

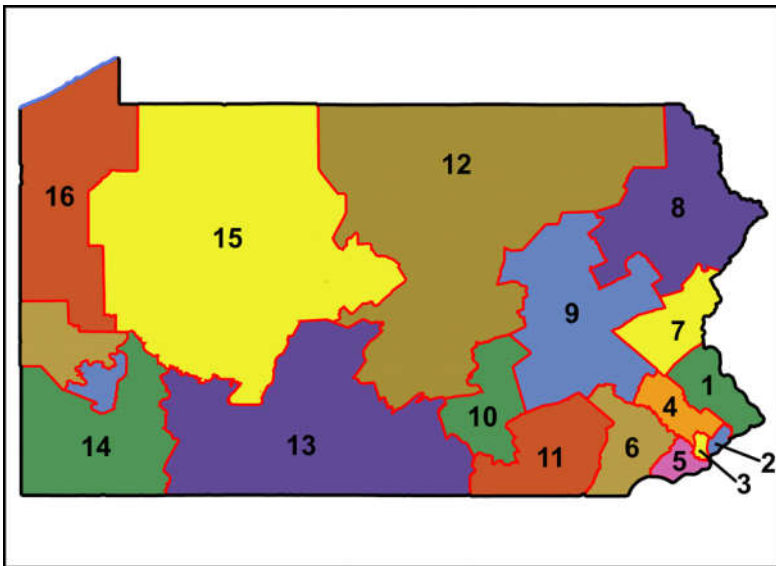
PENNSYLVANIA

\$2,013,626,974.71

159 Submarine Industrial Base Suppliers

The PENNSYLVANIA submarine industrial base has received approximately \$2,013,626,974.71 in purchase order awards which provided highly skilled, high-wage manufacturing jobs producing specialized components and materials. These products include:

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



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

159 Suppliers: \$2,013,626,974.71

Dist	Company	City	Dist	Company	City
01	A. M. Castle & Co.	Fairless Hills	01	Aerotek	Philadelphia
01	Air Liq. America Specialty Gas	Plumsteadville	01	Airline Hydraulics Corp.	Bensalem
01	B & G Mfg. Co., Inc.	Hatfield	01	Brooks Instruments, Inc.	Hatfield
01	EST Group, Inc.	Hatfield	01	Freundlich Supply Co., Inc.	Bensalem
01	Illinois Tool Works	Montgomeryville	01	Inofast Mfg., Inc.	Hatfield
01	ISCO Corp.	Trevose	01	Knowledge Key Associates, Inc.	Trevose
01	Laboratory Testing, Inc.	Hatfield	01	Laird Plastics, Inc.	Bristol
01	Metals U. S. A. Plates & Shapes	Langhorne	01	P & R Industries, Inc.	Doylestown
01	Penn Stainless Products	Quakertown	01	Plastic Dip Moldings, Inc.	Quakertown
01	Railway Specialties Corp.	Bristol	01	Stefanowicz & Lutz, Inc.	Warrington
01	Teikoku U. S. A., Inc.	Warminster	01	United Contamination Control, Inc.	Langhorne
02	American Wire Works, Inc.	Philadelphia	02	Greenhill Supply, LLC	Philadelphia
02	Kingsbury, Inc.	Philadelphia	02	L-3 SPD Electrical Systems	Philadelphia
02	PEI-Genesis, Inc.	Philadelphia	02	R-Way Gasket & Supply Co.	Philadelphia
02	Sandmeyer Steel Co.	Philadelphia	02	SPD Electrical System, Inc.	Philadelphia
02	Tioga Pipe Supply Co., Inc.	Philadelphia	02	Wickwire Warehouse, Inc.	Philadelphia
03	D. C. Humphrys Co., Inc.	Philadelphia	03	Derbyshire Machine & Tool Co.	Philadelphia
03	Rowland Co., Inc.	Philadelphia	04	Allied Wire & Cable	Collegeville
04	Ametek Superior Tube	Collegeville	04	BEC Systems, Inc.	Harleysville
04	Bestweld, Inc.	Pottstown	04	Brandon Products Group	N. Wales
04	Brightview Landscapes, LLC	Plymouth Meeting	04	Derbyshire Marine Products, LLC	Harleysville
04	E. A. Waetjen, Inc.	Glenside	04	Finnaren & Haley	Conshohocken
04	Gallagher Fluid Seals, Inc.	King of Prussia	04	H.M. Hillman Brass & Copper, Inc.	Willow Grove
04	HMI Technical Solutions, LLC	Blue Bell	04	Ives Equipment Corp.	King of Prussia
04	Jacquet Mid Atlantic, Inc.	Pottstown	04	Marmetal Industries	Hatboro
04	Materials Sciences Corp.	Horsham	04	Oppenheimer Precision Products	Horsham
04	Palmer Products, Inc.	Worcester	04	PFM Hosting, Inc.	Bala Cynwyd
04	Q-Mation, Inc.	Horsham	04	Secure Components, LLC	Norristown
04	SPS Tech.	Jenkintown	04	Strainsert Co.	W. Conshohocken
04	Techni-Tool, Inc.	Worcester	04	Timken Gears & Services, Inc.	King of Prussia
04	Tinius Olsen Test Machine Co.	Horsham	04	Triumph Controls, Inc.	N. Wales
04	Two Tech., Inc.	Horsham	05	Airgas U. S. A., LLC	Radnor
05	Chalmers & Kubeck, Inc.	Aston	05	I & I Sling Co., Inc.	Aston
05	Pennsylvania Mach Works, Inc.	Aston	05	Rhoads Industries, Inc.	Philadelphia
05	West Philadelphia Bronze, Inc.	Chester	06	Admiral Valve, LLC	Kennett Square
06	ArcelorMittal U. S. A., LLC	Coatesville	06	ESI Acquisition Corp.	Malvern
06	F. S. Welsford Co.	Exton	06	G. O. Carlson, Inc.	Downingtown
06	H & H SB, LLC	Wyomissing	06	Lenape Forged Products Corp.	W. Chester

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

February 2019

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06	Microwave Photonic Sys., Inc.	W. Chester	06	Pall Corp., Inc.	Exton
06	Quadrant EPP U. S. A., Inc.	Reading	06	Thermo Electric Co., Inc.	W. Chester
07	Acopian Technical Co.	Easton	07	Aetna Felt Corp.	Allentown
07	Air Products & Chemicals, Inc.	Allentown	07	Bosch Rexroth Corporation	Bethlehem
07	Curtiss-Wright EPD	Bethlehem	07	Keopsys, Inc.	Whitehall
07	Lehigh Heavy Forge Corp.	Bethlehem	08	A. Rifkin Co.	Wilkes-Barre
08	Albar Machine Corp.	Effort	08	Diamond Mfg. Co.	Wyoming
08	Naughton Energy Corp.	Pocono Pines	08	Weiler Corp.	Cresco
09	Arcos Industries, LLC	Mt. Carmel	09	PRL and Subsidiaries	Cornwall
09	Tech Cast Holdings, LLC	Myerstown	10	Allegheny York Co.	Manchester
10	American Hydro Corp.	York	10	Harsco Corp.	Camp Hill
10	Johnson Controls Navy Systems	York	10	Precision Custom Components, LLC	York
10	Wellman Dynamics Mach. & Assembly	York	11	Bearon Mfg., Inc.	Manheim
11	Fluid Conditioning Products, Inc.	Lititz	11	Maugus Mfg., Inc.	Lancaster
11	The ESAB Group, Inc.	Hanover	12	A D Stuart Associates	Lemont
12	Pennsylvania State University	State College	12	Staver Hydraulics Co., Inc.	Sayre
12	Thermal Product Solutions	White Deer	13	D. L. Martin Company	Mercersburg
13	DRS Laurel Technologies (MSS)	Johnstown	13	North Amer. Hoganas High Alloys	Johnstown
13	SFC Valve Corp.	Somerset	13	Somerset Steel Erection Co., Inc.	Stoystown
13	Techspec, Inc.	Derry	13	Westmoreland Mech. Test/Research	Youngstown
14	Accutrex Products, Inc.	Canonsburg	14	Ansys, Inc.	Canonsburg
14	Black Box Corp. of PA	Lawrence	14	Gardner Denver Nash, LLC	Charleroi
14	Hamill Manufacturing	Trafford	14	Ice Qube, Inc.	Greensburg
14	Kasto, Inc.	Export	14	Painter Tool, Inc.	N. Huntingdon
14	Powerex, Inc.	Youngwood	14	Precision Defense Servs Inc.(dba) PDS Ind	Irwin
15	Concurrent Tech. Corp.	Johnstown	15	Electralloy, a G.O. Carlson, Inc. Company	Oil City
15	Ellwood National Forge Co.	Irvine	15	Franklin Bronze Plaques, Inc.	Franklin
15	Measurement Instruments East, Inc.	Blairsville	16	Ellwood City Forge	Ellwood City
16	Erie Forge & Steel, Inc.	Erie	16	Ezeflow U. S. A., Inc.	New Castle
16	Graco High Pressure Equip. Co.	Erie	16	Lord Corp.	Erie
16	Majr Products Corp.	Saegertown	16	North American Forgemasters	New Castle
16	Power Conversion Tech., Inc.	Zelienople	16	Universal Mfg. Corp.	Zelienople
17	Calgon Carbon Corp.	Pittsburgh	17	Cameron Tech. US, Inc.	Coraopolis
17	Chromalox, Inc.	Pittsburgh	17	Curtiss-Wright EMD	Cheswick
17	EWT Holdings III Corp.	Warrendale	17	Fasteners Unlimited, Inc.	Warrendale
17	Fisher Scientific Co., LLC	Pittsburgh	17	Mine Safety Appliances Co.	Cranberry Town
17	Pentek, Inc.	Coraopolis	17	Pittsburgh Wire & Cable, Inc.	Pittsburgh
17	Schroeder Industries, LLC	Leetsdale	17	Superbolt, Inc.	Carnegie
17	The Society Protect Coat	Pittsburgh	17	TW Metals, Inc.	Leetsdale
18	Advanced Pultrusions, LLC	W. Mifflin	18	Bolttech Mannings, Inc.	N. Versailles
18	CP Industries Holdings, Inc.	McKeesport	18	Detroit Switch, Inc.	Pittsburgh

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18

P. J. Dick, Inc.

Pittsburgh

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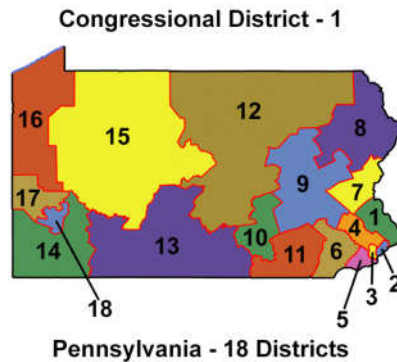
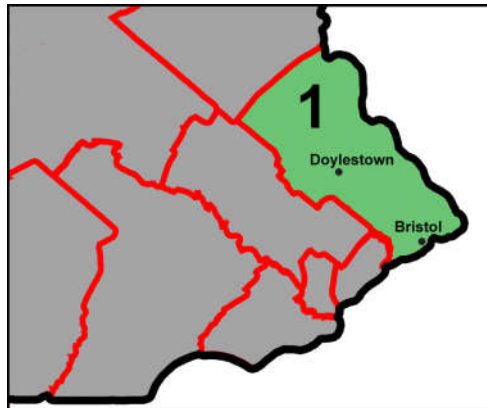
22 Suppliers: \$47,334,585.59

Representative: **Brian K. Fitzpatrick**

District: 01

A. M. Castle & Co.
Air Liq. America Specialty Gas
B & G Mfg. Co., Inc.
EST Group, Inc.
Illinois Tool Works
ISCO Corp.
Laboratory Testing, Inc.
Metals U. S. A. Plates & Shapes
Penn Stainless Products
Railway Specialties Corp.
Teikoku U. S. A., Inc.

Aerotek
Airline Hydraulics Corp.
Brooks Instruments, Inc.
Freundlich Supply Co., Inc.
Inofast Mfg., Inc.
Knowledge Key Associates, Inc.
Laird Plastics, Inc.
P & R Industries, Inc.
Plastic Dip Moldings, Inc.
Stefanowicz & Lutz, Inc.
United Contamination Control, Inc.



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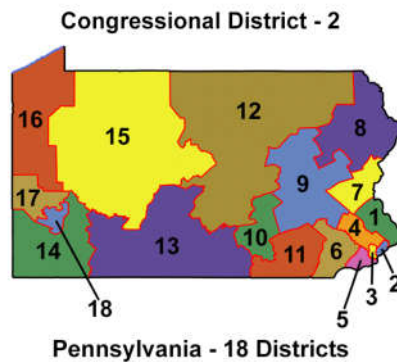
10 Suppliers: \$121,075,238.00

Representative: **Brendon F. Boyle**

District: 02

American Wire Works, Inc.
Kingsbury, Inc.
PEI-Genesis, Inc.
Sandmeyer Steel Co.
Tioga Pipe Supply Co., Inc.

Greenhill Supply, LLC
L-3 SPD Electrical Systems
R-Way Gasket & Supply Co.
SPD Electrical System, Inc.
Wickwire Warehouse, Inc.



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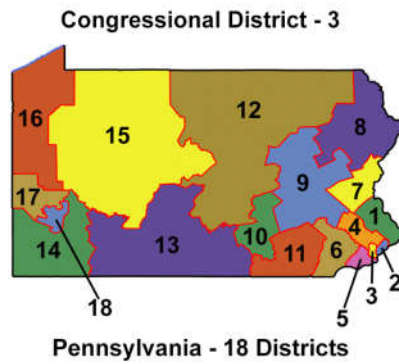
3 Suppliers: \$5,113,010.62

Representative: **Dwight Evans**

District: 03

D. C. Humphrys Co., Inc.
Rowland Co., Inc.

Derbyshire Machine & Tool Co.



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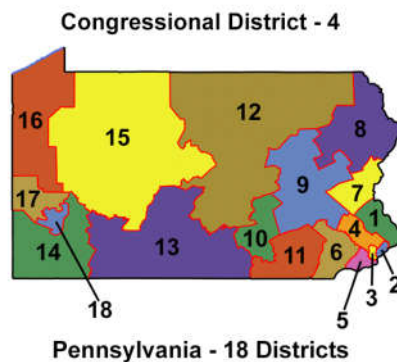
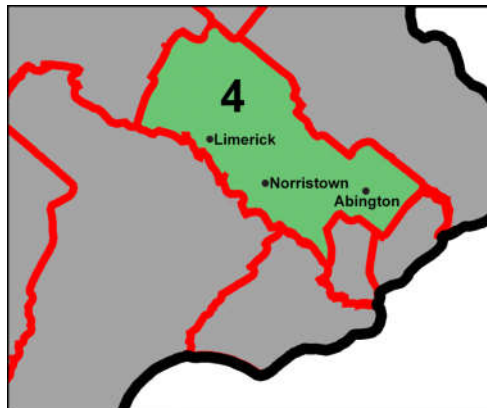
28 Suppliers: \$84,599,263.65

Representative: **Madeleine Dean**

District: 04

Allied Wire & Cable
BEC Systems, Inc.
Brandon Products Group
Derbyshire Marine Products, LLC
Finnaren & Haley
H.M. Hillman Brass & Copper, Inc.
Ives Equipment Corp.
Marmetal Industries
Oppenheimer Precision Products
PFM Hosting, Inc.
Secure Components, LLC
Strainsert Co.
Timken Gears & Services, Inc.
Triumph Controls, Inc.

Ametek Superior Tube
Bestweld, Inc.
Brightview Landscapes, LLC
E. A. Waetjen, Inc.
Gallagher Fluid Seals, Inc.
HMI Technical Solutions, LLC
Jacquet Mid Atlantic, Inc.
Materials Sciences Corp.
Palmer Products, Inc.
Q-Mation, Inc.
SPS Tech.
Techni-Tool, Inc.
Tinius Olsen Test Machine Co.
Two Tech., Inc.



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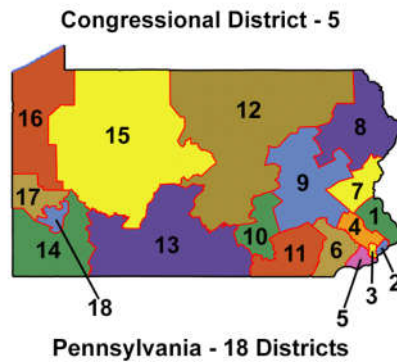
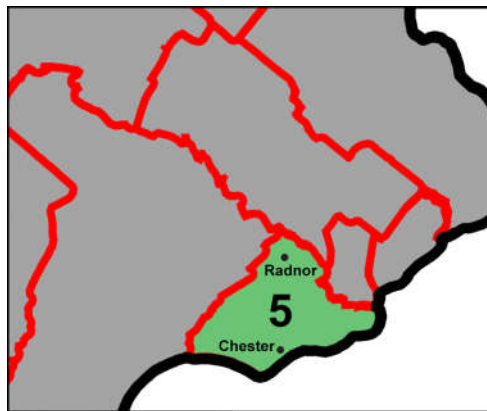
6 Suppliers: \$20,198,960.17

Representative: **Mary Gay Scanlon**

District: 05

Airgas U. S. A., LLC
I & I Sling Co., Inc.
Rhoads Industries, Inc.

Chalmers & Kubeck, Inc.
Pennsylvania Mach Works, Inc.
West Philadelphia Bronze, Inc.



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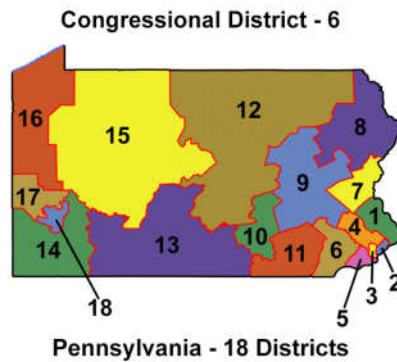
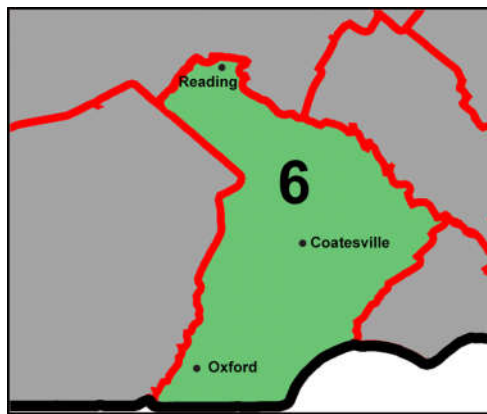
11 Suppliers: \$244,899,509.23

Representative: **Chrissy Houlahan**

District: 06

Admiral Valve, LLC
ESI Acquisition Corp.
G. O. Carlson, Inc.
Lenape Forged Products Corp.
Pall Corp., Inc.
Thermo Electric Co., Inc.

ArcelorMittal U. S. A., LLC
F. S. Welsford Co.
H & H SB, LLC
Microwave Photonic Sys., Inc.
Quadrant EPP U. S. A., Inc.



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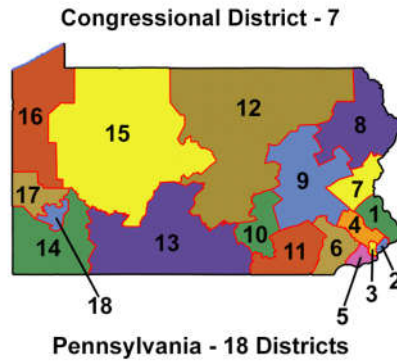
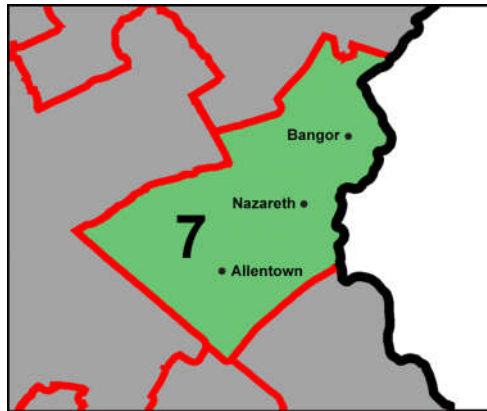
7 Suppliers: \$407,318,316.35

Representative: **Susan Wild**

District: 07

Acopian Technical Co.
Air Products & Chemicals, Inc.
Curtiss-Wright EPD
Lehigh Heavy Forge Corp.

Aetna Felt Corp.
Bosch Rexroth Corporation
Keopsys, Inc.



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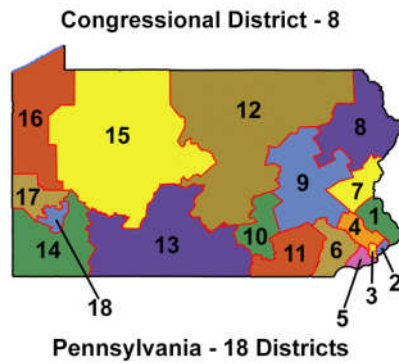
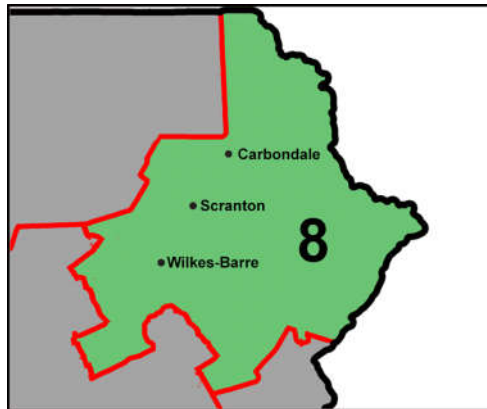
5 Suppliers: \$1,528,082.72

Representative: **Matt Cartwright**

District: 08

A. Rifkin Co.
Diamond Mfg. Co.
Weiler Corp.

Albar Machine Corp.
Naughton Energy Corp.



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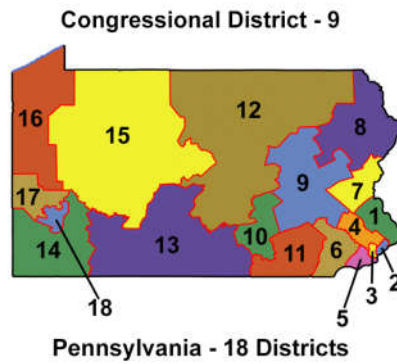
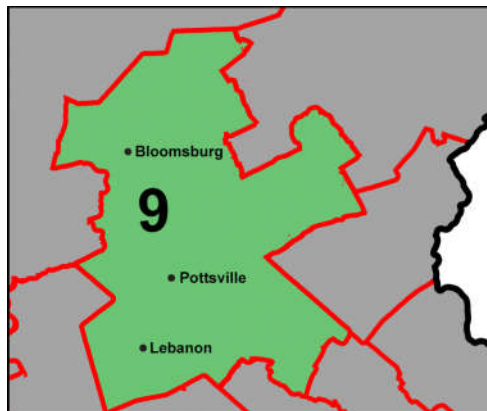
3 Suppliers: \$58,550,017.26

Representative: **Daniel Meuser**

District: 09

Arcos Industries, LLC
Tech Cast Holdings, LLC

PRL and Subsidiaries



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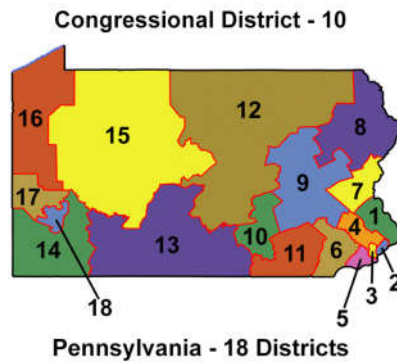
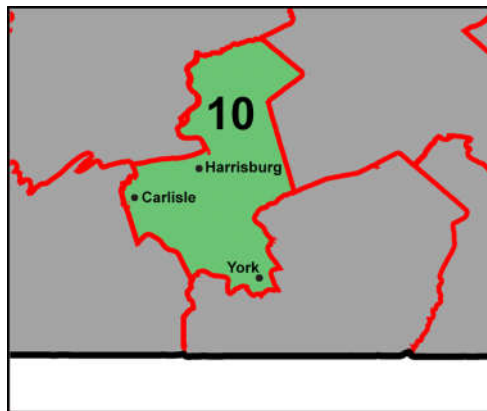
6 Suppliers: \$173,412,311.31

Representative: **Scott Perry**

District: 10

Allegheny York Co.
Harsco Corp.
Precision Custom Components, LLC

American Hydro Corp.
Johnson Controls Navy Systems
Wellman Dynamics Mach. & Assembly



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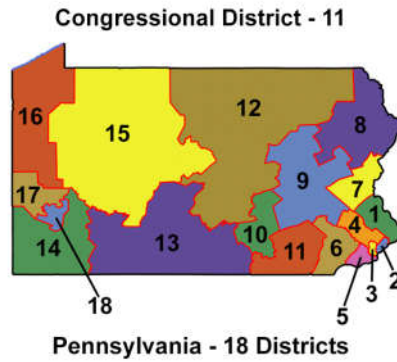
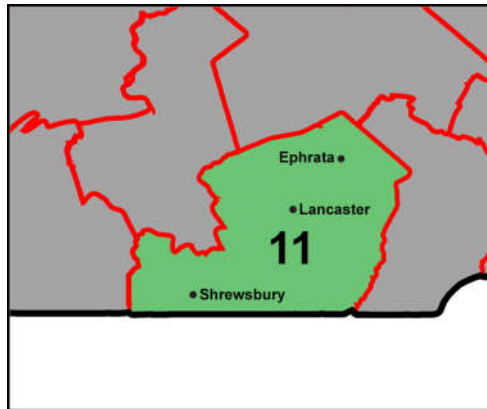
4 Suppliers: \$19,514,949.75

Representative: **Lloyd Smucker**

District: 11

Bearon Mfg., Inc.
Maugus Mfg., Inc.

Fluid Conditioning Products, Inc.
The ESAB Group, Inc.



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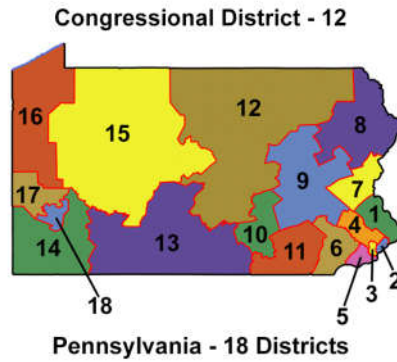
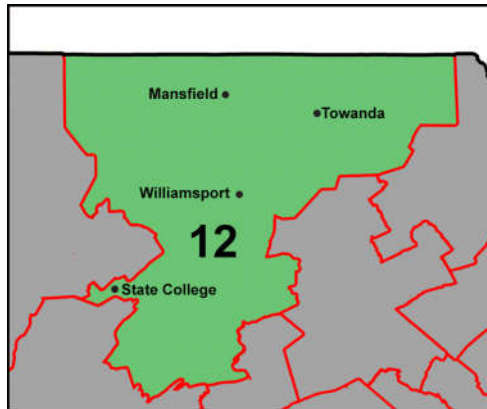
4 Suppliers: \$2,266,622.07

Representative: **Vacant**

District: 12

A D Stuart Associates
Staver Hydraulics Co., Inc.

Pennsylvania State University
Thermal Product Solutions



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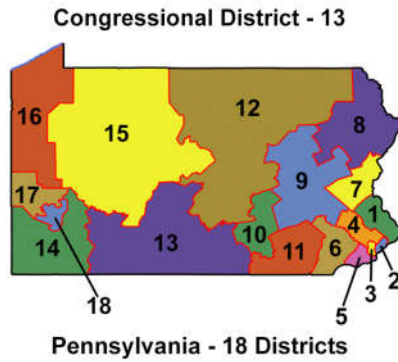
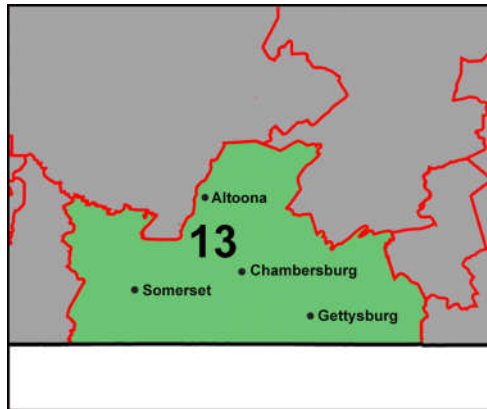
7 Suppliers: \$127,665,957.70

Representative: **John Joyce**

District: 13

D. L. Martin Company
North Amer. Hoganas High Alloys
Somerset Steel Erection Co., Inc.
Westmoreland Mech. Test/Research

DRS Laurel Technologies (MSS)
SFC Valve Corp.
Techspec, Inc.



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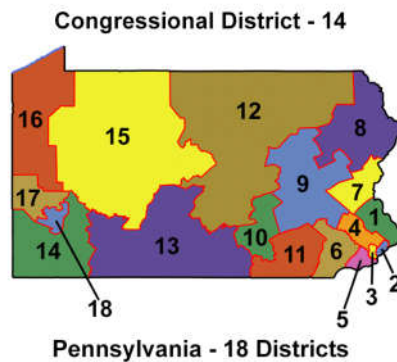
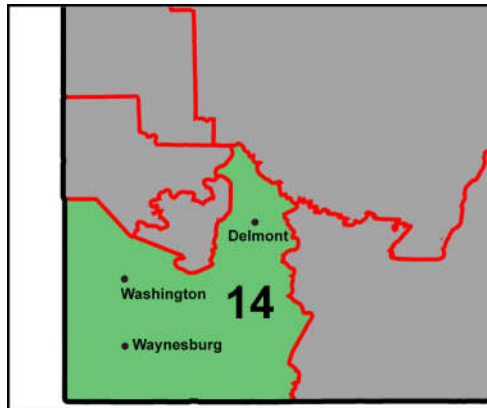
10 Suppliers: \$98,019,298.51

Representative: **Guy Reschenthaler**

District: 14

Accutrex Products, Inc.
Black Box Corp. of PA
Hamill Manufacturing
Kasto, Inc.
Powerex, Inc.

Ansys, Inc.
Gardner Denver Nash, LLC
Ice Qube, Inc.
Painter Tool, Inc.
Precision Defense Servs Inc.(dba) PDS I



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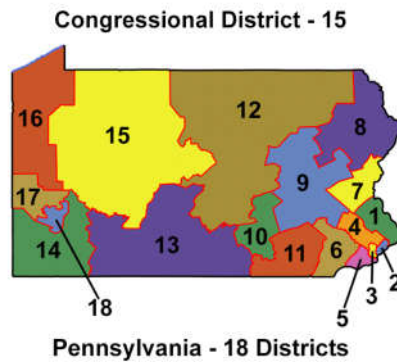
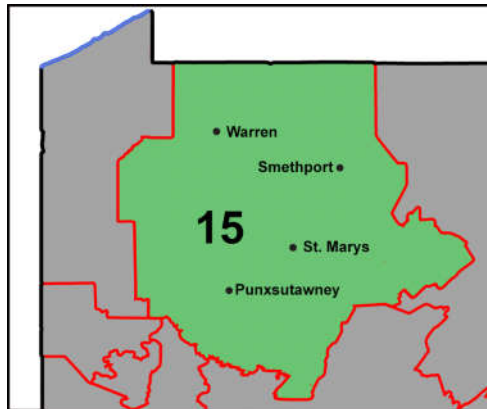
5 Suppliers: \$53,608,432.85

Representative: **Glen Thompson**

District: 15

Concurrent Tech. Corp.
Ellwood National Forge Co.
Measurement Instruments East, Inc.

Electralloy, a G.O. Carlson, Inc. Compan
Franklin Bronze Plaques, Inc.



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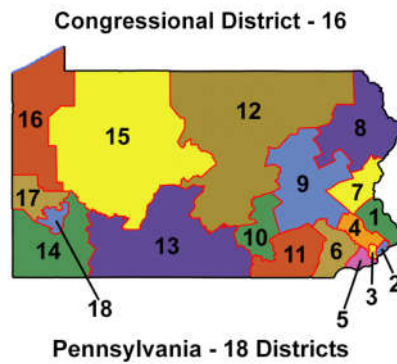
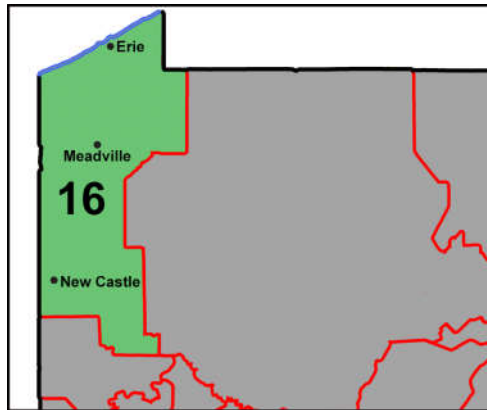
9 Suppliers: \$25,426,053.06

Representative: **Mike Kelly**

District: 16

Ellwood City Forge
Ezeflow U. S. A., Inc.
Lord Corp.
North American Forgemasters
Universal Mfg. Corp.

Erie Forge & Steel, Inc.
Graco High Pressure Equip. Co.
Majr Products Corp.
Power Conversion Tech., Inc.



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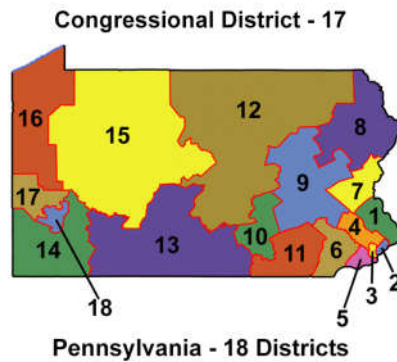
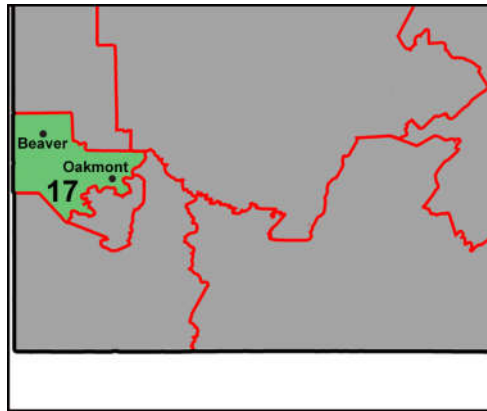
14 Suppliers: \$491,430,020.23

Representative: **Conor Lamb**

District: 17

Calgon Carbon Corp.
Chromalox, Inc.
EWT Holdings III Corp.
Fisher Scientific Co., LLC
Pentek, Inc.
Schroeder Industries, LLC
The Society Protect Coat

Cameron Tech. US, Inc.
Curtiss-Wright EMD
Fasteners Unlimited, Inc.
Mine Safety Appliances Co.
Pittsburgh Wire & Cable, Inc.
Superbolt, Inc.
TW Metals, Inc.



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5 Suppliers: \$31,666,345.64

Representative: **Michael F. Doyle**

District: 18

Advanced Pultrusions, LLC
CP Industries Holdings, Inc.
P. J. Dick, Inc.

Bolttech Mannings, Inc.
Detroit Switch, Inc.

