

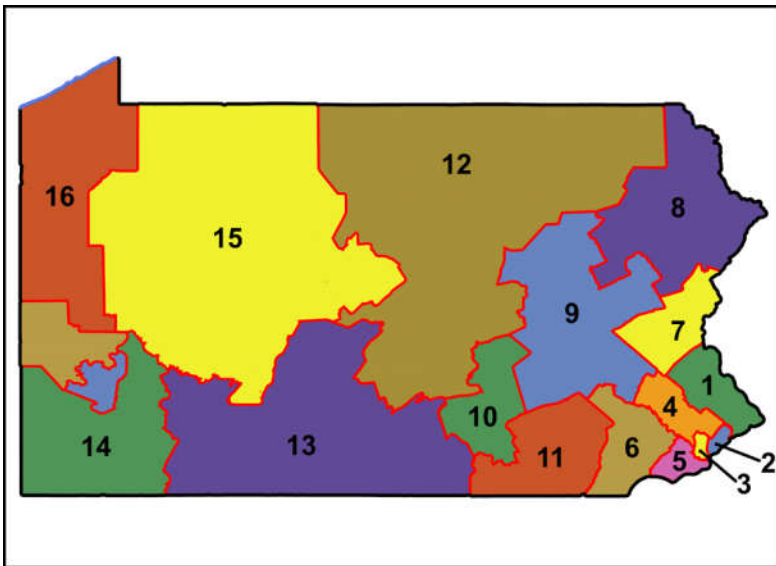
PENNSYLVANIA

\$2,162,413,185.79

188 Submarine Industrial Base Suppliers

The PENNSYLVANIA submarine industrial base has received approximately \$2,162,413,185.79 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

188 Suppliers: \$2,162,413,185.79

| Dist | Company | City | Dist | Company | City |
|------|---------------------------------|-----------------|------|------------------------------------|-----------------|
| 01 | A. M. Castle & Co. | Fairless Hills | 01 | Aerotek | Philadelphia |
| 01 | Airline Hydraulics Corp. | Bensalem | 01 | Alfa-Laval, Inc. | Warminster |
| 01 | B & G Mfg. Co. | Hatfield | 01 | Brooks Instrument, LLC | Hatfield |
| 01 | C. E. Conover & Co., Inc. | Bensalem | 01 | C. S. R., Inc. | Sellersville |
| 01 | Curtiss-Wright - EST Group | Hatfield | 01 | David McCollum | Perkasie |
| 01 | DBR Corp., Inc. | Newtown | 01 | Fiber Optic Marketplace, LLC | Quakertown |
| 01 | Freundlich Supply Co., Inc. | Bensalem | 01 | Inofast Mfg., Inc. | Hatfield |
| 01 | ISCO Corp. | Trevose | 01 | ITW Performance Polymers | Montgomeryville |
| 01 | Knowledge Key Associates, Inc. | Trevose | 01 | Laboratory Testing, Inc. | Hatfield |
| 01 | Metals USA Plates & Shapes | Langhorne | 01 | Newage Ind. | Southampton |
| 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 USA, Inc. | Warminster |
| 01 | United Contamination Control | Langhorne | 02 | American Wire Works, Inc. | Philadelphia |
| 02 | Greenhill Supply, LLC | Philadelphia | 02 | Kingsbury, Inc. | 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, Inc. | Philadelphia | 02 | Wickwire Warehouse, Inc. | Philadelphia |
| 03 | D. C. Humphrys Co., Inc. | Philadelphia | 03 | Derbyshire Machine & Tool Co. | Philadelphia |
| 04 | Allied Wire & Cable | Collegeville | 04 | Bestweld, Inc. | Pottstown |
| 04 | Brandon Products Group | N. Wales | 04 | Brightview Landscapes, LLC | Blue Bell |
| 04 | Derbyshire Marine Products, LLC | Harleysville | 04 | E. A. Waetjen, Inc. | Glenside |
| 04 | Gallagher Fluid Seals, Inc. | King of Prussia | 04 | H. M. Hillman Brass & Copper, Inc. | Willow Grove |
| 04 | Ives Equipment Corp. | King of Prussia | 04 | Jacquet Mid Atlantic | Pottstown |
| 04 | Jacquet Mid Atlantic, Inc. | Limerick | 04 | LCR Embedded Systems, Inc. | Jeffersonville |
| 04 | Marmetal Industries, LLC | Hatboro | 04 | Materials Sciences Corp. | Horsham |
| 04 | Oppenheimer Precision Products | Horsham | 04 | PFM Hosting, Inc. | Bala Cynwyd |
| 04 | Philadelphia Gear Corp. | King of Prussia | 04 | Q-Mation, Inc. | Horsham |
| 04 | Secure Components, LLC | Norristown | 04 | SPS Technologies | Jenkintown |
| 04 | Strainsert Co. | W. Conshohocken | 04 | Techni-Tool, Inc. | Worcester |
| 04 | The Triumph Group Operations | N. Wales | 04 | Timken Gears & Service, Inc. | King of Prussia |
| 04 | Tinius Olsen Test Machine Co. | Horsham | 04 | Two Technologies, Inc. | Horsham |
| 04 | Unisys Corp. | Blue Bell | 05 | Accurex Measurement, Inc. | Swarthmore |
| 05 | Airgas USA, LLC | Radnor | 05 | Chalmers & Kubeck, Inc. | Aston |
| 05 | Delphinus Eng., Inc. | Eddystone | 05 | General Aire Systems, Inc. | Darby |
| 05 | I & I Sling Co., Inc. | Aston | 05 | Pennsylvania Machine Works, Inc. | Aston |
| 05 | Rhoads Ind., Inc. | Philadelphia | 05 | West Philadelphia Bronze, Inc. | Chester |
| 06 | ACR Machine, Inc. | Coatesville | 06 | Admiral Valve, LLC | Kennett Square |

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

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| | | | | | |
|----|-----------------------------------|--------------|----|----------------------------------|-----------------|
| 06 | Ametek Superior Tube | Collegetown | 06 | Arcelormittal USA, LLC | Coatesville |
| 06 | BEC Systems, Inc. | Harleysville | 06 | Crestchic, Inc. | Glenmoore |
| 06 | ESI Acquisition Corp. | Malvern | 06 | F. S. Welsford Co. | Exton |
| 06 | G. O. Carlson, Inc. | Downingtown | 06 | Genex Services, LLC | Wayne |
| 06 | H & H SB, LLC | Wyomissing | 06 | Hillman Brass & Copper | Honey Brook |
| 06 | Lenape Forged Products Corp. | W. Chester | 06 | Pall Corp. | Exton |
| 06 | Quadrant EPP USA, Inc. | Reading | 06 | Thermo Electric Co., Inc. | W. Chester |
| 07 | Acopian Tech. Co. | Easton | 07 | Aetna Felt Corp. | Allentown |
| 07 | Air Products & Chemicals, Inc. | Allentown | 07 | Black & Decker, Inc. | Allentown |
| 07 | Bosch Rexroth Corp. | Bethlehem | 07 | Curtiss-Wright EMC | Bethlehem |
| 07 | Evonik Corp. | Allentown | 07 | Lancer Systems, LP | Allentown |
| 07 | Lehigh Heavy Forge Corp. | Bethlehem | 07 | National Magnetics Group, Inc. | Bethlehem |
| 07 | Stanley Industrial & Automotive | Allentown | 08 | A. Rifkin Co. | Wilkes-Barre |
| 08 | Albar Machine Corp. | Effort | 08 | Diamond Mfg. Co. | Wyoming |
| 08 | Naughton Energy Corp. | Pocono Pines | 08 | Weiler Brush Co., Inc. | Cresco |
| 08 | Weiler Corp. | Cresco | 09 | Arcos Industries, LLC | Mt. Carmel |
| 09 | PRL, Inc. | Cornwall | 09 | Tech Cast Holdings, LLC | Myerstown |
| 10 | Allegheny York Co. | Manchester | 10 | American Hydro Corp. | York |
| 10 | Johnson Controls Navy Systems | York | 10 | Marine Tech. Wire & Cable, Inc. | York |
| 10 | Precision Custom Component, LLC | York | 10 | Tyco Electronics Corp. | Middletown |
| 10 | Wellman Dynamics Mach. & Assembly | York | 10 | York International Corp. | York |
| 11 | Bearon Mfg., Inc. | Manheim | 11 | Bearon Mfg., LLC | Landisville |
| 11 | Fluid Conditioning Products, Inc. | Lititz | 11 | Greiner Ind., Inc. | Mt. Joy |
| 11 | Maugus Mfg., Inc. | Lancaster | 11 | Penn El Service Co. | Manheim |
| 12 | AD Stuart Associates | Lemont | 12 | DRS Laurel Tech. (MSS) | Johnstown |
| 12 | Ellwood City Forge | Ellwood City | 12 | G & M Bandsaw, Inc. | Montgomery |
| 12 | Staver Hydraulics Co., Inc. | Sayre | 12 | The Penn State University | University Park |
| 12 | Thermal Product Solutions | New Columbia | 13 | Bonney Forge Corp. | Mt. Union |
| 13 | Creative Pultrusions, Inc. | Alum Bank | 13 | D. L. Martin Co. | Mercersburg |
| 13 | Global/SFC Valve Corp. | Somerset | 13 | L-3 SPD Electrical Systems | Philadelphia |
| 13 | New Pig Corp. | Tipton | 13 | North Amer. Hoganas High Alloys | Johnstown |
| 13 | Tech Spec, Inc. | Derry | 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 | Key Bellevilles, Inc. | Leechburg | 14 | Painter Tool, Inc. | N. Huntingdon |
| 14 | Powerex, Inc. | Youngwood | 14 | Precision Defense Services, Inc. | Irwin |
| 14 | R. E. Dupill & Assoc., Ltd. | Leechburg | 14 | Westmoreland Mech. Test/Research | Youngstown |
| 15 | Concurrent Tech. Corp. | Johnstown | 15 | Electralloy | Oil City |
| 15 | Ellwood National Forge Co. | Irvine | 15 | Franklin Bronze Plaques, Inc. | Franklin |
| 15 | Power Conversion Tech., Inc. | Butler | 16 | Erie Forge & Steel | Erie |

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| | | | | | |
|----|-----------------------------------|------------------|----|--------------------------------|------------------|
| 16 | Ezeflow USA | New Castle | 16 | Federal Resources Corp. | Erie |
| 16 | GE Energy Power Conversion USA | Anberry Township | 16 | Grace Industries, Inc. | Fredonia |
| 16 | Graco High Pressure Equip. Co. | Erie | 16 | Hy-Tech Machine, Inc. | Anberry Township |
| 16 | Majr Products Corp. | Saegertown | 16 | North American Forgemasters | New Castle |
| 16 | Precision Profiles, LLC | Titusville | 16 | Universal Mfg. Corp. | Zelienople |
| 17 | Calgon Carbon Corp. | Pittsburgh | 17 | Cameron Tech. US, LLC | Coraopolis |
| 17 | Chromalox, Inc. | Pittsburgh | 17 | Conco Services Corp. | Verona |
| 17 | Curtiss-Wright Electro-Mechanical | Cheswick | 17 | Development Dimensions Intn'l. | Bridgeville |
| 17 | EWT Holdings III Corp. | Warrendale | 17 | Fasteners Unlimited, Inc. | Warrendale |
| 17 | Fisher Scientific Co., LLC | Pittsburgh | 17 | Mine Safety Appliances Co. | Anberry Township |
| 17 | Pittsburgh Wire & Cable, Inc. | Pittsburgh | 17 | Schroeder Industries, LLC | Leetsdale |
| 17 | SSPC The Society Protect Coat | Pittsburgh | 17 | Superbolt, Inc. | Carnegie |
| 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 | 18 | Jones Lang LaSalle Americas | Pittsburgh |

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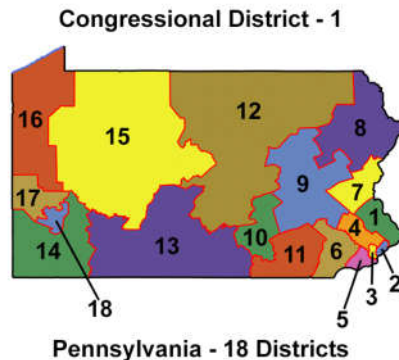
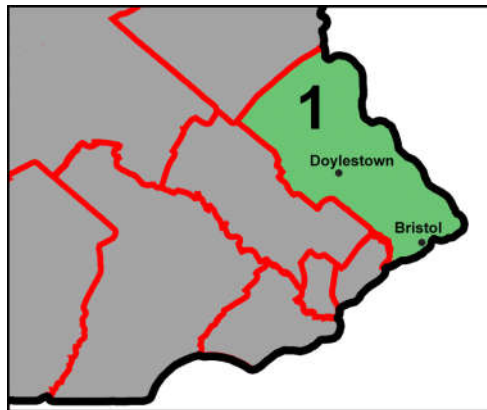
27 Suppliers: \$63,529,754.19

Representative: **Brian K. Fitzpatrick**

District: 01

A. M. Castle & Co.
Airline Hydraulics Corp.
B & G Mfg. Co.
C. E. Conover & Co., Inc.
Curtiss-Wright - EST Group
DBR Corp., Inc.
Freundlich Supply Co., Inc.
ISCO Corp.
Knowledge Key Associates, Inc.
Metals USA Plates & Shapes
P & R Industries, Inc.
Plastic Dip Moldings, Inc.
Stefanowicz & Lutz, Inc.
United Contamination Control

Aerotek
Alfa-Laval, Inc.
Brooks Instrument, LLC
C. S. R., Inc.
David McCollum
Fiber Optic Marketplace, LLC
Inofast Mfg., Inc.
ITW Performance Polymers
Laboratory Testing, Inc.
Newage Ind.
Penn Stainless Products
Railway Specialties Corp.
Teikoku USA, Inc.



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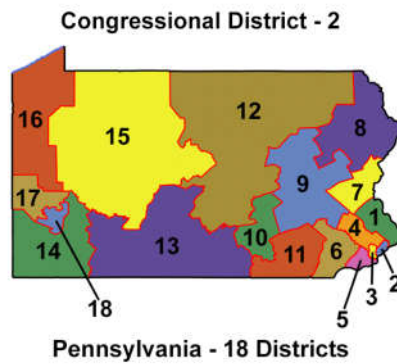
9 Suppliers: \$106,624,971.31

Representative: **Brendon F. Boyle**

District: 02

American Wire Works, Inc.
Kingsbury, Inc.
R-Way Gasket & Supply Co.
SPD Electrical System, Inc.
Wickwire Warehouse, Inc.

Greenhill Supply, LLC
PEI-Genesis, Inc.
Sandmeyer Steel Co.
Tioga Pipe, Inc.



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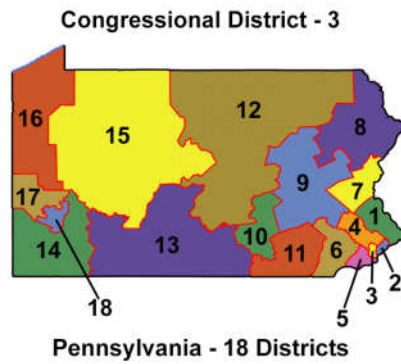
2 Suppliers: \$13,228,761.73

Representative: **Dwight Evans**

District: 03

D. C. Humphrys Co., Inc.

Derbyshire Machine & Tool Co.



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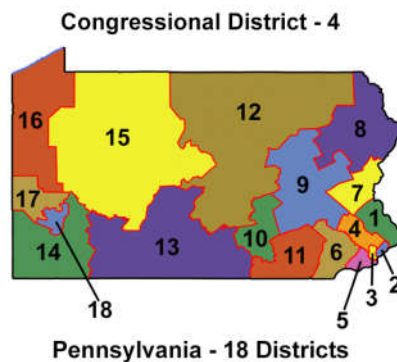
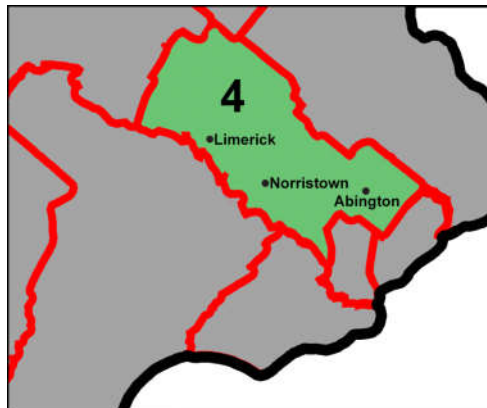
27 Suppliers: \$18,333,539.01

Representative: **Madeleine Dean**

District: 04

Allied Wire & Cable
Brandon Products Group
Derbyshire Marine Products, LLC
Gallagher Fluid Seals, Inc.
Ives Equipment Corp.
Jacquet Mid Atlantic, Inc.
Marmetal Industries, LLC
Oppenheimer Precision Products
Philadelphia Gear Corp.
Secure Components, LLC
Strainsert Co.
The Triumph Group Operations
Tinius Olsen Test Machine Co.
Unisys Corp.

Bestweld, Inc.
Brightview Landscapes, LLC
E. A. Waetjen, Inc.
H. M. Hillman Brass & Copper, Inc.
Jacquet Mid Atlantic
LCR Embedded Systems, Inc.
Materials Sciences Corp.
PFM Hosting, Inc.
Q-Mation, Inc.
SPS Technologies
Techni-Tool, Inc.
Timken Gears & Service, Inc.
Two Technologies, Inc.



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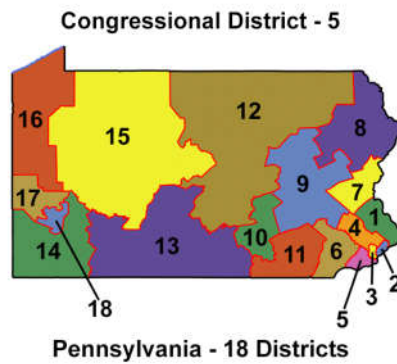
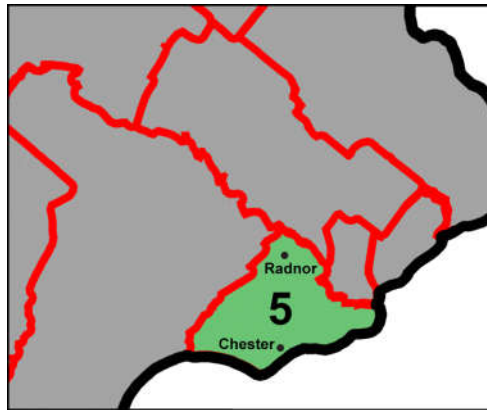
9 Suppliers: \$33,090,955.29

Representative: **Mary Gay Scanlon**

District: 05

Accurex Measurement, Inc.
Chalmers & Kubeck, Inc.
General Aire Systems, Inc.
Pennsylvania Machine Works, Inc.
West Philadelphia Bronze, Inc.

Airgas USA, LLC
Delphinus Eng., Inc.
I & I Sling Co., Inc.
Rhoads Ind., Inc.



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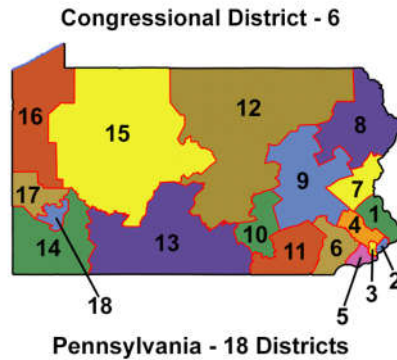
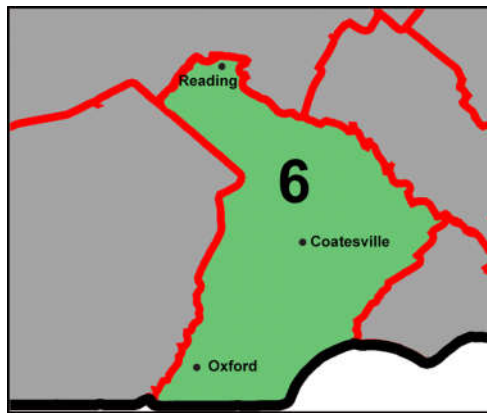
16 Suppliers: \$339,037,506.07

Representative: **Chrissy Houlahan**

District: 06

ACR Machine, Inc.
Ametek Superior Tube
BEC Systems, Inc.
ESI Acquisition Corp.
G. O. Carlson, Inc.
H & H SB, LLC
Lenape Forged Products Corp.
Quadrant EPP USA, Inc.

Admiral Valve, LLC
Arcelormittal USA, LLC
Crestchic, Inc.
F. S. Welsford Co.
Genex Services, LLC
Hillman Brass & Copper
Pall Corp.
Thermo Electric Co., Inc.



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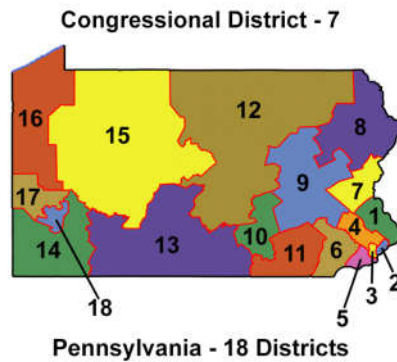
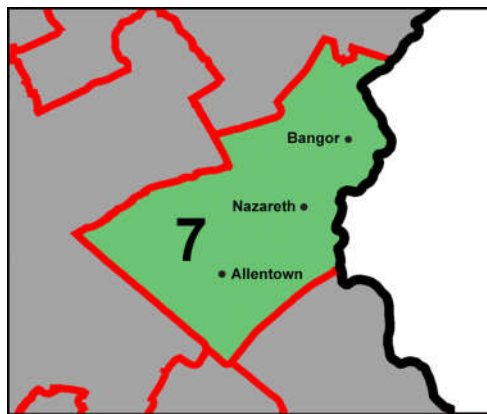
11 Suppliers: \$234,700,852.53

Representative: **Susan Wild**

District: 07

Acopian Tech. Co.
Air Products & Chemicals, Inc.
Bosch Rexroth Corp.
Evonik Corp.
Lehigh Heavy Forge Corp.
Stanley Industrial & Automotive

Aetna Felt Corp.
Black & Decker, Inc.
Curtiss-Wright EMC
Lancer Systems, LP
National Magnetics Group, Inc.



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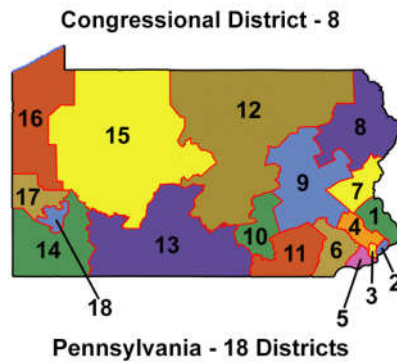
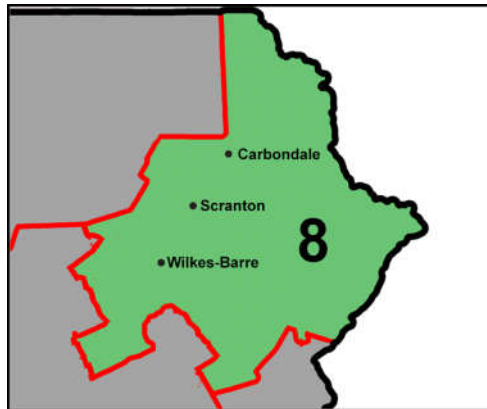
6 Suppliers: \$2,699,915.60

Representative: **Matt Cartwright**

District: 08

A. Rifkin Co.
Diamond Mfg. Co.
Weiler Brush Co., Inc.

Albar Machine Corp.
Naughton Energy Corp.
Weiler Corp.



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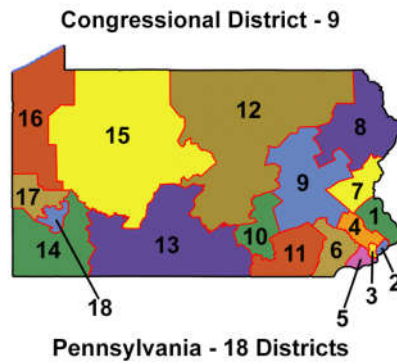
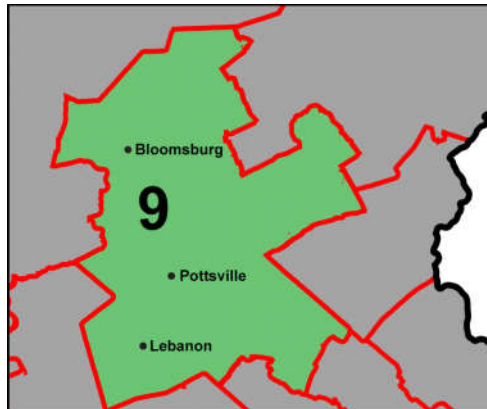
3 Suppliers: \$61,119,583.05

Representative: **Daniel Meuser**

District: 09

Arcos Industries, LLC
Tech Cast Holdings, LLC

PRL, Inc.



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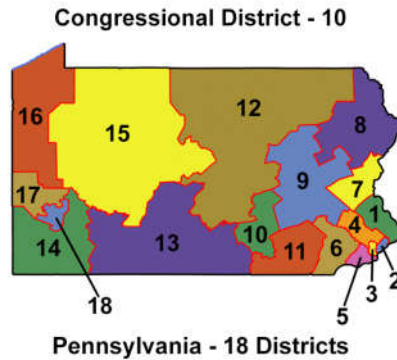
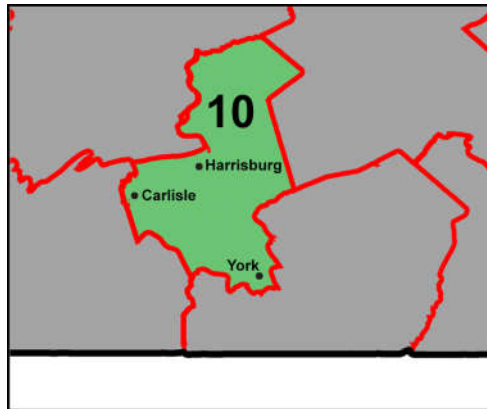
8 Suppliers: \$330,583,174.79

Representative: **Scott Perry**

District: 10

Allegheny York Co.
Johnson Controls Navy Systems
Precision Custom Component, LLC
Wellman Dynamics Mach. & Assembly

American Hydro Corp.
Marine Tech. Wire & Cable, Inc.
Tyco Electronics Corp.
York International Corp.



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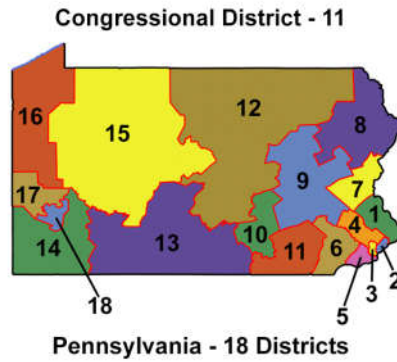
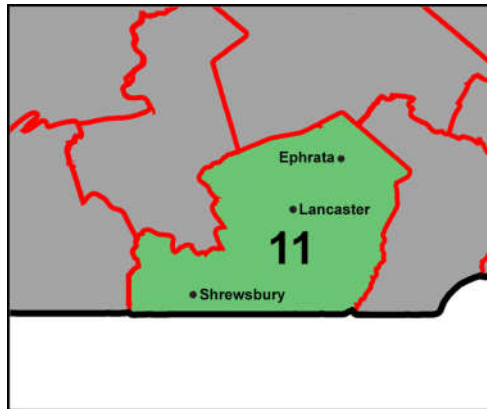
6 Suppliers: \$13,055,511.08

Representative: **Lloyd Smucker**

District: 11

Bearon Mfg., Inc.
Fluid Conditioning Products, Inc.
Maugus Mfg., Inc.

Bearon Mfg., LLC
Greiner Ind., Inc.
Penn EI Service Co.



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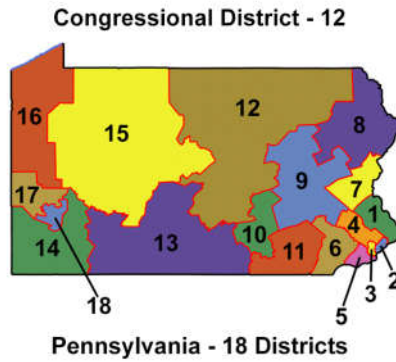
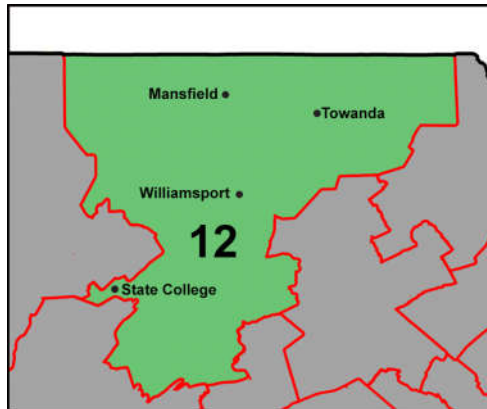
7 Suppliers: \$105,328,592.83

Representative: **Fred Keller**

District: 12

AD Stuart Associates
Ellwood City Forge
Staver Hydraulics Co., Inc.
Thermal Product Solutions

DRS Laurel Tech. (MSS)
G & M Bandsaw, Inc.
The Penn State University



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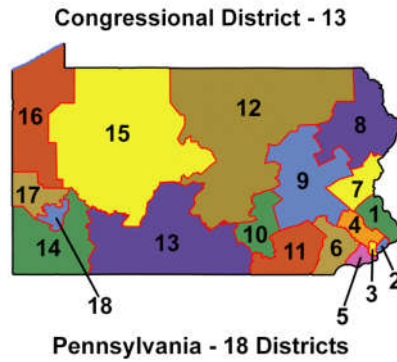
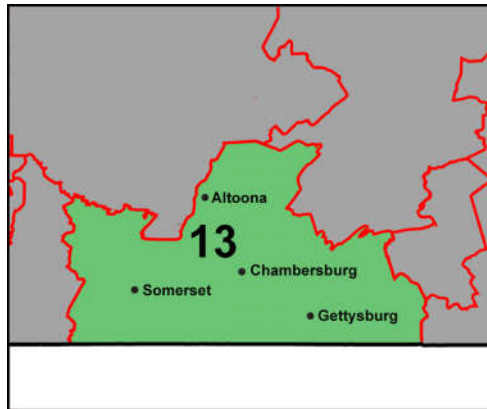
8 Suppliers: \$93,959,510.28

Representative: **John Joyce**

District: 13

Bonney Forge Corp.
D. L. Martin Co.
L-3 SPD Electrical Systems
North Amer. Hognas High Alloys

Creative Pultrusions, Inc.
Global/SFC Valve Corp.
New Pig Corp.
Tech Spec, Inc.



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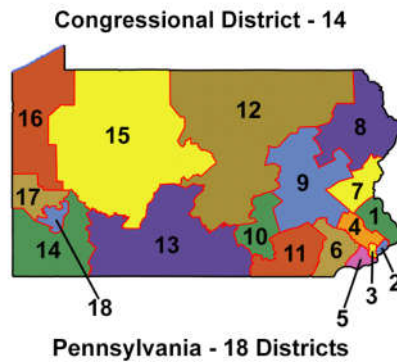
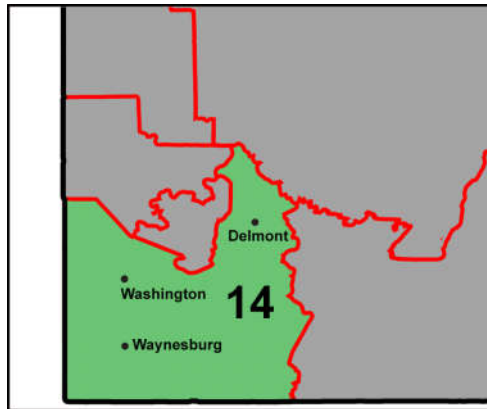
13 Suppliers: \$170,083,661.40

Representative: **Guy Reschenthaler**

District: 14

Accutrex Products, Inc.
Black Box Corp. of PA
Hamill Manufacturing
Kasto, Inc.
Painter Tool, Inc.
Precision Defense Services, Inc.
Westmoreland Mech. Test/Research

Ansys, Inc.
Gardner Denver Nash, LLC
Ice Qube, Inc.
Key Belleilles, Inc.
Powerex, Inc.
R. E. Dupill & Assoc., Ltd.



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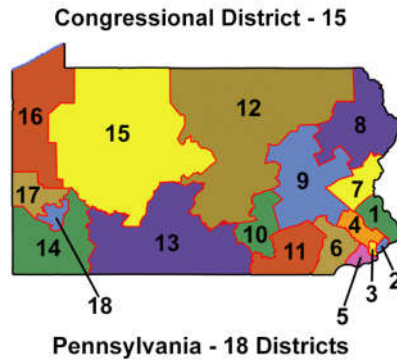
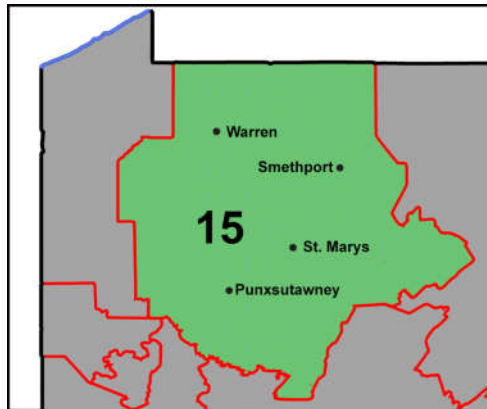
5 Suppliers: \$72,926,858.30

Representative: **Glen Thompson**

District: 15

Concurrent Tech. Corp.
Ellwood National Forge Co.
Power Conversion Tech., Inc.

Electralloy
Franklin Bronze Plaques, Inc.



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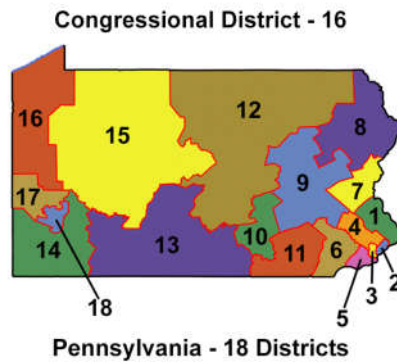
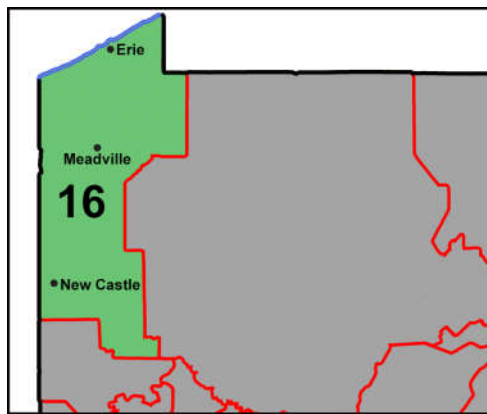
11 Suppliers: \$41,349,977.00

Representative: **Mike Kelly**

District: 16

Erie Forge & Steel
Federal Resources Corp.
Grace Industries, Inc.
Hy-Tech Machine, Inc.
North American Forgemasters
Universal Mfg. Corp.

Ezeflow USA
GE Energy Power Conversion USA
Graco High Pressure Equip. Co.
Majr Products Corp.
Precision Profiles, LLC



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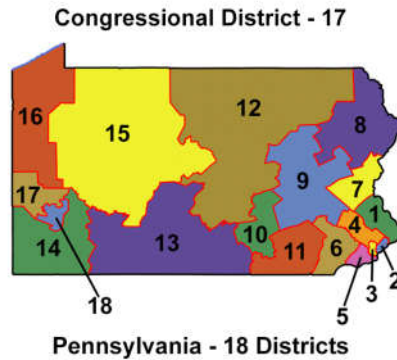
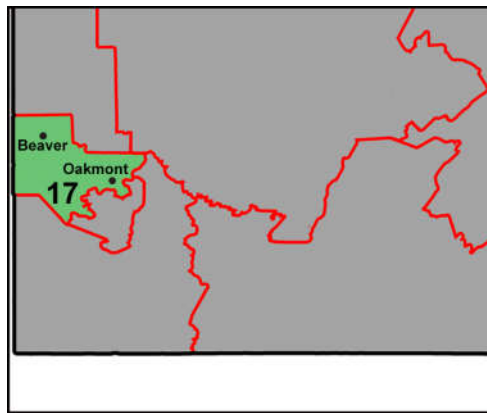
15 Suppliers: \$425,446,243.38

Representative: **Conor Lamb**

District: 17

Calgon Carbon Corp.
Chromalox, Inc.
Curtiss-Wright Electro-Mechanical
EWT Holdings III Corp.
Fisher Scientific Co., LLC
Pittsburgh Wire & Cable, Inc.
SSPC The Society Protect Coat
TW Metals, Inc.

Cameron Tech. US, LLC
Conco Services Corp.
Development Dimensions Intn'l.
Fasteners Unlimited, Inc.
Mine Safety Appliances Co.
Schroeder Industries, LLC
Superbolt, Inc.



PENNSYLVANIA

5 Suppliers: \$37,313,817.95

Representative: **Michael F. Doyle**

District: 18

Advanced Pultrusions, LLC
CP Industries Holdings, Inc.
Jones Lang LaSalle Americas

Bolttech Mannings, Inc.
Detroit Switch, Inc.

