencies
Forums regarding cultural diversity, services available to Putnam
County residents
United Way Needs Assessment
Fees: Membership fee
Contact Person: Helen LeMarzi (Mahopac Library)

SECTION 3 - PROBLEMS AND ISSUES IN THE COMMUNITY

B. PROFILE OF UNMET NEED FOR SERVICES

- 1) There is a need for primary care and prenatal care clinic services for uninsured

and underinsured persons in Putnam County. This would include recent immigrants such as the growing Hispanic population.

Care must be delivered on a sliding fee scale and Medicaid should be billed.

- 2) There is a need for improved transportation. The existing PART bus transportation system should provide transportation to sites that deliver health services as well as the shopping opportunities. Transportation services should expand outside county limits to Danbury Hospital in Connecticut and possibly to the Beacon Health Center, Dutchess County and the Peekskill Area Health Center in Northern Westchester County.
- 3) There is a need for increased language capability and cultural awareness among health care and other providers in Putnam County. This should involve language and cultural training for current staff as well as the effort to hire Spanish speaking staff. The Putnam County Health Department Migrant Program needs to identify Creole translators to assist with delivery of primary care and HIV counseling and testing.
- 4) There is a need to better coordinate services to youth, especially services to prevent mental health and other behavior problems. Early identification and support to children at risk must be a goal. Coordination should involve schools as well as provider agencies.
- 5) There is a need to coordinate efforts/activities more closely with Putnam County Traffic Safety Coordinator.
- 6) There is a need to provide Medicaid Managed Care coverage for Putnam County Department of Social Services clients. At present there is only one (1) company providing coverage. The small size of the county and low number of enrollees make it difficult to solicit companies to provide coverage.
- 7) The Health Education capabilities of the Health Department need to be expanded. At present, the program people who deliver care are also expected to do outreach. The expansion of the Health Education role would also provide better coordination of education in the various program areas (ie., use of one (1) forum to educate regarding several Maternal Child Health programs). In addition, there would be additional capacity for Community Assessment activities such as comprehensive and ongoing Community Resource Inventory and Needs Assessments of special populations.

83

- 8) The Health Department needs increased access to persons with special skills and access to special risk groups. Examples of needs include: computer training (use and programming), grant writing, needs assessment.
- 9) Access to the benefits of Child Health Plus must be given to the community. Families at risk need to be identified and assisted with access issues.
- 10) A determination of the numbers of uninsured and underinsured in the County

should be undertaken. Enlisting the assistance of the Rotary Clubs and local Chambers of Commerce may assist with this need.

- 11) A Task Force of persons at a director-s level to assess for the health needs of the community and direct county-wide interventions including legislative change is needed. The Task Force should include persons from the public and private sectors as well as the community.
- 12) There is a need for an increase in County and more local data and statistics and assistance with interpretation of the data. The collaboration with other counties in the region in the proposed Health Data institute will be an important first step. County support for the initiative needs to be elicited.
- 13) The Health Department needs to address the underlying causes of chronic disease by expanding the very successful Putnam County Employee Wellness Program to other of the larger county employees.
- 14) The Health Department needs the services of a part-time Public Health Nutritionist to assist with Health Education activities most of which have a Nutrition component.

SECTION 4 - LOCAL HEALTH PRIORITIES

DISEASE CONTROL

Priority Area A: Control of Communicable Disease

Current Efforts:

- 1) A Public Health Nurse is assigned to receive reports of communicable disease, follow up those reports and report to the New York State Department of Health. She also investigates outbreak situations and conducts special programs and clinics as necessary. Services are free.
- 2) The Communicable Disease Nurse conducts active surveillance:
 - a) influenza from October to April
 - b) summer camps June through August
 - c) special surveillance of outbreaks (Rubella in 1998)
- 3) The Putnam County Health Department supports disease control and provision of primary care at a local migrant camp. The program is provided in collaboration with the Hudson Valley Migrant Program of the Peekskill Area Health Center. The Putnam County Health Department's Nurse Coordinator does outreach at the camp and is on-call every evening (6 nights weekly) during the growing season, about July 10 - October 1. Putnam County supports primary care delivery by providing a site at the farm for clinic purposes. The Coordinator arranges transportation to specialty medical doctors and clinics. She also provides educational presentations to workers and to the children of workers.
 - 7 Putnam County Health Department Migrant Program services are free.
 - 7 Special free health screenings are held during the season and referrals are made to the primary care provider as necessary.
- 4) Children who are uninsured or underinsured have no access to primary care. The Health Department has begun active outreach to ensure that all persons presenting for health department services whose children need health insurance are referred to Medicaid and/or Child Health Plus. Intake workers in Immunization, Early Intervention, Infant/Child Health Assessment Program, WIC, PHCP ask clients regarding coverage and refer to Medicaid or Child Health Plus as appropriate.

DISEASE CONTROL

Priority Area A: Control of Communicable Disease (Continued)

5) Lack of access to primary care for other high-risk groups such as low income uninsured and underinsured adults and the Latinos moving into the county is a major county problem. The Putnam County Health Department has undertaken two (2) initiatives:

- i) The formation of the Putnam Latino Alliance allowed partners concerned with this population a forum to share concerns. A needs survey was conducted.
- ii) The health department has submitted a Primary Care Initiative grant in collaboration with Hudson Valley Community Services and the District Nurses= Association of the Town of Southeast. The grant requests money to set up a primary care site at a location in Brewster Village donated by the Brewster DNA. Primary care would be offered to Medicaid clients and on a sliding fee scale. There would be daytime and evening hours and easy access by the local bus system or by train. Spanish speaking providers will be hired and the presence of other support services is planned.

6) Prevention of Lyme disease is a priority in this County where the disease is endemic.

There is a Program Coordinator who conducts surveillance for incidence of disease and also provides education regarding prevention and treatment to health care professionals, school children, outdoor workers and recreationists. Programs are provided at various sites around the county without charge.

Information is also disseminated through newsletters, newspaper articles, and participation in public events such as health fairs.

- 7) Rabies Control is a joint program by the Putnam County Environmental Health Services and Nursing Divisions and a new collaboration with Hudson Valley Community Services. The Environmental Health Services rabies control worker assesses each exposure with the help of the New York State Department of Health protocol and the Medical Consultant to clear for post exposure treatment. The Communicable Disease Nurse contacts the private physician and dispenses rabies Immune Globulin and Rabies vaccine to the patient to be transported to the physician's office for administration. She follows up on completion of treatment and prepares and files all reports. In a new collaboration, if the person exposed has no physician or the physician is unavailable, the person is referred to Hudson Valley Community Services where the medication can be administered 7 days/week. Rabies treatment is provided so there is no out of pocket expense to the recipient.
- 8) The Perinatal Hepatitis B Program tracks infants whose mothers have been identified as Hepatitis B SAg positive to ensure that they receive the appropriate vaccine at the appropriate intervals to prevent contracting chronic disease and suffering the sequelae. Education regarding prevention of Hep B transmission is offered to family members.

Priority Area A: Control of Communicable Disease (Continued)

Needed Additions and Changes to Service:

- 1) As about 50% of the migrant camp are Haitian and speak only Creole, there is an urgent need for a translator. Funds have been set aside for this purpose but a Creole translator who can work evenings in rural Patterson has been difficult to identify.
- 2) Translation services are necessary to conduct Communicable Disease Control interviews and clinics. Several staff members have indicated interest in learning Spanish. Their efforts need to be facilitated and supported.
- 3) The health department needs to expand and coordinate efforts to encourage low income families to enroll in Child Health Plus and find a medical home. The recent grant of monies to support this effort will link Putnam County Health Department efforts, provide outreach to other providers who can also identify families in need and provide followup to ensure enrollment in the appropriate insurance plan (Child Health Plus or Medicaid).
- 4) The extent of the problem of uninsurance and under insurance should be determined. The Health Department should plan to collaborate with the Putnam County Department of Social Services, the Putnam County Planning Department, and local township Chambers of Commerce, and other appropriate organizations to survey the extent of the problem.

Priority Area B: STD

Current Efforts:

- 1) Although the numbers of persons needing treatment for STDs is not available to the Putnam County Health Department, a new collaboration with Hudson Valley Community Services in Patterson will provide STD diagnosis and treatment within Putnam County borders. The clinic will be available during the evening and diagnosis and treatment of certain diseases will be free of charge. Prescriptions for medication to treat other diseases will be given to the client at the time of diagnosis.

The contract to provide services has been signed. Clinic policies and protocols are in the process of being formulated. Physician training is being arranged. As soon as these elements are in place, the Putnam County Health Department will begin advertising the clinic.

- 2) Education to prevent the spread of STDs is conducted for risk groups by the HIV Educator who incorporates information about STDs in her presentations regarding HIV. Risk groups have included:
 - a) inmates of county jail;
 - b) participants in alcohol and drug abuse programs;
 - c) school children and teens (in cooperation with mandated school health courses and through relevant programs presented to teachers and school nurses);
 - d) other high risk youth (through staff training at agencies which serve high risk youth);
 - e) the public (through the distribution of brochures and other information at various sites throughout the County including local agencies both health and non-health related).

Needed Additions and Changes to Service:

- 1) Broader educational campaign to reach others besides those at risk for HIV/AIDS.
- 2) Advertise Anew@ clinic and evaluate effectiveness.

DISEASE CONTROL

Priority Area C: Tuberculosis

Current Efforts:

The Public Health Nurse assigned to TB works with the Putnam County Health Department Medical Consultant to diagnose and provide treatment for persons with TB and to investigate contact cases. DOT and DOPT when necessary is provided by the TB Nurse and area Certified Home Health Agency Nurses. Physicians who treat their own patients for tb are contacted and treatment is monitored. TB diagnosis and treatment is free and provided in the home, work or Putnam County Health Department settings. Visits are made after hours as necessary.

Needed Additions and Changes to Service:

Translation: support to staff as noted above.

DISEASE CONTROL

Priority Area D: Immunization

Current Efforts:

- 1) Improving the rate of immunization of children especially 2 year olds is a high priority

for the Putnam County Health Department. Free immunization clinics are held at the Putnam County Health Department offices and at a site on the west side of the County regularly. Days and times are varied. Morning, afternoon and evening clinics are offered. A recall system ensures that the Putnam County Health Department rate of immunization of 2 year olds remains over 97%. The Immunization Program also works with pediatricians to provide assessments of individual practices and analysis of factors that will improve the immunization rate of all Putnam County residents.

The Immunization Program staff works with nursery schools and day care centers to assess immunization levels. They also serve as consultants for regular school nurses on immunization issues.

The program notifies private providers of immunization given at the Putnam County Health Department clinics. Clients who do not have a private provider are referred to Child Health Plus or given a list of Putnam County pediatricians.

- 2) Adult immunization is another priority area. The Putnam County Health Department and Putnam County Office for Aging have a longstanding collaboration in providing flu vaccines to seniors at various sites in Putnam County during the months of October and November. Vaccines and administration are free. This year, the health department met with the Infection Control Nurse at Putnam Hospital Center to try to expand the program to offer flu and pneumonia vaccine to all patients at risk before discharge. The Putnam County Health Department Certified Home Health Agency identifies those at risk among their clients and provides flu and pneumonia vaccine to those clients and their caregivers. The Putnam County Health Department is expanding adult immunization services this year by offering pneumonia vaccine clinics at various times throughout the year.

The Immunization Program in cooperation with the Health Department sponsored Worksite Wellness Program offers free vaccine to all Putnam County employees. Clinics are held on a day in November at each county worksite.

DISEASE CONTROL

Priority Area D: Immunization (Continued)

Needed Additions and Changes:

- 1) Support for groups offering flu vaccine to their members and workers is needed. Local employers have called the Health Department for assistance in obtaining and

administering influenza vaccine. The immunization team will undertake these clinics on request and as limited by the amount of vaccine available. A small fee to cover the cost of the vaccine and administration will be charged.

- 2) When a Medicaid Managed Care company is identified and starts offering coverage in Putnam County, arrange to send data to them regarding clients seen in Putnam County Health Department immunization clinics and arrange to review immunization status of persons enrolled in the program.
- 3) The Putnam County Health Department has been approached by an area school to provide Hep B vaccine to high school students. Collaboration with school nurses and administration in offering protection to this high risk population is needed with middle and high schools in the County.

DISEASE CONTROL

Priority Area E: Chronic Disease

Current Efforts:

Prevention of chronic disease remains a priority issue in Putnam County and is approached through several programs.

- 1) The Healthy Living Partnership is an ongoing and expanding program. It is a collaboration of the Putnam County Health Department, American Cancer Society,

the Putnam Hospital Center, Planned Parenthood, Putnam Community Action Program, the Putnam Office for Aging, the Department of Social Services, local physicians and other community volunteers.

Having started by offering free mammograms, clinical breast exams and treatment to low income women, the program expanded to cover cervical exams and pap smears and then fecal occult blood screening and prostate cancer education.

- 2) The Putnam County Worksite Wellness Program is a joint effort by representatives of the various county departments led by the Public Health Nutritionist and a Public Health Nurse with the guidance of a Wellness Consultant. The Worksite Wellness Initiative offers programs which provide screening for chronic illness and disease prevention programs, programs to enhance lifestyle changes and education about chronic diseases and their prevention. Examples of programs offered are:

Screening Programs:

Hypertension
Mammography
Skin Cancer
Prostate Cancer
Diabetes
Cholesterol
Bone Density

Educational Programs:

Osteoporosis
Menopause
Cardiac Risk
Eye Care
Migraine Headaches

Publication of Wellness Works Newsletter:

The Newsletter is distributed 4 times per year to all employees. This publication is the primary vehicle used to inform employees of programs and their outcomes.

The program is 4 years old and enthusiasm is very high.

DISEASE CONTROL

Priority Area E: Chronic Disease (Continued)

- 3) Efforts to promote smoking cessation include:

Membership in Project ASSIST (American Stop Smoking Intervention Study). This is a collaborative effort between the National Cancer institute, the American Cancer Society, State and local health departments, and other voluntary organizations in the community to develop and implement comprehensive tobacco control programs. The goal of the ASSIST Project is to reduce the incidence and costs of smoking-related diseases especially lung cancer, heart disease, and chronic obstructive pulmonary disease. In Putnam County, ASSIST has increased

anti-tobacco messages and activities by encouraging various interventions at worksites, schools, medical facilities, and other sites through the local media in an effort to raise awareness about the dangers of smoking and activities geared at the legislative and policy levels.

In addition, the Department's Environmental Health Services Division implemented 141 compliance checks in order to enforce the Adolescent Tobacco Use Prevention Act (ATUPA) which prohibits tobacco sales to minors and restricts the location of cigarette vending machines. Fifty-two (52) enforcement actions resulted. This initiative has appeared in the local newspapers and has helped in raising the community's awareness.

- 4) The County's Public Health Nutritionist focuses her attention on the prevention of chronic disease associated with dietary and life-style risk factors. Some of the programs offered by the Public Health Nutritionist are the Five-A-Day Cancer Prevention Program offered to the public on a 12-month basis. This program offers dietary information about foods that may prevent certain cancers. Other programs relative to cancer prevention include training for home health aides on "The Dietary Management of the Home Bound Cancer Patient". In addition, the Public Health Nutritionist, who is also the Coordinator of the Worksite Wellness Program works with and provides training to Health Department nurses, community health care agencies, county employees, local business and school officials to promote proper nutrition and healthy eating habits, increase physical activities and develop healthy life-style habits in the prevention of cardiovascular disease. The Public Health Nutritionist also functions as a consultant to the Department's Nursing staff to advise on the management of special diets for clients who are admitted to the County's Certified Home Health Agency. Many of the Putnam County residents are diagnosed with one or more chronic diseases.

Support groups for persons with chronic diseases are available in Putnam County. Active groups include diabetes, asthma, cancer, pulmonary rehab, pulmonary rehab spousal support, stroke (and other disabilities), MS and mental illness.

- 5) Support services for developmentally disabled adults including vocational rehabilitation and a community residential program are offered by PARC and Hudson Valley Community Services. Transportation is available.

93

DISEASE CONTROL

Priority Area E: Chronic Disease (Continued)

Needed Additions and Changes to Service

- 1) The Health Department has applied for a grant to expand the Wellness Program to other of the larger employers in Putnam County. The proposal would support efforts by other worksites to set up their own wellness programs based on the Putnam County model. Leaders of the Putnam County program would act to train identified persons at the new site.
- 2) The Putnam County Health Department has applied for a grant to provide education to primary providers about updated screening and diagnostic techniques. The grant would support the work of the Healthy Living Partnership which relies on

collaboration with local providers.

DISEASE CONTROL

Priority Area F: HIV

Current Efforts:

- 1) The Putnam County Health Department in collaboration with Westchester ARCS offers confidential HIV counseling and testing at the Putnam County Health Department offices on two (2) mornings per week. Testing is free, lab fees are paid by the person's insurance or is free through the New York State Department of Health.
- 2) Confidential testing is offered through the same collaboration to the participants of the detoxification and referral program at St. Christopher's Inn, Garrison. Testing is offered every other week.

- 3) Education to prevent transmission of HIV is provided to a large number of high risk groups in Putnam County through the efforts of the part time AIDS Educator. She has presented to:
 - a) inmates of the county jail
 - b) participants in substance abuse programs
 - c) workers at various facilities
 - d) youth on probation
 - e) brochures available at various sites around the county
 - f) school children and teens in the school through the mandated HIV/AIDS curriculum, through a special music program conducted in a recreation department.
 - g) collaboration with the Putnam AIDS Task Force and other HIV educators to provide HIV prevention programs to the general public and targeted groups (ie., youth, women)
 - h) the public through articles in local media and through the efforts of the Putnam AIDS Task Force - a collaboration of concerned persons in Putnam County, some representing agencies and some interested individuals. The Task Force offers educational programs, assistance and advocacy for persons with HIV/AIDS and public events such as World AIDS Day.
- 4) Needs assessments are carried out to identify gaps in education programs and improve services. Two (2) recent Needs Assessments have targeted the general public and youth.
- 5) Volunteers of America offers case management services to persons with HIV/AIDS offering home visits.
- 6) Putnam County ARCS offers case management services and transportation to persons with HIV/AIDS as well as a food pantry, and supportive services (group and individual support).

95

DISEASE CONTROL

Priority Area F: HIV (Continued)

- 7) Medical services for persons with HIV/AIDS are provided by:
 - a) an infectious disease doctor with offices in Brewster.
 - b) The HIV/AIDS clinic at Westchester County Medical Center. There is no direct transportation except by car. Medicaid is accepted and there is a sliding fee scale.
 - c) Planned Parenthood's clinic in Brewster provides gyn care free of charge to HIV infected women.
- 8) Mental Health Care is provided by Putnam Family and Community Services through home visits with a psychiatrist or psych social worker.

Needed Additions and Changes:

Counseling and testing services should be offered at expanded times and to young people. A new collaboration with the Westchester County Medical Center program "Teen Heat" will offer confidential counseling and testing during the same time as currently scheduled immunization clinics.

FAMILY HEALTH

Priority Area G: Dental

Current Efforts:

- 1) Dental Clinic services for Medicaid clients and low income clients is offered at Hudson Valley Community Services. The clinic bills Medicaid and has a sliding fee scale.
- 2) Health Department serves as a referral source and supplier of educational materials for dental health education.

Needed Additions and Changes:

- 1) Additional clinic capacity may be needed to serve under and uninsured populations.
- 2) Additional dental health education is necessary to foster preventive messages about Dental Health.

FAMILY HEALTH

Priority Area H: Child Health

Current Efforts:

The Putnam County Health Department sponsors a number of programs to improve the health of children.

- 1) Efforts to improve access to primary care are described above under Disease Control promoting Child Health Plus.
- 2) The Putnam County Health Department seeks to identify children at risk for or in need of special health care services at as early an age as possible. Area hospital nurseries are given the Putnam County Health Department Child Find Form which assists hospital personnel in identifying infants in need of followup. Health Department nurses visit two (2) local newborn nurseries on a regular basis to assist in the identification process. Infants are referred for regular Maternal Child Health home visits for postpartum newborn assessments, breast feeding support and teaching regarding newborn care and growth and development. Infants at risk for developmental delay are referred to the ICHAP program. Risk factors include LBW, VLBW, prematurity, stay in a NICU and parenting concerns as well as others. They receive regular developmental screenings which are either parent reported or nurse

conducted. Referrals are made as necessary to the Early Intervention Program and reports are made to the primary physician. Infants and children 0 to 3 years of age with demonstrable delay or with conditions associated with developmental delay are referred directly to the Early Intervention Program where case management services ensure the child gets a multidisciplinary diagnostic workup and appropriate treatment. Transition to the Early Childhood Program administered by the schools and the Putnam County Health Department is part of case management services.

- 3) The Perinatal Hepatitis B Program is described above under Disease Control.
- 4) The Newborn Screening Program provides followup for those children whose first testing was inadequate in some way or who need followup and referral.
- 5) the WIC Program provides nutritional education and support for eligible children until they reach the age of 5 years (see also Maternal and Perinatal Care and Nutrition).
- 6) The Putnam County Child Care Council offers training to child care providers including information on prevention of transmission and reporting of communicable disease.
- 7) Services for the developmentally disabled child are offered at Hudson Valley Community Services, PARC. Transportation is available.

98

FAMILY HEALTH

Priority Area H: Child Health (Continued)

- 8) The BOCES Teen Pregnancy Program provides an in school support and parenting education program for teens who have babies to encourage them to complete their high school education.
- 9) Green Chimneys in the town of Southeast is a residential center for troubled youth ages 14-18 years. Medical services are available on site.

Needed Additions and Changes:

- 1) Maternal Child Health staff of the Health Department (home visits, WIC, Early Intervention, Immunization, Lead, Infant/Child Health Assessment Program, Physically Handicapped Children-s Program) will be educated regarding the New Head Start Program in an effort to identify children who would benefit by this early educational experience.
- 2) Immunization will be offered to middle and high school students at school sites to protect against Hep B (and other communicable diseases if needed).
- 3) An educational campaign will be instituted to raise awareness of availability of Child Health Plus. A collaborative effort among agencies and organizations which serve children should be implemented.

FAMILY HEALTH

Priority Area I: Lead

Current Efforts:

- 1) The Putnam County Health Department Childhood Lead Program Coordinator provides lead testing for low income children in WIC clinics and for uninsured and underinsured children at other clinics at the Health Department site. Services are free or on a sliding fee scale.
- 2) The Lead Program Coordinator also performs case management and followup for all children with elevated leads who reside in the County regardless of where they were tested. An Environmental Health Services Lead Program person does environmental assessments of places where children with elevated leads visit or reside. Steps taken to protect a child may include condemnation of a site and arrangement for a lead free living environment.
- 3) The Lead Program Coordinator provides outreach regarding lead poisoning to pediatricians, parents, day care providers and the public through written materials, media messages and attendance at public forums such as health fairs.
- 4) Children who are uninsured or underinsured are referred to Medicaid or Child Health Plus.

Needed Additions and Changes:

None identified at the present time.

100

FAMILY HEALTH

Priority Area J: Maternal and Perinatal Care

Current Efforts:

- 1) The Putnam County Health Department Maternal Child Health Program provides visits to antepartal women in need of evaluation, support or to prepare for breast feeding. Nurses provide assessment to identify women who are at risk for a poor pregnancy outcome.
- 2) Maternal Child Health nurses make home visits to newborn postpartum dyads as mentioned above.
- 3) The WIC Program provides nutritional and education support to financially eligible pregnant or breast feeding women and children to age 5.
- 4) In a collaboration between the Putnam County Health Department WIC program and the Program Committee of the Putnam March of Dimes, prenatal classes are offered to pregnant women at the Putnam County Health Department site. Classes are in the evening and at no charge. Classes are in English and Spanish.
- 5) In another collaboration between the Putnam County Health Department WIC clinic and the Program Committee of the Putnam County March of Dimes, a prenatal incentive program is offered. Women who enter early prenatal care, make all scheduled visits and a followup visit receive gifts and a financial award.
- 6) An Agency Administrator, Public Health Nutritionist, Early Intervention Director, and Immunization Clerk continue to actively participate on the Putnam Division of the March of Dimes Board which focuses activities on reducing infant mortality. Some other activities include:

- 7 Grand Rounds Events offered to professional staffs at local hospitals.
 - 7 Distribution of the Putnam Peri-natal Press Newsletter to keep providers of Maternal Child Health services updated on pertinent issues and enhance networking among Maternal Child Health providers.
 - 7 March of Dimes Committees utilize community collaborations which include representatives from the local hospitals, Planned Parenthood, Department of Social Services, Child Care Council, and other community organizations.
- 7) Children who are identified as being uninsured or underinsured are referred to Medicaid or Child Health Plus.
 - 8) Women receive preconceptual care at the Planned Parenthood Clinic in Brewster which bills Medicaid and has sliding fee scale.
 - 9) Members of the Maternal Child Health nursing staff participate in the Westchester/Rockland/Putnam Lactation Consortium in an effort to promote breast feeding through professional education and creation of breastfeeding support in area hospital nurseries.

101

FAMILY HEALTH

Priority Area J: Maternal and Perinatal (Continued)

- 10) The Putnam County Health Department WIC Program has a Breast Feeding Peer Support Program and trains program participants as Breast Feeding Support Counselors. They make telephone calls or home visits to mothers in need of breast feeding support.
- 11) The House of Nazareth Life Institute offers residential care for pregnant young women ages 15-21 who are planning to surrender their infant for adoption.

Needed Additions and Changes:

- 1) Putnam County needs a prenatal clinic within the county and with improved access. The clinic should be able to take Medicaid and have a sliding fee scale as well as bill insurance for service.

The Associate Public Health Director of the Putnam County Health Department, Planned Parenthood and the CEO of an area hospital have been meeting to try to accomplish this goal.

- 2) Additional outreach is necessary for an emerging Latino immigrant population relative to Maternal Child Health services and needs.

FAMILY HEALTH

Priority Area K: Family Planning

Current Efforts:

- 1) Planned Parenthood has a office in Brewster which offers family planning and women=s health services. The office accepts Medicaid and provides service on a sliding fee scale. It is available by car or by the County=s Bus line.
- 2) A Health Department Administrator participates on Planned Parenthood=s local area Council which serves as a forum for County residents to offer input and feedback into services provided as well as to promote current Planned Parenthood services.
- 3) Area obstetricians and gynecologists offer family planning and women=s health services.
- 4) At the present time, there is one Medicaid Managed Care provider which offers obstetrical/gynecological services for women eligible for Medicaid.
- 5) Education regarding family planning is provided on a one-to-one basis to all women participating in the Health Department=s WIC Program. Family Planning information is also provided to women who receive ante and postpartum home visits by the Department=s Maternal Child Health Nurses. Referrals are made on an as needed basis.

Needed Additions and Changes:

- 1) Planned Parenthood is not on the Medicaid Managed Care provider list which directs access and choice for Medicaid-eligible women. The Associate Public Health Director has meet with both the Department of Social Services and Planned Parenthood about the latter=s participation in the CarePlus network (pending Medicaid Managed Care provider).
- 2) Information on preconceptual care should be offered to high school students. March of Dimes might be able to provide support for this initiative.

FAMILY HEALTH

Priority Area L: Nutrition

Current Efforts:

- 1) WIC Program is described above.
- 2) The Health Department's Public Health Nutritionist provides preventive, therapeutic and educational services to individuals at risk for nutrition-related illnesses. The Public Health Nutritionist focuses on the prevention of chronic diseases such as cancer, cardiovascular disease and diabetes. She also offers education and information regarding the preventive aspects of prenatal care. The Public Health Nutritionist serves as the Health Department's WIC Administrator, Worksite Wellness Coordinator and March of Dimes Program Committee Chairperson. Nutrition-related preventive therapeutic and educational services are provided by the Public Health Nutritionist through these forums. In addition, the Nutritionist offers individual nutrition counseling by referral from the Health Department's Medical Consultant, home care nurses and other community health care providers (see Chronic Disease).
- 3) A grant application was submitted to the New York State Department of Health to expand Worksite Wellness Programs to major employers in the County. The County's successful Worksite Wellness Initiative will serve as the model for other employers. The Health Department's Public Health Nutritionist will serve as consultant on nutrition-related issues to designated employers. (See Chronic Disease).

Needed Additions and Changes:

- 1) Expanded activities to encourage Putnam County residents to undertake a more healthy life style which incorporates avoidance of overweight, an increase in physical activity to control some of the avoidable risk factors for cardiac disease and cancer. This will necessitate the addition of increased Nutritionist time devoted to mandated Public Health Programs.
- 2) Expanded activities to promote smoking cessation as smoking is a risk factor in the above illnesses as well as poor perinatal outcomes.

FAMILY HEALTH

Priority Area M: Injury Prevention

Current Efforts:

- 1) Health Educator provides information and referrals to the general public via distribution of written materials, health education programs, tabletop displays and media releases.
- 2) Putnam County offers defensive driving courses to County employees annually. Work release time is granted and the only fee is for the certificate.
- 3) Putnam County has a Traffic Safety Coordinator who oversees the Traffic Injury Prevention Program and is a member of the Putnam County Traffic Safety Board. The Program offers traffic safety programs to all ages including commuter driving skills, defensive driving and school bus safety. The Coordinator also administers the county-wide car seat and bicycle safety programs. In addition, the Coordinator oversees the Commuter Traffic Safety Program which works with area businesses to demonstrate how motor vehicle accidents impact on business profits. Health Education programs (Health Fairs, 4-H Fair) are also provided by the Traffic Safety Coordinator.
- 4) The Putnam County Action Program has a Car Seat Program and Bicycle Helmet Program. This program is promoted to WIC participants and referrals are made as needed.
- 5) SADD. A SADD chapter is active at the Mahopac High School.
- 6) Putnam Hospital Center-s Community Education Program offers a defensive driving program for AARP and runs a Bicycle Safety Clinic on an annual basis.
- 7) The Putnam County Executive and Legislature have authorized two (2) new positions for the hiring of deputies dedicated to traffic safety.
- 8) People Against Domestic Violence. This coalition seeks to raise awareness about the prevalence of domestic violence and bring together persons and agencies concerned about the issue.
- 9) The DARE Program is sponsored by the Putnam County Sheriffs Department and presented in area schools.

FAMILY HEALTH

Priority M: Injury Prevention (Continued)

- 10) Nurses employed by the Putnam County Health Department complete mandatory training in recognition of child abuse and are oriented in reporting locally and to the New York State Hot Line.
- 11) The Putnam/Northern Westchester Women's Resource Center provides counseling and a resource/referral center for women. Victims of domestic violence are assisted to the "safe house" and receive legal consultation. There are support groups for victims of domestic violence.
- 12) The National Council on Alcoholism offers a drop-in center, a weekly relapse prevention program and parenting/early childhood education programs. It provides referral to Alcoholics Anonymous support groups held throughout the area.
- 13) The Poison Control Center is located at Phelps Memorial Hospital but has 800 # access. They offer advice in treatment of poisoning and also offer educational programs to health care providers, child care providers and the public.
- 14) Arms Acres is an alcohol and substance abuse center offering inpatient detox and rehabilitation stays and outpatient programs for adults and adolescents.
- 15) Putnam Mental Health Services offer crisis intervention and day hospital services. Crisis services may be delivered in the home or at the site of the crisis.
- 16) The Putnam Hospital Center has an inpatient mental health detox unit.
- 17) Putnam Family and Community Services offer outpatient psychological counseling, a day treatment center and programs for treatment of alcohol and substance abuse. In addition, this organization administers the Drinking Driver Program to work with substance abusers in relation to the hazards of driving under the influence.
- 18) The Green Chimney's Arbor House offers crisis intervention counseling and temporary shelter for children and adolescents ages 7-18.
- 19) The Putnam Rural Emergency Health Network has been formed to coordinate fire and EMS services and is a collaboration between those local (town) and county groups. Emergency personnel are being trained as first responders to increase the numbers of persons able to respond appropriately to emergency in this quiet rural community.

FAMILY HEALTH

Priority Area M: Injury Prevention (Continued)

Needed Additions and Changes:

- 1) The Putnam County Health Department needs more county level information on injuries and behaviors that place persons at risk for injury. The results of the BRFSS which will provide information pertinent to Dutchess and Putnam Counties is needed.
- 2) Efforts need to be made to promote a safe work environment including repetitive trauma injury.
- 3) There is a need to focus on preventing falls in the elderly through an education and assessment program.
- 4) A Directory of Services related to Injury Prevention and Control Services needs to be completed.
- 5) The problems of suicide and youth suicide must be reviewed and an interagency response formulated.
- 6) The problems of the numbers of motor vehicle accidents must be addressed.

SECTION 5 - OPPORTUNITIES FOR ACTION

Priority Area A: Control of Communicable Disease

The current level of effort must be maintained by the Putnam County Health Department. Efforts must continue to improve the reporting of disease by local primary care providers.

The Health Department must enlist the help of all professionals and agencies who provide care or support for children ages 0-19 in an effort to improve the number of children who are appropriately insured and linked to a medical home. Outreach should include businesses, schools, health care providers and the media.

The Health Department should continue collaboration with the Peekskill Area Health Center to improve care to migrants. Efforts to enlist the services of a translator should continue.

The Health Department will continue to participate in a leadership capacity in the Putnam Latino Alliance to coordinate efforts to serve this population and continue to assess their special needs.

Hudson Valley Community Services will set up a primary care site in Brewster to serve low income persons. The Putnam County Health Department will support this effort by providing certain services.

See also Section VI-A.

Priority Area B: STD

See Section IV-B.

Priority Area C: TB

See Section IV-C.

Priority Area D: Immunization

The Putnam County Health Department must continue outreach to pediatricians, day care providers, day care centers and nursery schools to continue assessment of the rate of immunization in 1 and 2 year olds in the County.

A special outreach must be devised to the one pediatric practice which has not allowed an assessment thus far.

Community organizations such as Rotary must be linked with to provide public education regarding the need for immunization.

See Section IV-D.

Priority Area E: Chronic Disease

See Section IV-E for opportunities to link with other community businesses and organizations.

Priority Area F: HIV

The Putnam County Health Department must continue current and expand outreach efforts to area businesses, organizations and schools.

See Section IV-F.

Priority Area G: Dental

The Putnam County Health Department will support the clinic through referral and outreach.

See Section IV-G.

Priority Area H: Child Health

See Section IV-H.

Priority Area I: Lead

The Putnam County Health Department will continue current efforts and will continue outreach and education to professionals regarding the need for lead screening.

Priority Area J: Maternal and Perinatal Health

See Section IV-J.

Priority Area K: Family Planning

Continue to support the efforts of the Family Planning Clinic in Putnam County through public education, outreach and referral.

See Section IV-K.

Priority Area L: Nutrition

See Section IV-L.

Priority Area M: Injury Protection

See Section IV-M.

SECTION 7 - COMMUNITY REPORT CARD

See Attached

Putnam County meets New York State levels or betters them in every area but two:

Alcohol Related Motor Vehicle Accidents

The number in Putnam County far exceeds the New York State rate and is twice that of the Healthy People Target 2000 (HP2K) goal of 35.

Mental Health

Self-inflicted Injury (age 10+). The rate in Putnam County again far exceeds the New York State rate.

Access to and Delivery of Health Care

Pediatric Asthma discharges are very low compared to the New York State rate.

The rate of entry into prenatal care is 86.4%, a significantly better rate than the rest of the State (70.4%). The HP2K is 90%.

However, access to care issues are significant in Putnam County as described above and the rate of entry into prenatal care is falling making this issue of priority concern in the County.

Education

The number of residents receiving a high school Regents diploma is 55.3% which is well over the New York State rate of 39.6%. As noted above, the rate of college graduates is 36% in the County. The HP2K is 90%.

Births

The rate of very low birthrate births is 1.6%, about the same as the New York State rate of 1.5%. The actual number is quite small. As the number of teen pregnancies is low, intervention to improve this rate will be focused on access to care problems.

Nutrition/Physical Activity

The rate of Cardiovascular Heart Disease Mortality is 261.7 as compared to a New York State rate of 406.2. Although significantly lower, the rate is still unacceptably high and the leading cause of death in the County.

Work Environment/Worker Related Injury Mortality

Although the rate in Putnam County is very slightly higher than the New York State rate, the number of cases is very low (2) and the rate may not be statistically significant.

Sexual Activity

The rate of adolescent pregnancies (age 15-19) is 28.4, significantly lower than the New York State rate of 88.5. The Healthy People 2000 goal of no more than 50 pregnancies per 1000 adolescent girls ages 17 and younger is more than met in Putnam County.

Tobacco Use

The rate of lung cancer deaths is 53 in Putnam County, very close to the New York State rate of 53.8. Cancer is the second highest cause of death in the County.

Unintentional Injury

The rate of non-motor vehicle mortality is 7.6 as compared to a New York State rate of 13.6. Certain age groups in Putnam County are at higher risk (the elderly).

Violent and Abusive Behavior

The numbers of assault-related hospitalizations are very low in Putnam County and the rate is also very low, lower than the New York State rate by a significant amount. Domestic violence is a community concern, however, as witnessed by the existence of the local coalition "People Against Domestic Violence".

B. Distribution of Document

The Community Health Assessment is considered to belong to the community as it goes beyond outlining Health Department activities and tries to identify the efforts of other agencies and providers who have impact on the health of Putnam County residents. Copies will be given to:

- 1) The County Executive
- 2) The Secretary of the Board of Legislators for the use of the members of that body
- 3) Each member of the Board of Health

Certain persons and agencies will be contacted by letter to offer a copy of the document:

- 1) Each department head in the County concerned with the health of county residents: Sheriff, Probation, Youth Bureau, Department of Social Services, Mental Health Services, and Traffic Safety
- 2) Each agency or group identified in the report as providing services.
- 3) Libraries

INFORMATION SOURCES

INFORMATION FOR COMMUNITY HEALTH ASSESSMENT WAS OBTAINED FROM

THE FOLLOWING SOURCES:

Communities Working Together for a Healthier New York
Community Health Indicators - 1996

Communities Working Together for a Healthier New York
Opportunities to Improve the Health of New Yorkers
Report to the Commissioner of Health from the New York State Public Health
Council - 09/96

Putnam County Department of Social Services and Mental Health

Northern Westchester Hospital

Hudson Valley Hospital Center

Danbury Hospital

New York State Department of Vital Statistics

New York State Behavior Risk Factor Survey

New York State Youth Risk Behavior Survey

New York State SPARCS Data

New York State Bureau of Biometrics

Planned Parenthood of Hudson Peconic

Putnam County Mental Health Association

Youth Bureau - Survey of Need and Resources

KIDS Count 1998

New York State Department of Motor Vehicles

Putnam County Traffic Safety Board

Putnam County Health Department Annual Agency Report

MMWR 09/04/98, Volume 47, No 34

New York State Department of Labor

Putnam County Division of Planning

Westchester Hispanic Coalition

Putnam Latino Alliance - Needs Assessment

Putnam Hospital Center Community Service Plan

Healthy People 2000, Midcourse Review and 1995 Revisions, Review 1997

United Way of Westchester/Putnam
Survey: Resources, Issues, Steps Toward Solutions

United States Census Bureau Statistics compiled by Empire State Department

Economic Study by School of Management, Bureau of Economic Research at Marist College

New York Metropolitan Transportation Council

Census by American Demographics - 12/92

Report of Service - Putnam County Community Action Program
10/01/97 - 07/29/98

Putnam County WIC

New York State Department of Economic Development

New York State Department of Health Bureau of Managed Care Financing - 7/96

New York State Department of Social Services MMIS Capitation Enrollment Report -
6/97

New York State Department of Labor

New York State Cancer Registry

New York State Vital Statistics

Poison Control Center