The Pennsylvania Basic Education/Higher Education Science and Technology Partnership



# 2012-2013 Annual Service Report

#### **Executive Summary**

Science In Motion (SIM) in its role as the premier high school science education outreach program for the Commonwealth once again battled financial hardship during the 2012-13 school year. The lack of program funding restoration forced many of the SIM Consortium sites to reduce service areas or delay service to schools for several months. Despite the Commonwealth's economic hardships, Science In Motion sustained bipartisan support by members of the Pennsylvania General Assembly. Science In Motion was still able to provide hands-on, inquiry-based experiences to the schools we serve. All established Science In Motion sites eventually opened and resumed service to their schools, despite the financial challenges. As a whole, the average number of months of operation for SIM sites was 9.1 this school year with only one-third of the sites being open for business 8 months or less. Our science education specialists (mobile educators) from the twelve colleges and universities presented over 2,886 hands-on laboratory experiences to 244 different schools. The program also provided an additional 7,238 drop-off laboratory kits for short term loan and offered 11 days of professional development workshop opportunities for teachers. Overall, Science In Motion provided 626 different teachers with 925 different labs creating 214,164 student experiences during the 2012-2013 school year.

## What is Science In Motion?

Most Pennsylvania high schools cannot afford the modern, well-maintained equipment that it takes to prepare students for today's hi-tech careers in science, engineering and other technical fields. Modern scientific training is especially expensive as it requires multiple sets of equipment so that each student can get a hands-on, inquiry-based experience. This classroom deficiency is compounded by the added need for intensive maintenance and management of equipment and software, training to keep teachers up-to-date on advances in science and technology, and access to relevant, standards-aligned activities that utilize the technology. Additionally, even if an individual school musters the resources to provide an up-to-date lab experience, much of the equipment would sit on the shelf for most of the year as it would be used for only one topic in the breadth of curriculum that must be covered. In 1987, a team of Pennsylvania science teachers, a local college, and the National Science Foundation set out to tackle these problems. They developed a hugely successful shared-resources partnership that is now known nationally as Science In Motion.

Science In Motion (SIM) addresses the needs of science, technology, engineering, and mathematics in the classroom by providing the following support to schools:

- Access to well-maintained, modern, scientific equipment and supplies costing hundreds of thousands of dollars.
- Visiting science education specialists to team-teach high-tech science labs with the school's faculty.
- Professional development workshops to help teachers keep abreast of the latest developments in science and transfer that knowledge in to classroom activities and hands-on laboratory experiments.
- Standards-aligned laboratory activities for students.

Science In Motion provides these services through a partnership between the Commonwealth and 12 select colleges and universities in Pennsylvania. This shared-resources partnership has several advantages. First, high schools now have access to multiple sets of equipment that they could otherwise never afford. This equipment remains in circulation, shared by a regional cluster of schools rather than sitting on a shelf of a single school most of the time. Teachers in the program say that SIM makes a difference between being well-resourced for teaching science as opposed to not being adequately resourced. Additionally, the host colleges and universities provide not only administrative and grant support, but also modern laboratory space for preparation of experiments, chemical ordering, safety and disposal services, and work study and assistantship opportunities for pre-service teachers. Finally, with colleges and universities as partners, the door is now open for local corporate, foundation and community backing for science education.

The value of the SIM model has been proven in multiple assessments, and its success can also be seen by the spread of SIM throughout much of Pennsylvania, a backlog of requests for establishment of new sites in the Commonwealth, and the adoption of the model in other regions, including statewide programs in Delaware and Alabama.

# Why is Science In Motion important to Pennsylvania's economic future?

As older industries cease to be a source for jobs in the Commonwealth, it is imperative for job creation and sustained economic growth that Pennsylvania has a workforce trained for the new emerging economy in science, technology, engineering, and math. Science In Motion addresses this need by providing hands-on experiences with modern technology to hundreds of thousands of students in the Commonwealth - the same technology required for today's skilled workforce. No other program in the Commonwealth delivers so much state-of-the-art science equipment and supports so many schools at so little cost.

# Why Science In Motion is cost effective?

Through its shared-resources model and partnerships with higher education, SIM is an extremely costeffective model. By sharing equipment, science expertise and professional development resources, SIM provides services that no single school could individually afford. For example, a SIM site can thoroughly support one subject area (e.g., chemistry) in at least 10 schools for only \$200,000 per year. For a single school to purchase these services and resources independently, it would cost nearly \$79,600 per school. The SIM approach realizes a taxpayer cost savings for each subject of nearly \$59,600 per school. The typical SIM center serves more than 10 schools resulting in a savings of at least \$595,820 per site to the Commonwealth compared to non-resource-sharing models.

The value of services and resources not charged to the state-awarded budget and thus, not quantified, should not be overlooked. In addition, the 10% overhead allowed by the state contracts falls significantly short of the cost of infrastructure provided by these higher education institutions. This infrastructure, which is provided at the cost of the participating higher education institutions, includes:

- Office and laboratory space
- Access to advanced chemistry and biology research equipment not yet purchased by the outreach program
- Electric, gas, and water utilities
- Deionized/distilled water sources
- Chemical safety, storage, and disposal services
- Shared preparation area equipment including chemical hoods, autoclaves, and dishwashers
- Van parking (at most sites)
- Approved gas tank storage areas
- General clerical and accounting support

It is this infrastructure and the access to higher education science and education faculty expertise that makes the Pennsylvania Basic Education/Higher Education Science and Technology Partnerships cost efficient. However, what makes the these partnerships most effective in keeping Pennsylvania science curricula current is the constant infusion of new concepts and related activities into high school classrooms through the close relationships formed between teachers at the secondary level and their college/university counterparts who are actively engaged in cutting edge research.

## Is Science In Motion Effective?

The SIM Consortium would like to revisit program effectiveness in more detail but with the current funding perils we have been unable to complete an up-to-date assessment. Although in the past, Science In Motion has consistently demonstrated its effectiveness to improve classroom science test scores, averaging over the years a 13% improvement in biology scores and a 17% improvement in chemistry scores compared to students in control schools. These findings are consistent with those of sister science van programs in other states.

In 2008, SIM initiated pilot pre/post testing for individual labs both to measure student learning as well as improve curriculum quality. Students across the Commonwealth participating in the SIM program in 2008 demonstrated an average 67% improvement in the pre/post test results for laboratory modules. Sequential budget cuts and delays since 2009, have forced many sites to shut down for a period before

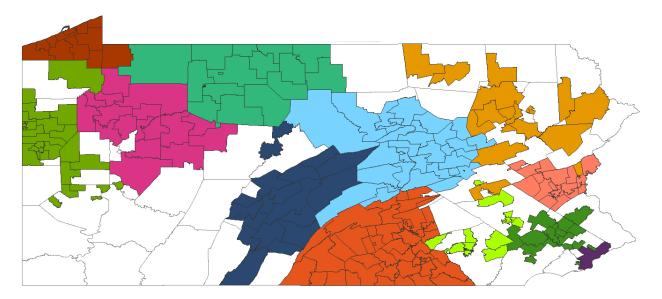
beginning to serve schools. Hence, no assessment has been completed, and no sites have completed any pre/post testing for individual labs since 2008.

#### **Science In Motion Service Areas**

During the 2012-2013 school year, 12 colleges and universities participated in the Science In Motion consortium including; Clarion University, Drexel University, Elizabethtown College, Gannon University, Gettysburg College, Juniata College, Lehigh Carbon Community College, Susquehanna University, University of Pittsburgh at Bradford, Ursinus College, Westminster College, and Wilkes University. All sites offered programming this fiscal year, with the exception of Lehigh Carbon Community College, our newest site, which replaced Cedar Crest College in the Lehigh region and took this fiscal year to become established and prepared to run the program this upcoming school year. Subject matter varies among sites and includes, but is not limited to, high school Chemistry, Biology, Physics, and middle school integrated science curricula. Demographics near each site dictate the size of the service area (Figure 1) as well as success of funding beyond state appropriations, which in turn influences the number of individual schools and school districts served per site (Appendix A). The map below highlights the school districts served by each SIM consortium member site; however, not every school in each school district is served. Some sites have been forced to decrease their historical service area depicted here, due to multiple funding reductions.

## Service Report

The SIM Consortium service record for the 2013 school year reveals decreased service from 2012 with the exception of the total of: students in accelerated classes and student contacts (Table 2). The 'Other teaching visits' category also slightly increased which would include all other disciplines taught besides Biology and Chemistry (i.e., Physics, Middle School Science, Elementary). Diminished state funding caused many sites to struggle to offer basic services and administrative backing was either nonexistent or minimal among all higher education partners. Many sites did not send equipment or mobile educators out to the classroom until their state reimbursement was received. Three SIM sites were able to open and run for the entire secondary school year only by utilizing alternate funds. The total student contacts have remained nearly stable over the past three years (Figure 2). The total number of equipment loans decreased from last year (Figure 3) which could be due to the reduced amount of time each site remained open. The Mobile Educator teaching visits are the lowest they have ever been since the conception of the consortium (Figure 4).



#### Legend



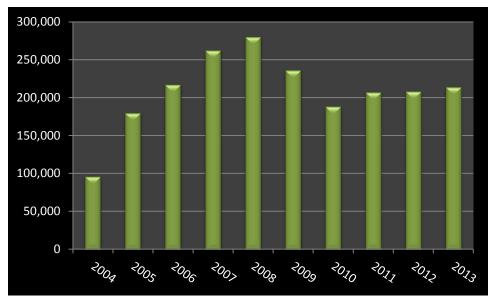
#### Figure 1

School district service area in the Commonwealth by the Science In Motion (SIM) Consortium colorcoded by site. Lehigh Carbon Community College is now hosting the SIM program in the Lehigh region. Not every school in each school district highlighted participates in the SIM program.

## Table 2

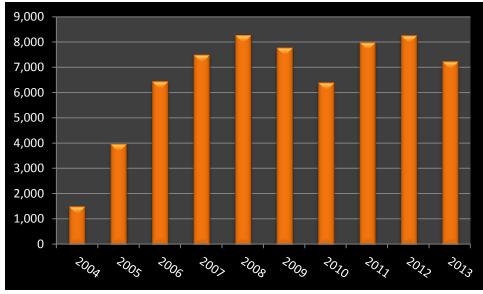
The Science In Motion Consortium site members combined service records for school years ending 2004 to 2013.

School Year ending	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Biology teaching visits	958	2,432	2,184	2,372	2,090	2,216	1,127	1,576	1,377	1,211
Chemistry teaching visits	1,261	2,676	1,961	2,247	1,830	2,001	1,407	1,604	1,108	1,019
Other teaching visits	1,171	1,091	1,020	948	1,283	1,204	896	980	593	646
Total teaching visits made	3,390	6,199	5,165	5,567	5,203	5,421	3,430	4,160	3,078	2,886
Total equipment loans	1,517	3,986	6,447	7,492	8,271	7,775	6,403	7,984	8,256	7,238
Total student contacts	96,235	179,990	217,366	262,566	280,224	236,359	188,622	207,380	208,328	214,164
Different schools served	235	280	307	331	337	324	291	294	312	244
Different teachers served	449	589	698	776	715	752	612	768	713	626
Different labs taught	565	724	986	1,050	1,143	1,286	1,059	1,046	1,050	925
Total students in accelerate	19,083	31,289	48,819	69,366	72,298	18,993	48,010	49,124	46,197	50,043



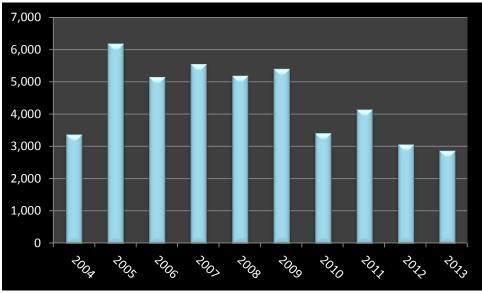
### Figure 2

The total number of student contacts by the Science in Motion Consortium from school years ending 2004-2013.





The total number of equipment loans by the Science in Motion Consortium from school years ending 2004-2013.



## Figure 4

The total number of teaching visits by the Science in Motion Consortium from school years ending 2004-2013.

Many of the higher education partners will not allow their SIM programs to begin service until the annual passage and signing of the budget enables contracts to be processed. There was an average delay of 8.6 months between the date the programs began until the first reimbursement was received (ranging from 5-12+ months; University of Pittsburgh at Bradford still has not received payment as of

8/13/13). It has become increasingly difficult for even the established sites to keep their outstanding and experienced mobile educators from looking for and accepting other sources of employment due to annual funding uncertainties. Overall, the member institutions would be able to serve more teachers and students if state funding and contracts could be reliably anticipated and processed.

All sites have struggled to maintain a high level of service to their schools despite funding reductions and delays. Other sources of grants, gifts, and donations have allowed some sites to significantly enhance programs beyond the level supported by the state allocation; however, such support is transient at all sites. The SIM Consortium efforts to hire a grant writer to solicit funding from federal grants and private foundations did not progress as hoped and efforts became halted by lack of funds by all participating sites.

Science In Motion sites receive more requests for school visits than their mobile educators are able to fulfill. Although SIM has struggled financially, we are very appreciative of the funds we have been awarded each year from state appropriations. The SIM program is greatly cherished and needed by the schools, teachers, and students that participate in the program. We are a unique and valued program, which cost-shares modern scientific equipment and expertise effectively among the schools we are able to serve. No other program in the Commonwealth delivers so much state-of-the-art science equipment and supports so many schools at so little cost.

#### Appendix A

School Districts and individual schools served during the 2011-2012 school year by each site of the Science In Motion Consortium (11 total in alphabetical order) with the exception of our newest site Lehigh Carbon Community College, which is not listed because they did not serve schools this fiscal year.

Clarion University	
School Districts and Private School Systems (20)	Individual Schools (34)
Allegheny-Clarion Valley School District	Allegheny -Clarion Valley Jr/Sr High School
	Clarion County Career Center
Armstrong School District	Elderton Jr/Sr High School
	Ford City Jr/Sr High School
	Kittanning Junior High School
	Kittanning Senior High School
	Lenape Technical School
Brockway School District	Brockway Jr/Sr High School
Brookville Area School District	Brookville Jr/Sr High School
Clarion Area School District	Clarion Area Jr/Sr High School
Clarion-Limestone Area School District	Clarion –Limestone Jr/Sr High School
Cranberry Area School District	Cranberry Area Jr/Sr High School
Diocese of Erie	Immaculate Conception School
	Saint Patrick School
	Venango Catholic High School
Dubois Area School District	DuBois Area High School
	DuBois Area Middle School
	Jefferson County-DuBois Area Vocational-Technical School
DuBois Christian School	DuBois Christian School
Forest Area School District	East Forest Jr/Sr High School
	West Forest Jr/Sr High School
Franklin Area School District	Franklin High School
	Franklin Middle School
Keystone School District	Keystone Jr/Sr High School
North Clarion County School District	North Clarion County Jr/Sr High School
Oil City Area School District	Oil City Middle School
	Oil City Senior High School
Punxsutawney Area School District	Punxsutawney Area High School
	Punxsutawney Area Middle School
Redbank Valley School District	Redbank Jr/Sr High School
Titusville Area School District	Titusville High School
	Titusville Middle School
Union School District	Union High School
Valley Grove School District	Rocky Grove Jr/Sr High School

Drexel University	
School Districts and Private School Systems (2)	Individual Schools (15)
Philadelphia Mennonite School	Philadelphia Mennonite School
School District of Philadelphia	Benjamin Franklin High School
	Central High School
	George Washington High School
	Hope Charter School
	Masterman High School
	Northeast High School
	Parkway-Northwest High School
	Philadelphia High School for Girls
	Robert E. Lamberton High School
	Roxborough High School
	Samuel S. Fels High School
	South Philadelphia High School
	West Philadelphia High School
	William W. Bodine High School
Elizabethtown College	
School Districts and Private School Systems (21)	Individual Schools (32)
Cocalico School District	Cocalico High School
Columbia Borough School District	Columbia Jr/Sr High School
Conestoga Valley School District	Conestoga Valley High School
	Conestoga Valley Middle School
Cornwall-Lebanon County School District	Cedar Crest High School
	Cedar Crest Middle School
Donegal School District	Donegal High School
Eastern Lancaster County School District	Garden Spot High School
Eastern Lebanon County School District	ELCO High School
Ephrata Area School District	Ephrata Middle School
Hempfield Area School District	Centerville Middle School
	Hempfield Area High School
Lancaster School District	Hand Middle School
	J.P. McCaskey High School
	Lincoln Middle School
	McCaskey East High School
	Wheatland Middle School
Lebanon School District	Lebanon High School
Manheim Central School District	Manheim Central High School
	Manheim Central Middle School
Manheim Township School District	Manheim Township High School
Elizabethtown College continued on next page	

# Elizabethtown College continued

Muhlenburg School District	Muhlenburg Middle School
Palmyra Area School District	Palmyra Area Middle School
Penn Manor School District	Penn Manor High School
Pequea Valley School District	Pequea Valley High School
	Pequea Valley Intermediate School
Pottsville Area School District	Pottsville Area High School
Solanco School District	Solanco High School
	Solanco High School
Susquenita School District	Susquenita High School
	Susquenita Middle School
Warwick School District	Warwick Middle School

Gannon University	
School Districts and Private School Systems (13)	Individual Schools (20)
Diocese of Erie	Cathedral Preparatory High School
	Mercyhurst Preparatory High School
Fairview School District	Fairview High School
Fort LeBoeuf School District	Fort LeBoeuf High School
General McLane School District	General McLane High School
Harbor Creek School District	Harbor Creek Senior High School
Iroquois School District	Iroquois Senior High School
Millcreek Township School District	McDowell Senior High School
	McDowell Intermediate High School
North East School District	North East High School
Northwestern School District	Northwestern Senior High School
Perseus House Charter School of Excellence	Maritime Center School of Excellence
The School District of the City of Erie	East High School
	Central Tech Career and Technical School
	Strong Vincent High School
	Bayfront Maritime Alternative School
	Northwest Pennsylvania Collegiate Academy
	Roosevelt Middle School
Union City Area School District	Union City Middle/High School
Wattsburg Area School District	Seneca High School

Gettysburg College	
School Districts and Private School Systems (20)	Individual Schools (34)
Camp Hill School District	Camp Hill High School
Central York School District	Central York High School
Chambersburg Area School District	Chambersburg Area Middle School North
	Chambersburg Area Middle School South
	Chambersburg Area Senior High School
Conewago Valley School District	New Oxford High School
Covenant Christian Academy	Covenant Christian Academy
Diocese of Harrisburg	Annunciation BVM
	Delone Catholic High School
	Immaculate Conception School
	Sacred Heart School
	Seven Sorrows School
	St. Andrew School
	St. Francis Xavier School
	St. Joseph School, in Dallastown
Fairfield Area School District	Fairfield Area Middle School
Gettysburg Area School District	Gettysburg Area High School
	Gettysburg Area Middle School
	Gettysburg Montessori Charter School
Greencastle-Antrim School District	Greencastle-Antrim High School
Hanover Public School District	Hanover High School
Mechanicsburg Area School District	Mechanicsburg Middle School
Northern York School District	Northern High School
Shippensburg Area School District	Shippensburg Area Middle School
Spring Grove Area School District	Spring Grove Area High School
	Spring Grove Area Middle School
Susquehanna Township School District	Susquehanna Township High School
Upper Adams School District	Ardentsville Elementary School
	Biglerville High School
	Upper Adams Middle School
Upper Dauphin Area School District	Upper Dauphin Area High School
West Perry School District	West Perry High School
York City School District	William Penn High School
York Suburban School District	York Suburban High School

Juniata College	
School Districts and Private School Systems (15)	Individual Schools (23)
Belleville Mennonite School	Belleville Mennonite School
Calvary Christian Academy	Calvary Christian Academy
Diocese of Altoona-Johnstown	Bishop Guilfoyle Catholic High School
	Hollidaysburg Catholic School
	St. John the Evangelist School, in Altoona
Forbes Road School District	Forbes Road Jr/Sr High School
Grier School	Grier School
Hollidaysburg Area School District	Hollidaysburg Area Senior High School
	Hollidaysburg Area Junior High School
Huntingdon Area School District	Huntingdon Area High School
	Huntingdon Area Middle School
Juniata Valley School District	Juniata Valley Jr/Sr High School
Mifflin County School District	Mifflin County High School
	Mifflin County Junior High School
	Mifflin County Middle School
Mount Union Area School District	Mount Union Area Jr/Sr High School
Northern Bedford County School District	Northern Bedford County High School
Southern Huntingdon County School District	Southern Huntingdon High/Middle School
Spring Cove School District	Central High School
	Spring Cove Middle School
Tyrone Area School District	Tyrone Area High School
•	Tyrone Area Middle School
Williamsburg Community School District	Williamsburg Jr/Sr High School

School Districts and Private School Systems (19)	Individual Schools (20)
Bloomsburg Area School District	Bloomsburg Area High School
Bloomsburg Christian School	Bloomsburg Christian School
Central Columbia School District	Central Columbia Middle School
Central Dauphin School District	Central Dauphin High School
Danville Area School District	Danville High School
	Danville Middle School
Juniata County School District	East Juniata High School
Greenwood School District	Greenwood Middle/High School
East Lycoming School District	Hughesville Jr/Sr High School
Line Mountain School District	Line Mountain Jr/Sr High School
Middletown Area School District	Middletown Area High School
Millville Area School District	Millville High School
Milton Area School District	Milton Area High School
Montoursville Area School District	Montoursville Area High School
Muncy School District	Muncy Jr/Sr High School
Selinsgrove Area School District	Selinsgrove Area High School
Shikellamy School District	Shikellamy High School
Sunbury Christian Academy	Sunbury Christian Academy
Tri-Valley School District	Tri-Valley Jr/Sr High School
Williamsport Area School District	Williamsport Area High School

University of Pittsburgh at Bradford	
School Districts and Private School Systems (13)	Individual Schools (19)
Austin Area School District	Austin High School
Bradford Area School District	Bradford Area High School
	Floyd C. Fretz Middle School
Coudersport Area School District	Coudersport Area Junior and Senior High School
Diocese of Erie	Elk County Catholic High School
	Elk County Catholic Middle School
Galeton Area School District	Galeton Area Junior/Senior High School
Kane Area School District	Kane Area High School
	Kane Area Middle School
The Learning Center	The Learning Center, in Bradford
Northern Potter School District	Northern Potter Jr/Sr High School
Oswayo Valley School District	Oswayo Valley Jr/Sr High School
Otto-Eldred School District	Otto-Eldred Elementary
	Otto-Eldred Jr/Sr High School
Port Allegany School District	Port Allegany Junior and Senior High School
Smethport Area School District	Smethport Jr/Sr High School
Warren County School District	Eisenhower Middle School and High School
	Sheffield Area Middle School and High School
	Warren Area High School

Ursinus College	
School Districts and Private School Systems (17)	Individual Schools (29)
Boyertown Area School District	Boyertown Area Senior High School
Colonial School District	Plymouth Whitemarsh High School
Downingtown Area School District	Downingtown Middle School
	Downingtown High School East
	Downingtown High School West
	Lionville Middle School
	Pickering Valley Elementary School
Great Valley School District	Great Valley High School
Methacton Area School District	Arcola Intermediate School
	Methacton High School
Norristown Area School District	Montgomery County Youth Center
	Norristown Area High School
	Roosevelt Alternative School
North Penn School District	North Penn High School
Owen J. Roberts School District	Owen J. Roberts High School
	Owen J. Roberts Middle School
Perkiomen Valley School District	Perkiomen Valley High School
	Perkiomen Valley Middle School East
	Perkiomen Valley Middle School West
Phoenixville Area School District	Phoenixville Area High School
The School District of Philadelphia	Nueva Esperanza Academy Charter School
Souderton Area School District	Souderton Area High School
Spring-Ford Area School District	Spring-Ford 7th Grade Center
	Spring-Ford 9th Grade Center
	Spring-Ford Senior High School
Tredyffrin/Eastown School District	Conestoga High School
Twin Valley School District	Twin Valley High School
Upper Merion Area School District	Upper Marion Area High School
Wyomissing Area School District	Wyomissing Area Jr/Sr High School

#### Westminster College School Districts and Private School Systems (31) Individual Schools (47) Allegheny Valley School District Acemetonia Primary School **Butler School District** Center Township Elementary School Cray Challenges School Cray Challenges School **Erie Diocese** Kennedy Catholic High School Farrell Area School District Farrell Elementary School **George Junior Republic** George Junior Republic Greenville Area School District East Elementary School Grove City Area School District Grove City Senior High School Hillview Intermediate Center Grove City Christian Academy Grove City Christian Academy Hermitage School District **Delahunty Middle School** Hickory High School Jamestown Elementary School Jamestown Area School District Jamestown Jr/Sr High School Lakeview School District Lakeview High School **Oakview Elementary School** Laurel School District Laurel Jr/Sr High School Mercer Area School District Mercer Elementary School Mercer Middle-High School Mohawk Area School District Mohawk Elementary School Mohawk High School Neshannock Township School District Memorial Elementary School Neshannock Jr/Sr High School New Castle Area School District George Washington Intermediate School John F Kennedy Primary School New Castle Jr/Sr High School Notre Dame School District Notre Dame Elementary School Penncrest School District Maplewood Middle-High School Saegertown Jr/Sr High School Pine Richland School District Pine Richland High School **Pittsburgh School District** Pittsburg Perry High School **Reynolds School District** Reynolds Jr/Sr High School Seneca Valley School District Seneca Valley Intermediate High School Seneca Valley Senior High School Sharon School District Sharon High School Sharpsville Area School District Sharpsville Area High School Shenango Elementary Shenango Area School District Shenango Jr/Sr High School Slippery Rock Area School District Slippery Rock Elementary School Slippery Rock High School

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#### Westminster College continued

South Butler County School District Union Area School District West Middlesex Area School District Wilmington Area School District South Butler Intermediate Elementary School Union Memorial Elementary School Oakview Elementary School East Lawrence Elementary New Wilmington Area Elementary Wilmington Area High School Wilmington Area Middle School

Wilkes University	
School Districts and Private School Systems (27)	Individual Schools (31)
Abington Heights School District	Abington Heights High School
Blue Mountain School District	Blue Mountain High School
Carbondale School District	Carbondale High School
Central Columbia School District	Central Columbia High School
Dallas School District	Dallas High School
Diocese of Scranton	Holy Cross High School
Dunmore Area School District	Dunmore High School
Greater Nanticoke Area School District	Nanticoke High School
Hanover Area School District	Hanover Jr/Sr High School
Hazleton Area School District	Hazelton Area High School
Immanuel Christian School	Immanuel Christian School
Lake Lehman School District	Lake Lehman Jr/Sr High School
Lakeland School District	Lakeland Jr/Sr High School
Northwest Area School District	Northwest Area Senior High/Middle School
Pen Argyl Area School District	Pen Argyl High School
Pittston Area School District	Pittston Area Senior High School
Pocono Mountain School District	Pocono Mountain East High School
	Pocono Mountain West High School
Stroudsburg Area School District	Stroudsburg Area High School
Towanda Area School District	Towanda Jr/Sr High School
Tri-Valley School District	Tri Valley Jr/Sr High School
Troy Area School District	Troy Area Jr/Sr High School
Tunkhannock Area School District	Tunkhannock High School
Wallenpaupack Area School District	Wallenpaupack Area High School
Western Wayne School District	Western Wayne High School
Wilkes-Barre Area School District	Coughlin High School
	Grand Army of the Republic (GAR) Jr/Sr High School
	Meyers Jr/Sr High School
Wyoming Area School District	Wyoming Area Secondary Center
Wyoming Valley West School District	Wyoming Valley West- High School
	Wyoming Valley West-Middle School