

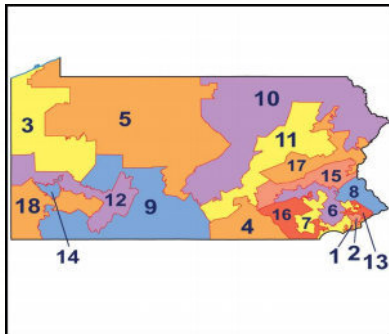
PENNSYLVANIA

\$1,503,249,712

187 Submarine Industrial Base Suppliers

The **PENNSYLVANIA** submarine industrial base has received approximately **\$1,503,249,712** in purchase order awards which provided highly skilled, high-wage manufacturing jobs producing specialized components and materials. These products include:

- Air Conditioning Equipment
- Electronics
- Ion Exchangers
- Machining
- Main Coolant Pumps
- Non-Ferrous Specialty Castings
- Power Distribution Equipment
- Purification Filters
- Reactor Control Equipment
- Reactor Vessel and Components
- Specialty Forgings & Castings
- Specialty Sensors & Switches
- Specialty Steels
- Steam Generators
- Steam Valves



Funding listed is the total amount spent or contracted to submarine suppliers over the past five years for major submarine programs. While the maps offer a good representation of the economic impact submarine programs have on communities, it is estimated that thousands of additional lower tier suppliers exist across the U. S. that are not represented.

PENNSYLVANIA

18 Districts

187 Suppliers: \$1,503,249,712

Company	City	Dist	Company	City	Dist
Accurex Measurement, Inc.	Swarthmore	1	Advanced Fluid Systems, Inc.	York	4
American Wire Works, Inc.	Philadelphia	1	Allegheny York Co.	Manchester	4
Aramark Corp.	Philadelphia	1	American Hydro Corp.	York	4
Chalmers & Kubeck, Inc.	Aston	1	Harsco Corp.	Camp Hill	4
General Aire Systems, Inc.	Darby	1	Precision Custom Components	York	4
Greenhill Supply, LLC	Philadelphia	1	The ESAB Group, Inc.	Hanover	4
I & I Sling Co., Inc.	Aston	1	Wellman Dynamics Mach. & Asmby.	York	4
Insinger Machine Co.	Philadelphia	1	York Intn'l. Corp.	York	4
R-Way Gasket & Supply Co.	Philadelphia	1	Ad Stuart Associates	Lemont	5
Tioga Pipe Supply Co., Inc.	Philadelphia	1	Alliance Plastics	Erie	5
W & O Supply, Inc.	Folcroft	1	Associated Spring	Corry	5
West Philadelphia Bronze, Inc.	Chester	1	Autoclave Engineers, Inc.	Erie	5
Wickwire Warehouse, Inc.	Philadelphia	1	Electralloy, a G. O. Carlson Inc., Co.	Oil City	5
American Metal & Rubber, Inc.	Philadelphia	2	Franklin Bronze Plaques, Inc.	Franklin	5
CPV	Philadelphia	2	KCF Tech., Inc.	State College	5
D. C. Humphry's Co., Inc.	Philadelphia	2	Lord Corp.	Erie	5
Derbyshire Machine & Tool Co.	Philadelphia	2	Parker Hannifin Corp.	Erie	5
Erie Forge & Steel, Inc.	Erie	3	Pennsylvania State University	State College	5
Ezeflow, USA	New Castle	3	Penn-Union Corp.	Edinboro	5
Group High Pressure Equip. Co.	Erie	3	Allied Wire & Cable	Collegeville	6
Hy-Tech Machine, Inc.	Cranberry Twp.	3	Bestweld, Inc.	Pottstown	6
Landstar Ranger, Inc.	Stoneboro	3	EnerSys Advanced Systems	Reading	6
MAJR Products Corp.	Saegertown	3	ESI Acquisition Corp.	Malvern	6
Mine Safety Appliances Co.	Cranberry Twp.	3	F. S. Welsford Co.	Exton	6
North American Forgemasters	New Castle	3	H & H SB, LLC	Wyomissing	6
Universal Mfg. Corp.	Zelienople	3	Jacquet Mid Atlantic, Inc.	Pottstown	6

Competition Sensitive. For dissemination to Submarine Industrial Base Suppliers and U. S. Government Personnel only.

March 2017

PENNSYLVANIA

18 Districts

187 Suppliers: \$1,503,249,712

Company	City	Dist	Company	City	Dist
Jotne North America, Inc.	W. Chester	6	BEC Systems, Inc.	Harleysville	8
Microwave Photonic Sys., Inc.	W. Chester	6	Brooks Instruments, Inc.	Hatfield	8
Pall Trincor	Exton	6	C. E. Conover & Co., Inc.	Bensalem	8
Quadrant EPP USA, Inc.	Reading	6	C. S. R., Inc.	Sellersville	8
Superior Tube Co.	Collegeville	6	DBR Corp., Inc.	Newtown	8
Tech Cast, Inc.	Myerstown	6	Derbyshire Marine Prod., LLC	Harleysville	8
Thermo Electric Co., Inc.	W. Chester	6	EST Group, Inc.	Hatfield	8
Aydin Displays, Inc.	Birdsboro	7	Freundlich Supply Co., Inc.	Bensalem	8
G. O. Carlson, Inc.	Downingtown	7	Hanner Ind., Inc.	Bristol	8
Henkels & McCoy, Inc.	Blue Bell	7	Inofast Mfg., Inc.	Hatfield	8
Lenape Forged Products Corp.	W. Chester	7	ISCO Corp.	Treose	8
Materials Sciences Corp.	Horsham	7	Knowledge Key Associates, Inc.	Treose	8
Oppenheimer Precision Products	Horsham	7	Laboratory Testing, Inc.	Hatfield	8
Pennsylvania Machine Works	Aston	7	Metals USA Plates & Shapes	Langhorne	8
Philadelphia Gear Corp.	King of Prussia	7	Newage Ind.	Southampton	8
Q-Mation, Inc.	Horsham	7	P & R Ind., Inc.	Doylestown	8
SKF USA, Inc.	Lansdale	7	Penn Eng.	Danboro	8
Southco, Inc.	Concordville	7	Penn Stainless Products	Quakertown	8
Techni-Tool, Inc.	Worcester	7	PH Tool, LLC	Pipersville	8
The Titus Co., Inc.	Morgantown	7	Plastic Dip Moldings, Inc.	Plumsteadville	8
A. M. Castle & Co.	Fairless Hills	8	Railway Specialties Corp.	Bristol	8
Advanced Carbide Tool Co., Inc.	Southampton	8	Stefanowicz & Lutz, Inc.	Warrington	8
Air Liquide America Specialty Gas	Plumsteadville	8	Teikoku USA, Inc.	Warminster	8
Airline Hydraulics Corp.	Bensalem	8	United Contamination Control	Langhorne	8
AR/RF Microwave Instrument	Souderton	8	Creative Pultrusions, Inc.	Alum Bank	9
B & G Mfg. Co., Inc.	Hatfield	8	Gardner Denver Nash, LLC	Charleroi	9

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March 2017

PENNSYLVANIA

18 Districts

187 Suppliers: \$1,503,249,712

Company	City	Dist	Company	City	Dist
Hirshmann Automation/Controls	Chambersburg	9	Illinois Tool Works	Montgomeryville	13
Measurement Instruments East, Inc.	Blairsville	9	Ives Equipment Corp.	King of Prussia	13
New Pig Corp.	Tipton	9	Kingsbury, Inc.	Philadelphia	13
G & M Bandsaw, Inc.	Montgomery	10	L-3 SPD Electrical Systems	Philadelphia	13
Staver Hydraulics Co., Inc.	Sayre	10	Marmetal Ind., LLC	Hatboro	13
Thermal Product Solutions	White Deer	10	North American Survey Supply	Philadelphia	13
Weiler Corp.	Cresco	10	PEI-Genesis, Inc.	Philadelphia	13
Arcos Ind., LLC	Mount Carmel	11	Sandmeyer Steel Co.	Philadelphia	13
Chestnut Ridge Foam, Inc.	Latrobe	12	Secure Components, LLC	Norristown	13
Chromalox, Inc.	Pittsburgh	12	SPD Tech., Inc.	Philadelphia	13
Concurrent Tech. Corp.	Johnstown	12	Strainsert Co.	W. Conshohocken	13
DRS Laurel Tech. (MSS)	Johnstown	12	Tinius Olsen Testing Machine	Horsham	13
Fasteners Unlimited, Inc.	Warrendale	12	Triumph Controls, Inc.	North Wales	13
Industrial Testing	Pittsburgh	12	Bolttech Mannings, Inc.	N. Versailles	14
Key Bellevilles, Inc.	Leechburg	12	Conco Services Corp.	Verona	14
North American Hoganas	Johnstown	12	CP Ind. Holdings, Inc.	McKeesport	14
R. E. Dupill & Assoc., Ltd.	Leechburg	12	Curtiss-Wright EMD	Cheswick	14
SFC Valve Corp.	Somerset	12	Detroit Switch, Inc.	Pittsburgh	14
SIC Marking USA, Inc.	Allison Park	12	Liberty Polyglas, Inc.	W. Mifflin	14
The A588 & A572 Steel Co.	Sewickley	12	PPG Architect Finishes, Inc.	Chesapeake	14
American Safety Tech.	Montgomeryville	13	Air Products & Chemicals, Inc.	Allentown	15
Amuneal Mfg. Corp.	Philadelphia	13	Black & Decker, Inc.	Allentown	15
Brandon Products Group	North Wales	13	Curtiss-Wright EPD	Bethlehem	15
E. A. Waetjen, Inc.	Glenside	13	Keopsys, Inc.	Whitehall	15
Greer Stop Nut/SPS Tech.	Jenkintown	13	Lancer Systems, LP	Allentown	15
H. M. Hillman Brass & Copper, Inc.	Willow Grove	13	National Magnetics Group, Inc.	Bethlehem	15

PENNSYLVANIA

18 Districts

187 Suppliers: \$1,503,249,712

Company	City	Dist	Company	City	Dist
PRL, Inc. and Subsidiaries	Cornwall	15	Powerex, Inc.	Youngwood	18
Stanley Ind. & Automotive	Allentown	15	Precision Defense Service, Inc.	Irwin	18
Tyco Electronics Corp.	Middletown	15	Schroeder Ind., LLC	Leetsdale	18
Admiral Valve, LLC	Kennett Square	16	Superbolt, Inc.	Carnegie	18
ArcelorMittal USA, LLC	Coatesville	16	Westmoreland Mech. Test & Res.	Youngstown	18
Bearon Mfg., Inc.	Manheim	16			
Bender, Inc.	Coatesville	16			
Electron Energy Corp.	Landisville	16			
Fluid Conditioning Products, Inc.	Lititz	16			
Freeman Mfg. & Supply Co.	Mt. Joy	16			
Maugus Mfg., Inc.	Lancaster	16			
Acopian Technical Co.	Easton	17			
Albar Machine Corp.	Effort	17			
Moog, Inc.	Springfield	17			
Naughton Energy	Pocono Pines	17			
Accutrex Products, Inc.	Canonsburg	18			
Ansys, Inc.	Canonsburg	18			
Black Box Corp. of PA	Lawrence	18			
Calgon Carbon Corp.	Pittsburgh	18			
Cameron Tech., Inc.	Coraopolis	18			
Fisher Scientific Co., LLC	Pittsburgh	18			
GE Hitachi Nuclear Energy	Canonsburg	18			
Hamill Mfg.	Trafford	18			
Ice Qube, Inc.	Greensburg	18			
Mine Safety Appliances Co.	Murrysville	18			
Phillips Mine & Mill, Inc.	Irwin	18			

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March 2017

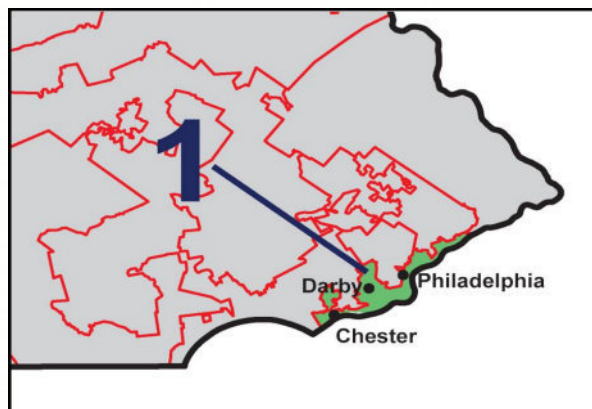
PENNSYLVANIA

District 1

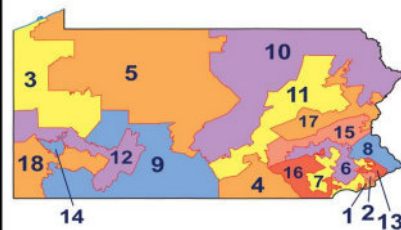
13 Suppliers \$18,252,522

Representative **Robert A. Brady**

Accurex Measurement, Inc.
American Wire Works, Inc.
Aramark Corp.
Chalmers & Kubeck, Inc.
General Aire Systems, Inc.
Greenhill Supply, LLC
I & I Sling Co., Inc.
Insinger Machine Co.
R-Way Gasket & Supply Co.
Tioga Pipe Supply Co., Inc.
W & O Supply, Inc.
West Philadelphia Bronze, Inc.
Wickwire Warehouse, Inc.



Congressional District - 1



Pennsylvania - 18 Districts

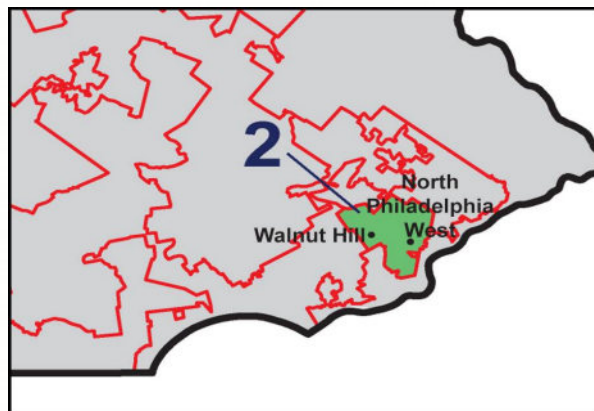
PENNSYLVANIA

District 2

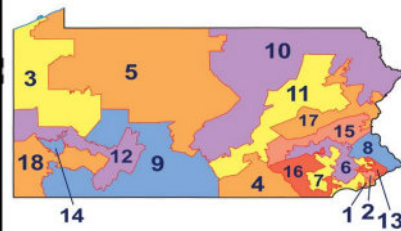
4 Suppliers \$6,368,441

Representative **Dwight Evans**

**American Metal & Rubber, Inc.
CPV
D. C. Humphry's Co., Inc.
Derbyshire Machine & Tool Co.**



Congressional District - 2



Pennsylvania - 18 Districts

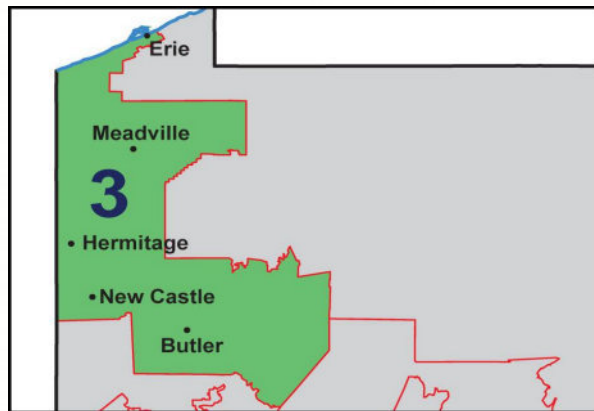
PENNSYLVANIA

District 3

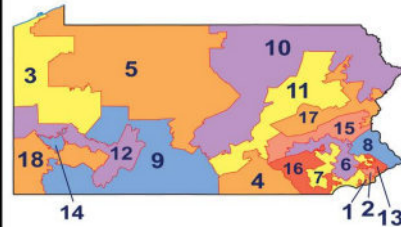
9 Suppliers \$22,857,492

Representative **Mike Kelly**

**Erie Forge & Steel, Inc.
Ezeflow, USA
Group High Pressure Equip. Co.
Hy-Tech Machine, Inc.
Landstar Ranger, Inc.
MAJR Products Corp.
Mine Safety Appliances Co.
North American Forgemasters
Universal Mfg. Corp.**



Congressional District - 3



Pennsylvania - 18 Districts

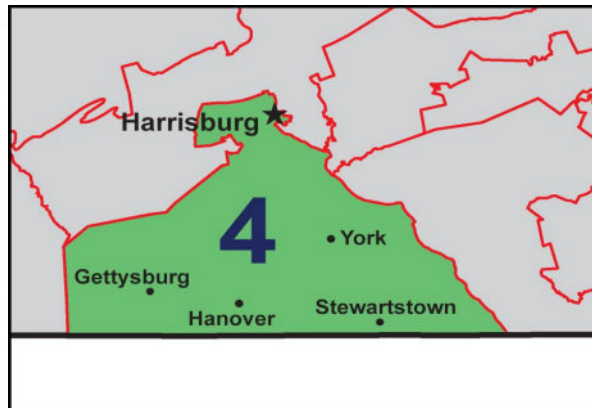
PENNSYLVANIA

District 4

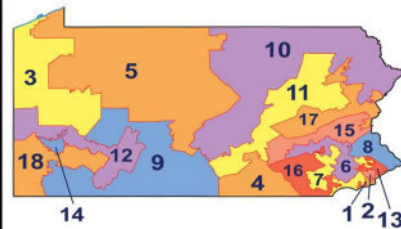
8 Suppliers \$105,082,649

Representative **Scott Perry**

Advanced Fluid Systems, Inc.
Allegheny York Co.
American Hydro Corp.
Harsco Corp.
Precision Custom Components
The ESAB Group, Inc.
Wellman Dynamics Mach. & Asmbly.
York Intn'l. Corp.



Congressional District - 4



Pennsylvania - 18 Districts

PENNSYLVANIA

District 5

11 Suppliers \$6,964,685

Representative **Glenn Thompson**

Ad Stuart Associates

Alliance Plastics

Associated Spring

Autoclave Engineers, Inc.

Electralloy, a G. O. Carlson Inc., Co.

Franklin Bronze Plaques, Inc.

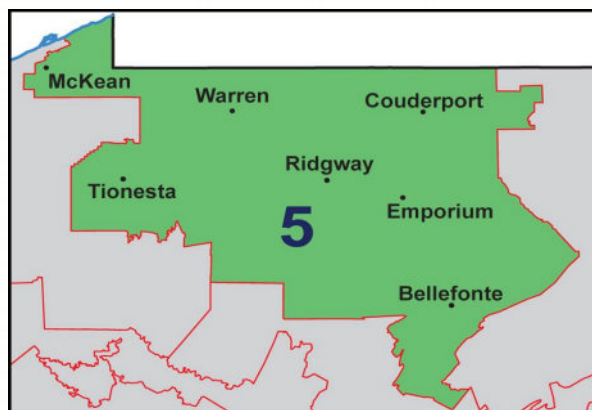
KCF Tech., Inc.

Lord Corp.

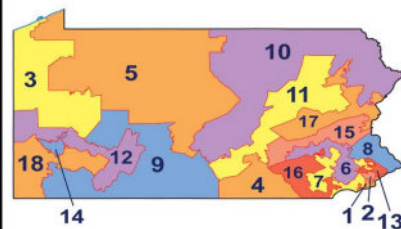
Parker Hannifin Corp.

Pennsylvania State University

Penn-Union Corp.



Congressional District - 5



Pennsylvania - 18 Districts

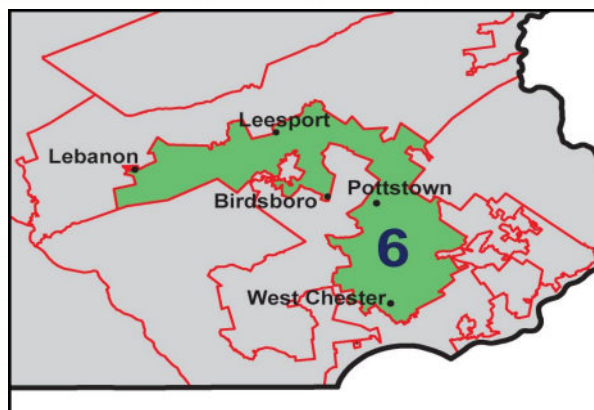
PENNSYLVANIA

District 6

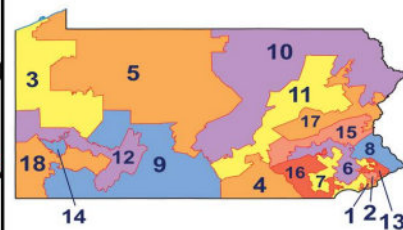
14 Suppliers \$73,905,937

Representative **Ryan A. Costello**

Allied Wire & Cable
Bestweld, Inc.
EnerSys Advanced Systems
ESI Acquisition Corp.
F. S. Welsford Co.
H & H SB, LLC
Jacquet Mid Atlantic, Inc.
Jotne North America, Inc.
Microwave Photonic Sys., Inc.
Pall Trincor
Quadrant EPP USA, Inc.
Superior Tube Co.
Tech Cast, Inc.
Thermo Electric Co., Inc.



Congressional District - 6



Pennsylvania - 18 Districts

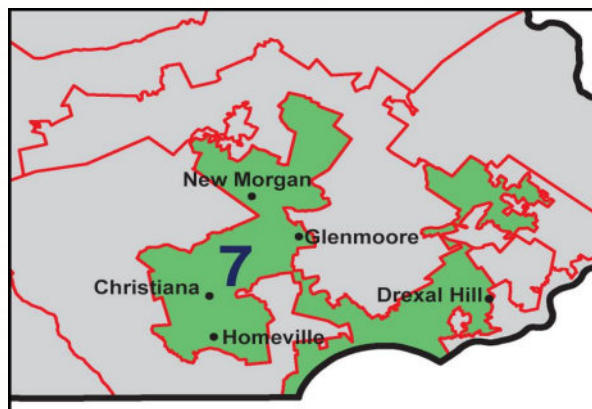
PENNSYLVANIA

District 7

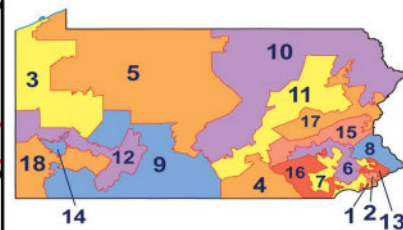
13 Suppliers \$16,385,549

Representative **Patrick Meehan**

Aydin Displays, Inc.
G. O. Carlson, Inc.
Henkels & McCoy, Inc.
Lenape Forged Products Corp.
Materials Sciences Corp.
Oppenheimer Precision Products
Pennsylvania Machine Works
Philadelphia Gear Corp.
Q-Mation, Inc.
SKF USA, Inc.
Southco, Inc.
Techni-Tool, Inc.
The Titus Co., Inc.



Congressional District - 7



Pennsylvania - 18 Districts

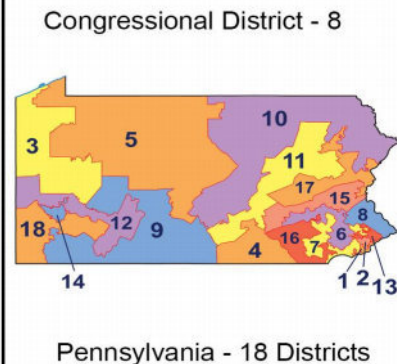
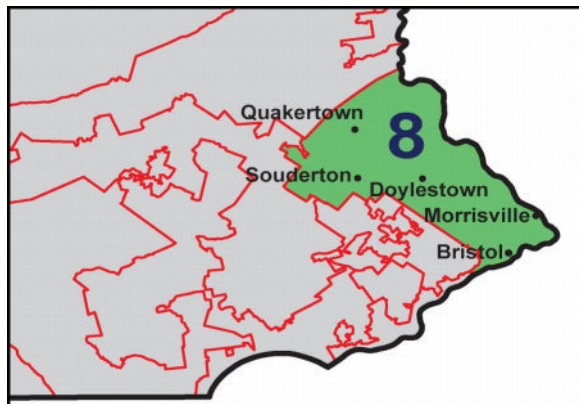
PENNSYLVANIA

District 8

30 Suppliers \$37,549,224

Representative **Brian K. Fitzpatrick**

A. M. Castle & Co.	ISCO Corp.
Advanced Carbide Tool Co., Inc.	Knowledge Key Associates, Inc.
Air Liquide America Specialty Gas	Laboratory Testing, Inc.
Airline Hydraulics Corp.	Metals USA Plates & Shapes
AR/RF Microwave Instrument	Newage Ind.
B & G Mfg. Co., Inc.	P & R Ind., Inc.
BEC Systems, Inc.	Penn Eng.
Brooks Instruments, Inc.	Penn Stainless Products
C. E. Conover & Co., Inc.	PH Tool, LLC
C. S. R., Inc.	Plastic Dip Moldings, Inc.
DBR Corp., Inc.	Railway Specialties Corp.
Derbyshire Marine Prod., LLC	Stefanowicz & Lutz, Inc.
EST Group, Inc.	Teikoku USA, Inc.
Freundlich Supply Co., Inc.	United Contamination Control
Hanner Ind., Inc.	
Inofast Mfg., Inc.	



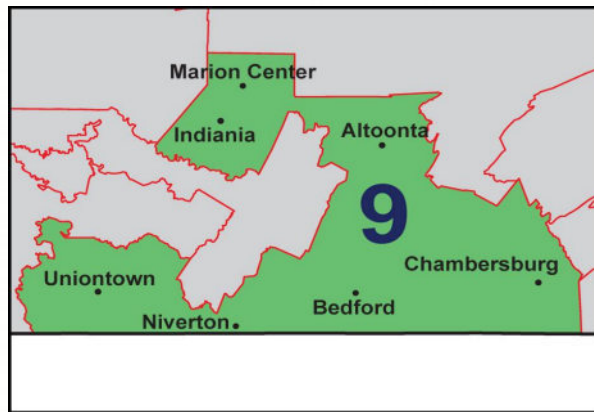
PENNSYLVANIA

District 9

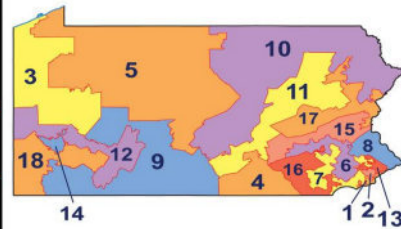
5 Suppliers \$12,737,223

Representative **Bill Shuster**

Creative Pultrusions, Inc.
Gardner Denver Nash, LLC
Hirshmann Automation/Controls
Measurement Instruments East, Inc.
New Pig Corp.



Congressional District - 9



Pennsylvania - 18 Districts

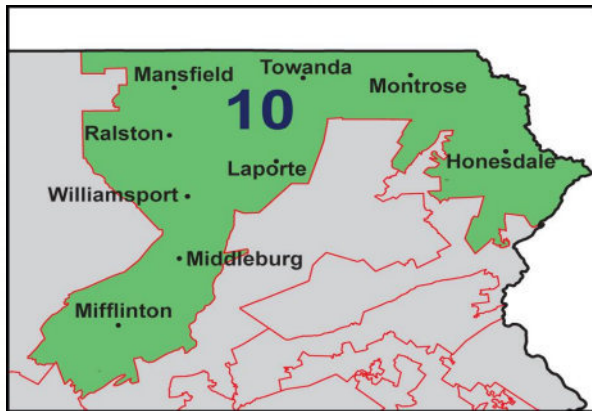
PENNSYLVANIA

District 10

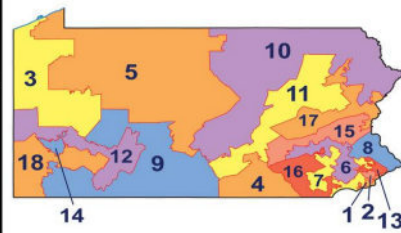
4 Suppliers \$624,797

Representative **Tom Marino**

**G & M Bandsaw, Inc.
Staver Hydraulics Co., Inc.
Thermal Product Solutions
Weiler Corp.**



Congressional District - 10



Pennsylvania - 18 Districts

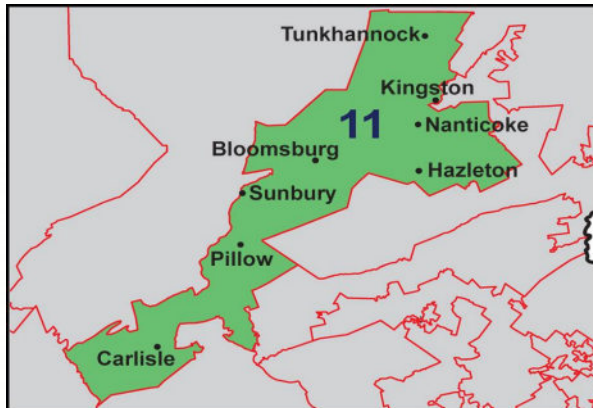
PENNSYLVANIA

District 11

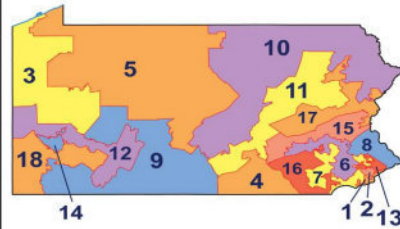
1 Supplier \$4,143,669

Representative **Lou Barletta**

Arcos Ind., LLC



Congressional District - 11



Pennsylvania - 18 Districts

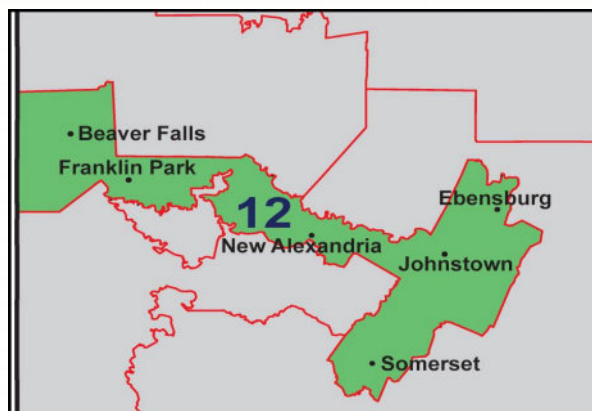
PENNSYLVANIA

District 12

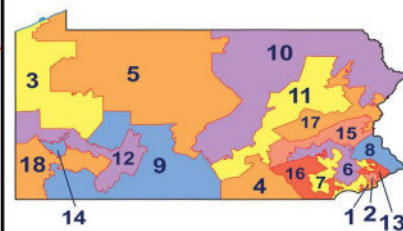
12 Suppliers \$112,296,547

Representative **Keith J. Rothfus**

Chestnut Ridge Foam, Inc.
Chromalox, Inc.
Concurrent Tech. Corp.
DRS Laurel Tech. (MSS)
Fasteners Unlimited, Inc.
Industrial Testing
Key Belleilles, Inc.
North American Hoganas
R. E. Dupill & Assoc., Ltd.
SFC Valve Corp.
SIC Marking USA, Inc.
The A588 & A572 Steel Co.



Congressional District - 12



Pennsylvania - 18 Districts

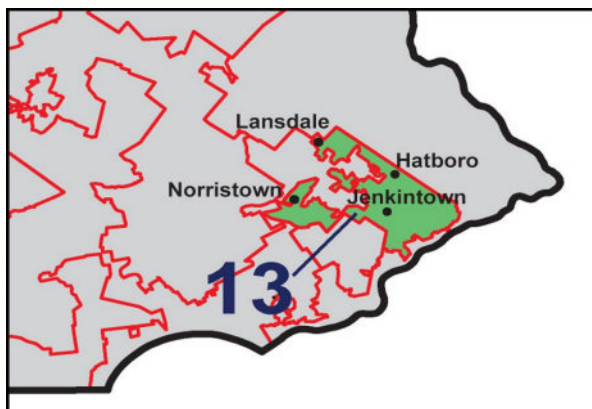
PENNSYLVANIA

District 13

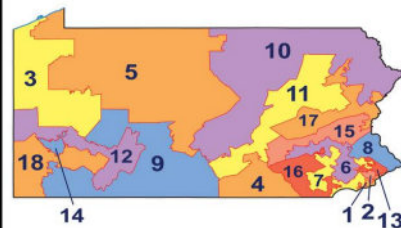
19 Suppliers \$166,121,293

Representative **Brendan F. Boyle**

**American Safety Tech.
Amuneal Mfg. Corp.
Brandon Products Group
E. A. Waetjen, Inc.
Greer Stop Nut/SPS Tech.
H. M. Hillman Brass & Copper, Inc.
Illinois Tool Works
Ives Equipment Corp.
Kingsbury, Inc.
L-3 SPD Electrical Systems
Marmetal Ind., LLC
North American Survey Supply
PEI-Genesis, Inc.
Sandmeyer Steel Co.
Secure Components, LLC
SPD Tech., Inc.
Strainsert Co.
Tinius Olsen Testing Machine
Triumph Controls, Inc.**



Congressional District - 13



Pennsylvania - 18 Districts

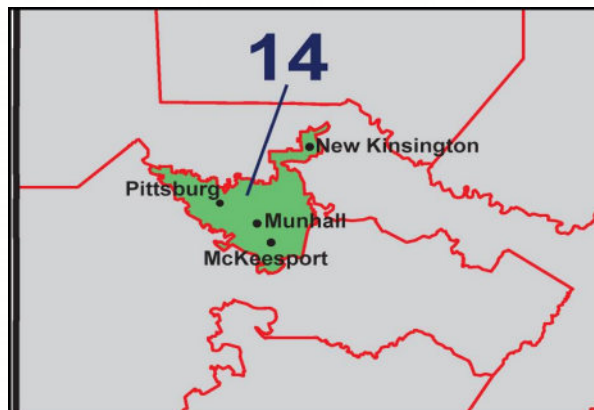
PENNSYLVANIA

District 14

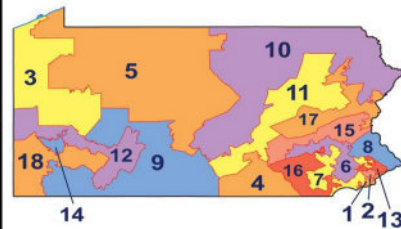
7 Suppliers \$387,224,607

Representative **Michael F. Doyle**

Bolttech Mannings, Inc.
Conco Services Corp.
CP Ind. Holdings, Inc.
Curtiss-Wright EMD
Detroit Switch, Inc.
Liberty Polyglas, Inc.
PPG Architect Finishes, Inc.



Congressional District - 14



Pennsylvania - 18 Districts

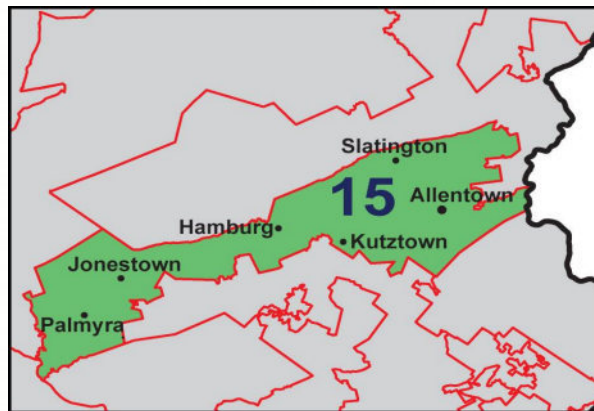
PENNSYLVANIA

District 15

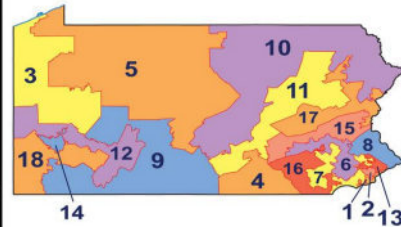
9 Suppliers \$283,929,965

Representative **Charles W. Dent**

Air Products & Chemicals, Inc.
Black & Decker, Inc.
Curtiss-Wright EPD
Keopsys, Inc.
Lancer Systems, LP
National Magnetics Group, Inc.
PRL, Inc. and Subsidiaries
Stanley Ind. & Automotive
Tyco Electronics Corp.



Congressional District - 15



Pennsylvania - 18 Districts

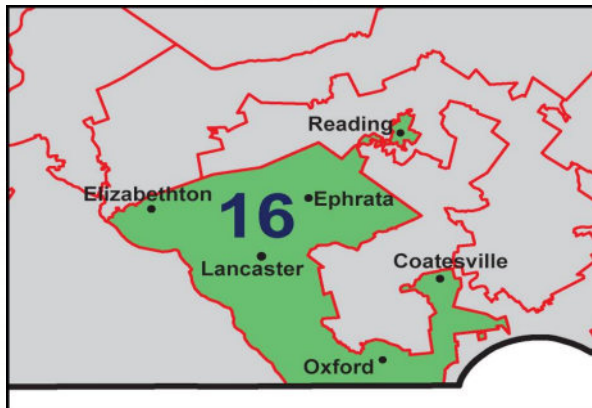
PENNSYLVANIA

District 16

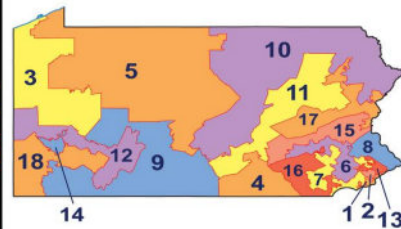
8 Suppliers \$132,017,401

Representative **Lloyd Smucker**

Admiral Valve, LLC
ArcelorMittal USA, LLC
Bearon Mfg., Inc.
Bender, Inc.
Electron Energy Corp.
Fluid Conditioning Products, Inc.
Freeman Mfg. & Supply Co.
Maugus Mfg., Inc.



Congressional District - 16



Pennsylvania - 18 Districts

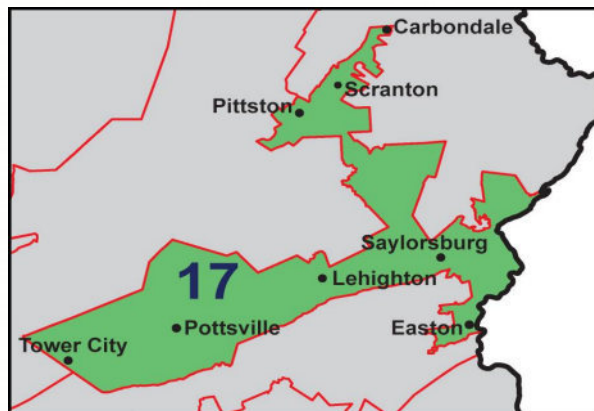
PENNSYLVANIA

District 17

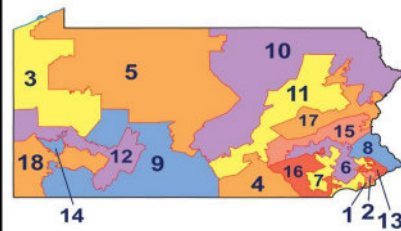
4 Suppliers \$2,375,187

Representative **Matt Cartwright**

**Acopian Technical Co.
Albar Machine Corp.
Moog, Inc.
Naughton Energy**



Congressional District - 17



Pennsylvania - 18 Districts

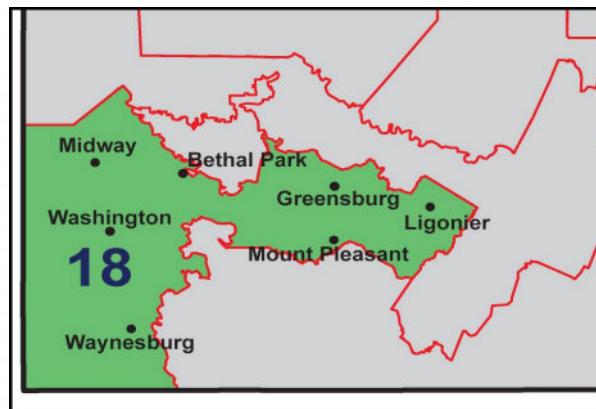
PENNSYLVANIA

District 18

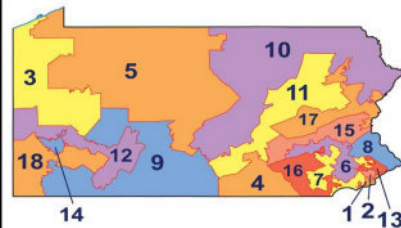
16 Suppliers \$114,412,525

Representative **Tim Murphy**

Accutrex Products, Inc.
Ansys, Inc.
Black Box Corp. of PA
Calgon Carbon Corp.
Cameron Tech., Inc.
Fisher Scientific Co., LLC
GE Hitachi Nuclear Energy
Hamill Mfg.
Ice Qube, Inc.
Mine Safety Appliances Co.
Phillips Mine & Mill, Inc.
Powerex, Inc.
Precision Defense Service, Inc.
Schroeder Ind., LLC
Superbolt, Inc.
Westmoreland Mech. Test & Res.



Congressional District - 18



Pennsylvania - 18 Districts