

**The Pennsylvania Basic Education/Higher
Education Science and Technology
Partnership**



2011-2012 Annual Service Report

Executive Summary

The year 2011 brought financial hardship for Science In Motion (SIM) in its role as the premier high school science education outreach program for the Commonwealth. Once again, Pennsylvania's current economic status resulted in budget reductions and funding delays, which 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. Faced with an overall 10% cut to an award that had been cut by 63% the previous fiscal year, Science In Motion was still able to provide hands-on inquiry-based experiences to the schools we serve. All 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 8.3 this school year; however the majority were open less than 8 months. Our science education specialists (mobile educators) from the twelve colleges and universities presented over 3,078 hands-on laboratory experiences to 312 different schools. The program also provided an additional 8,256 drop-off laboratory kits for short term loan and offered 28 days of professional development workshop opportunities for teachers. Overall, Science In Motion provided 713 different teachers with 1,050 different labs creating 208,328 student experiences during the 2011-2012 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, engineering, and technology 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 to the classroom.
- 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?

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 cost-effective 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
- Approved gas tank storage areas
- Van parking (most sites)
- 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 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?

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 2011-2012 school year, 12 colleges and universities participated in the Science In Motion consortium including; Cedar Crest College, Clarion University, Drexel University, Elizabethtown College, Gannon University, Gettysburg College, Juniata College, Susquehanna University, University of

Pittsburgh at Bradford, Ursinus College, Westminster College, and Wilkes University. 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.

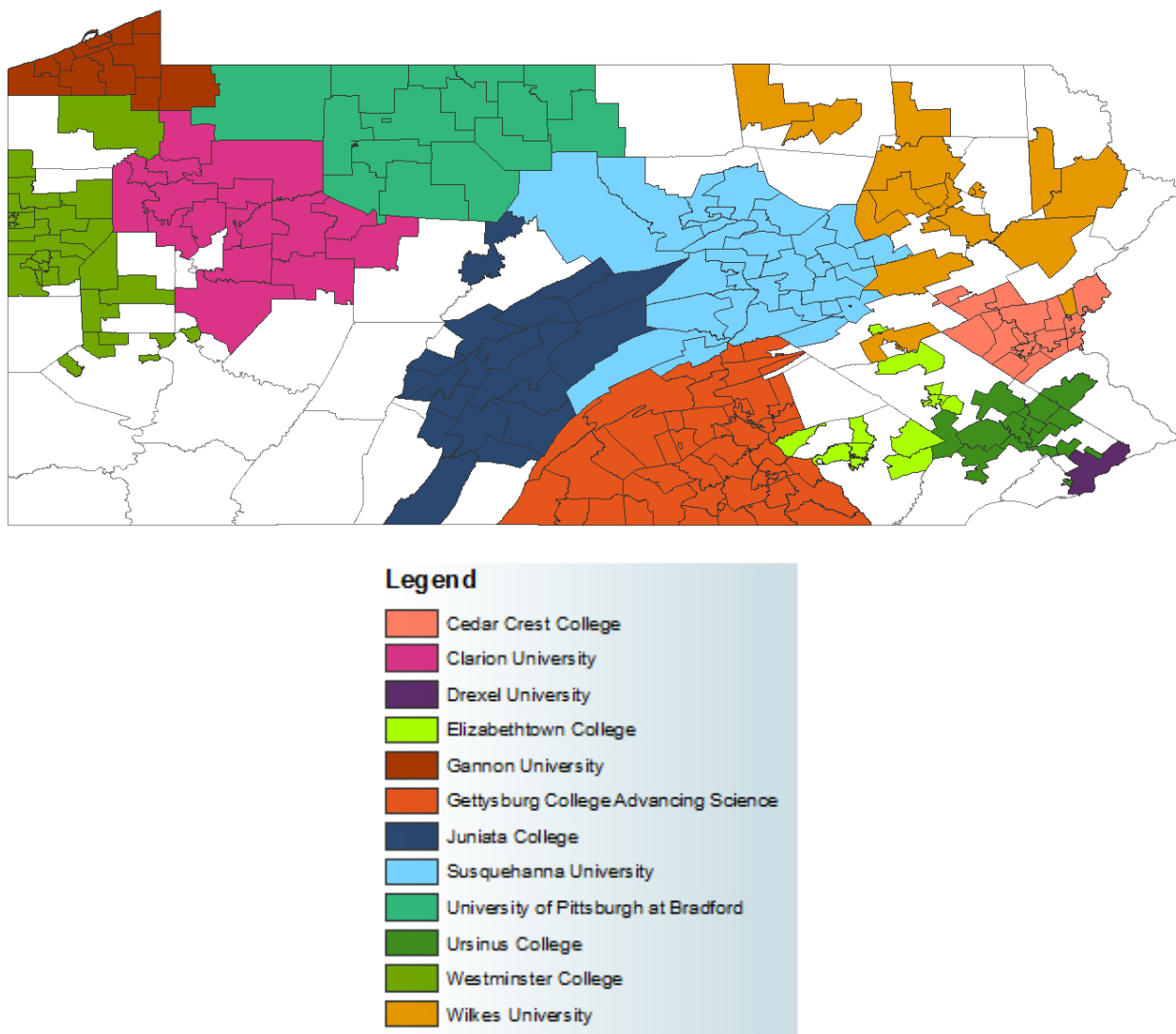


Figure 1
 School district service area in the Commonwealth by the Science In Motion (SIM) Consortium color-coded by site. Not every school in each school district highlighted participates in the SIM program.

Service Report

The SIM Consortium service record for the 2011/2012 school year reveals decreased service from 2010/11 with the exception of the number of different labs taught and total student contacts (Table 2). Dwindling state funding caused many sites to struggle to offer basic service this year. 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. Only four SIM sites were able to open and run for the entire secondary school year only by utilizing alternative funds. The total student contacts did increase but only slightly from last year (Figure 2). The total number of equipment loans drastically dropped from last year (Figure 3). The mobile educator teaching visits are the lowest they have been in the last nine years (Figure 4) which is also true for state appropriation.

Table 2

The twelve Science In Motion Consortium members combined service records for school years 2003/04 to 2011/12.

School Year	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12
Biology teaching visits	958	2,432	2,184	2,372	2,090	2,216	1,127	1,576	1,377
Chemistry teaching visits	1,261	2,676	1,961	2,247	1,830	2,001	1,407	1,604	1,108
Other teaching visits	1,171	1,091	1,020	948	1,283	1,204	896	980	593
Total teaching visits made	3,390	6,199	5,165	5,567	5,203	5,421	3,430	4,160	3,078
Total equipment loans	1,517	3,986	6,447	7,492	8,271	7,775	6,403	14,755	8,256
Total student contacts	96,235	179,990	217,366	262,566	280,224	236,359	188,622	207,380	208,328
Different schools served	235	280	307	331	337	324	291	294	312
Different teachers served	449	589	698	776	715	752	612	768	713
Different labs taught	565	724	986	1,050	1,143	1,286	1,059	1,046	1,050
Total students in accelerated classes	19,083	31,289	48,819	69,366	72,298	18,993	48,010	49,124	46,197

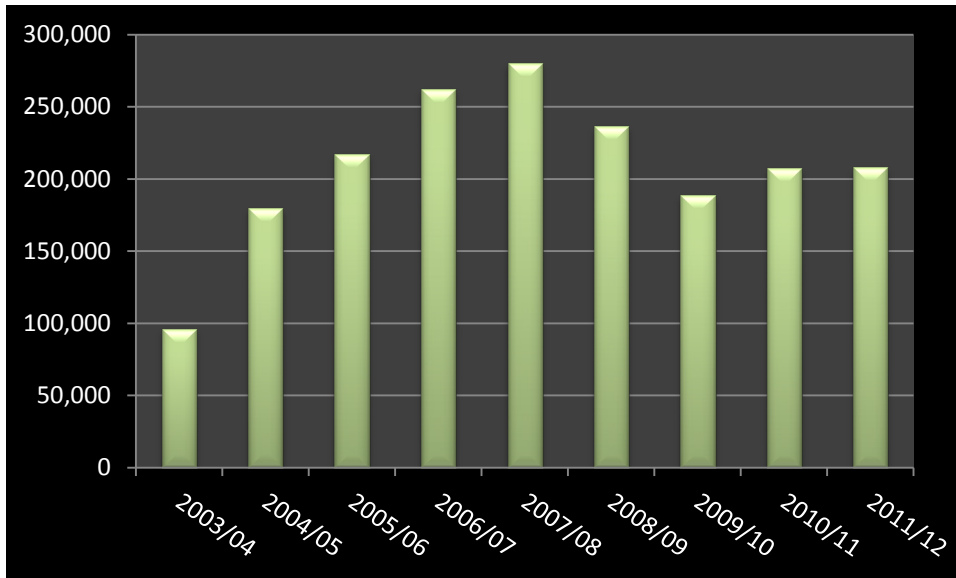


Figure 2

The total number of student contacts by the Science in Motion Consortium from school years 2003/04-2011/12.

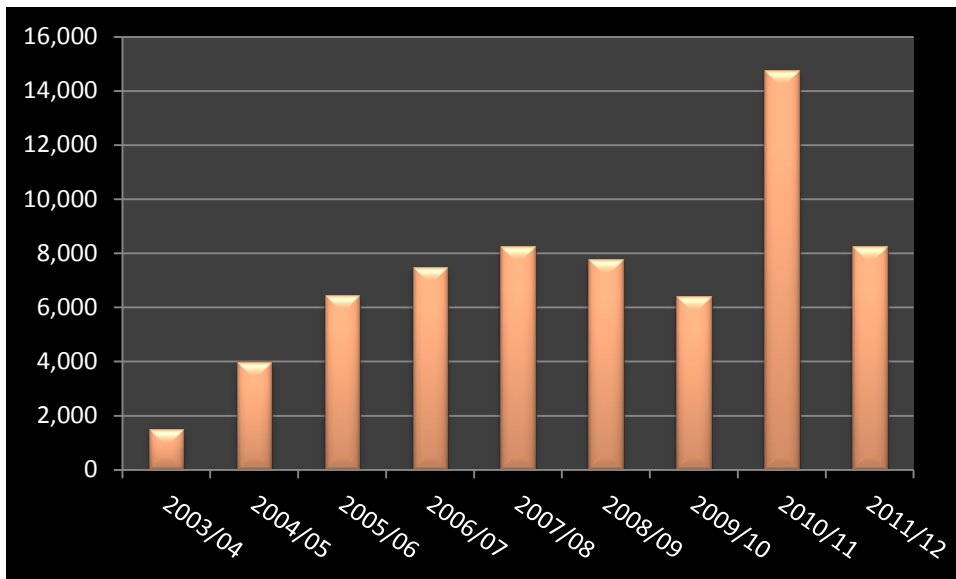


Figure 3

The total number of equipment loans by the Science in Motion Consortium from school years 2003/04-2011/12.

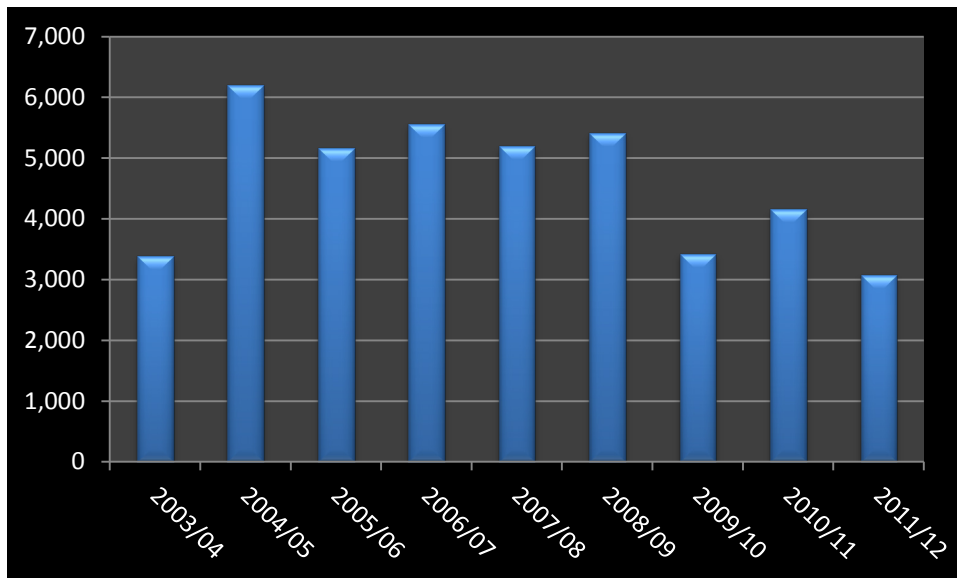


Figure 4

The total number of teaching visits by the Science in Motion Consortium from school years 2003/04-2011/12.

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 7.6 months between the date the programs began until the first reimbursement was received (ranging from 2-10 months). 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.

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 made the decision to hire a grant writer to solicit funding from federal grants and private foundations. These efforts will continue into the next fiscal year as more information is compiled by all participating sites for grant submission.

In our efforts to find alternative funding, SIM was pointed towards an organization called Change the Equation (CTEq). It is a nonprofit, nonpartisan, Chief Executive Officer (CEO)-led initiative that is mobilizing the business community to improve the quality of science, technology, engineering and mathematics (STEM) learning in the United States. Members of CTEq's coalition strive to sustain a national movement to improve PreK-12 STEM learning by leveraging and expanding its work focusing on three goals: improving philanthropy, inspiring youth, and advocating change. Science In Motion, along with 70 other organizations, were invited to submit an application for admission into the STEM Works database. The database goal aims to be a critical resource for funders, program developers and STEM

advocates alike. Funders can find programs that maximize the return on their investment. Those who develop STEM learning programs can benchmark their work against successful exemplars. Advocates can point to excellent programs as they make the case for quality. The SIM application included a program profile, self-ratings, explanations and supporting documents that were then examined thoroughly by a team of reviewers. Successful programs in this phase had no fewer than eight "Accomplished" ratings and received no "Undeveloped" ratings in any of CTEq's principles for effective STEM learning programs. An additional requirement for all programs admitted to the database in this phase was to receive "Accomplished" ratings in two specific principles; 1) Need and 2) Challenging and Relevant Content. We are pleased to report that SIM was one of 39 programs that met the metrics for inclusion in the database <<http://changetheequation.org/improving-philanthropy/stemworks>>. We can only hope that SIM's inclusion in the STEM Works database will lead to STEM learning advocates, educators, and funders who are seeking programs to support that meet a high bar for effectiveness.

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 the state budget. The SIM program is greatly appreciated 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 2010-2011 school year by each site of the Science In Motion Consortium (12 total in alphabetical order).

Cedar Crest College	
School Districts and Private School Systems (13)	Individual schools (15)
Agora Cyber Charter School	Agora Cyber Charter School
Allentown School District	Louis E. Dieruff High School
	William Allen High School
Bethlehem Area School District	Freedom High School
	Liberty High School
Catasauqua Area School District	Catasauqua High School
East Penn School District	Emmaus High School
Lehigh Area	Lehigh Area High School
Northern Lehigh School District	Northern Lehigh High School
Palmerton Area School District	Palmerton Senior High School
Parkland Area School District	Parkland High School
Pleasant Valley School District	Pleasant Valley High School
Pocono Mountain School District	Pocono Mountain West High School
Southern Lehigh School District	Southern Lehigh High School
Whitehall-Coplay School District	Whitehall High School

Clarion University

School Districts and Private School Systems (20)**Individual schools (34)**

Allegheny-Clarion Valley School District

Allegheny -Clarion Valley Jr/Sr High School

Armstrong School District

Clarion County Career Center

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)

Philadelphia Mennonite School
School District of Philadelphia

Individual schools (15)

Philadelphia Mennonite School
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 (16)

Columbia Borough School District
Commonwealth Connections Academy
Eastern Lancaster County School District
Elizabethtown Area School District
Hempfield Area School District
Lancaster Country Day School
Lancaster Mennonite School System
Lancaster School District

Lebanon School District
Manheim Township School District
Mt. Calvary Christian School
Muhlenburg School District
Pequea Valley School District
Pottsville Area School District
Reading School District
Warwick School District

Individual schools (19)

Columbia Jr/Sr High School
Commonwealth Connections Academy
Garden Spot High School
Elizabethtown Area High School
Hempfield Area High School
Lancaster Country Day School
Lancaster Mennonite School
J.P. McCaskey High School
McCaskey East High School
Phoenix Academy
Wheatland Middle School
Lebanon High School
Manheim Township High School
Mt. Calvary Christian School
Muhlenburg Middle School
Pequea Valley High School
Pottsville Area High School
Reading High School
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 (24)**Individual schools (35)**

Adams County Christian Academy
Camp Hill School District
Central York School District
Chambersburg Area School District

Adams County Christian Academy
Camp Hill High School
Central York High School
Chambersburg Area Middle School North
Chambersburg Area Middle School South
Chambersburg Area Senior High School

Covenant Christian Academy
Diocese of Harrisburg

Covenant Christian Academy
Delone Catholic High School
Immaculate Conception School
Sacred Heart School
St. Francis Xavier School
St. Joseph School, in Dallastown
St. Rose of Lima School

Fairfield Area School District
Gettysburg Area School District

Fairfield Area Middle School
Gettysburg Area High School
Gettysburg Area Middle School

Greencastle-Antrim School District
Hanover Public School District
Linden Hall
Mechanicsburg Area School District
Montessori Academy of Chambersburg
Northern York School District
Shippensburg Area School District
Spring Grove Area School District

Greencastle-Antrim High School
Hanover High School
Linden Hall
Mechanicsburg Middle School
Montessori Academy of Chambersburg
Northern High School
Shippensburg Area Middle School
Spring Grove Area High School
Spring Grove Area Middle School

Susquehanna Township School District
Upper Adams School District

Susquehanna Township High School
Ardentsville Elementary School
Bendersville Elementary

Upper Dauphin Area School District
Waynesboro Area School District
West Perry School District
Yellow Breeches Education Center
York City School District

Upper Dauphin Area High School
Fairview Elementary School
West Perry High School
Fishing Creek Sr. High School
York City Schools STEM Academy

York Suburban School District

William Penn High School
York Suburban High School

Juniata College

School Districts and Private School Systems (14)**Individual schools (22)**

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 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 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

Susquehanna University

School Districts and Private School Systems (26)**Individual schools (28)**

Berwick Area School District

Berwick High School

Bloomsburg Area School District

Bloomsburg Area High School

Bloomsburg Christian School

Bloomsburg Christian School

Central Columbia School District

Central Columbia High School

Central Columbia Middle School

Central Dauphin School District

Central Dauphin High School

Danville Area School District

Danville High School

Juniata County School District

East Juniata High School

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

Meadowbrook Christian School

Meadowbrook Christian 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

Mount Carmel Area School District

Mount Carmel Area Jr/Sr High School

Muncy School District

Muncy Jr/Sr High School

North Schuylkill School District

North Schuylkill Jr/Sr High School

Northumberland Christian School

Northumberland Christian School

Selinsgrove Area School District

Selinsgrove Area High School

Shamokin Area School District

Shamokin Area High School

Shikellamy School District

Shikellamy High School

South Williamsport Area School District

South Williamsport Jr/Sr 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 (28)**

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

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/Easttown School District

Conestoga High School

Twin Valley School District

Twin Valley High School

Upper Merion Area School District

Upper Merion 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 Area School District

Jamestown Elementary School

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 Area School District

Shenango Elementary

Shenango Jr/Sr High School

Slippery Rock Area School District

Slippery Rock Elementary School

Slippery Rock High School

Westminster College continued on next page

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 (26)**

Blue Mountain School District
 Dallas School District
 Elk Lake School District
 Hanover Area School District
 Hazleton Area School District
 Diocese of Scranton
 Lake Lehman School District
 Lakeland School District
 Lehigh School District
 MMI Preparatory School
 Northwest Area School District
 Old Forge School District
 Pen Argyl Area School District
 Pittston Area School District
 Pocono Mountain School District

 Riverside School District
 Towanda Area School District
 Tri-Valley School District
 Troy Area School District
 Tunkhannock Area School District
 Wallenpaupack Area School District
 Wayne Highlands School District
 Western Wayne School District
 Wilkes-Barre Area School District

 Wyoming Area School District
 Wyoming Valley West School District

Individual schools (30)

Blue Mountain High School
 Dallas High School
 Elk Lake Jr/Sr High School
 Hanover Jr/Sr High School
 Hazelton Area High School
 Holy Redeemer High School
 Lake Lehman Jr/Sr High School
 Lakeland Jr/Sr High School
 Lehigh Area High School
 MMI Preparatory School
 Northwest Area Senior High/Middle School
 Old Forge Jr/Sr High School
 Pen Argyl High School
 Pittston Area Senior High School
 Pocono Mountain East High School
 Pocono Mountain West High School
 Riverside Jr/Sr High School
 Towanda Jr/Sr High School
 Tri Valley Jr/Sr High School
 Troy Area Jr/Sr High School
 Tunkhannock High School
 Wallenpaupack Area High School
 Honesdale High School
 Western Wayne High School
 Coughlin High School
 Grand Army of the Republic (GAR) Jr/Sr High School
 Meyers Jr/Sr High School
 Wyoming Area Secondary Center
 Wyoming Valley West- High School
 Wyoming Valley West-Middle School
