

This assessment is to be used to aid in identifying the needs of specific counties and communities, as well as the needs of the low-income population within each county, and to be used in developing future programs to address these needs.

Health Report

This report includes information derived from standard local, state, or national sources on:

- Nutrition
 - Senior Nutrition
- Health Care
 - Medicare and Medicaid Providers
 - Persons Receiving Medicare
 - Child Health Insurance Program (CHIP) Enrollment
 - Uninsured Population
 - Prenatal Care
 - Births
 - Number of Deaths and Death Rate
 - Leading Causes of Death
 - Physicians
 - Dentists
 - Nurses
 - Mental Health Professionals
 - Therapists
 - Special Health Professionals

NUTRITION

Nutrition: Senior Nutrition

Nutritional services provided to those persons age 60 and older are shown in Table 74. According to area agencies on aging in the 5 county area, a total of 3,130 meals were either served at centers or delivered to homes.

Some agencies, if applicable to this reporting area, report for a multi-county area. These Counties are noted under *Additional County(s) Served*.

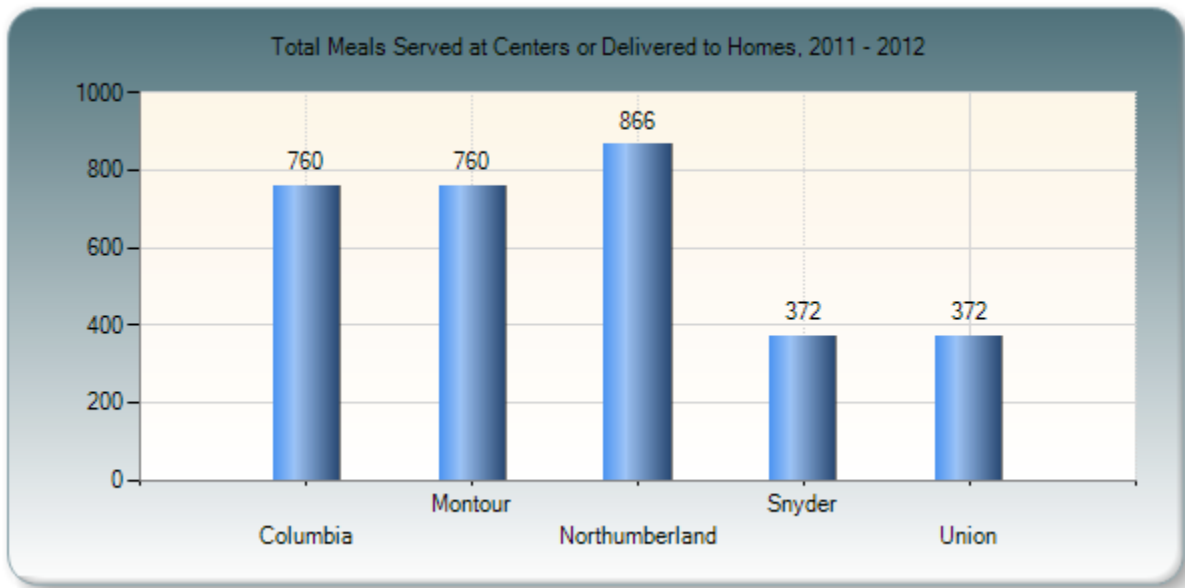


Table 74. Services Provided to Persons Age 60 and Older, 2011 - 2012

County	Additional County(s) Served	Total Congregate Meals	Total Home Delivered Meals
Columbia	Montour	390	370
Montour	Columbia	390	370
Northumberland	None	464	402
Snyder	Union	260	112
Union	Snyder	260	112
Report Area	no data	1,764	1,366
Pennsylvania	None	76,547	32,119

Source: [Pennsylvania Department of Aging, Table 7-13 A-C. Fiscal year 2011-12.](#)

HEALTH CARE

Health Care: Medicare and Medicaid Providers

The total number of institutional Medicare and Medicaid providers, including hospitals, nursing facilities, federally qualified health centers, rural health clinics and community mental health centers for the 5 county report area is shown in Table 75. According to the U.S. Department of Health and Human Services, there were 140 active Medicare and Medicaid institutional service providers in the report area in 2012. Northumberland County had the most active providers (44), while Snyder County had the fewest (13).

Table 75. Institutional Medicare and Medicaid Providers, 2012

County	Total Institutional Providers	Hospitals	Nursing Facilities	Federally Qualified Health Centers	Rural Health Clinics	Community Mental Health Centers
Columbia	37	17	7	0	0	1
Montour	23	10	4	0	0	0
Northumberland	44	18	12	0	4	1
Snyder	13	6	3	0	0	0
Union	23	14	2	0	0	0
Report Area	140	65	28	0	4	2
Pennsylvania	6,090	3,566	510	223	145	83

Source: [*United States Department of Health and Human Services, Centers for Medicare and Medicaid Services, Provider of Services File, Fourth Quarter, 2012*](#)

Health Care: Persons Receiving Medicare

The total number of persons receiving Medicare is shown, broken down by number over 65 and number of disabled persons receiving Medicare for the 5 county report area in Table 76. The U.S. Department of Health and Human Services reported that a total of 51,534 persons were receiving Medicare benefits in the report area in 2007. A large number of individuals in our society are aware that persons over 65 years of age receive Medicare; however, many of them are unaware that disabled persons also receive Medicare benefits. A total of 8,656 disabled persons in the report area received Medicare benefits in 2007. Northumberland County had the highest number (3,752) of Medicare recipients among disabled persons, while Montour County had the lowest number (571) of Medicare recipients among disabled persons.

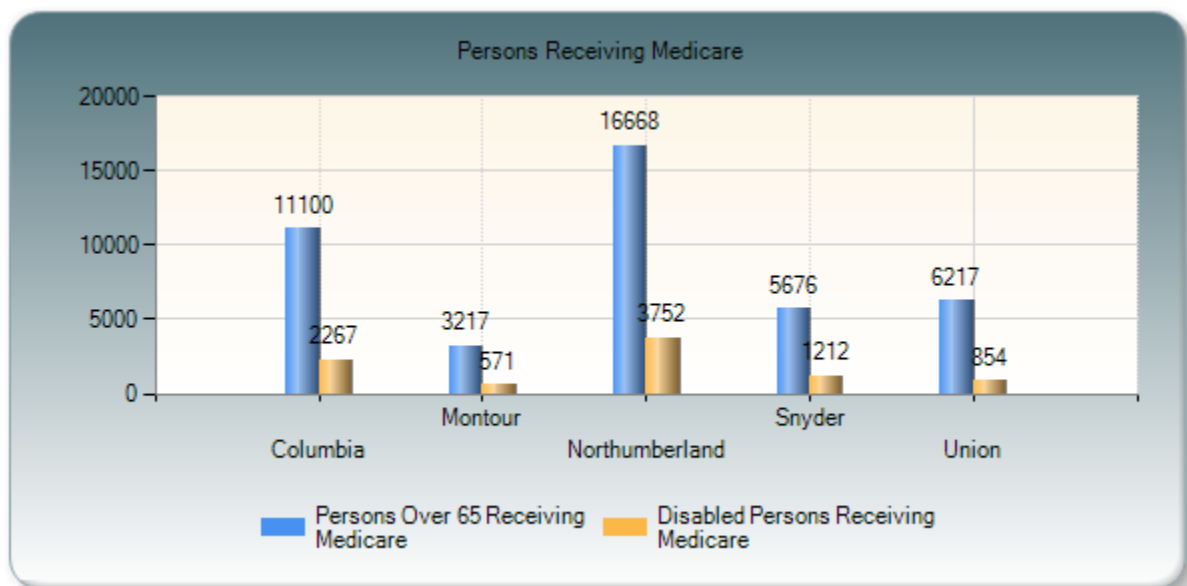


Table 76. Medicare Enrollment by County, 2011

County	Persons Over 65 Receiving Medicare	Disabled Persons Receiving Medicare	Total Persons Receiving Medicare
Columbia	11,100	2,267	13,367
Montour	3,217	571	3,788
Northumberland	16,668	3,752	20,420
Snyder	5,676	1,212	6,888
Union	6,217	854	7,071
Report Area	42,878	8,656	51,534
Pennsylvania	1,894,134	364,231	2,258,365

Source: [United States Department of Health and Human Services, Centers for Medicare and Medicaid Services, Medicare County Enrollment Report, 2011.](#)

Health Care: Child Health Insurance Program (CHIP) Enrollment

Child Health Insurance Program (CHIP) enrollment is shown in Table 77. Total enrollment in the 5 county area is 3,904 children. The number of enrollees whose household income is no greater than 200 percent of the Federal Poverty Level (FPL) totals 3,342, while those enrolled where FPL is greater than 300 percent equals 32 children.

Families who are at or above 200% of the Federal Poverty Level pay in part on a sliding scale for CHIP services.

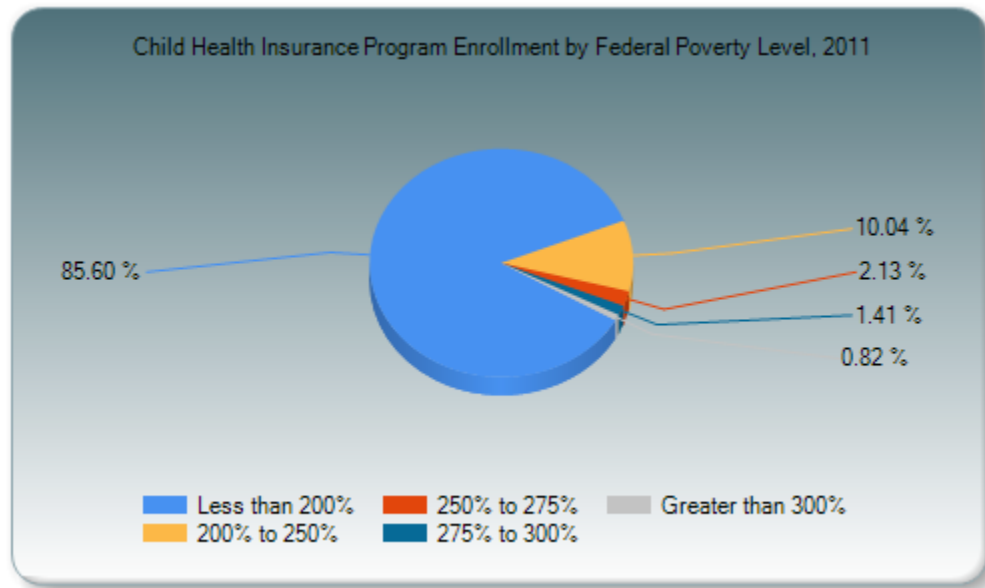


Table 77. Child Health Insurance Program (CHIP) Enrollment, 2011

County	Total Enrollment	Federal Poverty Levels			
		Less than 200%	200% to 250%	250% to 275%	275% to 300%
Columbia	990	845	115	15	7
Montour	217	184	22	7	0
Northumberland	1,463	1,277	128	22	25
Snyder	675	565	67	22	16
Union	559	471	60	17	7
Report Area	3,904	3,342	392	83	55
Pennsylvania	194,439	160,967	21,653	5,331	3,222

Source: [2011 Annual Report to the Legislature, Pennsylvania's Children's Health Insurance Program.](#)

Health Care: Uninsured Population

The uninsured population is calculated by estimating the number of persons eligible for insurance (generally those under 65) minus the estimated number of insured persons. In 2010, the percentage of uninsured persons ranged from 10 percent in Montour County to 14 percent in Snyder County. Comparatively, the Pennsylvania rate was 12.1 percent and the national rate was 17.7 percent.

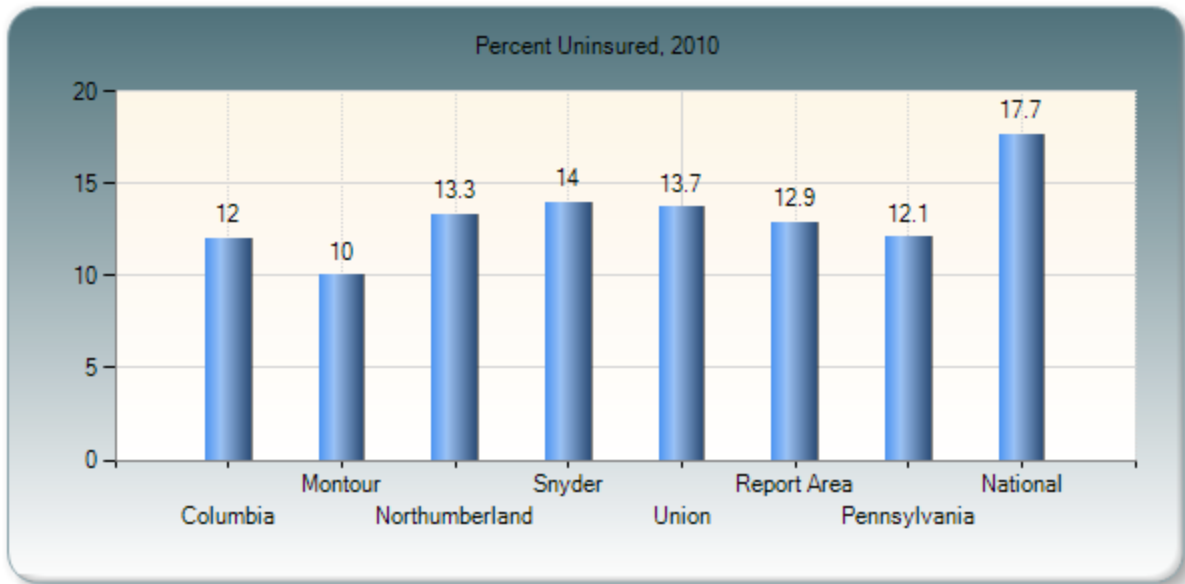


Table 78. Uninsured Persons, 2010

County	Insurance Population (2010 Estimate)	Number Insured	Number Uninsured	Percent Uninsured
Columbia	52,324	46,057	6,267	12.0%
Montour	14,494	13,038	1,456	10.0%
Northumberland	74,162	64,299	9,863	13.3%
Snyder	31,364	26,983	4,381	14.0%
Union	29,729	25,666	4,063	13.7%
Report Area	202,073	176,043	26,030	12.9%
Pennsylvania	20,801,794	18,292,447	2,509,347	12.1%
National	262,403,379	215,846,576	46,556,803	17.7%

Source: [United States Census Bureau, Small Area Health Insurance Estimates, 2010 \(October 2012 release\)](#).

Health Care: Prenatal Care

Prenatal care significantly factors into the health of pregnant women and the birth of healthy babies. In 2011, a total of 50 women did not receive prenatal care in the 5 County report area. The total number of women's first prenatal care visit occurring in the 1st trimester of pregnancy was 1,790; the total of first visits during the 2nd trimester was 575; and, for the 3rd trimester the total was 147 first time visits. Women's first prenatal care visit in an unknown trimester totaled 45 occurrences. There were 50 cases in which no prenatal care occurred.

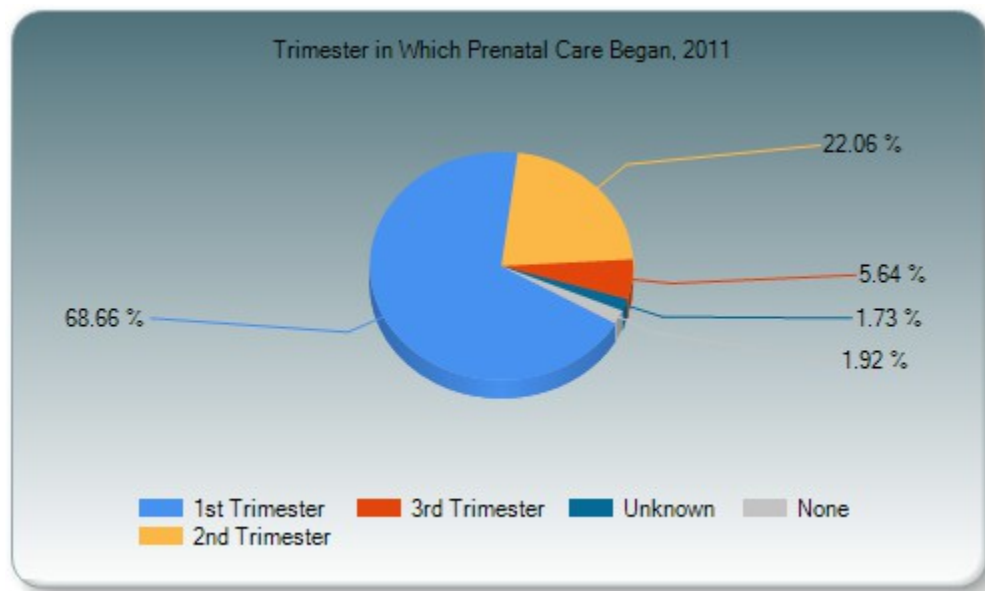


Table 79. Live Births by Birth Weight and Trimester of First Prenatal Visit, 2011

County	First Trimester			Second Trimester			Third Trimester	
	Under 2500 Grams	Over 2500 Grams	Unknown	Under 2500 Grams	Over 2500 Grams	Unknown	Under 2500 Grams	Over 2500 Grams
Columbia	42	398	0	16	106	0	2	34
Montour	14	141	0	1	42	0	1	18
Northumberland	48	664	0	15	161	0	3	39
Snyder	10	213	0	6	125	0	1	31
Union	8	252	0	9	94	0	0	18
Report Area	122	1,668	0	47	528	0	7	140
Pennsylvania	7,100	90,535	161	2,554	26,612	93	496	6,584

Table 79 (continued). Live Births by Birth Weight and Trimester of First Prenatal Visit, 2011

County	Unknown Trimester			No Prenatal Care	
	Under 2500 Grams	Over 2500 Grams	Unknown	Under 2500 Grams	Over 2500 Grams
Columbia	2	9	0	2	9

Montour	1	4	0	0	6
Northumberland	2	12	0	1	16
Snyder	2	7	0	0	7
Union	3	3	0	0	9
Report Area	10	35	0	3	47
Pennsylvania	954	4,512	154	464	1,765

Source: [*Commonwealth of Pennsylvania - Department of Health, Health Statistics and Research, 2011.*](#)

Health Care: Births

Most live births occurred with mothers 20-30 years of age, giving birth to 59.33 percent of all births in the report area. The second largest group is mothers 30-40 years of age, with 30.36 percent of births. Mothers over age 40 represent 1.55 percent of births.

Of interest are live births by mothers under the age of 19, who gave birth to 8.10 percent of all babies in the report area. These births can work against families being self-sufficient. Teen mothers are statistically less likely to continue education through high school and college, without which many may earn only low-income wages. Teen mothers and their children face increased health risk due to lack of education and resources.

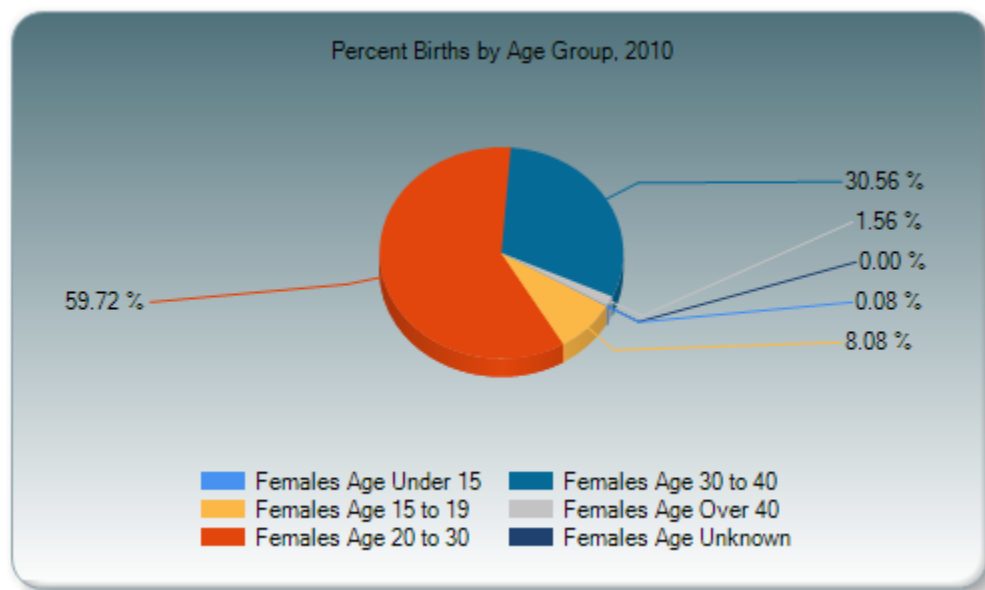


Table 80. Births by Females Age Under 15, and 15 to 19, 2010

County	Total Births	Mother Age				
		Under 15	15 to 19	20 to 30	30 to 40	Over 40
Columbia	613	no data	59	337	210	7
Montour	217	no data	7	132	68	10
Northumberland	935	2	85	570	261	no data
Snyder	416	no data	21	263	119	13
Union	398	no data	35	228	125	10
Report Area	2,579	no data	207	1,530	783	no data
Pennsylvania	142,370	153	11,929	72,603	53,634	3,966

Source: [Pennsylvania Department of Health, Bureau of Health Statistics and Research, 2010.](#)

Health Care: Number of Deaths and Death Rate

Number of Deaths and Death Rates are shown in Table 81. Birth and total death crude rates are per a 1,000 person population, while infant and neonatal death rates are per 1,000 live births. (Neonatal death denoting death within one week of a live birth.) Fetal death rates are per 1,000 deliveries (live births + fetal deaths) and exclude induced terminations. (Fetal death refers to stillborn or death after a 20 week gestation period.)

Subtracting the crude death rate from the crude birth rate provides the rate of natural increase, which is equal to the rate of population change in the absence of migration. According to the Pennsylvania Department of Health, Bureau of Health Statistics and Research, there were a total of 2,579 live births in the 5 county area, compared to 2,766 total deaths and 27 infant deaths. The rate of natural increase in the report area during 2010 was -187 lives.

Table 81. Number of Deaths and Death Rate, 2010

County	Live Births		All Deaths		Infant Deaths		Neonatal Deaths		Fetal Deaths
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number
Columbia	613	9.1%	684	10.2%	7	no data	6	no data	3
Montour	217	11.9%	201	11.0%	9	no data	8	no data	3
Northumberland	935	9.9%	1,160	12.3%	8	no data	6	no data	6
Snyder	416	10.5%	328	8.3%	2	no data	1	no data	5
Union	398	8.9%	393	8.7%	1	no data	1	no data	4
Report Area	2,579	no data	2,766	no data	27	no data	22	no data	21
Pennsylvania	142,370	11.2%	123,473	9.7%	1,035	7%	736	no data%	1,406

Source: [*Pennsylvania Department of Health, Bureau of Health Statistics and Research, 2010.*](#)

Health Care: Leading Causes of Death

Table 82 lists the top five causes of death in the 5 county region for 2010, along with the number of deaths associated with each cause.

Table 82a. Top Five Leading Causes of Death - Columbia County

Rank	Cause of Death	Total Number
1	Diseases of Heart	202
2	Cancer	163
3	Accidents	34
4	Chronic Lower Respiratory Disease	29
5	Stroke	26

Table 82b. Top Five Leading Causes of Death - Montour County

Rank	Cause of Death	Total Number
1	Diseases of Heart	59
2	Cancer	27
3	Alzheimer's Disease	13
3	Stroke	13
5	Birth Defects	8

Table 82c. Top Five Leading Causes of Death - Northumberland County

Rank	Cause of Death	Total Number
1	Diseases of Heart	336
2	Cancer	239
3	Stroke	71
4	Chronic Lower Respiratory Disease	68
5	Nephritis/Nephrosis	37

Table 82d. Top Five Leading Causes of Death - Snyder County

Rank	Cause of Death	Total Number
1	Diseases of Heart	78
2	Cancer	69
3	Accidents	17
3	Stroke	17
5	Chronic Lower Respiratory Disease	14

Table 82e. Top Five Leading Causes of Death - Union County

Rank	Cause of Death	Total Number
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1	Diseases of Heart	123
2	Cancer	82
3	Stroke	36
4	Chronic Lower Respiratory Disease	13
4	Nephritis/Nephrosis	13

Source: [*2010 Death Statistics, Pennsylvania Department of Health.*](#)

Health Care: Physicians

Table 83 shows the number of physicians and physician assistants for the 5 county report area. Northumberland County has the smallest number, 1.50 physicians per 1,000 persons, while Montour County has the most with 28.83 physicians per 1000 persons. There are 4.32 physicians per 1000 persons in the report area; the Pennsylvania average is 3.64 physicians per 1000 persons.

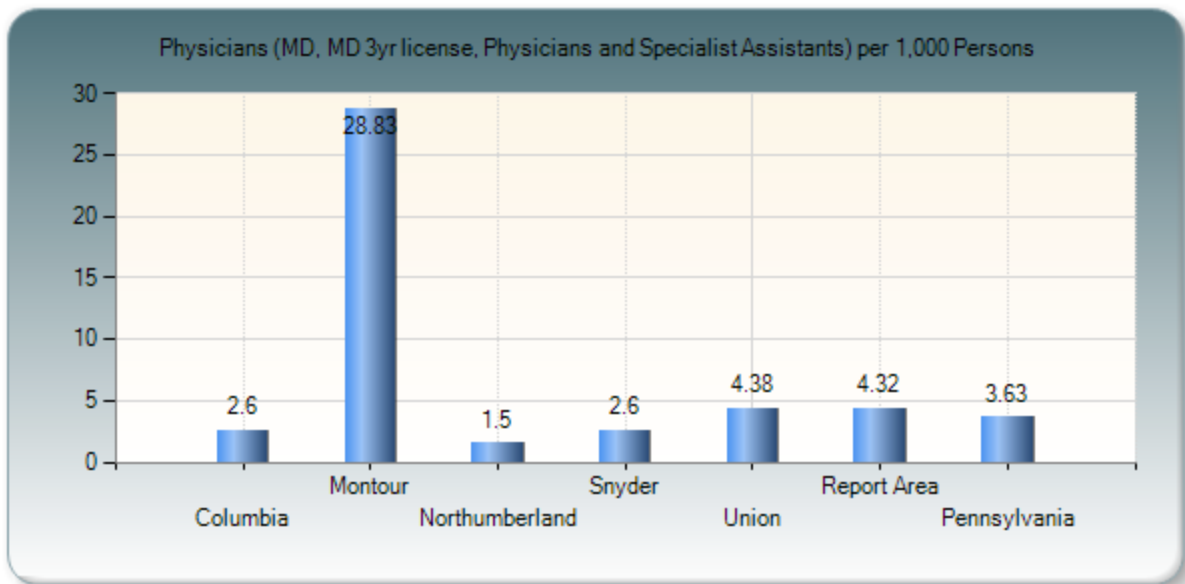


Table 83. Physicians and Assistants, March 2013

County	Medical Physicians / Surgeons	Medical Physician Assistants	Osteopathic Physicians / Surgeons	Physicians / Assistants per 1,000
Columbia	107	38	29	2.60
Montour	389	62	75	28.83
Northumberland	69	59	14	1.50
Snyder	43	38	22	2.60
Union	140	34	23	4.38
Report Area	748	231	163	4.32
Pennsylvania	34,795	5,258	6,059	3.63

Source: [Pennsylvania Department of State, Bureau of Professional and Occupational Affairs](#). March 2013; and [United States Census Bureau, American Community Survey, 2012 Data Release, December 2013](#).

Health Care: Dentists

Table 84 shows the number of dentists and dental hygienists for the 5 county report area. Snyder County has the smallest number, 0.93 dental professionals per 1,000 persons, while Columbia County has the most, 1.22 dental professionals per 1000 persons. The Pennsylvania average is 1.28 dental professionals per 1000 persons.

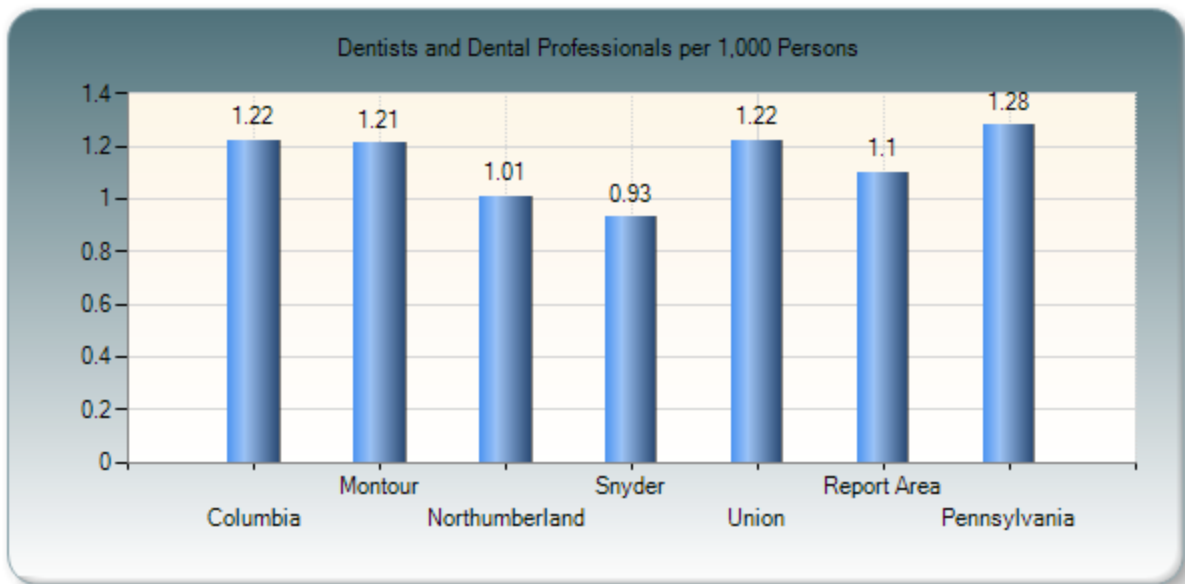


Table 84. Dental Professionals, March 2013

County	Dentists	Dental Hygienists	Dental Professionals per 1,000 Persons
Columbia	29	53	1.22
Montour	17	5	1.21
Northumberland	36	59	1.01
Snyder	19	18	0.93
Union	26	29	1.22
Report Area	127	164	1.10
Pennsylvania	8,387	7,813	1.28

Source: [Pennsylvania Department of State, Bureau of Professional and Occupational Affairs, March 2013](#); and [United States Census Bureau, American Community Survey, 2012 Data Release, December 2013](#).

Health Care: Nurses

Table 85 shows the number of nurses, nurse practitioners, and nurse specialists for the 5 county report area. Snyder County has the smallest number 17.04 of nursing professionals per 1,000 persons, while Montour County has the most 42.48 nursing professionals per 1000 persons. The Pennsylvania average is 18.73 nursing professionals per 1000 persons.

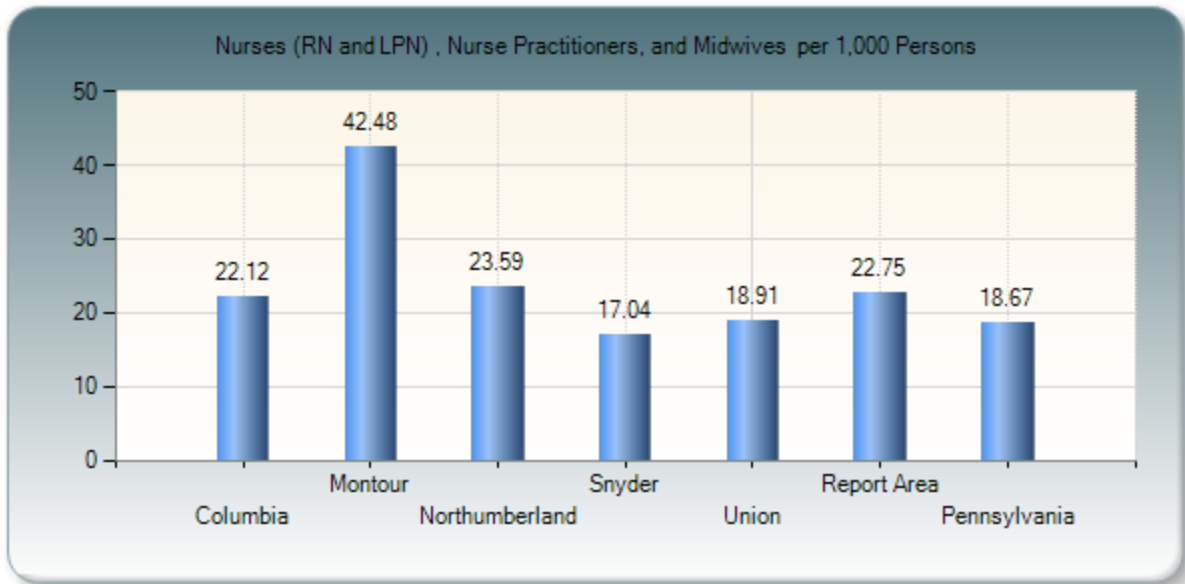


Table 85. Nurses, March 2013

County	Registered Nurses	Practical Nurses	Registered Nurse Practitioners	Clinical Nurse Specialists	Nurses per 1,000 Persons
Columbia	1,049	403	29	1	22.12
Montour	601	155	18	1	42.48
Northumberland	1,300	882	42	4	23.59
Snyder	385	276	14	0	17.04
Union	550	283	16	1	18.91
Report Area	3,885	1,999	119	7	22.75
Pennsylvania	177,827	52,130	7,013	133	18.67

Source: [Pennsylvania Department of State, Bureau of Professional and Occupational Affairs](#). March 2013; and [United States Census Bureau, American Community Survey, 2012 Data Release, December 2013](#).

Health Care: Mental Health Professionals

Table 86 shows the number of mental health professionals for the 5 county report area. Northumberland County has the smallest number (0.10) of mental health professionals per 1,000 persons, while Montour County has the most (0.99) mental health professionals per 1,000 persons. The Pennsylvania average is 0.42 mental health professionals per 1000 persons.

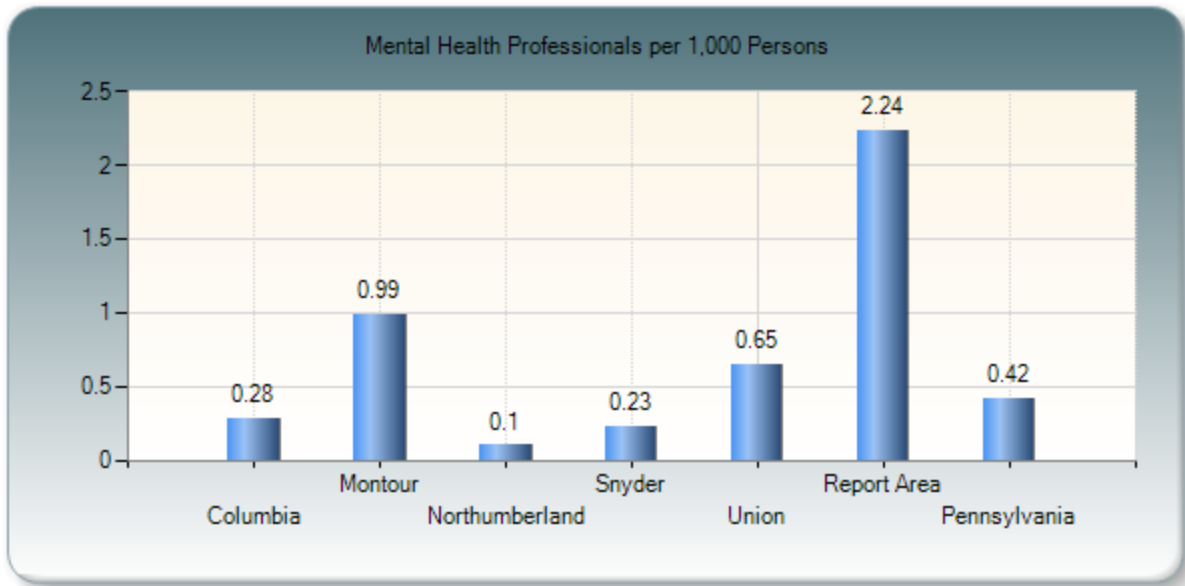


Table 86. Mental Health Professionals, March 2013

County	Psychologists	Psychologist per 1,000 Persons
Columbia	19	0.28
Montour	18	0.99
Northumberland	9	0.10
Snyder	9	0.23
Union	29	0.65
Report Area	84	2.24
Pennsylvania	5,368	0.42

Source: [Pennsylvania Department of State, Bureau of Professional and Occupational Affairs](#). March 2013; and [United States Census Bureau, American Community Survey, 2012 Data Release, December 2013](#).

Health Care: Therapists

Table 87 shows the number of physical therapists, occupational therapists, and chiropractors for the 5 county report area. Snyder County has the smallest number (0.76) of physical therapists, occupational therapists, and chiropractors per 1,000 persons, while Montour County has the most (2.03) per 1,000 persons. The Pennsylvania average is 1.67 physical therapists, occupational therapists, and chiropractors per 1000 persons.

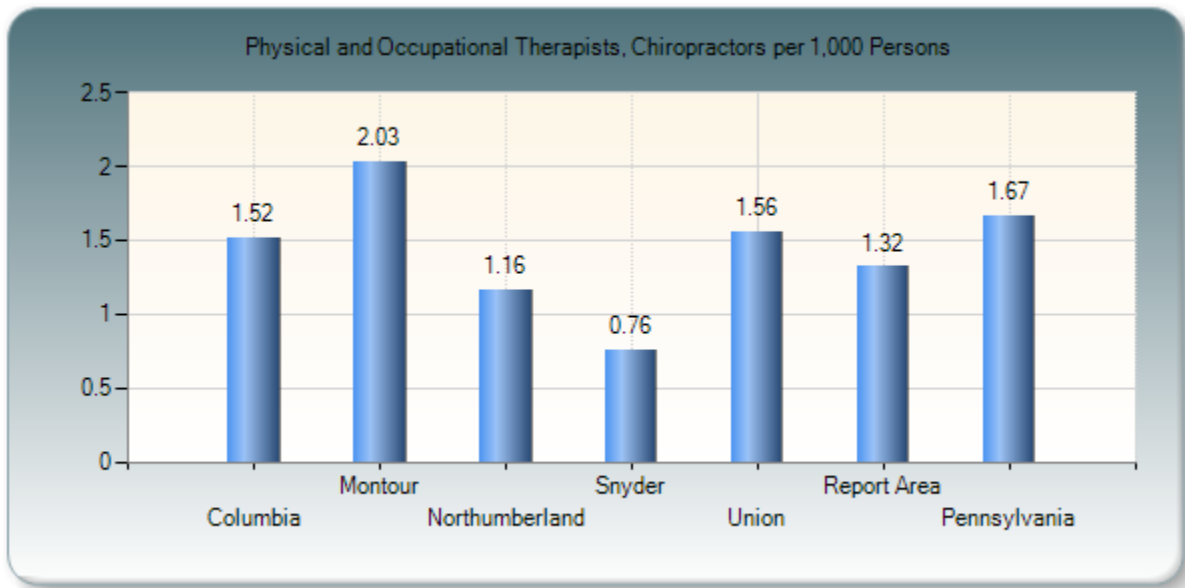


Table 87. Therapists, March 2013

County	Physical Therapists	Occupational Therapists	Chiropractors	Therapists / Chiropractors per 1,000 Persons
Columbia	49	29	24	1.52
Montour	23	10	4	2.03
Northumberland	56	36	18	1.16
Snyder	11	10	9	0.76
Union	39	22	9	1.56
Report Area	178	107	64	1.32
Pennsylvania	10,898	6,542	3,718	1.67

Source: [Pennsylvania Department of State, Bureau of Professional and Occupational Affairs](#). March 2013; and

[United States Census Bureau, American Community Survey, 2012 Data Release, December 2013](#).

Health Care: Special Health Professionals

Table 88 shows the number of dietitian-nutritionists, optometrists, doctors of podiatric medicine, and speech pathologists for the 5 county report area. Northumberland County has the smallest number (0.42) of special health professionals per 1,000 persons, while Montour County has the most (1.75) special health professionals per 1,000 persons. The Pennsylvania average is 0.82 special health professionals per 1000 persons.

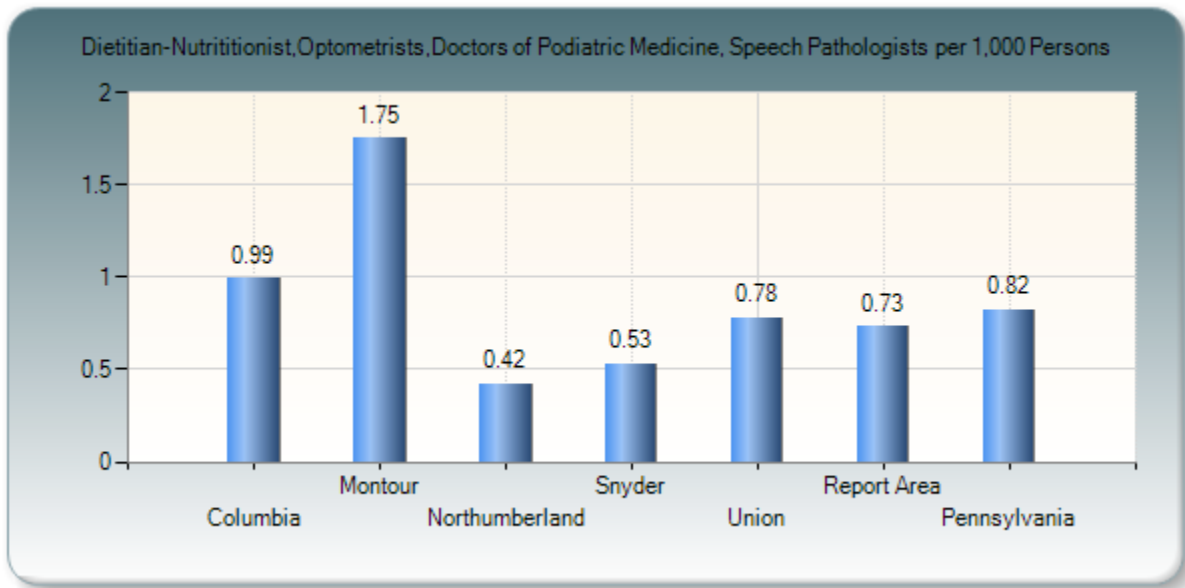


Table 88. Special Health Professionals, March 2013

County	Dietitian-Nutritionists (LDN)	Optometrists	Doctors of Podiatric Medicine	Speech Language Pathologists	Special Health Professionals per 1,000 Persons
Columbia	18	0	3	45	0.99
Montour	17	0	1	14	1.75
Northumberland	10	0	7	23	0.42
Snyder	6	0	2	13	0.53
Union	12	0	5	18	0.78
Report Area	63	0	18	113	0.73
Pennsylvania	3,294	11	1,207	5,902	0.82

Source: [Pennsylvania Department of State, Bureau of Professional and Occupational Affairs](#). March 2013; and

[United States Census Bureau, American Community Survey, 2012 Data Release, December 2013.](#)