



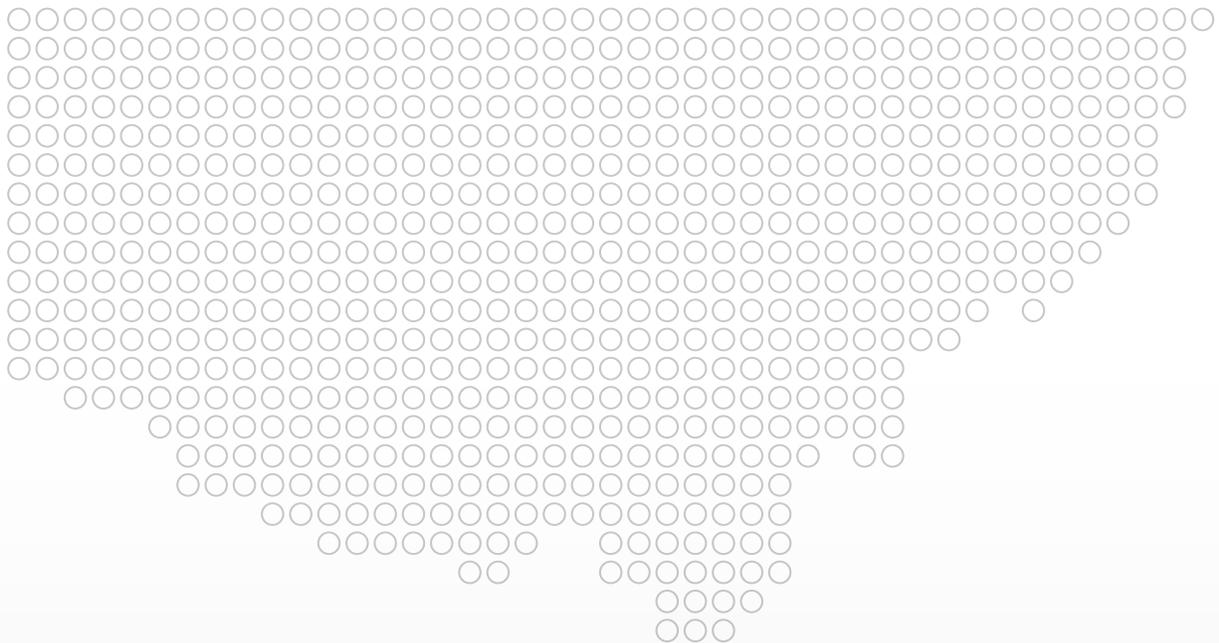
John R. Kasich, Governor

Development  
Services Agency

David Goodman, Director



OHIO DEVELOPMENT SERVICES AGENCY  
**2013 ANNUAL REPORT**





**Governor Kasich, Members of the General Assembly and fellow Ohioans:**

I am pleased to present the Fiscal Year 2013 Annual Report of the Ohio Development Services Agency. The Development Services Agency stands as a partner with other state agencies and private entities to: grow jobs, cut government bureaucracy and improve customer service and access to services.

The Development Services Agency oversees the awarding of state and federal incentives, manages projects and programs which receive state and federal funding and markets the state of Ohio through the Governor's Office of Appalachia and the Office of Tourism (TourismOhio).

When public resources are used, the Development Services Agency will ensure individuals, businesses and communities fulfill their promises of job creation, capital investment or community development and enrichment. This kind of accountability for public money is a responsibility I take very seriously.

For the first time, the Development Services Agency is presenting an annual report which combines an overview of the services we have provided in the last year as well as all the statutorily-required reporting, unless otherwise noted.

In addition, as required by law, information about all grants by the Agency is updated regularly and can be found online at <http://development.ohio.gov/hb420>. Similarly, information about all approved tax incentives can be found online at: <http://development.ohio.gov/hb1>.

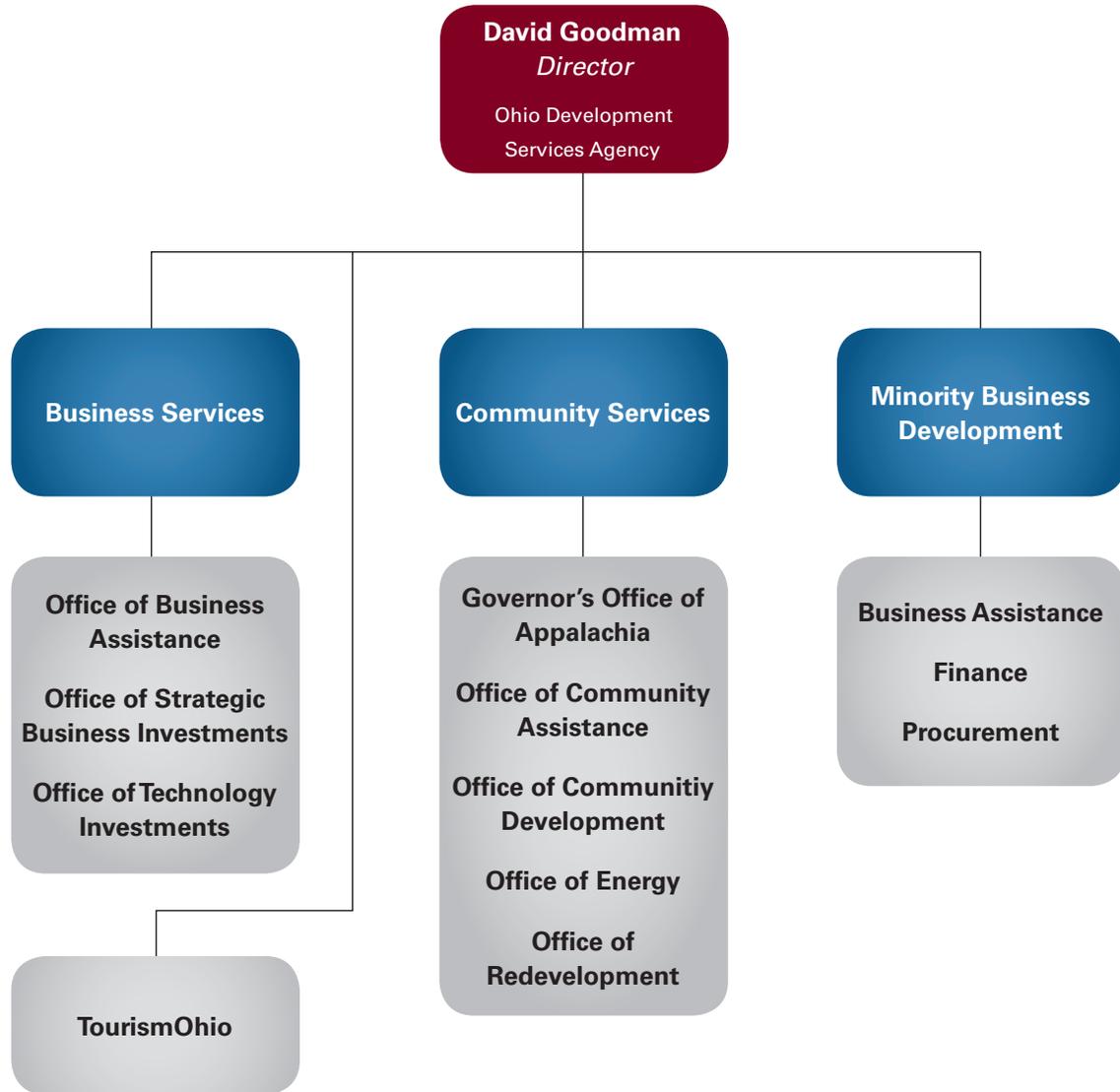
In the coming year, the Development Services Agency will focus on greater accountability for public funds, transparency in use of public funds and exceptional customer service for Ohio businesses, communities, the general public and your offices.

**David Goodman**  
Director, Development Services Agency.

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## Executive Summary

The Ohio Development Services Agency supports JobsOhio, the private, nonprofit economic development entity, in its efforts to market Ohio and attract job creators to the state. The Agency also oversees the awarding, distribution and monitoring of tax incentives, loans and grants where public incentives are involved. The Agency administers funds to assist vulnerable individuals, encourage vibrant, growing communities and market Ohio to visitors, as prescribed by the Ohio General Assembly.

This annual report includes the fulfillment of reporting requested by the Ohio General Assembly, unless otherwise noted herein.

The Agency's work is done through three Divisions: **Business Services Division, Community Services Division and Minority Business Development Division.**

## Business Services Division

The Business Services Division has three main functions: help entrepreneurs and small businesses to be strong so they can grow jobs; administer public incentives to ensure an appropriate return on Ohio investment and to ensure job and capital investment commitments to Ohio are fulfilled through the life of the incentives.

In Fiscal Year 2013, we helped companies find and develop the capital, talent and technology they needed to grow. And we helped small business owners, manufacturers and technology companies decrease costs, increase sales and solve problems to make their businesses stronger.

### Helping Businesses Grow

Through 41 **Small Business Development Centers (SBDC)** across the state, 8,174 clients received individual assistance.

Veteran Owned	Service-disabled Veteran Owned	Woman Owned	Male Owned
668	90	3,336	4,445

Another 12,605 people attended business training events. The centers helped 448 Ohio businesses get their start between October 2011 and September 2012, which is the centers' reporting year.

### Exporting Assistance

In 2012, Ohio companies exported \$48.5 billion worth of goods to 210 countries and territories throughout the world, making Ohio the ninth largest exporting state in the country. Ohio is currently on track to set a record for exports in Calendar Year 2013.

The **Ohio International Market Access Grant for Exporters (IMAGE)** program is designed to increase exports and create jobs by helping small Ohio businesses promote their products and services in new international markets. In Fiscal Year 2013, companies participating in the program have reported: 206 new customers, 27 new distributors, \$6.6 million in new export sales and first-time sales to 18 new markets.

### Ohio Job Creation Tax Credits

The **Ohio Tax Credit Authority (Authority)** is responsible for approving Job Creation Tax Credit benefit rates and terms based upon a proposed project's scope and viability. For the 2012 Calendar Year, 103 agreements were executed for approved tax credits.

The 103 new agreements came with commitments to create 12,529 jobs and retain 20,827 existing full-time positions. This includes a commitment of more than \$620,485,000 in new payroll as well as planned fixed-asset investments of \$1,394,498,447 in communities across the state.



161 agreements were amended in Calendar Year 2012.

There are 1,581 agreements entered into prior to January 1, 2012, of those, 869 are active, 557 have been terminated and 155 have closed at the end of the credit term.

The list of these projects is detailed in *Appendix 1*.

### **Ohio Job Retention Tax Credits**

The Ohio Tax Credit Authority (Authority) is also responsible for approving Job Retention Tax Credit benefit rates and terms based upon a proposed project's scope and viability.

Tax credits are awarded on the conditions that a taxpayer remain at its project location and report to the Ohio Development Services Agency for a significant number of years.

There were nine Job Retention Tax Credit agreements with the Authority during Calendar Year 2012. Two of these were approved by the Authority in the calendar year, the remainder were approved in prior years and executed in 2012, or their agreements were amended from previously executed agreements.

Economic benefits to the state associated with those tax credit agreements include commitments to retain 16,454 positions and fixed-asset investment totaling \$797.1 million.

There are 12 active agreements entered into prior to January 1, 2012, and one which has been terminated.

For Calendar Year 2012, the Ohio Tax Credit Authority neither received an application nor approved an exemption for the computer data center tax exemption.

The list of these projects is detailed in *Appendix 2*.

### **Oho Enterprise Zone Program**

During Calendar Year 2012, the Agency worked with communities to provide 54 new Enterprise Zone Program agreements, which offer exemptions from property taxation for eligible investments in capital assets. These agreements are expected to cost the state \$6,384,071 in foregone real property tax revenue, and are expected to generate more than \$81.8 million in new annual payroll. In addition, the program awarded six companies employee tax credit certificates during the calendar year. The new projects will provide these communities with new local property tax revenues and, where applicable, increases in local municipal income taxes. The projects are also expected to create 2,545 jobs for Ohioans.

Additionally, information for 2012 agreements including employment and investment commitments, school district compensation agreements and project locations can be found in *Appendix 3*.

### **Business Loan Incentives**

The **Logistics and Distribution Stimulus Loan Fund** is designed to support the development of major transportation, logistics and infrastructure projects in the state of Ohio. Outreach was conducted throughout the state.

Three loans were awarded for these projects in Fiscal Year 2013. The Clinton County Port Authority received a loan for \$1,595,000 to construct a 100,000-square-foot hangar and committed to create 259 jobs as well as to retain 385 jobs. NewGreen Legacy Services, Inc. received a loan for \$600,000 to construct a 4,085-foot rail siding at its facility as well as rehabilitate three miles of existing track and committed to create 40 jobs as well as to retain 20 jobs. Toledo-Lucas County Port Authority received a loan for \$2,782,996 to purchase machinery and equipment as well as modify an existing structure and committed to create 100 jobs.



All but one of the loans awarded in previous years for logistics and distribution projects have been funded. None of the previous loans awarded in Fiscal Year 2013 were located in economically distressed areas.

Loan Incentives under the **Facilities Establishment Fund** are audited annually by a third-party. The Fiscal Year 2013 audit is underway and will be presented by October 1, 2013.

In Fiscal Year 2013, the Division improved its internal processes to increase transparency and accountability for state incentives while reducing government bureaucracy. A new web-based annual report form has reduced paperwork and made it easier for customers so that they can concentrate on their core business while improving the integrity of the reported data. The submission rate for companies subject to compliance is more than 95 percent, an improvement of more than 50 percent over the same time last year.

## Office of Technology Investments

Fostering innovation, commercializing research and generating high-tech, high-paying jobs is Ohio's future. The Office of Technology Investments administers programs such as Ohio Third Frontier, the Thomas Edison Program and the Ohio Capital Fund.

### Ohio Third Frontier

The largest and most broad-based initiative within the Office of Technology Investments is Ohio Third Frontier. During Fiscal Year 2013, the Ohio Third Frontier Commission approved \$131 million in awards to assist in the formation and growth of new technology-based companies that will be a strong foundation for Ohio job creation.

Highlights of Third Frontier programs that assisted Ohio high-tech businesses in Fiscal Year 2013:

The **Entrepreneurial Signature Program** supports six regional organizations that offer Ohio entrepreneurs services to accelerate the growth of early-stage Ohio technology companies.

Services include: help defining a business model; concept/market/price validation; financial planning; intellectual property evaluation; strategy, legal, tax and accounting services; talent recruitment; investor recruitment; and assistance in raising capital. The program invested more than \$34 million to assist technology entrepreneurs through the end of Calendar Year 2014.

The **Pre-Seed Fund Capitalization Program** provides capital to for-profit and nonprofit fund managers to increase the availability of professionally managed capital and associated services to accelerate the growth of early-stage Ohio technology companies. A record high investment of \$36 million was approved by the Ohio Third Frontier Commission to provide nine proven Ohio fund managers with capital to invest in Ohio businesses. This investment will provide leverage to bring more than \$70 million in pre-seed capital, helping early-stage companies grow here in Ohio. In order to create sustainability, the program transitioned from grants to loans.

The **Tech Validation and Startup Fund** was created in Fiscal Year 2012 to help Ohio-based startup companies commercialize technologies developed by Ohio research institutions. The fourth round of competition was held in Fiscal Year 2013 and resulted in the awarding of nearly \$270,000 to four Ohio research institutions to bring new technologies to commercial use and create new Ohio companies. In addition, nearly \$600,000 was approved for six Ohio startup companies actively commercializing technologies developed through Ohio research institutions.

Mentoring young entrepreneurs as they launch their businesses and secure critical funding is the mission of the **Ohio New Entrepreneurs Fund (ONE Fund)**. Up to 10 teams of young entrepreneurs are competitively chosen through business accelerators, which are consulting companies that assist businesses to grow to the next level. Selected teams of entrepreneurs work under the guidance of seasoned entrepreneurs, industry experts and investors to launch a new, job-creating business venture. In Fiscal Year 2013, new accelerators accepted to the program include Bizdom in Cleveland, Founders Factory in Columbus, the Brandery in Cincinnati and Shaker LaunchHouse in Shaker Heights. Investments of \$800,000 were made through the program. In addition, an online network connecting college applicants with performing arts programs launched through the Ohio New



Entrepreneurs Fund. The company received \$2 million in investments from TechColumbus and NCT Ventures as well as from private investors.

The **Innovation Platform Program** supports the collaboration between universities or not-for-profit research institutions with private businesses to bring new technologies to market. In Fiscal Year 2013, more than \$34 million was awarded to support 12 collaborative projects.

In addition, the Ohio Third Frontier launched three new programs for which we are currently taking applications:

The **Commercial Acceleration Loan Fund** is a \$20 million fund providing startup companies with later-stage debt financing to continue their growth and more established companies with funding to launch new products.

The \$15 million **Technology Asset Grant** funds shared infrastructure projects needed to develop new technologies. Funding can go towards facilities and/or equipment that at least two companies or an Ohio federal procurement agency believes is critical to developing the technology. The program provides up to \$5 million per project for up to three years.

The \$50 million **Technology Commercialization Center** program helps move university or research institution technology to the market, benefiting growing Ohio technology industries. Centers will have ability to advance the products and services, leading to new company formation and capitalization, as well as company expansion and attraction. The program will support a small number of major centers, providing up to \$25 million for no more than four years.

Ohio Third Frontier awards are detailed in *Appendix 4*.

### **Thomas Edison Program**

The **Ohio Incubator Program** is transitioning from the Thomas Edison Program to Ohio Third Frontier. Incubators provide access to critical business services that help tenant companies become thriving, self-sustaining business members of Ohio communities. This fits well with the many Ohio Third Frontier programs that support Ohio entrepreneurs as they work to create jobs and grow their companies. The **Industrial Technology and Enterprise Advisory Council** has recommended transitional funding to ensure the shift from the Edison Program to Ohio Third Frontier will not impact the delivery of service to customers. Look for the transition to be complete in early 2014. This transition sets the stage for the Thomas Edison Program to provide more support in the Ohio manufacturing sector by expanding the Manufacturing Extension Partnership (MEP), which assists manufacturing companies.

### **Ohio Venture Capital Program**

The Ohio Venture Capital Program was created by the Ohio General Assembly in 2003 and commits money to Ohio-based venture capital firms, with the goal of providing early-stage Ohio companies with funding to grow and mature. The program is overseen by the Ohio Venture Capital Authority, and Buckeye Venture Partners serves as the sole program administrator. Investment guidelines are set forth in law and guided by the program administrator under the supervision of the Ohio Venture Capital Authority. The Ohio Development Services Agency has a statutory advisory responsibility and provides staff support.

As of March 31, 2013, the program had invested \$97.8 million with 27 different venture capital firms, which in turn have invested in 71 early-stage companies located throughout Ohio. Those venture capital firms have invested \$220.4 million in Ohio companies.

In Fiscal Year 2013, the Ohio Venture Capital Authority worked to refinance its debt to take advantage of lower interest rates.

It is anticipated the Ohio Venture Capital Authority will file its annual report on January 1, 2014.



## Minority Business Development Division

The Minority Business Development Division works to increase opportunities for minority businesses to fully participate in the Ohio economy while making diversity a source of economic strength. This division leads the state's efforts to create, develop and grow minority-owned businesses.

Governor John Kasich signed Executive Order 2012-13K in July 2012 re-establishing the **Ohio Minority Business Advisory Council**. The Executive Order established an executive committee of the Council to develop strategies and recommendations for promoting the growth and expansion of Ohio minority businesses to the administration. The Council membership is diverse, representing various regions and ethnic groups, and is comprised of individuals engaged in the development of minority businesses through private industry, government or scholarly work. The governor has mandated all state agencies work to increase participation by minority businesses in state contracts to at least 15 percent. Elevating the status of the minority office to a division shows Governor Kasich's commitment to this goal. The Division, with support of the Council and in conjunction with the Department of Administrative Services, is simplifying the certification process for **Encouraging Diversity, Growth and Equity (EDGE)** program and **Minority Business Enterprises (MBE)** simplifying the process we are encouraging minority businesses to apply and get certified, so these companies are eligible to compete for state contracts.

Through 10 **Minority Business Assistance Centers** across the state, the Division provides technical assistance and connects businesses with procurement opportunities. During Calendar Year 2012 and the first half of 2013, the Minority Business Assistance Centers assisted more than 2,970 clients during 341 counseling sessions. Center clients obtained contract awards totaling \$80,500,936, loans totaling \$4,281,554 and surety bonding totaling \$7,937,779.

An additional 2,077 minority business people were assisted through the Small Business Development Centers in the Business Services Division.

The **Ohio Procurement Technical Assistance Centers (PTAC)** help small businesses sell goods and services to federal, state and local governments. There are seven PTAC offices located throughout the state staffed with business counselors with expertise in government contracting. Services include: e-commerce training, bid preparation assistance, marketing assistance, post-award assistance, subcontracting assistance, one-on-one training, information resources and preparation for trade shows.

During the Procurement Technical Assistance Centers (PTAC) Fiscal Year 2012 (February 1, 2012 – January 31, 2013) the centers assisted Ohio businesses in obtaining \$716,290,164 in federal, state and local contracts through more than 4,205 counseling sessions and 115 outreach training sessions.

### Loans to Grow Small Businesses

The **State Small Business Credit Initiative (SSBCI)** is intended to expand access to credit for small businesses. The Minority Business Development Division utilized SSBCI funds for the **Ohio Collateral Enhancement Program** and the **Ohio Capital Access Program** as an incentive to banks and other financial institutions to make loans to small businesses. The Collateral Enhancement Program closed 41 loans and disbursed \$4,077,163 in SSBCI funds during Calendar Year 2012. Loans to Minority Business Enterprises accounted for two of the 41 loans. The Capital Access Program enrolled a total of 125 loans, disbursed \$288,016 in SSBCI funds and \$1,237,000 in state funds. The program generated \$9,600,526 in total private investment, of which \$689,508 was generated for minority-owned businesses.

The **Minority Business Direct Loan Program** provides fixed, low-interest loans to certified minority-owned businesses that are purchasing or improving fixed assets and creating or retaining jobs. The program approved loans to four minority businesses totaling \$766,000 and created or retained 37 jobs.

From loans to bonds, the **Minority Business Bonding Program** provides bid, performance and payment surety bonds to state-certified minority-owned businesses that are unable to obtain bonding through standard surety companies. The program approved 10 bond applications totaling \$3,725,000 from state-certified minority-owned businesses.



The **Minority Development Financing Advisory Board** reviews and makes recommendations on applications received for the Minority Business Direct Loan Program and the Minority Business Bonding Program. It is comprised of 10 board members that understand lending and the challenges facing minority businesses.

In the coming year, the Division will focus on strategies that achieve impactful economic development and improve the ability of minority businesses to grow, prosper and be sustained.

## Community Services Division

The Community Services Division provides local governments, development districts, private companies and nonprofit organizations with resources to enhance communities, support job creation and assist Ohio citizens in need.

In the last year, the Division worked with more than 700 Ohio communities to help save historic buildings, clean-up abandoned properties for job creation or improve government efficiency through shared services. The Division helped Ohio businesses save \$1.1 million on energy costs last year; savings that can be reinvested in the business to create jobs or develop new products.

More than 1.4 million Ohioans benefited from **Affordable Housing and Community Development** programs, which improve community infrastructure and expand the supply of safe, affordable housing. Through our **Homeless and Supportive Housing** programs, the Division served more than 80,000 Ohioans who are homeless or on the verge of homelessness. The Division manages more than \$500 million in federal grants. Despite the uncertainty of federal funding, the state made sure that programs were not impacted. The Division helped more than 400,000 Ohioans keep the lights and heat on with energy assistance, and worked with local community action agencies to help more than 70,000 Ohioans through the Community Services Block Grant Program.

The Division transitioned some assistance from grants to loans or from formula-based models to competitive-funding models to provide future sustainability. By providing quality of life resources to Ohio communities and families, Ohio is in a positive position for growth and success.

### Governor's Office of Appalachia

The Governor's Office of Appalachia coordinates economic and community development among government and private partners to improve the lives of those living in Ohio's 32-county Appalachian region.

Grants to local communities were used to upgrade water and sewer infrastructure, improve sidewalks, make renovations at a health clinic and support construction of a new emergency room facility in a county that lacked an emergency room. The Office also supported job creation throughout the region with investments in road and rail projects, and by purchasing equipment to train students for jobs in the developing oil and gas industry.

In April, with financial support from Governor's Office of Appalachia, the Health Recovery Services (HRS) Southern Ohio Treatment Center opened in Jackson, Ohio. The Center offers services to fight drug abuse in the area.

### Office of Community Assistance

The Office of Community Assistance, in partnership with local Community Action Agencies and nonprofits across the state, provides resources to help low-income Ohioans manage their energy use and costs and provides essential social services through the **Community Services Block Grant Program**, the **Home Energy Assistance Program**, **Home Weatherization Assistance Program**, the **Percentage of Income Payment Plan Plus** and the **Electric Partnership Program**.



The Office has launched the Program Integrity Unit, a dedicated team that works to identify fraud and recover state money in the **Home Energy Assistance Program**, **Home Weatherization Assistance Program** and the **Percentage of Income Payment Plan Plus**. These programs provide important support to citizens in need and we must make sure those truly needing help receive it.

The Office of Community Assistance changed the formula-based funding model for the **Home Weatherization Assistance Program** to a competitive, performance-based model. Initiating this new funding model reduces program administrative costs and maximizes both delivery of weatherization services and customer service. This model is also more adaptable to fluctuations in federal funding.

Working with the Public Utilities Commission of Ohio, the Office began reviewing the program rules for the **Percentage of Income Payment Plan Plus** and will finalize the changes in Fiscal Year 2014. The collaboration resulted in centralizing stakeholder comment and public feedback to eliminate duplication of effort and increase responsiveness. The Office and the Public Utilities Commission is also working with the Lt. Governor's Common Sense Initiative Office to ensure that the suggested changes reduce bureaucracy and are fair and consistent to providers and customers.

An annual report of the **Community Services Block Grant** program is in process and scheduled to be filed on time in September, 2013.

### **Office of Community Development**

In Fiscal Year 2013, the Office of Community Development improved accountability and program metrics. The Office worked with stakeholders to review the funding options for the **Community Development Block Grant** program. As a result, the Office has modified the Community Development Program and the competitive set-asides for Neighborhood Revitalization, Downtown Revitalization and Critical Infrastructure for the upcoming funding cycle. Funding allocations will be based on the impact the project will have on a community.

The Office also reviewed the Emergency Shelter component of the **Homeless Assistance Grant Program**. This component is now called the **Homeless Crisis Response Program** and encourages regional collaboration to provide emergency shelter and prevent homelessness. The **Supportive Housing** and **Housing Assistance Grant Programs** provide stable, long-term housing for people who are homeless or at-risk of homelessness and affordable housing opportunities and home improvement resources for low-income Ohioans.

The Office administers the **Ohio Housing Trust Fund**, which works with public/private partnerships to save, maintain and increase affordable housing. In Fiscal Year 2013, the Ohio Housing Trust served 18,274 households, 78 businesses and 924 Ohio seniors.

A full report on the programs and services administered by the Ohio Housing Trust Fund can be found in *Appendix 5*.

### **Office of Energy**

The Office of Energy provides Ohio businesses and communities with educational and financial assistance to control energy costs. In Fiscal Year 2013, the Office of Energy conducted training for manufacturers, public entities and residential consumers, and sponsored an exhibit at the Center of Science and Industry (COSI) in Columbus to educate the next generation on energy sources and use.

The **Energy Loan Fund** and the **Energy Efficiency Program for Manufacturers** provide financing for Ohio businesses and communities to improve energy efficiency and convert to renewable energy. In Fiscal Year 2013, the Office recommended six projects for funding through the Energy Loan Fund, a revolving low-interest loan program for energy efficiency and advanced energy projects, which is expected to reduce energy use by an average of 35 percent for a savings of \$1.1 million per year.



The **Energy Efficiency Program for Manufacturers** continues to help Ohio manufacturers improve their energy and operating efficiency, making them more competitive. To date, the Office has invested more than \$25 million in the Ohio manufacturing sector, saving more than \$13 million and 110,256 metric tons of greenhouse gas emissions a year – the equivalent of taking 21,619 cars off the road.

In Fiscal Year 2012, the **Ohio Coal Development Office** was transferred by the Ohio General Assembly from the Ohio Air Quality Development Authority to the Ohio Development Services Agency. The Coal Office will file its annual report by December 31, 2013.

### **Office of Redevelopment**

The Office of Redevelopment helps make distressed properties viable again to increase the quality of Ohio communities. In Fiscal Year 2013, \$67.5 million in incentives were provided.

The **Local Government Innovation Fund** distributed \$8,123,671 in grants and \$6,903,800 in loans in Fiscal Year 2013 to bring nearly 600 communities into shared services partnerships that saved them money. Projects ranged from feasibility studies to operational support and demonstration projects.

Through the **Ohio Historic Preservation Tax Credit**, more than 40 urban and rural communities across the state received assistance through \$26 million worth of tax credits to revitalize historic buildings. Eleven historic buildings were completed in Fiscal Year 2013. The Office also launched the **Ohio Historic Preservation Tax Credit Pipeline Pilot Initiative** to help communities and developers get historic buildings on the National Historic Register, a prerequisite to be eligible for the Ohio Historic Preservation Tax Credit.

The **Clean Ohio Brownfield Fund** awarded \$3,167,000 to clean-up brownfield properties. A total of 126 acres of land either underwent environmental assessment or cleanup efforts.

The **U.S. EPA Revolving Loan Fund** provided loans totaling \$469,094 for projects that will conduct asbestos remediation and petroleum remediation.

The **Ohio Water Development Authority Brownfield Loan Program** cleaned up 130 acres of brownfields. The total investment for the year was \$1,199,225.

The **Brownfield Action Plan Program** provided \$50,000 in grants from state and federal funding for the development and implementation of an action plan for a brownfield-impacted area.

The **Alternative Stormwater Infrastructure Loan Program** provides up to \$5 million to governmental entities for the design and construction of alternative stormwater infrastructure in developed areas. One project, Liberty Town Center, was approved for this program and the project is expected to create 4,600 jobs.

The **Ohio Vacant Facilities Fund** has pre-qualified \$135,000 in grants in Fiscal Year 2013 that will assist nine companies to use vacant buildings and business parks in Ohio. Employers are eligible for up to \$500 for each new full-time employee (40 hours per week) working at these facilities for at least one year.

The **Ohio New Markets Tax Credit** program provides investors with state tax credits in exchange for delivering below-market rate investment options to Ohio businesses in low-income communities. In Fiscal Year 2013, \$9 million worth of tax credits were awarded which leveraged nearly \$23 million in private investments in nine projects across eight different low-income areas.



## TourismOhio

Growing the positive image of Ohio and generating a desire among others to travel to our state to explore all the wonders here must be a collaborative effort among tourism organizations and travel-related businesses. TourismOhio is the state's public relations and marketing office, dedicated to strengthening this robust industry.

In 2012, more than 180 million visitors traveled to Ohio, an increase of 5 percent from 2011.

Approximately \$427 million in new visitor spending was generated, providing a return on the marketing investment of \$15 in state location taxes for every \$1 invested, according to research by Longwoods International.

TourismOhio created a co-operative marketing program that drew the participation of 80 Ohio tourism businesses. The program leveraged \$1.51 from the private industry for each public dollar invested to extend the reach and frequency of Ohio's advertising message.

New in Fiscal Year 2013 was TourismOhio's partnership with McDonald's, Coca-Cola and tourism organizations called "**Discover Ohio to Go**". Seven million specially printed cups available at more than 300 restaurants could be redeemed for discounts at Ohio tourism attractions. Initial feedback has been positive. The "Discover Ohio to Go" metrics will be available at the conclusion of the redemption period after Labor Day 2013.

TourismOhio has an established presence on **social media** which had significant increases in engagement from Fiscal Year 2012 to Fiscal Year 2013. The Office is also now utilizing Pinterest, Foursquare, YouTube, Google+, Vine and Flickr. The Office has generated \$12 million in earned media and won a Bronze Anvil from the Public Relations Society of America for top government media relations program in the country.

## The Ohio Revised Code requires reporting for the following programs which no longer exist.

- Development Financing Advisory Council
- Employee Ownership Assistance Program
- Rural Industrial Park Loan Program
- Steel Futures Program
- Urban and Rural Initiative Grant Program



## Boards & Commissions of Development Services Agency

**Clean Ohio Council** – The Clean Ohio Council approves Clean Ohio Revitalization Grants which provides targeted funding for cleanup of former commercial and industrial property (brownfields). These funds are early investments in recreating sites so that they are safe, market ready and prepared for new business expansion or attraction opportunities.

**Coal, Technical Advisory Committee** – The goal of the Coal Development Office is to enhance the use of Ohio coal in an environmentally acceptable, cost effective manner. The Technical Advisory Committee assists and advises the Ohio Coal Development Office to help achieve this goal. Specifically, the Committee makes recommendations concerning the direction of the office, helps to establish criteria used to select coal research and development projects, and reviews projects that are received by the office for funding.

**Home Weatherization Assistance Program Policy Advisory Council** – The Home Weatherization Assistance Program Policy Advisory Council is responsible for advising the appropriate official or agency administering the allocation of financial assistance in the State or area with respect to the development and implementation of a weatherization assistance program.

**Housing Trust Fund Advisory Committee** – The Ohio Housing Trust Fund is a flexible state funding source that provides affordable housing opportunities, expands housing services, and improves housing conditions for low-income Ohioans. The Fund supports a wide range of housing activities including housing development, emergency home repair, handicapped accessibility modifications, and services related to housing and homelessness.

**Industrial Technology & Enterprise Advisory Council** – Ohio's Thomas Edison Program is administered by the Industrial Technology and Enterprise Advisory Council. The Council is comprised of nine members who are responsible for the allocation of funds appropriated by the Ohio General Assembly to support programs and activities associated with Ohio's Thomas Edison Program.

**Local Government Innovation Council** – The Local Government Innovation Council establishes criteria for and makes loans and awards to political subdivisions for local government innovation projects and other actions, in consultation with the Development Services Agency, as necessary to implement the Local Government Innovation Program. The Council awards loans to a qualified political subdivision or a qualified group of political subdivisions to be used for the purchase of equipment, facilities, or systems or for implementation costs.

**Minority Business Advisory Council** – The Ohio Minority Business Advisory Council advises and assists the Directors of the Ohio Development Services Agency and Department of Administrative Services in matters affecting the economic vitality of Ohio's minority business community. The Minority Business Council is an advocate for Ohio's minority businesses and is committed to developing the increasing number of minority-owned firms in Ohio and ensuring that these companies see revenue growth and long-term success.

**Minority Development Financing Advisory Board** – The Minority Development Financing Advisory Board assists the Development Services Agency in creating employment opportunities and wealth in the minority business community. The Minority Development Financing Advisory Board does this by reviewing and making recommendations on loans and surety bond requests.

**Public Benefits Advisory Board** – The Public Benefits Advisory Board ensures energy services are provided to low-income consumers in Ohio in an affordable manner.

**Ohio Tax Credit Authority** – The Ohio Tax Credit Authority is charged with reviewing and approving applications for tax credit assistance.



**Technology Investment Tax Credit** – The Technology Investment Tax Credit Committee is responsible for the review and approval of applications from Ohio companies seeking to become certified as Technology Investment Tax Credit entities and applications. The Committee also reviews and approves applications from investors seeking to be certified as eligible to receive Technology Investment Tax Credits upon their investments in an eligible company.

**Ohio Third Frontier Advisory Board** – Ohio Third Frontier Advisory Board provides guidance to the Ohio Third Frontier Commission. The members of the Board represent leaders from industry, academia, and government, who advise on strategic planning, and general management and coordination of programs associated with the Ohio Third Frontier.

**Ohio Third Frontier Commission** – The Ohio Third Frontier Commission is responsible for the allocation of funds appropriated by the Ohio General Assembly to support programs and activities associated with the Ohio Third Frontier.

**Tourism Ohio Advisory Board** – The TourismOhio Advisory Board is responsible for advising the Director of the Development Services Agency and the Director of the Office of TourismOhio on strategies for promoting tourism in Ohio.

**Ohio Venture Capital Authority** – The Ohio Venture Capital Authority is responsible for the oversight of the Ohio Capital Fund and its related infrastructure.

**Workers' Compensation Board of Directors Nominating Committee** – The Workers' Compensation Board of Directors Nominating Committee makes recommendations to the Governor for the appointment of members of the Bureau of Workers' Compensation Board of Directors.



## Appendix 1 – Job Creation Tax Credits

**Servicing** means the contract is executed and within the term of the agreement or in the post-reporting period.

**Closed** means the contract ended as outlined in the agreement.

**Terminated** means a contract ended prior to the expiration of the agreement. Termination can be requested by either party but must ultimately be approved by the tax credit authority.



**Job Creation Tax Credits Executed Agreements (Calendar Year 2012)**

<b>Beneficiary</b>	<b>Local Jurisdiction</b>	<b>County</b>	<b>Status</b>	<b>Project Commitments</b>	
				<b>New Jobs</b>	<b>Retained Jobs</b>
Abbott Laboratories, Ross Products Division	City of Tipp City	Miami	Servicing	241	0
AcuSport Corporation	City of Bellefontaine	Logan	Servicing	80	228
AGC Flat Glass North America	City of Bellefontaine	Logan	Servicing	100	450
Airgas USA, LLC	City of Independence	Cuyahoga	Servicing	64	136
Alexander Mann Solutions Corporation	City of Cleveland	Cuyahoga	Servicing	300	0
Allied Machine & Engineering Corp	City of Dover	Tuscarawas	Servicing	30	375
Allied Mineral Products, Inc.	City of Columbus	Franklin	Servicing	44	220
AllTech Medical Systems America, Inc.	City of Solon	Cuyahoga	Servicing	77	33
Apex Industrial Technologies LLC	TBD	TBD	Servicing	100	50
Arminak & Associates, LLC	City of New Albany	Licking	Servicing	50	0
Artiflex Manufacturing, LLC	City of Wooster	Wayne	Servicing	50	503
AutoTool, Inc.	Jerome Township	Union	Servicing	30	0
Avon Bearings Corporation	City of Avon	Lorain	Servicing	29	58
Banner Metals Group, Inc.	City of Columbus	Franklin	Servicing	40	47
Bare Escentuals Beauty, Inc.	Village of Obetz	Franklin	Servicing	75	240
Bioformix, Inc.	Miami Township	Clermont	Servicing	43	8
Calphalon Corporation	Middleton Township	Wood	Servicing	33	262
CareSource Management Group Company	City of Dayton	Montgomery	Servicing	150	980
CGI Technologies and Solutions Inc	City of Athens	Athens	Servicing	150	0
Chromaflo Technologies	City of Ashtabula	Ashtabula	Servicing	50	132
Closed Loop Refining & Recovery	City of Columbus	Franklin	Servicing	55	0
Coldwater Machine Company LLC	Village of Coldwater	Mercer	Servicing	35	73
ContactUS, LLC	City of Columbus	Franklin	Servicing	200	0
Corbus, LLC	City of Cincinnati	Hamilton	Servicing	128	10
Corbus, LLC	City of Miamisburg	Montgomery	Servicing	58	40
Crown Equipment Corporation	City of Troy	Miami	Servicing	45	0
Delaware Art.com, Inc. (Art.com, Inc.)	Village of Obetz	Franklin	Servicing	75	173
Diamond Manufacturing of Bluffton, LTD	Village of Bluffton	Allen	Servicing	25	36
Discover Financial Services, Inc. et al.	City of New Albany	Franklin	Servicing	162	1,581
E.W.Scripps Company, The	City of Cincinnati	Hamilton	Servicing	142	180

Eagle Railcar Services - Cario, Ohio LLC	Monroe Township	Allen	Servicing	28	13
Exterran Energy Solutions, L.P.	City of Youngstown	Mahoning	Servicing	103	0
Fathom SEO, LLC	Village of Valley View	Cuyahoga	Servicing	36	85
FedEx Freight, Inc.	City of Northwood	Wood	Servicing	30	149
FIMM USA, Inc.	City of Columbus	Franklin	Servicing	25	0
Food Safety Net Services	City of Columbus	Franklin	Servicing	40	0
Fuserashi International Technology, Inc.	Liverpool Township	Medina	Servicing	17	39
G&G Manufacturing Company, The	City of Cincinnati	Hamilton	Servicing	100	44
General Pet Supply Ohio Valley, LLC	City of Vandalia	Montgomery	Servicing	45	0
Geo-Tech Polymers, LLC	Village of Waverly	Pike	Servicing	50	0
GrafTech International Holdings Incorporated	TBD	TBD	Servicing	39	0
H & H Screening and Graphics East, Inc.	City of Steubenville	Jefferson	Servicing	125	0
H.B. Fuller Company	City of Blue Ash	Hamilton	Servicing	18	18
Hadsell Chemical Processing LLC	Village of Waverly	Pike	Servicing	35	10
Hartzell Fan, Inc.	City of Piqua	Miami	Servicing	50	110
Hoover Universal, Inc.	City of Northwood	Wood	Servicing	86	275
Huhtamaki, Inc	City of Batavia	Clermont	Servicing	208	0
Hyland Software, Inc.	City of Westlake	Cuyahoga	Servicing	387	1,120
Ilegra Corporation	TBD	Lucas	Servicing	35	0
Industry Products Co.	City of Piqua	Miami	Servicing	50	371
Integra LifeSciences Corporation	City of Cincinnati	Hamilton	Servicing	60	120
Integrity Express Logistics LLC	TBD	Hamilton	Servicing	36	36
JJR Solutions, LLC	City of Beavercreek	Greene	Servicing	25	21
Kanan Enterprises, Inc. dba King Nut Company	City of Solon	Cuyahoga	Servicing	25	185
Korff Holdings LLC dba Quaker City	City of Salem	Columbiana	Servicing	30	90
L&W Cleveland, Inc.	City of Avon	Lorain	Servicing	60	60
Leyshon Miller Industries, LLC	TBD	TBD	Servicing	60	28
Mansfield Plumbing Products, LLC	Village of Perrysburg	Ashland	Servicing	150	455
Metal-Matic, Inc.	City of Middletown	Butler	Servicing	80	0
Meyer Tool, Inc.	City of Cincinnati	Hamilton	Servicing	50	586
Nestle R&D Center, Inc.	City of Solon	Cuyahoga	Servicing	23	84
Niagara Bottling, LLC	TBD	TBD	Servicing	73	0

Norlake Manufacturing Company	City of North Ridgeville	Lorain	Servicing	30	85
NRI Industrial Sales, LLC	Village of Delta	Fulton	Servicing	30	0
OmniSource Corporation	City of Toledo	Lucas	Servicing	22	148
Oxford Consulting Group, Inc.	TBD	TBD	Servicing	45	55
Patented Acquisition Corporation dba Think Patented	TBD	TBD	Servicing	23	93
Patrick Products, Inc.	Village of Leipsic	Putnam	Servicing	30	140
Paycor, Inc.	City of Norwood	Hamilton	Servicing	150	397
Philips Medical Systems (Cleveland), Inc.	City of Highland Heights	Cuyahoga	Servicing	100	799
Pilot Chemical Company of Ohio	Cities of Middletown and Sharonville	Butler/Hamilton	Servicing	38	122
Piston Automotive, LLC	City of Toledo	Lucas	Servicing	84	0
Polaris Sales, Inc.	City of Wilmington	Clinton	Servicing	100	0
Progressive Medical, Inc.	City of Westerville	Delaware	Servicing	125	435
Protection Devices, Inc.	City of Fairfield, Butler County	Butler	Servicing	20	0
Provia Door, Inc.	Walnut Creek Township, Village of Sugarcreek & Baltic	Holmes	Servicing	75	316
Quantum Health, Inc.	TBD	TBD	Servicing	525	230
Rampart Hosting, LLC	City of Columbus	Franklin	Servicing	26	13
Rhinestahl Corporation	City of Mason	Warren	Servicing	69	140
RMI Titanium Company	City of Canton	Stark	Servicing	17	63
Rough Brothers, Inc. et al.	City of Cincinnati	Hamilton	Servicing	20	90
RoundTower Technologies	City of Blue Ash	Hamilton	Servicing	47	36
Rovisys Company, The	City of Aurora	Portage	Servicing	80	150
Safeguard Properties, LLC	City of Mentor	Lake	Servicing	50	134
Safeguard Properties, LLC	City of Valley View/Village of Brooklyn Heights	Cuyahoga	Servicing	250	789
Schneller LLC	City of Kent	Portage	Servicing	50	155
Selas Heat Technology Company LLC	City of Streetsboro	Portage	Servicing	22	13
Sid Tool Co, Inc.	City of Columbus	Franklin	Servicing	250	0
Switchbox, Inc.	TBD	TBD	Servicing	25	15
Synapse Biomedical, Inc.	City of Oberlin	Lorain	Servicing	60	15
Technical Rubber Company, Inc.	Village of Johnstown	Licking	Servicing	29	223
Thogus Products Company	City of Avon Lake	Lorain	Servicing	30	96
Toledo Molding & Die, Inc.	City of Delphos	Van Wert	Servicing	45	188

Toledo Molding & Die, Inc.	City of Tiffin	Seneca	Servicing	64	390
Toledo Molding & Die, Inc.	City of Toledo	Lucas	Servicing	41	0
Total Quality Logistics, LLC	City of Centerville	Montgomery	Servicing	50	30
Total Quality Logistics, LLC	City of Columbus	Franklin	Servicing	40	0
Tridec Technologies, LLC	City of Huber Heights	Montgomery	Servicing	25	24
US Yachiyo, Inc.	City of Marion	Marion	Servicing	40	175
USA Vinyl LLC	City of Groveport	Franklin	Servicing	25	24
Valtronic Technologies (USA) Inc.	City of Solon	Cuyahoga	Servicing	50	89
White Castle Distributing, LLC	City of Vandalia	Montgomery	Servicing	100	0
Wingate Packaging, Inc.	City of Washington Courthouse	Fayette	Servicing	30	0
Totals				12,529	20,827

**Job Creation Tax Credits Status of Projects with agreements executed (Prior to Jan. 1, 2012)**

<b>Beneficiary</b>	<b>Local Jurisdiction</b>	<b>County</b>	<b>Date of Approval</b>	<b>Date of Most Recent Agreement Execution</b>	<b>Project Status</b>
1600 North Main, LLC et al.	Fostoria	Seneca	2/28/11	9/8/11	Servicing
20/20 Custom Molded Plastics, Ltd.	Holiday City	Williams	8/28/00	6/2/10	Servicing
2Checkout.com (Project Payment)	Columbus	Franklin	4/25/11	8/24/11	Servicing
3M Company	Medina	Medina	5/19/03	1/9/04	Closed
3S, Incorporated	Harrison Township	Hamilton	2/22/10	12/3/10	Servicing
A. Schulman, Inc.	City of Akron	Summit	7/28/08	9/3/09	Servicing
A.M. Castle & Co.	Fairfield	Butler	4/27/98	4/5/04	Closed
A.M. Leonard, Inc.	Piqua	Miami	4/30/07	7/7/08	Servicing
A.R.E., Inc.	Massillon	Stark	7/1/94	12/6/94	Closed
Abbott Laboratories, Ross Products Division	Columbus	Franklin	9/25/06	10/17/07	Servicing
ABC Manufacturing, Inc.	Malta	Morgan	12/3/07	7/18/08	Servicing
Abercrombie & Fitch Co. et al.	New Albany	Franklin	9/26/05	1/6/11	Servicing
Abercrombie and Fitch Management Co. et al.	New Albany	Franklin	3/29/99	2/9/01	Servicing
Abrasive Technology, Inc.	Lewis Center	Delaware	6/28/93	12/7/93	Servicing
ABX Air, Inc.	Wilmington	Clinton	8/14/95	1/22/96	Terminated without Clawback
ABX Air, Inc.	Wilmington	Clinton	8/28/00	11/10/03	Terminated without Clawback
Accel, Inc.	New Albany	Licking	8/30/10	2/16/11	Servicing
Accubuilt, Inc.	Lima	Allen	3/28/05	3/16/06	Terminated without Clawback
ACI Industries	Delaware	Delaware	7/13/98	9/5/03	Terminated with Clawback
Action Group, Inc.	Columbus	Franklin	6/26/06	8/10/07	Terminated without Clawback
Ada Technologies Inc.	Ada	Hardin	3/25/96	2/15/01	Closed
Ada Technologies Inc.	Ada	Hardin	6/26/06	4/9/08	Servicing
AddisonMcKee, Inc.	Lebanon	Warren	6/27/05	2/28/06	Terminated without Clawback
Adrian Sand & Stone, Inc.	Genoa	Ottawa	6/24/96	3/18/98	Terminated with Clawback
ADS Alliance Data Systems, Inc.	Columbus	Franklin	7/31/06	10/8/08	Servicing
ADS Machinery	Warren	Trumbull	8/15/94	10/31/95	Terminated without Clawback
AdTech Systems Research, Inc.	Beavercreek	Greene	8/27/01	11/8/01	Terminated with Clawback
Advanced Access, Inc.	Wilmington	Clinton	8/15/94	6/5/98	Terminated without Clawback
Advanced Automotive Systems, Inc.	Lorain	Lorain	7/13/98	11/15/00	Terminated without Clawback
Advanced Bus Industries, Inc.	Marysville	Union	12/7/98	9/27/00	Terminated with Clawback
Advanced Elastomer Systems, L.P.	Akron	Summit	1/23/95	9/15/95	Servicing
Advanced Electronic Tracking, LLC	City of Moraine	Montgomery	7/27/09	8/25/10	Servicing
Advanced Lighting Technologies, Inc. et al.	Solon	Cuyahoga	3/30/98	10/8/03	Terminated without Clawback
Advanced Stores Company, Inc.	Jeffersonville	Fayette	6/26/95	4/9/97	Terminated without Clawback
AdvancePierre Foods, Inc.	West Chester Township	Butler	3/29/10	2/16/11	Servicing
AdvancePierre Foods, Inc.	West Chester Township	Hamilton	6/30/03	2/11/04	Terminated without Clawback
Advics Manufacturing Ohio, Inc.	Lebanon	Warren	10/24/94	6/26/04	Servicing
Advics Manufacturing Ohio, Inc.	Lebanon	Warren	5/22/00	4/22/08	Servicing
Aero Classics LLC	Huron	Erie	6/26/00	2/20/02	Terminated without Clawback

Aeronca, Inc.	Middletown	Butler	6/26/00	9/17/02	Terminated without Clawback
Aetna Life Insurance Company et al.	New Albany	Franklin	3/30/09	6/17/10	Servicing
AFC Tool Co., Inc.	Fairborn	Greene	8/12/96	3/9/98	Terminated without Clawback
Affymetrix, Inc. et al.	Warrensville Heights	Cuyahoga	8/25/08	2/27/09	Servicing
AGCO Corporation	Coldwater	Mercer	4/24/95	5/13/96	Terminated without Clawback
Ahresty Wilmington Corporation	Wilmington	Clinton	1/22/01	10/4/06	Servicing
Ahresty Wilmington Corporation	Wilmington	Clinton	9/26/11	11/10/11	Servicing
AIDA - America Corporation	Dayton	Montgomery	9/25/95	12/9/99	Closed
AIDCO International	Cincinnati	Hamilton	7/30/07	8/27/08	Terminated without Clawback
Air Waves, Inc.	Lewis Center	Delaware	6/26/95	2/1/96	Servicing
Aircraft Landin Systems, Division of AlliedSignal,	Dayton	Montgomery	9/28/98	6/9/99	Terminated without Clawback
Airstream, Inc.	Jackson Center	Shelby	1/25/10	12/9/10	Servicing
AJM Packaging Corporation	Bellevue	Sandusky	10/23/95	10/30/97	Terminated without Clawback
Akzo Nobel Functional Chemicals LLC	Lima	Allen	12/7/98	11/25/02	Servicing
Akzo Nobel Paints LLC Db a ICI Paints	Huron	Erie	6/28/99	2/9/01	Servicing
Aladdin Manufacturing Corp.	Johnstown	Licking	12/6/99	3/19/01	Terminated without Clawback
Albex Aluminum, Inc	Canton	Stark	2/27/95	9/10/98	Terminated with Clawback
ALCOA Automotive Structures, Inc.	Northwood	Wood	8/14/95	7/8/96	Terminated with Clawback
Aleris Ohio Management, Inc.	Beachwood	Cuyahoga	12/6/04	5/23/11	Servicing
Aleris Rolled Products, Inc	Harrison Township	Pickaway	7/25/11	10/21/11	Servicing
Alex Products, Inc.	Ridgeville Corners	Henry	9/27/99	1/10/01	Servicing
Alex Products, Inc.	Paulding	Paulding	12/4/00	6/13/01	Servicing
Alfred Nickles Bakery	Lima	Allen	5/23/94	1/24/05	Servicing
Algaeventure Systems, Inc.	Marysville	Union	12/6/10	5/16/11	Servicing
Alien Technology Corporation	Miamisburg	Montgomery	3/28/05	5/29/09	Servicing
Alkermes, Inc.	Wilmington	Clinton	9/24/01	9/23/09	Servicing
All American Homes of Ohio, LLC	Perry Township	Muskingum	12/8/97	8/29/03	Terminated with Clawback
All American Sports Corp.	Elyria	Lorain	3/29/99	11/16/99	Terminated without Clawback
Allied Moulded Products, Inc.	Bryan	Williams	10/25/99	5/14/01	Servicing
Allied Signal, Inc.	Perrysburg Township	Wood	2/22/93	2/2/94	Servicing
Alphaport, Inc.	Cleveland	Cuyahoga	5/29/07	7/18/08	Servicing
Alpla Inc.	Lima	Allen	8/28/06	6/13/11	Servicing
Alternative Services, Inc.	Holland	Lucas	2/26/96	3/18/98	Terminated without Clawback
Aluminite of Ohio, Inc.	Perrysburg Township	Wood	12/8/97	8/11/99	Terminated without Clawback
Aluminum Company of America	Newburgh Heights	Cuyahoga	2/26/96	5/4/00	Servicing
Amanda Bent Bolt Company	Logan	Hocking	2/22/10	11/24/10	Servicing
Amano Cincinnati, Inc.	Loveland	Hamilton	4/25/05	2/27/09	Servicing
Amantea Nonwovens, LLC	Cincinnati	Hamilton	6/28/04	3/5/07	Servicing
Ambrosia Industries, Inc.	Johnstown	Licking	6/26/95	1/11/96	Terminated without Clawback
Amco Products, Inc.	Kettering	Montgomery	4/28/97	11/20/01	Terminated without Clawback

American Bottling Company, The et al.	Columbus	Franklin	2/22/99	3/8/06	Servicing
American Eagle Airlines, Inc.	Columbus	Franklin	9/27/99	2/18/04	Servicing
American Engineering & Manufacturing, Inc.	Lorain	Lorain	7/25/11	11/22/11	Servicing
American Fine Sinter Co., Ltd.	Tiffin	Seneca	8/27/01	6/27/06	Servicing
American Health Holding, Inc.	Columbus	Franklin	5/20/02	1/8/04	Terminated without Clawback
American Interiors	Toledo	Lucas	10/26/98	3/7/00	Terminated without Clawback
American Micro Products, Inc.	Batavia	Clermont	1/23/95	1/22/96	Servicing
American Micro Products, Inc.	Batavia	Clermont	7/25/05	5/17/07	Servicing
American Motorcycle Manufacturing, Inc.	Walnut Township	Licking	1/27/97	7/10/98	Terminated without Clawback
American Security Insurance Company	Springfield	Clark	12/5/05	4/3/09	Servicing
American Showa, Inc.	Sunbury	Delaware	3/29/04	7/27/06	Servicing
American Showa, Inc.	Blanchester	Clinton	1/26/98	5/16/00	Terminated without Clawback
American Steel & Wire Corp. 94	Cleveland	Cuyahoga	12/5/94	1/29/98	Terminated without Clawback
American Systems Consulting, Inc.	Dublin	Franklin	9/25/00	10/27/04	Closed
Americold Logistics, LLC	Perry Township	Stark	7/31/06	6/5/08	Terminated without Clawback
Ameridial, Inc.	Jackson Township	Stark	2/22/10	1/13/11	Servicing
Amerigraph LLC	Columbus	Franklin	12/4/00	11/26/03	Terminated without Clawback
AmeriSteel Bright Bar, Inc.	Orrville	Wayne	6/28/99	4/29/05	Servicing
Ameriwood Industries, Inc.	Tiffin	Seneca	7/26/99	12/15/04	Closed
Ameriwood Industries, Inc.	Tiffin	Seneca	1/24/94	4/24/94	Terminated without Clawback
Amko Plastics Inc. 94	Cincinnati	Hamilton	1/24/94	5/6/94	Terminated without Clawback
Amkotron Inc.	West Chester Township	Butler	1/30/06	6/6/06	Terminated without Clawback
Ampac Plastic LLC	Springdale	Hamilton	12/9/02	6/2/10	Servicing
Ample Industries, Inc.	Franklin	Warren	9/25/95	7/17/01	Closed
Anchor Acquisition, LLC	Lancaster	Fairfield	5/23/05	9/11/09	Servicing
Anchor Hocking Packaging Co.	Cincinnati	Hamilton	4/26/93	12/10/93	Terminated with Clawback
Anda Pharmaceuticals, Inc.	Columbus	Franklin	8/27/01	3/5/04	Closed
Android Industries - Springfield L.L.C.	Springfield	Clark	1/31/05	3/29/06	Terminated without Clawback
Android Industries-Lordstown, LLC	Vienna Township	Trumbull	5/21/01	9/18/01	Terminated with Clawback
Anomatic Corporation	New Albany	Franklin	6/27/11	9/9/11	Servicing
Appleton Papers Inc.	West Carrollton	Montgomery	3/26/07	6/5/08	Servicing
Applied Innovation Inc.	Dublin	Franklin	8/16/93	5/24/96	Closed
Applied Vision Corporation et al.	Akron	Summit	6/28/04	6/25/09	Terminated without Clawback
Aptima, Inc.	Fairborn	Greene	3/26/07	11/14/08	Servicing
ArcelorMittal Cleveland West Inc. et al.	Cleveland	Cuyahoga	4/29/02	11/10/11	Servicing
ArcelorMittal Tailored Blanks Americas	Pioneer	Williams	5/19/97	11/13/06	Servicing
ArcelorMittal Tubular Products Marion, Inc.	Marion	Marion	9/22/97	1/15/09	Servicing
ArcelorMittal Tubular Products Shelby, Inc.	Shelby	Richland	3/24/97	1/15/09	Servicing
Architectural Steel Products, Inc.	North Jackson	Mahoning	2/27/95	10/3/95	Terminated with Clawback
Ardus Medical, Inc.	Cincinnati	Hamilton	1/27/03	8/13/03	Servicing
Arisdyne Systems, Inc.	Cleveland	Cuyahoga	9/29/08	9/21/09	Servicing

Aristech Chemical Corporation	Haverhill	Scioto	8/16/93	4/5/94	Terminated without Clawback
Armor Consolidated, Inc. et al.	Mason	Warren	12/8/08	11/16/09	Servicing
Armstrong Air Conditioning, Inc.	Bellevue	Huron	9/25/95	4/18/03	Terminated with Clawback
Artco Group International, Inc.	Hannibal	Monroe	8/27/07	12/9/08	Servicing
ASC Industries, Inc.	North Canton	Summit	1/25/99	4/17/00	Servicing
Ashland, Inc.	Dublin	Franklin	8/14/95	9/6/01	Servicing
Ashland, Inc.	Dublin	Franklin	12/9/96	6/30/00	Terminated without Clawback
A-Stamp Industries, LLC	Bryan	Williams	9/24/01	1/8/02	Servicing
ASTAR Air Cargo, Inc.	Wilmington	Clinton	7/25/05	2/11/08	Terminated with Clawback
Astro Shapes, Inc.	Struthers	Mahoning	8/15/94	6/1/95	Closed
ATD Corporation	Vienna Township	Trumbull	3/27/95	9/19/95	Terminated without Clawback
Athens Pastries & Frozen Foods, Inc.	Brook Park	Cuyahoga	10/25/93	1/11/94	Terminated without Clawback
Athersys, Inc.	Cleveland	Cuyahoga	1/25/99	11/17/00	Closed
ATK Space Systems, Inc.	Beavercreek	Greene	12/3/07	1/14/10	Terminated without Clawback
Atlantic Tool & Die Co.	Sharon Center	Medina	4/28/97	3/19/98	Servicing
Atomic Dog Publishing, Inc.	Cincinnati	Hamilton	12/4/00	1/8/03	Terminated without Clawback
Atrium Assembly Corporation et al.	Johnstown	Licking	4/27/09	4/14/10	Servicing
ATS Ohio, Inc.	Lewis Center	Delaware	2/28/05	5/27/05	Terminated without Clawback
Attachmate Corporation	Loveland	Clermont	9/28/98	5/26/00	Terminated without Clawback
Audiopack Technologies, Inc. et al.	Garfield Heights	Cuyahoga	12/3/01	12/22/03	Terminated with Clawback
Automated Building Components, Inc.	Dayton	Montgomery	9/29/03	2/22/06	Terminated without Clawback
Automated Packaging Systems, Inc.	Streetsboro	Portage	12/6/10	9/8/11	Servicing
Automatic Feed Company	Napoleon	Henry	10/28/96	12/1/97	Terminated without Clawback
AutoZone, Inc. et al.	Zanesville	Muskingum	7/1/94	7/13/07	Servicing
Avery Dennison Corporation	Mentor	Lake	2/28/94	8/3/94	Closed
Avery Dennison Manufacturing Company	Strongsville	Cuyahoga	5/20/96	6/11/97	Servicing
Avon Products, Inc.	Washington Township	Muskingum	4/30/07	10/17/07	Servicing
B & C Research Inc.	Barberton	Summit	4/25/11	9/21/11	Servicing
BAE Systems Survivability Systems LLC	West Chester Township	Butler	4/30/07	12/2/09	Servicing
Baerlocher Production USA, LLC	Cincinnati	Hamilton	2/7/00	2/7/02	Servicing
Bailey-PVS Oxides, L.L.C.	York Township	Fulton	12/8/97	12/1/98	Closed
Baker Concrete Construction, Inc.	Monroe	Butler	6/26/00	9/18/01	Terminated without Clawback
Ball Aerosol and Specialty Container Inc.	Hubbard	Trumbull	1/23/95	2/27/09	Closed
Banta Corporation	Greenfield	Highland	7/31/00	1/25/10	Servicing
Barbasol, LLC et al.	City of Ashland	Ashland	5/26/09	10/28/11	Servicing
Barco, Inc.	Xenia	Greene	10/26/98	7/29/09	Closed
Bardwil Industries, Inc. et al.	Columbus	Franklin	7/28/08	9/23/10	Servicing
Bare Escentuals Beauty, Inc.	Village of Obetz	Franklin	2/26/07	8/1/08	Servicing
Barnes Aerospace Division of Barnes Group Inc.	West Chester	Butler	1/25/99	4/12/04	Servicing
Barnes Group, Inc. (dba Barnes Distribution)	Cleveland	Cuyahoga	4/28/03	8/27/09	Closed

Basco Manufacturing Company	Mason	Warren	9/27/04	6/27/05	Terminated without Clawback
BASF Corporation	Elyria	Lorain	10/25/10	2/11/11	Servicing
Batavia Transmission, LLC	Batavia Township	Clermont	10/25/99	3/23/06	Servicing
BDC Management Group, LLC	Richfield	Summit	12/3/07	7/30/08	Terminated without Clawback
BEC Laboratories	Toledo	Lucas	8/16/93	1/12/94	Terminated without Clawback
BEF Management, Inc.	New Albany	Franklin	6/27/11	9/19/11	Servicing
Belletech Corp.	Bellefontaine	Logan	9/25/95	6/19/96	Closed
Bellisio Foods, Inc.	Jackson	Jackson	6/30/03	11/12/10	Servicing
Ben Venue Laboratories, Inc.	Bedford	Cuyahoga	9/27/99	6/6/07	Servicing
Benchmark Precision Fab., Inc.	Spencerville	Allen	3/24/97	2/6/98	Terminated without Clawback
Benjamin Steel Co. Inc.	Springfield	Allen	4/22/96	6/2/99	Terminated without Clawback
Berman Printing Company	Cincinnati	Hamilton	9/27/93	8/3/94	Servicing
Best Buy Co., Inc.	Findlay	Hancock	3/27/95	8/15/97	Servicing
Biery Cheese Co.	Louisville	Stark	5/19/03	9/12/05	Servicing
Big Lots Stores, Inc.	Columbus	Franklin	2/22/93	4/5/04	Servicing
Big Lots Stores, Inc.	Columbus	Franklin	6/26/95	4/5/04	Servicing
BioCrystal, Ltd.	Westerville	Delaware	12/4/00	12/6/01	Terminated without Clawback
Bird Electronic Corporation et al.	Solon	Cuyahoga	9/3/04	5/31/09	Servicing
Black Clawson-Sano, Inc.	Amelia	Clermont	3/28/94	12/15/95	Terminated with Clawback
Blastmaster Holdings USA, LLC	Columbus	Franklin	9/27/10	12/9/11	Servicing
Blue Ridge Paper Products	Olmsted Falls	Cuyahoga	3/31/03	10/8/03	Terminated without Clawback
Bluemile, Inc.	New Albany	Franklin	10/25/10	5/26/11	Servicing
Bluespring Solutions, Inc.	Cincinnati	Hamilton	2/28/00	4/17/02	Terminated without Clawback
BMW Financial Services NA, LLC	Hilliard	Franklin	6/28/04	8/27/10	Servicing
Borders, Inc.	Grove City	Franklin	5/20/96	8/6/97	Closed
Bound Tree Medical, LLC	Dublin	Franklin	3/31/03	11/20/06	Closed
Braun Industries, Inc.	Van Wert	Van Wert	3/27/00	2/27/02	Terminated without Clawback
Brazing Concepts Company	Fairfield	Butler	2/24/03	7/29/03	Terminated with Clawback
Bridge Worldwide, LLC	Cincinnati	Hamilton	4/26/04	7/3/07	Servicing
Bridgestone APM Company	Upper Sandusky	Wyandot	9/22/97	11/7/00	Closed
Bridgestone APM Company	Upper Sandusky	Wood	3/25/96	12/28/01	Servicing
Broadvox	Cleveland	Cuyahoga	7/25/11	11/10/11	Servicing
Brown-Bridge Industries, Inc.	Troy	Miami	12/4/95	4/27/97	Terminated without Clawback
BRT Extrusions, Inc.	Niles	Trumbull	6/28/04	6/11/06	Servicing
Brush Wellman, Inc.	Elmore Township	Ottawa	12/9/96	11/24/97	Terminated without Clawback
Brush Wellman, Inc.	Elmore Township	Ottawa	4/24/06	11/14/08	Terminated without Clawback
BSI Engineering, Inc.	Blue Ash	Hamilton	8/30/10	2/25/11	Servicing
Buckeye Check Cashing, Inc.	Dublin	Union	7/26/04	4/29/05	Terminated without Clawback
Buckeye Iron Works Co.	Marion	Marion	1/27/97	3/13/98	Terminated without Clawback
Buckeye Machine Fabricators, Inc.	Forest	Hardin	1/25/99	1/10/00	Terminated without Clawback
Bucyrus Precision Tech, Inc.	Bucyrus	Crawford	12/4/95	1/10/97	Servicing
Bud Antle, Inc. et al.	Springfield	Clark	3/24/97	4/13/06	Servicing
Budenheim USA, Inc.	Columbus	Franklin	10/29/07	4/9/08	Servicing
Budzar Industries, Inc.	Willoughby	Lake	12/4/95	10/21/96	Terminated without Clawback

Builders First Source -- Ohio Valley, Inc.	Eagle Township	Adams	9/22/97	3/12/01	Terminated without Clawback
Bulldog Security, Inc.	Steubenville	Jefferson	7/30/01	2/28/02	Terminated without Clawback
Buriot International, Inc.	Batavia	Clermont	12/9/96	5/18/98	Terminated without Clawback
Burrows Paper Corporation	Franklin	Warren	10/28/02	7/12/10	Servicing
Burrows Paper Corporation	Franklin	Warren	3/27/95	2/12/96	Terminated without Clawback
Buschman Company, The	Union Township	Butler	3/30/98	3/23/00	Terminated without Clawback
Butler Animal Health Supply, LLC	Dublin	Franklin	9/25/06	11/4/10	Servicing
buyCastings.com, Inc.	Miamisburg	Montgomery	9/29/08	8/27/09	Servicing
BWI North America Inc.	Kettering	Montgomery	5/23/11	11/10/11	Servicing
Cabot Corporation	Pataskala	Licking	12/9/02	8/26/04	Terminated without Clawback
Caito Foods Service, Inc.	Newcomerstown	Tuscarawas	7/30/01	10/5/01	Servicing
Caliber Logistics, Inc.	Twinsburg	Summit	1/26/98	12/9/98	Terminated without Clawback
Calphalon Corporation	Perrysburg	Wood	4/28/97	11/10/99	Servicing
Candle-Lite - Div. of Lancaster Colony	Leesburg	Highland	9/27/93	12/9/98	Servicing
CANTEX Inc.	Aurora	Portage	9/28/98	2/23/99	Servicing
Cardinal Health, Inc. et al.	Dublin	Franklin	12/3/01	2/20/09	Servicing
Cardinal Health, Inc. et al.	Dublin	Franklin	2/23/04	2/20/09	Servicing
Cardinal Health, Inc. et al.	Findlay	Hancock	2/24/03	2/20/09	Terminated with Clawback
Cardinal Health, Inc. et al.	Dublin	Franklin	1/23/95	10/6/04	Terminated without Clawback
Cardington Yutaka Technologies Inc.	Cardington	Morrow	3/27/95	10/10/95	Servicing
Cardington Yutaka Technologies Inc.	Cardington	Morrow	2/22/99	4/3/02	Servicing
CareSource Management Group Co.	Dayton	Montgomery	9/27/04	6/16/10	Servicing
Cargill, Incorporated	North Olmsted	Cuyahoga	6/23/97	2/8/99	Closed
Carlisle Engineered Products, Inc.	Middlefield	Geauga	5/24/93	1/10/97	Terminated without Clawback
Carlisle Engineered Products, Inc.	Ashtabula Township	Ashtabula	9/22/97	3/11/99	Terminated without Clawback
Carroll Sales Agency, Inc.	Avon	Lorain	3/28/05	4/17/06	Closed
Carter Express, Inc.	Vandalia	Montgomery	10/26/09	5/16/11	Servicing
Cascade Ohio, Inc.	Conneaut	Ashtabula	1/27/03	8/11/10	Closed
Case Farms, LLC	Massillon	Stark	1/28/08	8/27/08	Servicing
CBS Boring & Machine Company, Inc.	Defiance	Defiance	12/3/01	2/20/07	Closed
CDI Corporation	Cleveland	Cuyahoga	12/4/06	4/3/09	Servicing
CEIA USA, Ltd	Twinsburg	Summit	6/30/03	3/11/05	Terminated without Clawback
Celina Aluminum Precision Technology Inc.	Celina	Mercer	8/15/94	3/8/04	Servicing
Cellucom Outlet, Inc.	Hilliard	Franklin	4/30/07	6/5/08	Terminated without Clawback
Cellular Technology Limited	Shaker Heights	Cuyahoga	7/31/06	6/25/08	Terminated without Clawback
Cengage Learning, Inc.	Deerfield Township	Warren	12/4/00	11/14/08	Servicing
Century Marketing Corporation	Bowling Green	Wood	10/30/00	9/5/03	Terminated without Clawback
CertainTeed Corporation	Milan	Erie	12/5/94	1/30/96	Servicing
Cessna Aircraft Company, McCauley Propeller System	Vandalia	Montgomery	12/4/00	11/5/01	Terminated without Clawback
Champion Door Manufacturing Company, LLC	Sharonville	Hamilton	5/22/06	6/5/08	Terminated without Clawback

Champion Plastics, Inc.	Dayton	Montgomery	5/20/96	8/6/97	Terminated with Clawback
Champion Window Manufacturing and Supply, LLC et al.	Sharonville	Hamilton	7/13/98	6/30/00	Servicing
Charles River Laboratories, Inc.	Spencerville	Allen	12/3/07	6/25/08	Servicing
Charter Manufacturing Company, Inc.	Perry Township	Wood	10/25/99	1/5/01	Servicing
Charter Manufacturing Company, Inc.	Cleveland	Cuyahoga	4/29/02	4/15/05	Servicing
Chase Brass and Copper Company, LLC	Montpelier	Williams	3/24/97	4/9/03	Servicing
Chase Manhattan Mortgage Corporation	Columbus	Franklin	5/20/96	7/21/99	Servicing
CheckFree Corporation	Dublin	Franklin	5/18/98	2/11/04	Servicing
Chelsea Laboratories, Inc.		Union	12/6/93	6/8/94	Terminated without Clawback
Chem-Fab, Inc.	Toledo	Lucas	8/14/95	10/7/96	Terminated with Clawback
Chestnut Group, Inc.	Columbus	Franklin	9/23/96	11/3/97	Terminated without Clawback
Chromium Corporation	Cleveland	Cuyahoga	10/25/99	3/5/03	Terminated without Clawback
Chrysler Group LLC	Lucas County	Lucas	8/29/11	11/1/11	Servicing
Cincinnati Financial Corporation et al.	Fairfield	Butler	3/28/05	3/24/08	Servicing
Cincinnati Milacron, Inc.	Batavia	Clermont	3/27/95	9/22/95	Terminated without Clawback
Cincinnati Sub-Zero Products, Inc.	Sharonville	Hamilton	4/24/06	12/2/11	Servicing
Cintas Corporation No. 2	Milford	Clermont	12/9/96	7/18/06	Servicing
Cintas Corporation No. 2	Perrysburg Township	Wood	7/31/00	7/18/06	Servicing
Cintas Corporation No. 2	Miami Township	Clermont	1/25/10	4/22/11	Servicing
Cintas Corporation No. 2	Dayton	Montgomery	9/28/09	3/9/10	Terminated without Clawback
Cintas Corporation No. 2 et al.	Mason	Warren	3/27/95	9/8/99	Closed
Cintech Solutions, Inc.	Cincinnati	Hamilton	3/26/01	12/28/01	Terminated without Clawback
Cisco Systems, Inc.	Richfield	Summit	7/29/02	9/4/03	Terminated without Clawback
Citi Fund Services Ohio, Inc.	Columbus	Franklin	8/15/94	1/7/11	Closed
Citi Fund Services Ohio, Inc.	Columbus	Franklin	6/26/00	6/23/10	Servicing
Citi Fund Services Ohio, Inc. et al.	Columbus	Franklin	12/6/10	12/9/11	Servicing
CK Technologies, LLC	Montpelier	Williams	5/22/06	5/23/08	Servicing
CKS Solutions, Inc.	Batavia Township	Clermont	3/31/08	12/9/08	Servicing
Clark Western Building Systems, Inc.	Middletown	Butler	9/25/95	3/18/98	Closed
Clark-Reliance Corporation	Strongsville	Cuyahoga	9/26/05	4/19/06	Servicing
Cleveland HeartLab, Inc.	Cleveland	Cuyahoga	7/25/11	12/9/11	Servicing
Cleveland Medical Devices Inc. et al.	Cleveland	Cuyahoga	6/24/02	11/25/05	Servicing
Cleveland Range, LLC	Cleveland	Cuyahoga	4/26/10	2/25/11	Servicing
Cleveland Research Company, LLC	Cleveland	Cuyahoga	5/23/11	7/28/11	Servicing
ClientLogic	Grove City	Franklin	12/4/00	2/5/02	Terminated without Clawback
Cloud & Callahan LLC	Loveland	Hamilton	2/22/99	1/5/00	Closed
Cloverleaf Cold Storage Co.	Napoleon	Henry	5/18/98	3/29/00	Closed
Clovervale Farms, LLC	Amherst	Lorain	7/26/10	2/16/11	Servicing
CMC Group, Inc.	Bowling Green	Wood	10/30/00	9/5/03	Terminated without Clawback
CNC Metal Products, Inc.	Wooster	Wayne	6/26/00	3/29/01	Terminated without Clawback

CNG Financial Corporation	Mason	Warren	9/22/97	11/30/99	Servicing
Coca-Cola Enterprises Inc.	Twinsburg	Summit	7/26/99	1/18/07	Servicing
Code Blue LLC	Springfield	Clark	12/7/09	12/15/10	Servicing
Cohesant Inc. et al.	Beachwood	Cuyahoga	10/30/06	1/28/09	Servicing
Cold Metal Products, Inc.	Ottawa	Putnam	9/25/95	3/5/96	Terminated without Clawback
Coldwater Machine Company, LLC	Coldwater	Mercer	7/13/98	10/16/03	Closed
Cole + Russell Architects, Inc.	Cincinnati	Hamilton	10/26/98	3/20/00	Terminated without Clawback
Cole Vision Corporation	Columbus	Summit	7/13/98	7/3/01	Terminated without Clawback
COLFOR Manufacturing, Inc.	Minerva	Carroll	4/28/03	9/30/05	Servicing
Coltene/ Whaledent Inc.	Cuyahoga Falls	Summit	5/20/02	11/26/02	Servicing
Columbus Industries, Inc.	Ashville	Adams	11/1/04	3/29/05	Servicing
Columbus Steel Castings Company et al.	Columbus	Franklin	3/31/03	7/5/11	Servicing
Combi Packaging Systems LLC	Canton	Stark	9/27/04	2/16/05	Terminated without Clawback
Comfort Line Ltd.	Toledo	Lucas	2/27/95	10/28/03	Closed
Commercial Intertech Corp.	Hicksville	Defiance	1/22/96	10/6/04	Terminated without Clawback
Commercial Turf Products, Ltd.	Streetsboro	Portage	1/27/97	4/15/02	Servicing
Commercial Warehouse & Cartage, Inc. et al.	Groveport	Franklin	1/28/02	6/6/02	Servicing
CommunityISP, Inc. (d.b.a. CISP)	Toledo	Lucas	4/24/00	10/24/01	Terminated without Clawback
ComparisonMarket, Inc.	Solon	Cuyahoga	8/28/00	12/8/04	Closed
Compco Columbiana Company	Columbiana	Columbiana	9/26/11	11/22/11	Servicing
Component Software International	Mason	Warren	3/30/98	10/22/98	Terminated without Clawback
Composite Technologies Co., LLC	Dayton	Montgomery	2/28/94	3/19/98	Closed
Computer Associates International, Inc.	Mason	Warren	2/7/00	5/14/01	Closed
Computer Sciences Corporation	Beavercreek	Greene	2/26/07	8/30/07	Servicing
ConAgra Foods Packaged Foods Company, LLC	Archbold	Fulton	10/29/01	7/8/09	Servicing
ConAgra Foods Packaged Foods, LLC	Marion	Marion	9/27/99	7/8/09	Servicing
ConAgra Foods Packaged Foods, LLC	Troy	Miami	3/29/10	5/16/11	Servicing
Consolidated Metal Products, Inc.	Cincinnati	Hamilton	8/11/97	11/4/03	Terminated without Clawback
Consultants In Medical Information Technology, LLC	Toledo	Lucas	1/26/04	7/7/06	Terminated without Clawback
Continental Airlines Inc. et al.	Cleveland	Cuyahoga	9/22/97	4/4/02	Terminated without Clawback
Continental Carbonic Products, Inc.	Greenville	Darke	10/25/10	3/8/11	Servicing
Continental Hose Division	Marion	Marion	2/24/97	4/9/98	Terminated without Clawback
Convergys Corporation et al.	Cincinnati	Hamilton	6/30/03	9/29/03	Servicing
Convergys Customer Management Group, Inc.	Toledo	Lucas	3/27/00	8/29/01	Terminated without Clawback
Cooper-Standard Automotive OH, LLC	Bowling Green	Wood	3/22/93	11/4/03	Servicing
Copernus, Inc.	Cincinnati	Hamilton	2/7/00	5/14/01	Terminated with Clawback
Core Molding Technologies, Inc.	Columbus	Franklin	1/30/06	7/18/06	Terminated without Clawback
Core Systems, LLC	Painesville	Lake	8/28/00	7/3/02	Terminated without Clawback

Cornerstone Consolidated Services Group, Inc.	Fairfield	Butler	8/29/05	1/18/07	Servicing
Cornerstone Consolidated Services Group, Inc. et al.	West Chester Township	Butler	5/18/98	11/20/07	Servicing
Corporate Express Office Products, Inc.	Fairfield	Butler	6/26/00	1/8/03	Servicing
Co-Steel, USA Distribution, Inc.	Jackson Township	Mahoning	12/4/00	6/7/02	Terminated without Clawback
CoverMyMeds LLC	Columbus	Franklin	9/27/10	2/25/11	Servicing
CP Redi, LLC	Columbus	Franklin	10/30/06	1/3/08	Servicing
Crane Plastics Manufacturing, Ltd. et al.	Columbus	Franklin	5/19/97	3/5/02	Terminated without Clawback
Cranel, Incorporated	Columbus	Delaware	12/4/00	2/25/02	Terminated without Clawback
Crawford Machine, Inc. et al.	Galion	Crawford	10/31/05	9/23/09	Terminated without Clawback
Creative Extruded Products, Inc.	Tipp City	Miami	5/24/10	2/4/11	Servicing
Creative Technologies & Manufacturing, Inc.	Miamisburg	Montgomery	6/24/96	5/29/98	Terminated without Clawback
Crown Cork & Seal Company (USA), Inc.	Lancaster	Fairfield	9/26/94	3/24/03	Closed
Crown Equipment Corporation	New Bremen/Celina	Auglaize	9/26/94	1/2/03	Servicing
Crown Solutions Co., LLC	Vandalia	Montgomery	1/28/08	1/15/09	Servicing
Crystal Creative Products, Inc.	Monroe	Butler	1/27/97	12/19/97	Terminated without Clawback
CSAFE LLC	Moraine	Montgomery	1/26/09	1/21/11	Servicing
CTG HealthCare Solutions, Inc.	Cincinnati	Hamilton	5/19/97	10/3/01	Terminated without Clawback
CTI - Clinical Trial Services, Inc.	Cincinnati	Hamilton	9/27/04	5/29/09	Servicing
Curwood, Inc.	Fremont	Sandusky	2/23/09	10/2/09	Servicing
Custom Culinary, Inc.	Avon	Lorain	2/23/04	7/7/06	Terminated without Clawback
Custom Deco, Inc.	Toledo	Lucas	12/9/96	11/12/97	Terminated without Clawback
Cycolor, Inc.	Miamisburg	Montgomery	4/22/96	8/12/98	Terminated without Clawback
Daido Metal Bellefontaine LLC - Duplicate	Union Township	Logan	12/7/98	6/25/99	Terminated without Clawback
Daifuku America Corp.	Columbus	Franklin	8/11/97	7/6/98	Terminated without Clawback
Dana Commercial Credit	Toledo	Lucas	1/23/95	3/11/97	Terminated without Clawback
Dana Corporation	Fredericktown	Knox	7/26/99	2/13/06	Closed
Danco Metal Products	Avon	Lorain	5/22/06	6/5/08	Terminated without Clawback
Data Exchange Corporation	Lockbourne	Franklin	10/27/03	12/14/10	Servicing
Dayton Forging and Heat Treating Company	Dayton	Montgomery	10/30/06	6/5/08	Terminated without Clawback
Dayton Paper Corporation	Dayton	Montgomery	10/25/93	3/28/94	Terminated without Clawback
Dayton Polymeric Products, Inc.	Dayton	Montgomery	9/22/97	5/14/99	Terminated without Clawback
Dayton Precision Punch, Inc.	Dayton	Montgomery	8/12/96	2/23/98	Terminated without Clawback
Dayton Progress Corporation	City of West Carrollton	Montgomery	4/25/11	10/6/11	Servicing
Dayton Superior Corporation dba Dayton/Richmond	Miamisburg	Montgomery	4/24/00	3/27/01	Terminated without Clawback
Dayton Systems Group, Inc.	Springboro	Montgomery	6/24/96	3/19/99	Terminated without Clawback
Dayton Technologies, Inc.	Monroe	Butler	4/26/99	4/9/03	Terminated without Clawback

Dayton-Phoenix Group, Inc.	Dayton	Montgomery	12/3/01	6/21/02	Servicing
Deceuninck North America, LLC	Monroe	Butler	10/27/03	1/28/09	Terminated without Clawback
DeCrane Aerospace, Inc.	Columbus	Delaware	2/28/05	7/18/06	Terminated with Clawback
Deerfield Manufacturing, Inc.	Mason	Warren	1/27/03	2/11/04	Servicing
Defender Security Company dba Defender Direct	Blue Ash	Hamilton	1/28/08	12/22/09	Terminated without Clawback
Defiance Metal Products Co.	Defiance	Defiance	10/25/93	8/29/00	Closed
Defiance Metal Products Co.	Defiance	Defiance	5/23/11	7/29/11	Servicing
Defiance Precision Products, Inc.	Upper Sandusky	Wyandot	12/5/94	10/9/02	Terminated with Clawback
Deflecto LLC	Dover	Tuscarawas	5/19/08	1/7/11	Servicing
Delafoil Ohio, Inc.	Perrysburg	Wood	1/22/96	4/12/04	Terminated with Clawback
Delaware Art.com, Inc. (Art.com, Inc.) et al.	Obetz	Franklin	5/24/04	10/9/08	Servicing
Dell Products, LP	West Chester Township	Butler	7/26/04	8/29/06	Terminated without Clawback
Deluxe Manufacturing Operations, Inc.	Streetsboro	Portage	12/5/94	7/23/03	Servicing
Deluxe Manufacturing Operations, Inc.	Streetsboro	Portage	9/29/03	7/29/11	Servicing
Depot Direct, Inc.	Perrysburg Township	Wood	10/27/97	7/9/01	Terminated without Clawback
Deskey Associates, Inc.	Cincinnati	Hamilton	10/26/98	9/29/99	Terminated without Clawback
Detroit Diesel Remanufacturing - East, Inc.	Jackson Township	Guernsey	9/27/04	11/2/05	Closed
Devicor Medical Products, Inc.	Sharonville	Hamilton	5/24/10	9/15/11	Servicing
Diamond Innovations, Inc.	Worthington	Franklin	1/31/11	6/3/11	Servicing
Diamondbeck II, Inc.	St. Henry	Mercer	12/8/08	1/5/11	Servicing
Dickman Supply, Inc.	Sidney	Shelby	8/29/11	9/15/11	Servicing
Digineer, Inc.	Mason	Warren	4/24/00	5/4/01	Terminated with Clawback
Digitron, Inc.	Miami Township	Montgomery	10/27/97	2/8/99	Terminated without Clawback
Digitron, Inc.	Miami Township	Montgomery	10/27/97	2/8/99	Terminated without Clawback
DimcoGray Corporation	Centerville	Montgomery	6/28/10	2/2/11	Servicing
Dinesol Doorlite, Ltd.	Austintown	Mahoning	6/26/00	8/16/01	Terminated without Clawback
Discover Financial Services, Inc.	New Albany	Franklin	1/27/97	9/7/01	Servicing
DISH Network, L.L.C. et al	Hilliard	Franklin	4/30/07	12/9/08	Servicing
Distribution Fulfillment Services, Inc.	Groveport	Franklin	10/25/93	3/5/94	Servicing
Distribution Fulfillment Services, Inc.	Columbus	Franklin	7/1/94	12/8/94	Servicing
DiverseyLever	Sharonville	Hamilton	1/26/98	1/18/00	Terminated without Clawback
Dixie Crystals Brands, Inc.	Perrysburg	Wood	12/7/98	11/30/99	Terminated without Clawback
DMAX, Ltd.	Moraine	Montgomery	5/24/99	9/30/11	Servicing
Dolgencorp, LLC	Zanesville	Muskingum	2/7/00	9/9/11	Servicing
Dometic Corporation, The	Bryan	Williams	12/5/94	12/3/96	Terminated with Clawback
Donatos Pizzeria, LLC	Columbus	Franklin	8/29/05	4/23/08	Servicing
DotLoop, LLC	Cincinnati	Hamilton	8/29/11	10/6/11	Servicing
Doubleday Acquisitions, LLC	Moraine	Montgomery	6/26/06	1/13/11	Servicing
Dowa THT America, Inc.	Bowling Green	Wood	9/22/97	3/3/99	Closed

DowBrands, L.P.	Urbana	Champaign	2/22/93	3/14/94	Terminated without Clawback
DR Technologies, Inc.	Dayton	Montgomery	7/31/06	5/2/08	Terminated without Clawback
DSW INC. et al.	Columbus	Franklin	7/31/06	7/30/08	Servicing
DT Industries, Inc.	Dayton	Montgomery	3/26/01	2/11/04	Terminated without Clawback
dunnhumby USA LLC	Cincinnati	Hamilton	4/28/03	6/16/11	Servicing
DUPLICATE OF CMC group	Bowling Green	Wood	10/30/00	9/5/03	Terminated without Clawback
DuPont Vespel Parts & Shapes, Inc.	Cleveland	Cuyahoga	9/23/96	2/11/04	Closed
Dynalab, Inc.	Reynoldsburg	Franklin	2/27/95	2/1/95	Closed
Dynalab, Inc.	Reynoldsburg	Franklin	3/28/05	3/9/10	Servicing
E Retailing Associates, LLC	Columbus	Franklin	6/25/07	7/30/08	Servicing
Eagle Engineering & Manufacturing, Inc.	Cleveland	Cuyahoga	10/28/96	11/25/97	Terminated without Clawback
Eagle Industries, Inc.	Harrison	Hamilton	2/27/95	1/11/96	Terminated with Clawback
Eagle Specialty Vehicles, LLC	Pierce Township	Clermont	6/28/10	1/21/11	Servicing
East Coast Metal Systems, Inc. et al.	Bellaire	Belmont	10/30/06	7/29/09	Terminated with Clawback
Eastman Kodak Company	Dayton	Montgomery	6/24/96	10/12/07	Servicing
Easy Way Leisure Corporation	Cincinnati	Hamilton	5/23/05	4/11/07	Closed
Eaton Aeroquip Corporation	Van Wert	Van Wert	10/24/94	6/21/02	Servicing
Eaton Corporation	Brook Park	Cuyahoga	8/11/97	5/19/04	Servicing
Eaton Corporation	Beachwood	Cuyahoga	10/27/08	3/6/09	Servicing
E-B Wire Works Company, Inc.	Massillon	Stark	12/6/93	7/16/98	Closed
E-BEAM Services, Inc.	Lebanon	Warren	9/22/97	7/2/04	Closed
E-BEAM Services, Inc.	Lebanon	Warren	5/24/10	1/5/11	Servicing
Echogen Power Systems, LLC	Akron	Summit	6/29/09	4/21/10	Servicing
Ecolab, Inc.	Hebron	Licking	2/27/95	4/16/97	Terminated with Settlement
Ecommerce, Inc.	Columbus	Franklin	9/24/07	7/7/08	Servicing
e-Cycle LLC	Hilliard	Franklin	7/27/09	2/14/11	Servicing
Eddie Bauer LLC	Groveport	Franklin	1/25/10	1/13/11	Servicing
Edgerton Forge, Inc.	Edgerton	Williams	10/28/96	9/30/97	Servicing
Education Sales Management, LLC	Lewis Center	Delaware	5/22/06	2/27/09	Terminated without Clawback
EG Systems, Inc. (dba The Scotts Lawn Service)	Marysville	Union	1/27/03	1/9/04	Terminated without Clawback
Egelhof Controls Corp.	Toledo	Lucas	9/27/04	3/11/10	Servicing
EI Ceramics LLC	Cincinnati	Hamilton	12/9/02	2/5/03	Terminated without Clawback
Eighth Floor Promotions, LLC	Celina	Mercer	3/29/04	5/6/05	Terminated without Clawback
EKCO Housewares, Inc.	Hamilton/Monroe	Butler	6/23/97	3/18/98	Terminated without Clawback
Electro Prime, Inc.	Toledo	Lucas	9/27/93	3/3/94	Terminated without Clawback
Ellis & Watts, Inc.	Batavia	Clermont	4/30/01	8/15/01	Terminated without Clawback
EM3, LLC	Springfield	Clark	9/25/06	4/21/08	Terminated without Clawback
EMCO USA, LLC	Zanesville	Muskingum	2/27/06	5/9/08	Servicing
Emerson Climate Technologies, Inc.	Sidney	Shelby	1/30/06	6/12/08	Closed
Emery Air Freight Corporation	Dayton	Montgomery	8/11/97	12/22/03	Terminated without Clawback
Emery Worldwide Airlines	Dayton	Montgomery	8/11/97	2/8/00	Terminated without Clawback
EMH, Inc.	Liverpool Township	Medina	4/25/11	8/9/11	Servicing

Empower MediaMarketing, Inc.	Cincinnati	Hamilton	3/30/98	2/9/01	Terminated without Clawback
ENABLE Medical Corporation	West Chester Township	Butler	12/6/99	2/26/02	Terminated without Clawback
Encore Industries, Inc.	Union Township	Guernsey	9/28/98	7/14/06	Servicing
Enerfab, Inc.	Cincinnati	Hamilton	12/9/02	9/4/03	Servicing
Engauge Marketing, LLC	Columbus	Franklin	10/27/08	8/11/10	Servicing
Engineered Plastic Products, Inc.	Lima	Allen	9/29/03	6/16/05	Terminated without Clawback
Engineered Wire Products, Inc.	Upper Sandusky	Wyandot	1/23/95	7/1/95	Servicing
Engineering Mechanics Corporation of Columbus	Upper Arlington	Franklin	1/25/10	1/13/11	Servicing
Engines Inc. of Ohio	South Point	Lawrence	9/3/04	4/22/08	Servicing
Englewood Precision, Inc.	Englewood	Montgomery	6/23/97	9/21/98	Terminated without Clawback
Entex Information Services	Dayton	Warren	4/24/95	11/30/95	Servicing
Entire-Enviro, Inc./Buckeye Tire Recycling	Youngstown	Mahoning	3/30/98	6/24/99	Terminated without Clawback
Environmental Quality Management, Inc.	Forest Park	Hamilton	2/26/01	8/4/05	Closed
EPIC Technologies LLC	Norwalk	Huron	8/14/95	7/14/06	Servicing
ERICO International Corporation	Solon	Cuyahoga	12/5/05	8/30/07	Servicing
Essilor of America, Inc.	Groveport	Franklin	7/13/98	3/18/04	Terminated without Clawback
Etura Premier, LLC	Seaman	Adams	6/28/99	7/18/00	Terminated without Clawback
Eurand, Incorporated	Vandalia	Montgomery	6/26/00	5/17/04	Closed
Exal Corporation	Youngstown	Mahoning	1/27/03	9/7/05	Servicing
Exel Inc.	Columbus	Franklin	5/29/07	7/9/08	Servicing
Exel Inc.	Groveport	Franklin	5/22/06	11/28/08	Servicing
Exel Inc.	Westerville	Delaware	5/20/02	7/22/09	Servicing
Exel Inc.	Etna Township	Licking	3/29/10	12/14/10	Servicing
Exel Inc. et al.	Dayton	Montgomery	10/30/00	1/9/04	Servicing
Express, LLC	City of Columbus	Franklin	4/28/08	10/23/09	Servicing
Extrudex Aluminum	North Jackson	Mahoning	3/30/98	9/8/04	Servicing
F & M Mafoo, Inc.	City of Harrison	Hamilton	3/31/08	10/8/08	Servicing
F&P America Mfg., Inc.	Troy	Miami	6/26/95	2/9/96	Servicing
F.H. Bonn Company (OHIO)	Springfield	Clark	8/16/93	12/8/93	Servicing
Famous Distribution, Inc.	Sebring	Mahoning	9/27/04	5/25/05	Servicing
Famous Industries, Inc.	Mount Vernon	Knox	10/27/97	3/11/05	Servicing
Farber Specialty Vehicles, Inc.	Reynoldsburg	Fairfield	6/24/02	7/30/04	Servicing
Fast Switch, LTD	Dublin	Franklin	12/6/10	12/5/11	Servicing
Faurecia Exhaust Systems, Inc.	Franklin	Warren	8/15/94	7/27/01	Servicing
Faurecia Exhaust Systems, Inc.	Toledo	Lucas	3/22/93	3/26/01	Terminated without Clawback
Faurecia Exhaust Systems, Inc.	Toledo	Lucas	6/23/97	7/27/01	Terminated without Clawback
Faurecia Exhaust Systems, Inc.	Troy	Miami	9/24/01	10/4/06	Terminated without Clawback
Faurecia Interior Systems, Inc.	Northwood	Wood	9/26/05	8/17/06	Servicing
FDS Coke Plant, LLC	Toledo	Lucas	6/26/06	1/28/09	Servicing
Fecon, Inc.	Lebanon	Warren	12/4/06	3/24/08	Terminated without Clawback
Fenner Dunlop (Port Clinton), Inc.	Port Clinton	Ottawa	10/30/06	11/14/08	Servicing
Ferco Tech Corporation	Franklin	Warren	9/27/10	5/23/11	Servicing
Ferriot, Inc.	Akron	Summit	12/7/98	3/13/03	Terminated without Clawback
Fetter Finishing, LLC	Waynesville	Auglaize	12/6/99	10/25/02	Servicing
Fields Process Technology, Inc.	Cleveland	Cuyahoga	12/3/01	4/9/02	Terminated without Clawback
Fifth Third Bank	Cincinnati	Hamilton	9/30/02	12/17/10	Servicing

Fifth Third Bank et al.	Cincinnati	Hamilton	8/14/95	1/27/04	Servicing
Findlay Industries, Inc.	West Carrollton	Montgomery	3/27/00	2/20/02	Terminated without Clawback
Findlay Products Corporation	Findlay	Hancock	2/27/95	11/16/99	Servicing
Fire-Dex, Inc.	Medina	Medina	4/28/97	3/25/03	Closed
First Solar, Inc.	Perrysburg Township	Wood	2/28/05	5/29/09	Servicing
First Solar, LLC	Perrysburg Township	Wood	5/24/99	8/15/01	Servicing
First Solar, LLC	Perrysburg Township	Lucas	9/27/93	7/28/96	Terminated without Clawback
FirstEnergy Corp.	Akron	Summit	6/25/07	2/27/09	Servicing
FirstGroup America, Inc. et al.	Cincinnati	Hamilton	2/26/01	6/4/04	Servicing
FirstGroup America, Inc. et al.	Cincinnati	Hamilton	10/29/07	4/20/11	Servicing
Fisher & Paykel Laundry Manufacturing, Inc.	Clyde	Sandusky	9/26/05	4/13/06	Servicing
Fisher Design, Inc.	Cincinnati	Hamilton	12/9/02	1/5/05	Terminated without Clawback
Fleetwood Travel Trailers of Ohio, Inc.	Edgerton	Williams	1/30/06	1/15/09	Servicing
Fleming Companies, Inc.	Massillon	Stark	5/24/99	1/4/00	Terminated with Clawback
Flexmag Industries, Inc.	Marietta	Washington	1/27/97	12/1/97	Closed
FlexTech Packaging, Ltd.	Union Township	Butler	10/27/97	10/27/98	Closed
Flight Options, LLC	Cleveland	Cuyahoga	12/6/99	10/1/03	Servicing
Flow Dry Technology, Inc.	Brookville	Montgomery	10/25/10	2/25/11	Servicing
Flutes, Inc.	Akron	Summit	5/20/02	9/7/06	Terminated with Clawback
FlyMuch, Inc.	Dublin	Franklin	9/27/10	2/25/11	Servicing
Ford Motor Company	Sandusky	Erie	3/28/94	4/3/95	Closed
Ford Motor Company	Avon Lake	Lorain	9/30/02	7/3/03	Servicing
Ford Motor Company	Cincinnati	Butler	12/4/95	1/2/07	Servicing
Ford Motor Company	Sharonville	Butler	10/28/96	1/2/07	Terminated without Clawback
Formica Corporation	Evendale	Hamilton	9/25/06	4/2/07	Servicing
Formica Corporation	Cincinnati	Hamilton	1/26/04	10/19/04	Terminated without Clawback
Formtek Inc.	Bedford Heights	Cuyahoga	10/29/01	4/3/02	Terminated without Clawback
Fort James Operating Company	Sandusky	Erie	7/13/98	2/22/99	Terminated with Clawback
Fort Recovery Industries, Inc.	Fort Recovery	Mercer	8/12/96	3/24/98	Terminated without Clawback
Fostoria Ethanol, LLC	Fostoria	Seneca	2/26/07	6/12/08	Servicing
fourthchannel, inc.	New Albany	Franklin	2/28/00	2/22/01	Terminated without Clawback
Fox River Paper Company LLC	Urbana	Champaign	2/26/01	9/3/06	Terminated without Clawback
FRCH Design Worldwide	Cincinnati	Hamilton	2/27/06	8/8/07	Servicing
FRCH Design Worldwide	Cincinnati	Hamilton	3/29/99	3/5/04	Terminated without Clawback
Freeman Schwabe Machinery, LLC	Union Township	Clermont	8/27/07	2/27/09	Servicing
Freeport Press, Inc.	Freeport	Harrison	8/25/03	5/27/05	Servicing
Freightliner Corporation	Willoughby	Lake	9/22/97	3/27/02	Terminated with Clawback
Fremont Plastic Molds	Rice Township	Sandusky	5/22/95	1/22/96	Terminated without Clawback
Fresh Unlimited, Inc.	Sidney	Shelby	8/30/04	10/1/07	Servicing
Freudenberg-NOK General Partnership, Corteco Div.	Milan	Erie	6/24/02	1/27/04	Terminated without Clawback
Friction Products Co.	Medina	Medina	9/25/95	3/5/96	Servicing
Friction Products Co.	Medina	Medina	6/30/08	12/9/09	Servicing
Friction Products Co.	Solon	Cuyahoga	7/28/08	12/9/09	Servicing
FT Precision Inc.	Wayne Township	Knox	1/23/95	5/18/00	Servicing
FT Precision Inc.	Wayne Township	Knox	2/23/04	6/6/07	Servicing

FT Precision Inc.	Wayne Township	Knox	9/27/10	2/25/11	Servicing
Fukuvi USA, Inc.	Huber Heights	Montgomery	6/24/96	7/17/98	Servicing
Fulton County Processing, Ltd	Delta	Fulton	10/29/01	5/26/10	Servicing
Fulton County Processing, Ltd.	York Township	Fulton	12/8/08	8/27/09	Servicing
Fuserashi International Technology, Inc.	Valley City	Medina	4/28/97	3/5/99	Terminated without Clawback
Future Controls Corporation	Austinburg Township	Ashtabula	10/30/00	9/26/06	Terminated without Clawback
Future Healthcare, Inc.	Cincinnati	Hamilton	1/24/94	5/25/94	Terminated without Clawback
G&M Media Packaging, Inc.	Bryan	Williams	4/30/07	4/22/08	Terminated without Clawback
Gabriel Logan, LLC	Logan	Hocking	2/25/02	9/26/06	Servicing
Garland Industries, Inc.	Cleveland	Cuyahoga	7/26/10	12/21/10	Servicing
GB Manufacturing Company	Delta	Fulton	12/5/94	7/27/95	Terminated without Clawback
GCA Services Group et al.	Cleveland	Cuyahoga	9/24/07	4/12/10	Servicing
GE Capital Financial Service Corporation	Canton	Stark	12/6/99	1/30/01	Terminated without Clawback
GE Capital Financial Service Corporation et al.	Dayton	Montgomery	8/12/96	3/2/07	Servicing
GE Lighting, Inc.	Bucyrus	Crawford	9/28/09	3/17/10	Servicing
Gebauer Company	Cleveland	Cuyahoga	5/19/03	8/20/03	Servicing
GED Integrated Solutions, Inc.	Twinsburg	Summit	2/28/05	2/21/06	Terminated without Clawback
GEI of Columbiana, Inc. et al.	Leetonia	Columbiana	8/28/00	10/12/07	Servicing
GELcore, LLC	Valley View	Cuyahoga	7/26/99	5/16/01	Closed
Genco I, Inc.	Groveport	Franklin	1/25/10	1/5/11	Servicing
General Aluminum Manufacturing Co. Inc.	Conneaut	Ashtabula	2/24/97	11/4/03	Closed
General Aluminum Manufacturing Co. Inc.	Wapakoneta	Auglaize	6/26/95	6/18/01	Servicing
General Aluminum Mfg. Co.	Rootstown Township	Portage	7/28/08	11/25/09	Servicing
General Casting Co., The	Delaware	Delaware	8/16/93	10/20/94	Terminated without Clawback
General Data Company, Inc.	Cincinnati	Clermont	9/27/93	7/3/97	Servicing
General Data Company, Inc.	Cincinnati	Clermont	2/28/11	9/15/11	Servicing
General Dynamics Land Systems Inc.	Shawnee Township	Allen	6/28/04	11/21/07	Servicing
General Engine Products, Inc.	Franklin	Warren	10/25/99	2/21/01	Servicing
General Mills Operations, LLC	Martel	Marion	8/26/02	7/11/03	Servicing
General Mills Operations, LLC	Wellston	Jackson	6/29/09	1/25/10	Servicing
General Mills Operations, LLC	Sharonville	Hamilton	3/29/10	2/2/11	Servicing
General Motors LLC	Lordstown	Trumbull	7/28/08	1/15/09	Servicing
General Products Corporation	Columbus	Franklin	12/5/05	9/18/06	Terminated with Clawback
General Tool Company	Reading	Hamilton	12/8/97	11/23/99	Terminated without Clawback
GENPAK LLC	Columbus	Franklin	12/4/06	5/9/08	Servicing
GenPak Solutions LLC	Hilliard	Franklin	8/30/10	2/4/11	Servicing
Gerstenslager Company, The	Clyde	Sandusky	4/24/00	11/14/08	Servicing
GHP Operating company LLC	Westerville	Delaware	1/31/05	9/27/05	Terminated without Clawback
Girindus America Inc.	Cincinnati	Hamilton	1/22/01	9/7/05	Servicing
Givaudan Flavors Corporation	Cincinnati	Hamilton	9/22/97	12/12/05	Servicing
Givaudan Flavors Corporation	Cincinnati	Hamilton	8/25/03	4/17/08	Servicing

GKN Driveline Bowling Green, Inc.	Bowling Green	Wood	7/13/98	6/28/06	Servicing
GKN Sinter Metals, LLC	Gallipolis	Gallia	12/9/96	2/13/02	Servicing
Global Cooling, Inc.	Athens	Athens	2/28/11	7/19/11	Servicing
Global Scrap Management, Inc.	Batavia Township	Clermont	6/27/11	8/3/11	Servicing
GOJO Industries, Inc.	Cuyahoga Falls	Summit	9/30/02	12/8/04	Servicing
GOJO Industries, Inc.	Akron	Summit	5/26/09	10/23/09	Servicing
Gold Medal Products Co.	Cincinnati	Hamilton	5/20/96	2/12/97	Servicing
GoneHome, Inc.	North Canton	Stark	2/26/01	5/24/02	Terminated without Clawback
Goodrich Corporation	Cleveland	Cuyahoga	5/21/01	1/16/03	Terminated without Clawback
Gordon Food Service, Inc.	Springfield	Clark	12/4/95	3/11/05	Servicing
GPS Consumer Direct, Inc.	Grove City/Groveport	Franklin	12/8/97	9/12/01	Servicing
Graco Ohio Inc.	Jackson Township	Stark	5/22/06	11/14/08	Servicing
Graco Ohio Inc.	Jackson Township	Stark	8/12/96	8/17/00	Terminated without Clawback
Gradall Industries, Inc.	New Philadelphia	Tuscarawas	6/26/06	8/1/08	Closed
Grady McCauley Inc.	North Canton	Stark	12/7/98	9/8/99	Terminated without Clawback
Graeter's Manufacturing Co.	Cincinnati	Hamilton	3/30/09	10/14/09	Servicing
GrafTech International Holdings Inc.	Cleveland	Cuyahoga	2/25/02	6/14/10	Servicing
GrafX Packaging Corporation	Canal Winchester	Franklin	5/24/99	7/18/00	Terminated with Clawback
Graham Packaging PET Technologies Inc.	Fremont	Sandusky	12/8/97	1/23/06	Servicing
GRAMAG Truck Interior Systems, LLC	Grove City	Franklin	6/26/00	3/11/05	Closed
Grand Aire Express, Inc. et al.	Swanton Township	Lucas	2/24/97	12/1/00	Terminated without Clawback
Grand Eagle Companies, Inc.	Richfield	Summit	3/26/01	10/9/01	Terminated without Clawback
Grange Mutual Casualty Company	Columbus	Franklin	8/29/05	5/19/08	Servicing
Graphic Packaging International, Inc.	Marion	Marion	8/29/05	6/3/11	Servicing
Graybar Electric Company, Inc.	Youngstown	Mahoning	4/26/99	2/8/01	Servicing
Great American Financial Resources, Inc.	Cincinnati	Hamilton	8/16/93	6/5/01	Servicing
Great American Financial Resources, Inc.	Cincinnati	Hamilton	10/27/97	6/8/01	Servicing
Great Lakes Brewing Co., The	Cleveland	Cuyahoga	2/24/97	4/16/98	Terminated without Clawback
Great Lakes Cheese Company, Inc.	Troy Township	Geauga	9/22/97	2/9/99	Closed
Great Lakes Corrugated Corp.	Toledo	Lucas	10/23/95	8/26/99	Terminated without Clawback
Green Bay Dressed Beef, LLC	Sharonville	Hamilton	12/7/09	11/24/10	Servicing
Green Tokai Co., Ltd.	Brookville	Montgomery	1/26/98	9/7/99	Closed
Greenfield Solar Corp.	Oberlin	Lorain	7/27/09	8/25/10	Servicing
Green-Source Products, LLC	Cleveland	Cuyahoga	7/30/07	4/21/08	Servicing
Greif, Inc. et al.	Delaware	Delaware	1/25/99	7/8/09	Servicing
Grob Systems, Inc.	Bluffton	Hancock	3/27/95	3/21/00	Servicing
Guardian Automotive Products, Inc.	Upper Sandusky	Wyandot	5/23/94	8/18/95	Closed
Guardian Millbury Corp.	Millbury	Ottawa	8/14/95	11/1/96	Servicing
Gummer Wholesale, Inc.	Heath	Licking	12/8/08	11/10/09	Servicing
GXS, Inc.	Brook Park	Montgomery	7/28/08	11/10/09	Servicing
H. C. Nutting Company	Cincinnati	Hamilton	5/24/99	7/18/00	Terminated without Clawback
H. J. Heinz Company et al.	Fremont	Sandusky	7/26/99	3/3/06	Servicing
H.C. Starck Inc.	Euclid	Cuyahoga	3/27/06	12/9/09	Servicing

H.J. Heinz Company, L.P.	Mason	Warren	1/26/09	9/13/09	Servicing
Haas Door Company	Wauseon	Fulton	12/7/98	11/8/99	Terminated without Clawback
Hana Microdisplay Technologies, Inc.	Twinsburg	Summit	5/22/00	1/30/02	Terminated without Clawback
Harmon Technical Coatings Inc.	Kenton	Hardin	3/24/97	3/10/98	Terminated without Clawback
Harmony Systems and Service, Inc.	Piqua	Miami	5/22/95	12/21/95	Terminated without Clawback
Harris Corporation	Mason	Warren	12/9/96	10/15/98	Servicing
Harrison Ethanol LLC	Cadiz Township	Harrison	1/31/05	10/28/09	Servicing
Harrison Paint Company	Canton	Stark	2/26/01	12/17/02	Terminated without Clawback
Harry & David Operations, Inc.	Hebron	Licking	6/24/96	2/19/98	Servicing
Hartman, Division of Communications Instruments, I	Mansfield	Richland	4/27/98	6/1/01	Terminated without Clawback
Harvest Info, Inc.	Mason	Warren	9/24/01	2/26/04	Terminated with Clawback
Haverhill North Coke Company	Franklin Furnace	Scioto	12/8/03	5/29/08	Servicing
HawkLine LLC	Mt. Orab	Brown	12/9/02	7/2/04	Terminated without Clawback
Hawkline Nevada LLC	Mt. Orab	Brown	7/31/06	7/7/08	Terminated without Clawback
Hayneedle, Inc.	Monroe	Butler	1/25/10	11/3/10	Servicing
HCR Manor Care Services, LLC et al.	Toledo	Lucas	9/28/98	12/15/10	Servicing
HDT EP, Inc.	Harpersfield Township	Ashtabula	10/25/10	4/4/11	Servicing
Health Care Dataworks, Inc.	Columbus	Franklin	12/6/10	9/13/11	Servicing
HealthSpot Inc.	Dublin	Franklin	12/6/10	10/21/11	Servicing
Hearthside Food Solution (fka Consolidated Biscuit	Sandusky	Erie	3/28/94	10/12/94	Terminated without Clawback
Heartland Healthcare Services et al.	Toledo	Lucas	3/28/94	3/16/06	Servicing
Heidtman Steel Products, Inc. et al.	Cleveland	Cuyahoga	1/27/03	11/10/11	Servicing
Helios Coatings, Inc.	Canton	Stark	2/28/05	3/21/06	Terminated without Clawback
Henny Penny Corporation	Eaton	Preble	5/23/94	3/24/00	Servicing
Henny Penny Corporation	Eaton	Preble	8/11/97	3/19/98	Terminated without Clawback
Heroux-Devtek McSwain Manufacturing Corp.	Cincinnati	Butler	1/22/01	11/14/01	Terminated without Clawback
Hexa Americas, Inc.	Sidney	Shelby	8/29/05	5/17/07	Servicing
Hiflo K-Omega Corporation	Northwood	Wood	12/6/93	3/24/94	Terminated without Clawback
High Tech Performance Trailers, Inc.	Painesville	Lake	5/22/00	6/26/01	Terminated without Clawback
Highway Composites, LLC et al.	City of Norwalk	Huron	6/26/06	2/27/09	Terminated without Clawback
Highway Safety Corp.	Marion	Carroll	1/25/99	12/7/99	Closed
Hirschvogel Incorporated	Columbus	Franklin	9/27/04	9/7/06	Servicing
Hi-Tek Manufacturing, Inc.	Mason	Warren	4/30/01	7/24/01	Terminated without Clawback
HL-A Co., Inc.	Marysville	Union	6/28/04	5/6/05	Terminated without Clawback
Hobart Brothers Company	Piqua	Miami	5/24/93	6/7/95	Terminated without Clawback
Hobart Brothers Company	Troy	Miami	5/24/93	6/7/96	Terminated without Clawback
Hobsons, Inc.	Cincinnati	Hamilton	1/30/06	9/22/06	Servicing
Hohman Plating & Mfg., LLC	Dayton	Montgomery	3/27/00	3/21/01	Closed
Hohman Plating and Mfg., LLC	Dayton	Montgomery	9/26/11	11/10/11	Servicing
Hollingsworth Container, L. L. C.	Ravenna	Portage	1/26/98	7/17/98	Terminated without Clawback

Home Depot U.S.A., Inc.	Allen Township	Hancock	6/29/09	4/29/10	Servicing
HomePlace Holdings, Inc.	London	Fairfield	12/6/99	12/14/00	Terminated without Clawback
Homesite Group, Inc.	Akron	Summit	2/28/05	3/8/06	Servicing
Hoover Universal, Inc.	Northwood	Wood	4/26/99	6/27/06	Servicing
Hoover Universal, Inc.	Oberlin	Lorain	2/26/96	9/30/98	Terminated with Clawback
Horizons Video & Film Incorporated	Upper Arlington	Franklin	12/6/99	3/22/01	Terminated without Clawback
Hose Master, LLC	Euclid	Cuyahoga	4/24/95	1/16/97	Closed
Hose Master, LLC	Euclid	Cuyahoga	12/4/06	4/9/08	Servicing
Hosea Industrial Packing, LLC	Batavia	Clermont	7/13/98	9/21/99	Terminated without Clawback
Huck International, Inc. (dba Huck Fasteners)	Medina	Medina	12/3/01	6/21/02	Terminated without Clawback
Huhtamaki, Inc.	New Vienna	Highland	9/24/01	6/28/10	Servicing
Human Arc Corporation	Cleveland	Cuyahoga	9/28/09	3/17/10	Servicing
Humana Insurance Company	West Chester Township	Butler	1/28/08	3/8/08	Terminated without Clawback
Humana Insurance Company et al.	Cincinnati	Hamilton	12/4/06	10/12/10	Servicing
Hunger Hydraulics Limited	Rossford	Wood	3/25/96	12/26/96	Terminated without Clawback
Hunter - Morgan LLC, DBA HM Steel	Niles	Trumbull	7/30/01	1/8/02	Terminated without Clawback
Hunter Defense Technologies, Inc. et al.	Solon	Cuyahoga	1/25/10	3/31/11	Servicing
Hunter Manufacturing Company	Solon	Cuyahoga	9/30/02	6/3/03	Servicing
Hydraulic Technologies, Inc.	Galion	Crawford	4/27/98	6/4/99	Closed
Hydrodec North American Holdings, Inc.	Canton	Stark	12/4/06	11/14/08	Servicing
IAC Fremont, LLC	Sandusky Township	Sandusky	12/3/07	6/16/11	Servicing
IAC Huron, LLC	Wauseon	Fulton	2/23/04	8/26/05	Closed
IAC Huron, LLC	Huron	Wayne	12/5/05	8/17/06	Terminated without Clawback
IAC Sidney, LLC	Sidney	Shelby	10/27/03	7/19/05	Terminated without Clawback
IAC Wauseon, LLC	Wauseon	Fulton	6/24/96	10/16/01	Closed
Iams Company	Van Buren Township	Putnam	1/27/97	9/9/98	Servicing
Ice River Springs Water Ohio Inc.	Saint Paris	Champaign	8/31/09	12/9/10	Servicing
IFS Financial Services, Inc.	Cincinnati	Hamilton	4/24/00	10/19/04	Servicing
Illumination Works, LLC	Dayton	Montgomery	12/6/10	11/22/11	Servicing
Imasen Bucyrus Technology, Inc.	Bucyrus	Crawford	5/19/97	11/5/04	Servicing
IMI Norgren, Inc.	Brookville	Montgomery	1/28/02	5/15/02	Servicing
Immediate Pharmaceutical Services, Inc.	Avon Lake	Lorain	7/27/09	3/11/10	Servicing
Indalex, Inc.	Girard	Trumbull	3/22/93	2/15/01	Servicing
Industrial Paint & Strip, Inc.	Woodsfield	Monroe	2/7/00	8/3/01	Terminated without Clawback
InfoCision Management Corporation	Columbus	Franklin	9/26/05	4/7/06	Servicing
InfoCision Management Corporation	Mansfield	Richland	10/28/02	9/22/06	Servicing
InfoCision Management Corporation	Bath Township	Summit	10/28/02	5/17/07	Servicing
InfoCision Management Corporation	Riverside	Montgomery	12/5/05	11/24/10	Servicing
InfoCision Management Corporation	Austintown Township	Mahoning	2/26/07	12/14/10	Servicing
InfoCision Management Corporation	Green	Summit	2/26/07	12/14/10	Servicing
InfoCision Management Corporation	Youngstown	Mahoning	1/31/05	4/13/06	Terminated without Clawback

InfoCision Management Corporation	Gallipolis	Gallia	2/26/07	6/19/08	Terminated without Clawback
InfoCision Management Corporation	Boardman Township	Mahoning	2/26/07	12/14/10	Terminated without Clawback
Infomotion Sports Technologies Inc.	Dublin	Franklin	12/6/10	10/19/11	Servicing
Information Control Corporation	Columbus	Franklin	3/28/11	8/22/11	Servicing
Injectronics, Inc.	Wauseon	Fulton	5/22/00	12/15/05	Terminated with Clawback
Innoplas Corporation	Kenton	Hardin	8/12/96	3/19/98	Terminated without Clawback
Innoplas Corporation	Kenton	Hardin	12/3/01	2/17/02	Terminated without Clawback
InnoTech Industries, Inc.	Elyria	Lorain	5/20/96	3/21/01	Terminated with Clawback
Insource Technologies, Inc.	Paulding	Paulding	12/4/00	6/6/01	Terminated without Clawback
Insurance.com, Inc.	Solon	Cuyahoga	2/26/07	4/22/08	Terminated without Clawback
Integration Technologies, Ltd.	Marion	Marion	9/24/01	2/13/02	Terminated without Clawback
Intelligrated Systems, LLC et al.		Warren	1/28/02	9/13/11	Servicing
Intelligrated Systems, LLC et al.	Mason	Butler	10/26/09	9/14/11	Servicing
Intellinetics, Inc.	Columbus	Franklin	10/31/05	5/17/07	Servicing
Intellirisk Management Corporation et al.	Columbus	Franklin	3/27/00	8/19/03	Closed
Intelliseek, Inc.	Cincinnati	Hamilton	12/6/99	4/9/03	Terminated with Clawback
Interactive Teleservices Corporation	Columbus	Franklin	7/13/98	1/31/00	Terminated without Clawback
InterGroup International Ltd.	Euclid	Cuyahoga	4/26/10	4/4/11	Servicing
International Business Machines Corporation	Columbus	Franklin	1/25/99	2/17/00	Terminated without Clawback
International Converter, Inc.	Caldwell	Noble	9/26/94	1/4/95	Servicing
International Paper Company	Loveland	Clermont	4/24/95	6/2/96	Servicing
International Paper Company	Kenton	Hardin	8/27/01	2/21/02	Servicing
International Paper Company	Miami Township	Clermont	5/19/97	3/13/02	Servicing
International Paper Company	Loveland	Clermont	4/30/01	10/22/06	Servicing
International Paper Company	Hamilton	Butler	12/3/01	6/29/04	Terminated without Clawback
International Paper Company	Sharonville	Hamilton	4/30/01	7/18/06	Terminated without Clawback
Interstate Brands Corporation	Walbridge	Wood	6/23/97	3/1/00	Servicing
Intigral, Inc.	Northwood	Wood	1/30/06	5/29/09	Servicing
inVentiv Communications, Inc.	Westerville	Delaware	12/9/02	4/28/08	Servicing
Involta, LLC	Akron	Summit	3/29/10	11/10/11	Servicing
INVOTEC Engineering, Inc.	Springboro	Montgomery	9/26/11	12/9/11	Servicing
Iosil Energy Corporation	Groveport	Franklin	7/26/10	3/18/11	Servicing
Ishikawa Gasket America, Inc.	Bowling Green	Wood	9/25/95	6/11/96	Servicing
Island Oasis Frozen Cocktail Co., Inc.	Byesville	Guernsey	5/24/10	2/4/11	Servicing
itelligence, Inc.	Blue Ash	Hamilton	6/26/00	6/8/04	Terminated without Clawback
ITM Marketing, Inc.	Coshocton	Coshocton	7/31/00	11/5/04	Closed
ITT Automotive	New Lexington	Perry	9/27/93	12/16/96	Servicing
ITT Industries	New Lexington	Perry	5/22/95	2/19/97	Terminated with Clawback
IVEX Canada	Sidney	Shelby	9/26/05	2/17/06	Terminated without Clawback

J. W. Harris Co., Inc.	Mason	Warren	1/26/98	3/26/01	Servicing
J.M. Smucker Company and J.M. Smucker LLC	Orrville	Wayne	6/24/02	7/23/03	Terminated without Clawback
J.M. Smucker LLC	Toledo	Lucas	2/23/09	12/17/09	Servicing
JAC Products, Inc.	Maumee	Lucas	8/14/95	4/19/96	Terminated with Clawback
JAЕ Tech, Inc.	Apple Creek	Wayne	2/28/00	3/11/05	Servicing
James Group - Ohio, LLC	Trotwood	Montgomery	12/3/07	7/7/08	Terminated without Clawback
James L. Deckebach, LTD.	Cincinnati	Hamilton	10/27/97	9/2/03	Servicing
Jason Wisconsin, Incorporated	Norwalk	Huron	10/25/93	6/14/07	Servicing
Jason Wisconsin, Incorporated	Norwalk	Huron	4/22/96	6/14/07	Servicing
Jason Wisconsin, Incorporated	Newcomerstown	Tuscarawas	2/7/00	6/14/07	Servicing
JBC Technologies, Inc	North Ridgeville	Lorain	6/28/04	2/16/05	Servicing
JBM Envelope Company	Lebanon	Warren	2/28/94	9/9/94	Closed
JELD-WEN, Inc.	Etna Township	Licking	10/30/06	3/5/07	Servicing
Jeliho Plastics, Inc.	Amelia	Clermont	8/14/95	3/28/96	Closed
Jenne, Inc.	Avon	Lorain	9/26/05	11/14/08	Servicing
Jergens Inc.	Cleveland	Cuyahoga	2/22/99	6/26/01	Terminated without Clawback
Jet Composites, Inc.	Toledo	Lucas	8/14/95	2/19/97	Terminated without Clawback
Jet-Pro Company, Inc.	Springfield	Clark	10/25/93	8/9/94	Terminated with Clawback
Johns Manville	Milan	Erie	7/27/09	11/22/11	Servicing
Johns Manville International, Inc.	Defiance	Defiance	7/1/94	10/15/01	Servicing
JPS Packaging Company	Akron	Summit	5/20/96	10/19/99	Closed
Kahiki Foods, Inc.	Columbus	Franklin	9/30/02	9/3/06	Terminated without Clawback
Kalida Manufacturing, Inc.	Kalida	Putnam	4/22/96	12/31/96	Servicing
KAM Manufacturing, Inc.	Van Wert	Van Wert	3/31/03	8/26/05	Servicing
Kasper Enterprises, Inc. & JWS, Inc. et al.	Toledo	Lucas	8/16/93	2/5/04	Servicing
KCI Holding USA, Inc. et al.	Springfield	Clark	5/19/08	10/19/09	Servicing
KDM Signs, Inc.	Evendale	Butler	9/22/97	6/14/99	Servicing
KDM Signs, Inc.	Evendale	Hamilton	1/31/11	8/3/11	Servicing
Keithley Instruments, Inc.	Solon	Cuyahoga	8/14/95	3/23/98	Servicing
Kelsey-Hayes Company	Fayette	Fulton	10/28/96	11/5/99	Servicing
Kelsey-Hayes Company	Fayette	Fulton	1/31/11	6/28/11	Servicing
Kenan Advantage Group Inc., The et al.	Jackson Township	Stark	12/4/06	3/25/10	Servicing
Kendle International Inc.	Cincinnati	Hamilton	12/9/96	7/9/98	Servicing
Kendle International Inc.	Cincinnati	Hamilton	12/3/07	7/16/08	Servicing
Kenexis Consulting Corporation	Upper Arlington	Franklin	8/30/10	4/4/11	Servicing
Kennedy Group Incorporated, The	Willoughby	Lake	1/26/98	2/13/02	Terminated without Clawback
Keystone Powdered Metal Company	Columbus	Franklin	2/24/97	4/14/98	Terminated without Clawback
Koch Meat Company, Inc.	Fairfield	Butler	5/18/98	6/30/00	Terminated without Clawback
Kohl's Department Stores, Inc.	Harrod	Allen	6/28/93	9/26/94	Servicing
Kohl's Department Stores, Inc.	Monroe	Butler	7/31/00	1/31/06	Servicing
Kohl's Department Stores, Inc.	Findlay	Hancock	5/23/11	8/30/11	Servicing
Komyo America Co., Inc.	Troy	Miami	12/6/04	6/10/09	Servicing
Koneta, Inc.	Wapakoneta	Auglaize	8/30/10	2/25/11	Servicing
Kool Aire, LLC	Bedford Heights	Cuyahoga	9/25/06	6/12/08	Terminated without Clawback
Kraft Foods, Inc.	Coshocton	Coshocton	9/26/94	3/22/99	Servicing

Krispy Kreme Doughnut Corporation	Ravenna	Portage	5/19/03	8/13/03	Terminated without Clawback
Kroger Group Cooperative, Inc.	Cincinnati	Hamilton	2/25/02	10/1/03	Terminated without Clawback
KUKA Toledo Production Operations, LLC	Toledo	Lucas	11/1/04	12/22/06	Servicing
Kurz-Kasch, Inc.	Wilmington	Clinton	5/19/03	7/22/09	Servicing
L.G. Cook Distributor, Inc.	Dayton	Montgomery	3/27/95	10/5/95	Terminated with Clawback
La Senza, Inc.	Columbus	Franklin	4/26/10	2/4/11	Servicing
LabAlliance, Inc.	Cincinnati	Hamilton	2/23/04	10/27/04	Terminated without Clawback
Laguna Clay Company	Byesville	Guernsey	4/26/99	1/4/01	Terminated without Clawback
Lake Erie Design Co., Inc.	Wickliffe	Lake	10/27/97	3/23/00	Terminated without Clawback
Lake Shore Cryotronics et al.	Westerville	Delaware	10/23/95	8/25/03	Servicing
Lakeside Interior Contractors, Inc.	Maumee	Lucas	6/26/95	5/13/96	Closed
Lambda Research, Inc.	Cincinnati	Hamilton	12/6/04	5/10/06	Terminated without Clawback
Lamrite West Inc.	Strongsville	Cuyahoga	12/7/98	10/9/02	Closed
Landair Transport, Inc.	Columbus	Franklin	8/16/93	2/5/97	Terminated without Clawback
Lane Bryant Inc.	Columbus	Franklin	11/1/04	4/17/08	Closed
Lastar, Inc.	Dayton/Moraine	Montgomery	5/22/06	6/21/10	Servicing
LAURA ASHLEY, INC.	Columbus	Franklin	6/23/97	2/18/98	Terminated without Clawback
Lauren Architectural Products, Inc.	Cambridge	Guernsey	10/25/99	2/8/01	Terminated with Clawback
LeadScope, Inc.	Columbus	Franklin	2/26/01	11/25/02	Terminated without Clawback
Lear Corporation	Wauseon	Fulton	6/23/97	10/18/00	Terminated without Clawback
Lear Corporation EEDS and Interiors	Zanesville	Muskingum	6/24/02	12/15/05	Terminated without Clawback
Lear Operations Corporation	Huron	Erie	12/9/02	6/8/04	Terminated without Clawback
Lebanon Plastics, Inc.	Lebanon	Warren	9/25/95	6/2/96	Terminated without Clawback
Leedsworld, Incorporated	Warren	Trumbull	4/24/06	10/4/06	Terminated without Clawback
LensCrafters International	Mason	Warren	3/26/01	8/16/02	Servicing
Lerner, Sampson, & Rothfuss LPA et al.	Cincinnati	Hamilton	12/3/01	5/19/08	Closed
Letts Industries, Inc.	Pioneer	Williams	12/6/93	12/20/99	Closed
LEWCO, Inc.	Sandusky	Erie	5/24/99	6/13/01	Closed
LEWISystems	Urbana	Champaign	3/22/93	12/6/93	Terminated without Clawback
Lexi-Comp, Inc.	Hudson	Summit	4/26/04	9/30/09	Servicing
Lexington Connector Seals	Vienna	Trumbull	4/24/00	3/1/02	Terminated without Clawback
LFG Specialties, Inc.	New Concord	Muskingum	10/28/96	5/15/97	Terminated without Clawback
Libbey Inc.	Toledo	Lucas	12/4/95	12/9/98	Closed
Libbey Inc.	Toledo	Lucas	8/28/00	6/21/10	Closed
Libbey Inc.	Toledo	Lucas	6/28/10	1/25/11	Servicing
Libbey-Owens-Ford Co.	Columbus	Franklin	2/26/96	10/9/01	Closed
Liberty Savings Bank, F.S.B.	Dayton	Montgomery	3/30/98	1/5/01	Terminated without Clawback
Liebert Corporation et al.	Delaware	Delaware	4/22/96	10/18/00	Closed
Liebert North America, Inc.	Ironton	Lawrence	3/27/00	5/4/01	Closed
Liebert North America, Inc.	Delaware	Delaware	4/26/04	8/26/05	Servicing
Liebert North America, Inc.	Ironton	Lawrence	10/25/10	8/10/11	Servicing
Life Line Screening of America	Canton	Stark	3/27/06	6/5/08	Terminated without Clawback

Lighting Products, Inc.	Hubbard	Mahoning	5/22/00	3/21/02	Terminated without Clawback
Lima Energy Company	Lima	Allen	2/23/04	1/15/09	Servicing
Lima Refining Company	Lima	Allen	9/28/98	3/8/10	Servicing
Lima Sheet Metal Fabrication & Welding, Inc.	Lima	Allen	6/28/99	1/25/01	Terminated without Clawback
Limited Technology, Inc. et al.	Columbus	Franklin	4/28/03	6/10/09	Closed
Little Tikes Company	Hudson	Summit	6/29/09	11/22/11	Servicing
LNS America, Inc.	Cincinnati	Clermont	7/13/98	8/16/99	Closed
Lockheed Martin Corporation	Akron	Summit	12/8/03	1/15/07	Servicing
LOGTEC, Inc.	Fairborn	Greene	4/28/03	9/2/04	Closed
London Computer Systems, Inc.	Loveland	Hamilton	1/28/08	7/16/08	Servicing
London Industries, Inc.	London	Madison	1/27/97	5/7/98	Terminated without Clawback
Longbow Research, LLC	Seven Hills	Cuyahoga	6/29/09	10/19/09	Servicing
LORD Corporation	Dayton	Montgomery	6/30/03	3/16/06	Servicing
Lordstown Seating Systems: A Division of Magna Sea	Warren	Trumbull	9/29/03	5/3/10	Servicing
L'Oreal USA S/D, Inc.	Streetsboro	Portage	1/26/04	7/29/04	Servicing
Lowe's Home Centers, Inc.	Findlay	Hancock	4/24/00	6/25/09	Servicing
LSI Industries Inc.	Cincinnati	Hamilton	12/5/94	1/13/00	Servicing
LuK USA LLC et al.	Wooster	Wayne	1/27/97	6/9/06	Servicing
LuK, Inc. et al.	Wooster	Wayne	3/25/02	6/9/06	Servicing
M&M Restaurant Supply	Springfield	Clark	2/27/95	11/14/96	Terminated without Clawback
M-7 Technologies	Youngstown	Mahoning	3/25/02	5/10/06	Terminated without Clawback
MAC Manufacturing, Inc. et al	Alliance	Stark	12/8/03	9/12/05	Servicing
Macola, Inc.	Marion	Marion	9/25/95	2/16/01	Terminated without Clawback
Macy's Credit & Customer Services, Inc.	Sharonville	Hamilton	4/26/93	7/7/97	Servicing
Macy's Credit & Customer Services, Inc.	Monroe	Butler	9/27/93	1/12/99	Servicing
Macy's Credit Customer Services, Inc.	Cincinnati	Hamilton	4/26/93	1/10/97	Servicing
Macy's Systems and Technology, Inc.	Lorain	Lorain	4/26/93	12/9/08	Servicing
Magna Modular Systems, Inc.	Toledo	Lucas	5/23/05	10/21/10	Servicing
Magnesium Refining Technologies, Inc.	Bellevue	Sandusky	6/24/96	12/30/97	Closed
Magnode Corporation	Middletown	Butler	10/24/94	5/2/95	Terminated without Clawback
Main Steel Polishing Company, Inc.	Austintown Township	Mahoning	6/26/00	12/15/04	Servicing
Makino Inc.	Mason	Warren	5/20/96	12/8/97	Terminated without Clawback
Malco Products, Inc.	Alliance	Stark	1/22/96	9/4/96	Closed
Malt Products Corporation	Dayton	Montgomery	12/6/93	11/13/96	Terminated without Clawback
Manco, Inc.	Avon	Lorain	2/27/95	2/28/96	Closed
Manitowoc Marine Group Inc.	Toledo	Lucas	12/7/98	2/23/00	Terminated without Clawback
Mantaline Corporation	Aurora	Portage	12/7/98	3/16/00	Terminated without Clawback
Marathon Corp. fka Marathon Ashland Petroleum et al.	Findlay	Hancock	2/26/01	10/29/01	Terminated without Clawback
Mar-Bal, Inc.	Chagrin Falls	Geauga	4/29/02	1/5/05	Servicing
Marcus Thomas, LLC	Warrensville Heights	Cuyahoga	5/23/11	11/22/11	Servicing
Marion Ethanol, LLC	Marion Township	Marion	2/26/07	7/30/08	Servicing
Marion Industries, Inc.	Marion	Marion	6/28/99	4/25/00	Servicing

Maritz Marketing Research Inc.	Maumee	Lucas	2/22/99	4/19/00	Terminated without Clawback
Marketing Research Services, Inc.	Cincinnati	Hamilton	4/28/03	7/2/04	Servicing
Maronda Homes, Inc. of Ohio	Eaton	Preble	10/26/98	7/13/99	Closed
Marshall Industries Composites, Inc.	Lima	Allen	12/8/97	5/18/99	Terminated with Clawback
Masco Retail Cabinet Group, LLC	Waverly	Pike	3/22/93	6/1/95	Servicing
Masco Retail Cabinet Group, LLC	Waverly/Seal Township	Pike	5/19/97	9/21/09	Servicing
Masco Retail Cabinet Group, LLC	Waverly	Pike	5/20/96	9/22/09	Servicing
Masco Retail Cabinet Group, LLC. fka KraftMaid	Orwell	Ashtabula	3/29/99	9/21/09	Servicing
Massillon Stainless, Inc.	Massillon	Stark	2/7/00	5/9/01	Terminated with Clawback
Master Industries, Inc.	Ansonia	Darke	8/28/00	11/5/01	Servicing
Masters Pharmaceutical, Inc.	Forest Park	Hamilton	9/29/03	9/3/06	Servicing
Masters Pharmaceutical, Inc.	Fairfield	Butler	7/26/10	1/7/11	Servicing
Material Sciences Corporation	Middletown	Butler	8/16/93	12/17/93	Terminated with Clawback
Matsushita Display Devices Company of America	Troy	Miami	10/25/99	8/15/01	Terminated without Clawback
Mattingly Foods, Inc.	Zanesville	Muskingum	9/27/99	12/19/00	Servicing
Max-Wellness, LLC	Warrensville Heights	Cuyahoga	4/27/09	10/7/09	Servicing
Mayflower Vehicle Systems, LLC	Shadyside	Belmont	2/22/93	6/28/06	Servicing
Mayflower Vehicle Systems, LLC	Norwalk	Huron	2/27/95	6/28/06	Servicing
Mayflower Vehicle Systems, LLC	Norwalk	Huron	9/22/97	9/21/98	Terminated without Clawback
Mayfran International, Inc.	Cleveland	Cuyahoga	12/6/04	5/17/07	Terminated without Clawback
MB Kit Systems, Ltd	Akron	Summit	1/27/97	4/9/01	Terminated without Clawback
McCann Color, Inc.	Jackson Township	Stark	12/7/98	9/22/04	Terminated without Clawback
McCarthy, Burgess, and Wolff, Inc.	Middleburg Heights	Cuyahoga	1/28/08	8/27/08	Servicing
McClain E-Z Pack, Inc. and McClain Industries et al.	Galion	Crawford	5/24/93	2/11/98	Terminated with Clawback
MCC-Quick Pak, LLC	Cincinnati	Hamilton	7/28/03	7/12/05	Terminated without Clawback
McGraw-Hill Education, Inc.	Blacklick	Franklin	3/28/94	6/24/02	Servicing
McGraw-Hill Education, Inc.	Columbus	Delaware	10/27/97	10/12/07	Servicing
McKesson Information Solutions, LLC dbaRelayHealth	Columbus	Delaware	2/27/06	7/25/07	Servicing
McMaster-Carr Supply Company	Aurora	Portage	6/27/05	12/12/05	Closed
McMaster-Carr Supply Company	Aurora	Portage	3/28/94	1/11/95	Servicing
MCPC, Inc.	Cleveland	Cuyahoga	7/26/10	3/18/11	Servicing
MCSI, Inc.	Kettering	Montgomery	5/21/01	1/10/02	Terminated without Clawback
Medco Health Solutions, Inc.	Fairfield	Butler	7/13/98	9/5/03	Servicing
Medex, Inc.	Dublin	Franklin	6/25/01	4/9/02	Terminated without Clawback
Medina Blanking, Inc.	Valley City	Medina	8/12/96	11/2/00	Servicing
Mediu, LLC	Worthington	Franklin	3/28/11	9/23/11	Servicing
Medline Industries, Inc.	Canton	Wayne	12/7/09	11/1/10	Servicing

Medline Industries, Inc.	Cincinnati	Hamilton	6/27/11	10/19/11	Servicing
Medpace Inc.	Cincinnati	Hamilton	7/31/00	9/22/04	Closed
Medpace Inc.	Cincinnati	Hamilton	9/29/08	5/26/10	Servicing
Megas Beauty Care, Inc.	Cleveland	Cuyahoga	10/27/97	8/11/98	Terminated without Clawback
Meggitt-USA Services, Inc.	Akron	Summit	12/6/10	9/2/11	Servicing
Melink Corporation	Milford	Clermont	12/6/04	6/2/05	Servicing
MemberHealth LLC et al.	Solon	Cuyahoga	9/26/05	5/29/09	Servicing
Menlo Logistics, Inc.	Bath Township	Allen	6/30/08	8/26/11	Servicing
Merc Holding Co.,	Morain	Montgomery	12/6/99	10/24/01	Terminated without Clawback
Mercury Plastics, Inc.	Middlefield Township	Geauga	8/31/09	12/22/09	Servicing
Meridian Bioscience Inc.	Cincinnati	Hamilton	6/28/99	6/8/01	Closed
Meteor Sealing Systems LLC	Dover	Tuscarawas	7/28/03	11/30/09	Servicing
MetoKote Corporation	Maumee	Lucas	9/23/96	9/24/01	Terminated without Clawback
Mettler-Toledo, Inc.	Worthington	Franklin	2/28/11	8/24/11	Servicing
Meyer Tool, Inc.	Cincinnati	Hamilton	9/27/99	2/21/02	Servicing
Meyer Tool, Inc.	Cincinnati	Hamilton	4/26/93	8/3/94	Terminated without Clawback
Miami Computer Supply Corporation	Strongsville	Cuyahoga	6/24/96	6/19/97	Terminated without Clawback
Miami Valley Steel	Piqua	Miami	6/26/95	1/1/97	Closed
Miba Bearings US LLC	McConnelsville	Morgan	1/28/08	1/4/11	Servicing
Miba Sinter USA LLC	Morgan Township	Morgan	6/30/08	5/26/11	Servicing
Micro Electronics, Inc. & Subsidiaries	Hilliard	Franklin	9/22/97	9/5/01	Terminated without Clawback
Micro Industries Corporation	Columbus	Franklin	12/6/99	5/22/02	Terminated without Clawback
MicroAge Computer Centers, Inc.	Cincinnati	Hamilton	4/26/93	10/21/96	Terminated with Clawback
Microtek Laboratories, Inc.	Moraine	Montgomery	5/22/06	6/25/08	Terminated without Clawback
Mid Ohio Packaging Company	Marion	Marion	2/27/95	10/31/95	Terminated without Clawback
Mid-America Packaging, LLC	Twinsburg	Summit	7/1/94	5/2/95	Servicing
Middletown Coke Company, LLC	Middletown	Butler	5/24/10	2/9/11	Servicing
Middough Associates Inc.	Cleveland	Cuyahoga	6/23/97	12/19/01	Terminated without Clawback
Midland Company, The	Amelia	Clermont	7/1/94	5/14/96	Servicing
Midland Company, The	Amelia	Clermont	9/26/05	10/8/08	Servicing
Midwest Acoust-A-Fiber, Inc.	Delaware	Delaware	1/26/98	12/2/99	Closed
Midwest Conveyor Products	Ashland	Ashland	7/13/98	2/3/00	Terminated without Clawback
Midwest Express Inc.	East Liberty	Logan	7/25/11	10/21/11	Servicing
Mike Albert Leasing, Inc.	Evendale	Hamilton	5/23/11	10/3/11	Servicing
MilAir LLC	Miami Township	Clermont	2/26/07	7/7/08	Servicing
Milcor, Inc.	Lima	Allen	12/5/94	8/3/01	Terminated with Clawback
Millard Refrigerated Services, Inc.	Streetsboro	Portage	10/26/98	8/13/03	Servicing
Millat Industries Corporation	dayton	Greene	2/27/95	8/13/97	Closed
Mill's Pride, Inc.	Columbus	Franklin	8/26/02	6/30/03	Terminated without Clawback
Millwood, Inc.	Wooster	Wayne	6/28/93	9/28/94	Terminated with Clawback
Millwood, Inc.	Fremont	Sandusky	6/26/00	5/4/01	Terminated without Clawback
Mitchell Equipment Corporation	Monclovia	Lucas	6/24/96	3/5/99	Terminated without Clawback
Mitsubishi Electric Automotive America, Inc.	Vienna	Warren	4/24/00	3/1/02	Terminated without Clawback
Modal Shop, Inc., The	Cincinnati	Hamilton	4/29/02	7/23/03	Terminated without Clawback

Moellering Industries Co., Inc.	Cincinnati	Hamilton	9/27/99	11/8/02	Terminated without Clawback
Mold Masters International, Inc.	Mentor	Lake	6/28/10	2/2/11	Servicing
Molten North America Corporation	Findlay	Hancock	10/29/01	5/8/02	Closed
Momentive Performance Materials Quartz, Inc.	Strongsville	Cuyahoga	7/13/98	9/9/08	Servicing
Momentive Performance Materials Quartz, Inc.	Strongsville	Cuyahoga	1/31/11	12/19/11	Servicing
Momentive Specialty Chemicals Inc.	Union Township	Licking	1/31/11	12/19/11	Servicing
Momentive Specialty Chemicals Inc.	Columbus/Gahanna	Franklin	1/31/11	12/19/11	Servicing
Mondi Packaging Akrosil LLC	Lancaster	Fairfield	2/27/06	7/3/07	Terminated without Clawback
Morgal Machine Tool Company	Springfield	Clark	8/31/09	5/12/10	Servicing
Morgan Engineering Systems, Inc.	Alliance	Stark	4/27/09	11/16/09	Servicing
Morgan Stanley Smith Barney LLC	Columbus	Franklin	4/25/11	11/28/11	Servicing
Morris Technologies, Inc.	Sharonville	Hamilton	2/28/11	9/23/11	Servicing
Mosler Inc.	Hamilton	Butler	3/29/99	5/11/00	Terminated with Clawback
Motor Products - Ohio Corp.	Barberton	Summit	3/27/95	2/21/01	Terminated with Clawback
Motorists Mutual Insurance Company	Columbus	Franklin	6/30/08	11/12/10	Servicing
Mound Flexible Circuits Corp.	Miamisburg	Montgomery	2/26/96	1/7/97	Terminated with Clawback
Mountaineer Products, Inc.	Bellaire	Belmont	7/26/10	1/21/11	Servicing
MP TotalCare, Inc.	New Albany	Franklin	3/30/98	4/1/98	Closed
MPW Container Management Corporation	Cleveland	Cuyahoga	6/23/97	1/25/00	Terminated without Clawback
MPW Industrial Services, Inc.	Hebron	Licking	3/30/98	2/25/99	Terminated without Clawback
ms consultant, inc.	Columbus	Franklin	1/31/05	2/17/06	Servicing
MT Picture Display Corporation of America (Ohio)	Troy	Miami	5/22/95	2/26/04	Terminated with Clawback
MTC Transformers, Inc.	Louisville	Stark	7/30/07	3/25/10	Servicing
MTD Acquisition, LLC	dayton	Montgomery	10/31/05	11/27/07	Terminated without Clawback
M-TEK, Inc.	Upper Sandusky	Wyandot	2/22/99	4/18/03	Servicing
MTP, Inc.	Franklin	Warren	12/6/93	6/8/94	Servicing
MTP, Inc.	Franklin	Warren	11/1/04	6/27/05	Terminated without Clawback
Multi-Color Corporation	Union Township	Clermont	9/24/07	11/14/08	Servicing
Murotech Ohio Corporation	St. Marys	Auglaize	7/13/98	5/16/00	Closed
MVD Communications LLC	Blue Ash	Hamilton	5/22/06	10/16/06	Terminated without Clawback
Myers Industries, Inc.	Sandusky	Erie	10/29/07	12/28/09	Servicing
Napoleon Spring Works, Inc.	Archbold	Fulton	5/18/98	9/22/04	Terminated without Clawback
National Bronze & Metals, Inc.	Sheffield Township	Lorain	10/27/97	7/9/98	Servicing
National Bronze & Metals, Inc.	Sheffield Township	Lorain	1/28/08	8/27/08	Servicing
National Carton and Coating Co.	Xenia	Greene	5/20/96	11/5/97	Terminated without Clawback
National Interstate Insurance Company	Richfield	Summit	10/25/99	1/5/05	Servicing
Nationwide Better Health Holding Company	Solon	Cuyahoga	12/3/07	5/29/09	Servicing
Navigator Management Partners, LLC	Columbus	Franklin	1/26/09	10/14/09	Servicing
Navistar International Transportation Corp.	Springfield	Clark	4/26/93	6/8/94	Servicing

NC Works, Inc.	Franklin	Warren	2/22/10	2/2/11	Servicing
NCI Group, Inc.	Middletown	Butler	4/26/10	6/13/11	Servicing
Neaton Auto Products Mfg., Inc.	Eaton	Preble	10/24/94	1/18/95	Servicing
Neff-Perkins Company	Austinburg Township	Ashtabula	10/24/94	5/18/95	Terminated without Clawback
NeoMed Technologies	Cleveland	Cuyahoga	12/3/01	12/6/02	Terminated without Clawback
Nestle R & D Center, Inc.	Solon	Cuyahoga	5/22/00	3/5/02	Terminated without Clawback
Nestle R&D, Inc. (fka Westreco, Inc.)	Marysville	Union	6/28/93	11/17/03	Servicing
Net Shape Technologies	Solon	Cuyahoga	2/28/00	2/25/02	Terminated without Clawback
Netflix, Inc.	Grove City	Franklin	12/8/08	7/29/09	Servicing
NetJets Inc. et al.	Columbus	Franklin	8/11/97	7/8/09	Servicing
Neturen America Corporation	Hamilton	Butler	2/26/07	11/25/09	Servicing
New Bakery Company of Ohio, Inc., The	Zanesville	Muskingum	7/31/00	4/20/04	Servicing
New Bakery Company of Ohio, Inc., The	Zanesville	Muskingum	7/1/94	3/2/95	Terminated without Clawback
New Creative Enterprises, Inc.	Milford	Clermont	8/14/95	12/6/96	Servicing
Newman Technology, Inc.	Mansfield	Richland	5/20/96	12/12/05	Servicing
NewPage Corporation	Miami Township	Montgomery	3/31/08	2/4/10	Servicing
Nex Transport, Inc.	East Liberty	Logan	8/12/96	5/1/97	Closed
Nexergy, Inc.	Columbus	Franklin	5/19/08	5/1/09	Terminated without Clawback
Next Specialty Resins, Inc.	Sylvania Township	Lucas	3/31/08	2/27/09	Servicing
NexTech Materials, Ltd.	Lewis Center	Delaware	10/28/02	7/18/06	Servicing
NFO Research, Inc.	Northwood	Wood	4/28/97	4/24/98	Servicing
Nippert Company, The	Delaware	Delaware	9/26/94	12/30/94	Terminated without Clawback
Nissin Brake Ohio, Inc.	Findlay	Hancock	6/28/10	1/5/11	Servicing
NK Parts Industries, Inc.	East Liberty	Logan	12/8/03	5/29/09	Closed
NK Parts Industries, Inc.	Sidney	Shelby	2/7/00	2/3/06	Servicing
NMC Company	Fostoria	Seneca	2/27/95	12/21/95	Closed
NMC Company	Fostoria	Hancock	11/1/04	3/8/10	Closed
Noble Metal Processing - Ohio, LLC	Stow	Summit	10/31/05	10/10/07	Terminated without Clawback
Noramco, Inc.	Carrollton	Carroll	1/25/99	10/19/99	Servicing
Norandex Building Materials Distribution, Inc.	Hudson	Summit	4/28/08	8/11/10	Terminated without Clawback
Norman Noble, Inc.	Highland Heights	Cuyahoga	12/9/96	1/1/97	Closed
Norplas Industries Inc.	Northwood	Wood	1/27/97	5/30/01	Servicing
North American Bus Industries, Inc.	Delaware	Delaware	8/27/07	10/2/09	Servicing
North American Science Associates, Inc.	Northwood	Wood	12/3/01	12/22/03	Servicing
North American Science Associates, Inc.	Northwood	Wood	9/26/11	12/27/11	Servicing
North American Wire Products	Solon	Cuyahoga	2/22/99	1/18/00	Terminated without Clawback
North Star BlueScope Steel LLC	York Township	Fulton	6/26/95	9/27/05	Servicing
Norwalk Custom Order Furniture, LLC et al.	Norwalk	Huron	9/29/08	4/3/09	Servicing
NORWE, Inc.	Canton	Summit	12/4/95	11/12/96	Terminated without Clawback
Norwood Tool Company	Dayton	Montgomery	12/8/97	2/1/06	Servicing
Norwood Tool Company	Dayton	Montgomery	8/25/08	9/23/10	Servicing
NOSHOK, Inc.	Berea	Cuyahoga	7/13/98	12/8/00	Terminated without Clawback
Novatex North America, Inc.	Ashland	Ashland	10/30/06	2/19/10	Servicing
NovaVision Inc.	Bowling Green	Wood	5/23/11	8/30/11	Servicing
NPA Coatings, Inc.	Cleveland	Cuyahoga	6/26/95	4/1/96	Servicing

NS Metals, Inc.	Youngstown	Mahoning	3/27/95	11/13/98	Servicing
NuGrowth Solutions, LLC	Columbus	Franklin	1/25/10	1/25/11	Servicing
NVR, Inc.	Dayton	Montgomery	9/27/10	5/5/11	Servicing
Oakley Industries Sub Assembly Division, Inc.	Northwood	Wood	12/5/05	10/8/08	Closed
Oatey Co. & Affiliates et al.	Cleveland	Cuyahoga	5/20/02	9/12/05	Servicing
Ochs Industries, Inc.	Vandalia	Montgomery	3/30/98	4/22/99	Terminated without Clawback
Odyssey Consulting Services, Inc.	Columbus	Franklin	4/29/02	3/13/03	Closed
OEConnection LLC	Richfield	Summit	3/31/03	3/31/08	Servicing
OfficeMax, Inc. et al.	Highland Hills	Cuyahoga	4/27/98	1/5/00	Terminated without Clawback
OfficeMax, Inc. & OfficeMax Corp. et al.	Beachwood	Cuyahoga	9/25/95	1/6/00	Terminated with Clawback
OH&R Special Steels Co. dba Timken Latrobe Steel D	Vienna	Trumbull	4/24/00	2/27/02	Terminated without Clawback
Ohio Basic Minerals, LLC	Liberty Township	Jackson	7/28/08	5/3/10	Servicing
Ohio Casualty Corporation	Fairfield	Butler	10/26/98	8/21/06	Closed
Ohio Coatings Company	Yorkville	Belmont	9/26/94	5/19/95	Servicing
Ohio Financial Group, Ltd.	Cincinnati	Hamilton	4/29/02	6/30/03	Terminated without Clawback
Ohio Galvanizing Corporation	Bowling Green	Wood	12/5/94	1/10/97	Servicing
Ohio Metal Technologies, Inc.	Hebron	Licking	3/25/96	12/1/96	Servicing
Ohio National Financial Services, Inc.	Cincinnati	Hamilton	1/22/01	4/9/03	Servicing
Ohio Precious Metals, LLC	Jackson	Jackson	12/3/01	1/13/11	Servicing
Ohio Screw Products, Inc.	Elyria	Lorain	10/29/01	12/28/01	Terminated without Clawback
Oldcastle APG Midwest, Inc.	Sheffield Lake	Lorain	6/28/04	1/28/09	Closed
Oldcastle Glass, Inc.	Wauseon	Fulton	5/21/01	9/5/03	Terminated without Clawback
Olympic Steel, Inc.	Bedford	Cuyahoga	5/24/93	9/1/95	Servicing
Olympic Steel, Inc.	Dover	Tuscarawas	6/30/08	6/10/09	Terminated without Clawback
Omya Inc. et al.	Blue Ash	Hamilton	10/29/07	11/24/10	Servicing
O'Neil & Associates, Inc.	Miamisburg	Montgomery	12/3/01	3/29/02	Terminated without Clawback
Ontario Systems, LLC	Paint Township	Holmes	10/31/05	5/23/08	Terminated without Clawback
Opticon Medical Inc.	Dublin	Union	7/13/98	8/11/99	Terminated without Clawback
Optimum Technology, Inc.	Columbus	Franklin	7/31/06	10/30/07	Terminated without Clawback
ORC ProTel, Inc.	Dayton	Montgomery	9/27/99	12/13/01	Terminated without Clawback
OSCO Industries, Inc.	New Boston	Scioto	10/23/95	8/31/01	Servicing
Otto Konigslow Mfg., Co., The	Cleveland	Cuyahoga	1/23/95	12/11/96	Terminated without Clawback
Ovation Polymer Technology & Engineered Materials	Medina	Medina	12/6/04	6/28/10	Servicing
Overdrive	Garfield	Cuyahoga	7/26/10	1/5/11	Servicing
Owens Corning	Medina	Medina	7/1/94	11/25/02	Terminated without Clawback
Owens Corning	Mount Vernon	Knox	10/25/93	12/9/02	Terminated without Clawback
Owens-Brockway Glass Container Inc.	Zanesville	Muskingum	1/31/11	4/8/11	Servicing
Owens-Brockway Glass Container Inc. et al.	Perrysburg	Wood	7/26/10	2/4/11	Servicing
P & J Industries, Inc.	Toledo	Lucas	12/7/98	8/29/01	Terminated without Clawback
P. E. Black Corporation	Holland	Lucas	3/28/94	7/14/95	Terminated without Clawback

PAC Worldwide Corporation	Middletown	Butler	2/23/09	10/7/09	Servicing
Paccar, Inc.	Green Township	Ross	9/22/97	10/19/99	Servicing
Pacific Manufacturing Ohio, Inc.	Fairfield	Butler	7/26/99	8/26/05	Servicing
Pactiv Corporation	Columbus	Franklin	3/28/11	8/11/11	Servicing
Pakmark, LLC	Vandalia	Montgomery	4/27/09	1/20/11	Servicing
Parcel Direct, LP	Grove City	Franklin	5/22/00	5/26/04	Terminated with Clawback
Park Place Technologies, LLC	Chagrin Falls	Geauga	1/31/11	5/26/11	Servicing
Park Poultry, Inc.	Canton	Stark	3/28/94	4/14/99	Closed
Parker-Hannifin Corporation	Ravenna	Portage	5/23/94	5/24/95	Servicing
Parker-Hannifin Corporation	Lewisburg	Preble	6/26/95	12/15/04	Servicing
Parker-Hannifin Corporation	Mentor	Lake	1/25/10	2/16/11	Servicing
Parker-Hannifin Corporation	Eastlake	Lake	12/8/97	3/11/05	Terminated with Settlement
Parker-Hannifin Corporation	Metamora	Auglaize	2/26/96	11/1/96	Terminated without Clawback
Parker-Hannifin Corporation	Wadsworth	Medina	9/28/98	6/16/99	Terminated without Clawback
Park-Ohio Industries, Inc.	Euclid	Cuyahoga	9/25/95	3/12/01	Servicing
PAS Technologies Inc.	Hillsboro	Highland	5/23/11	7/29/11	Servicing
PatentHEALTH , LLC et al.	Plain Township/Massillon /Jackson Township	Stark	9/3/04	12/17/09	Servicing
PatentHEALTH , LLC et al.	Massillon	Stark	10/29/07	6/5/08	Terminated without Clawback
Patheon Pharmaceuticals Inc.	Cincinnati	Hamilton	2/24/03	3/28/07	Servicing
Patrick Products, Inc.	Leipsic	Putnam	12/6/99	7/9/01	Servicing
Paycor, Inc.	Cincinnati	Hamilton	6/25/01	4/17/06	Servicing
Payless Shoesource Distribution, Inc.	Brookville	Montgomery	5/29/07	5/9/08	Servicing
PBM Covington, LLC	Covington	Miami	3/30/09	9/13/09	Servicing
PC Mall, Inc.	Orange Township	Delaware	4/28/97	9/18/01	Terminated without Clawback
PCC Airfoils, Inc.	Mentor	Lake	1/22/96	8/19/03	Servicing
PCC Airfoils, Inc.	Minerva	Carroll	9/22/97	7/10/98	Terminated without Clawback
PCC Airfoils, LLC	Painsville	Lake	10/29/07	5/2/08	Servicing
PCMS Datafit Inc.	Springdale	Hamilton	6/30/08	11/16/09	Servicing
Peak Foods, LLC	Troy	Miami	12/6/99	7/25/06	Servicing
Peak Performance Solutions, Inc.	Commercial Point	Pickaway	10/31/05	6/5/06	Terminated without Clawback
Peerless Machinery Corp.	Sidney	Shelby	6/24/02	5/21/10	Closed
Peerless Technologies Corporation	Fairborn	Greene	9/28/09	3/11/10	Servicing
PEL Technologies, LLC	Canton	Stark	6/25/01	10/5/01	Terminated with Clawback
Pepsi-Cola General Bottlers of Ohio, Inc.	Toledo	Lucas	10/27/08	6/25/09	Servicing
Pepsi-Cola General Bottlers, Inc.	Toledo	Lucas	2/26/96	7/2/97	Servicing
PEQ Services + Solutions, Inc.	Miamisburg	Montgomery	3/26/07	6/19/08	Servicing
PETsMART, Inc.	Columbus	Franklin	9/27/99	10/15/01	Terminated without Clawback
PF Polymers, LLC	Lima	Allen	10/26/09	11/24/10	Servicing
PH Group Inc.	Columbus	Franklin	10/26/98	3/20/00	Terminated without Clawback
PharmaForce, Inc.	Hilliard	Franklin	9/27/04	2/11/08	Servicing
PharmaForce, Inc.	New Albany	Franklin	8/25/08	12/9/11	Servicing
Phillips Manufacturing L. C.	Niles	Trumbull	7/13/98	4/5/04	Servicing

Phoenix International	Cincinnati	Hamilton	10/24/94	9/7/95	Terminated with Clawback
Phoenix Steel Service, Inc.	Cleveland	Cuyahoga	7/26/04	5/6/05	Servicing
Phygen Coatings, Inc.	Springfield	Clark	2/23/09	2/9/10	Servicing
PIM-Tech North America	Brunswick	Medina	2/7/00	8/15/01	Terminated without Clawback
Pinnacle Data Systems, Inc.	Groveport	Franklin	2/22/99	3/7/00	Closed
Pinnacle Data Systems, Inc.	Groveport	Franklin	7/31/06	11/27/07	Servicing
Plaskolite, Inc.	Columbus	Franklin	8/15/94	5/2/95	Servicing
Plaskolite, Inc.	Zanesville	Muskingum	9/27/99	7/25/00	Servicing
Plastic Recycling Technology II, Inc.	Van Wert	Van Wert	2/28/05	6/16/11	Servicing
Plastic Recycling Technology Inc.	Spring Creek Township	Miami	4/30/07	9/15/11	Servicing
Plastic Technologies, Inc.	Holland	Lucas	3/25/96	12/27/96	Closed
Plastpro 2000, Inc. et al.	Ashtabula	Ashtabula	12/9/02	8/7/06	Servicing
Plymouth Foam Pacemaker	Wayne Township	Stark	12/8/97	4/14/99	Terminated without Clawback
PMCo L.L.C.	Cincinnati	Hamilton	8/26/02	7/11/03	Terminated without Clawback
PMX Ohio Corporation dba PMX Industries, Inc.	Euclid	Cuyahoga	1/23/95	12/7/95	Terminated without Clawback
Pneumatic Scale Corporation	Stow	Summit	10/25/10	9/25/11	Servicing
Polar Minerals, Inc.	Wellsville	Columbiana	6/28/99	7/3/01	Terminated without Clawback
Pole/Zero Acquisition, Inc.	Union Township	Butler	6/23/97	4/9/03	Closed
Pole/Zero Acquisition, Inc.	West Chester Township	Butler	12/6/04	11/8/10	Closed
Poly-Foam International, Inc.	Fremont	Sandusky	12/6/99	1/4/01	Terminated without Clawback
Polymer Technologies & Services, Inc.	Heath	Licking	2/25/02	9/27/05	Terminated without Clawback
PolyOne Corporation	Avon Lake	Lorain	3/29/10	8/11/11	Servicing
PolyOne Corporation	Massillon	Stark	10/26/98	11/14/01	Terminated without Clawback
Powdermet, Inc.	Euclid	Cuyahoga	5/20/02	6/8/04	Servicing
PPG Industries, Inc.	Sharonville	Perry	9/27/99	2/5/02	Closed
PPG Industries, Inc.	Euclid	Cuyahoga	5/20/02	8/20/09	Closed
PPG Industries, Inc.	Miami Township	Clermont	12/3/07	7/16/08	Terminated without Clawback
PPS Holding, LLC	Cincinnati	Hamilton	1/31/11	9/8/11	Servicing
PR Newswire Association LLC	Cleveland	Cuyahoga	3/27/06	11/14/08	Servicing
Pratt Industries dba Jet Corr, Inc.	German Township	Clark	9/27/99	6/9/00	Terminated without Clawback
Precision Strip Inc.	Kenton	Hardin	12/5/94	10/17/95	Servicing
Precision Strip, Inc.	Perrysburg	Wood	6/24/02	3/18/04	Closed
Precision Strip, Inc.	Minster	Auglaize	12/4/95	10/7/96	Servicing
Premix, Inc.	North Kingsville	Ashtabula	3/25/96	10/6/04	Closed
Pressco Technology Inc.	Solon	Cuyahoga	7/27/09	8/25/10	Servicing
Primary Packaging Incorporated	Bolivar	Tuscarawas	8/14/95	8/6/96	Terminated without Clawback
Prism Powder Coatings, Ltd.	Medina	Medina	12/4/00	7/3/03	Terminated without Clawback
Process Plus, LLC	Cincinnati	Hamilton	12/6/99	1/8/03	Servicing
Production Products, Inc.	Columbus Grove	Putnam	9/3/04	9/14/11	Servicing
Progress Plastics Products, Inc.	Tiffin	Seneca	8/15/94	4/18/01	Closed
Progressive Foam Technologies, Inc.	Wayne Township	Stark	8/25/03	9/22/04	Servicing
Progressive Medical, Inc.	Westerville	Franklin	7/28/03	5/12/10	Servicing
Progressive RSC, Inc. et al.	Mayfield Village	Cuyahoga	12/8/97	4/3/09	Servicing
Progressive RSC, Inc. et al.	Mayfield Village	Cuyahoga	4/24/06	4/2/08	Terminated without Clawback

Progressive Stamping, Inc.	Ottoville	Putnam	12/7/98	2/16/05	Servicing
Projects Unlimited, Inc.	Vandalia	Montgomery	8/30/10	1/21/11	Servicing
Promax Automotive, Inc.	Cincinnati	Butler	4/26/99	2/20/01	Servicing
Pro-Tec Coating Company, Inc.	Leipsic	Putnam	1/27/97	11/27/97	Servicing
Pro-Tec Coating Company, Inc.	Leipsic	Putnam	9/27/10	6/28/11	Servicing
Punch Components, Incorporated	Lima	Allen	2/28/00	7/20/01	Terminated without Clawback
Q3 Stamped Metal, Inc.	Columbus	Franklin	10/23/95	8/23/96	Terminated without Clawback
QLS, Inc. dba Quadrel Labeling Systems, Inc.	Mentor	Lake	12/6/93	4/5/94	Terminated without Clawback
Quadax, Inc.	Middleburg Heights	Cuyahoga	4/30/07	5/1/09	Servicing
Quaker Chemical Corporation	Middletown	Butler	9/25/06	12/17/09	Servicing
Quality ElectroDynamics, LLC	Mayfield Village	Cuyahoga	12/6/10	2/9/11	Servicing
Quality Gold, Inc.	Fairfield	Butler	8/29/05	12/23/09	Servicing
Quality Mold, Inc.	Akron	Summit	1/25/99	5/19/04	Closed
Quality Supply Chain Co-Op, Inc.	Dublin	Franklin	3/29/10	2/4/11	Servicing
Quark Biotech, Inc.	Cleveland	Cuyahoga	4/30/01	1/18/02	Terminated with Clawback
Quasimoto Interactive Incorporated	Sharon Township	Medina	5/23/11	9/9/11	Servicing
Quest Software, Inc.	Dublin	Franklin	12/9/02	8/15/05	Servicing
Quicken Loans Inc.	Cleveland	Cuyahoga	12/5/05	6/13/11	Servicing
Quickstep Composites LLC	Dayton	Montgomery	9/28/09	8/25/10	Servicing
R E Rich Family Holding Corporation	Hilliard	Franklin	12/8/97	11/14/08	Servicing
R.A.S. Manufacturing Company	Youngstown	Mahoning	8/11/97	5/27/99	Servicing
R.B. Mfg. Co.	Sandusky	Erie	5/18/98	1/5/00	Closed
Ranpak Corporation	Painsville	Lake	1/22/96	8/16/00	Terminated without Clawback
RAPID MR International, LLC	Columbus	Franklin	7/31/06	12/20/07	Terminated without Clawback
Rassini Chassis Systems, LLC	Montpelier	Williams	6/25/01	6/21/10	Servicing
Ravens, Inc.	Kenton	Portage	4/25/94	10/19/99	Terminated without Clawback
Reading Rock, Incorporated	West Chester Township	Butler	4/24/06	5/17/10	Servicing
Reading Rock, Incorporated	West Chester Township	Butler	2/28/94	8/26/94	Terminated without Clawback
RealPage, Inc.	Deerfield Township	Warren	3/29/10	3/8/11	Servicing
Red Roof Inns, Inc.	Springfield	Clark	4/27/98	2/28/01	Terminated without Clawback
Red Roof Inns, Inc. et al.	City of Columbus	Franklin	10/29/07	2/27/09	Servicing
Reed Elsevier Inc. dba Lexis-Nexis	Miami Township	Montgomery	12/8/97	10/28/98	Closed
Reed Elsevier Inc. dba Lexis-Nexis	Springville	Clark	9/29/03	8/1/04	Servicing
Reese Brothers, Inc.	Steubenville	Jefferson	9/22/97	6/12/98	Terminated with Clawback
Reliant Capital Solutions, LLC.	Gahanna	Franklin	6/29/09	8/11/10	Servicing
Relizon Company, The	Dayton	Montgomery	2/26/01	8/13/03	Terminated without Clawback
Renosol Seating LLC	Hebron	Licking	6/28/99	5/9/01	Servicing
Republic Wire, Inc.	Union Township	Butler	8/11/97	4/11/02	Closed
Resource Ventures, Ltd.	Cincinnati	Hamilton	3/29/10	12/21/10	Servicing
Restoration Hardware, Inc.	West Jefferson	Madison	7/30/07	9/17/09	Servicing
Reuther-Leitner Fabrication, Ltd.	Medina	Medina	2/22/99	6/7/00	Terminated without Clawback
Revere Data, LLC	Youngstown	Mahoning	3/29/10	2/25/11	Servicing

Revere Plastics Systems, LLC	Clyde	Sandusky	12/5/05	9/21/09	Servicing
Reynolds and Reynolds Company, The	Kettering /Dayton	Montgomery	3/24/97	6/27/06	Closed
Reynolds and Reynolds Company, The	Celina	Mercer	12/4/00	1/8/02	Servicing
Rhenium Alloys, Inc. et al.	North Ridgeville	Lorain	2/28/11	8/30/11	Servicing
Riemeier Lumber Co.	Cincinnati	Hamilton	6/28/99	11/30/01	Terminated without Clawback
Rieter Automotive North America, Inc.	Oregon	Lucas	8/16/93	8/19/03	Servicing
Rieter Automotive North America, Inc.	Oregon	Lucas	2/26/07	5/23/08	Servicing
Rifle Machine Works, Inc.	Green Township	Ross	4/30/07	11/12/09	Servicing
RightThing, LLC	Findlay	Hancock	4/24/06	7/12/10	Servicing
Rimrock Corporation	Columbus	Franklin	6/27/11	8/5/11	Servicing
Rimrock Corporation	Columbus	Franklin	9/27/04	2/24/06	Terminated without Clawback
Ringwood Containers, L.P.	Sidney	Shelby	5/22/95	3/6/96	Closed
Rite Track Equipment Services, Inc.	West Chester Township	Butler	3/28/05	4/19/06	Terminated without Clawback
Rittal Corporation	Urbana	Champaign	2/22/99	2/21/01	Servicing
Rittal Corporation	Springfield	Clark	5/23/94	2/22/01	Servicing
Rittal Corporation	Urbana	Champaign	7/25/11	10/7/11	Servicing
Riverain Medical Group, LLC	Miamisburg	Montgomery	7/26/04	8/11/10	Servicing
Riverwood International Corporation	Cincinnati	Hamilton	8/27/01	2/28/03	Terminated with Clawback
RMI Titanium Company	Weathersfield Township	Trumbull	8/28/06	8/1/08	Terminated without Clawback
Roadway Express, Inc.	Toledo	Lucas	7/25/05	1/24/07	Closed
Roberds, Inc.	Fairborn	Greene	5/22/95	2/9/96	Terminated with Clawback
Robert Bosch Battery Systems LLC et al.	Springboro	Warren	10/28/02	9/3/06	Servicing
Robertson Heating Supply Co. of Ohio	Alliance	Stark	7/30/01	1/18/02	Terminated without Clawback
Rocky Brands, Inc.	Nelsonville	Athens	9/27/93	3/16/94	Terminated without Clawback
Rosenboom Machine & Tool, Inc.	Bowling Green	Wood	5/23/05	12/15/06	Closed
Rosenboom Machine & Tool, Inc.	Bowling Green	Wood	8/29/11	9/23/11	Servicing
Ross Environmental Services, Inc.	Elyria	Lorain	4/29/02	8/31/06	Servicing
Rotek Incorporated (Thyssenkrupp)	Aurora	Portage	3/31/08	12/14/09	Servicing
Roth Bros.	Youngstown	Mahoning	8/29/11	12/19/11	Servicing
Roxane Laboratories, Inc. et al.	Columbus	Franklin	4/29/02	12/8/10	Servicing
Roxane Laboratories, Inc. et al.	Columbus	Franklin	7/1/94	4/2/08	Terminated without Clawback
RRR Development Company, Inc.	Canton	Stark	7/29/02	2/16/05	Servicing
Rubberset Company, The	Deshler	Henry	12/9/96	11/4/99	Terminated without Clawback
Rumpke of Ohio, Inc.	Ironton	Pickaway	7/25/05	5/1/09	Servicing
RxBazaar.com	Forest Park	Hamilton	6/25/01	10/1/01	Terminated without Clawback
S&P Data Ohio, LLC	Cleveland	Cuyahoga	10/27/08	7/21/11	Servicing
S&S Glass Specialties, Inc.	Wauseon	Fulton	1/23/95	11/21/95	Terminated with Clawback
S. K. Tech, Inc.	Englewood	Montgomery	4/29/02	4/5/04	Servicing
S.K. Wellman Corp.	Brook Park	Cuyahoga	9/25/95	5/9/96	Terminated with Clawback
Saeco USA, Inc.	Glenwillow	Cuyahoga	8/25/03	6/21/05	Servicing
Safe Auto Insurance Company et al.	Columbus/Whitehall	Franklin	7/25/05	3/25/10	Servicing

Safe Auto Services, Inc. et al.	Columbus	Franklin	12/9/02	2/3/10	Terminated without Clawback
Safecor Health, LLC	City of Columbus	Franklin	3/29/10	3/31/11	Servicing
Safelite Glass Corp. et al.	Columbus	Franklin	3/30/98	3/5/08	Servicing
Safety Today, Inc.	Groveport	Franklin	2/26/01	11/8/02	Terminated without Clawback
Saint-Gobain Ceramics & Plastics, Inc.	Troy Township	Portage	9/24/07	7/30/08	Terminated without Clawback
Samuel Strapping Systems, Inc.	Heath	Licking	3/27/06	6/25/08	Servicing
Sandridge Food Corporation	Medina	Medina	8/31/09	3/11/10	Servicing
Sanoh America Inc.	Archbold	Fulton	1/25/10	1/24/11	Servicing
Sanoh America, Inc.	Mount Vernon	Knox	7/28/08	3/23/10	Servicing
Sara Lee Corporation et al.	Blue Ash	Hamilton	2/26/01	5/7/07	Terminated with Settlement
SAS Automation, Ltd.	Xenia	Greene	8/12/96	3/31/99	Terminated without Clawback
Sauder Woodworking Co.	Archbold	Fulton	9/28/98	3/11/05	Servicing
SB Capital Acquisitions LLC	Columbus	Franklin	10/31/11	12/19/11	Servicing
SBC Advertising, LTD.	Columbus	Franklin	3/26/07	12/9/08	Servicing
Schindler Elevator Corporation	Springfield Township	Lucas	10/29/07	6/16/11	Servicing
School Specialty, Inc.	Mansfield	Richland	5/23/94	2/22/01	Servicing
Schoolhouse Outfitters, LLC	Norwood	Hamilton	1/31/05	8/4/05	Servicing
Schwab Retirement Plan Services, Inc. et al.	Richfield	Summit	10/27/08	3/31/10	Servicing
SCI Engineered Materials, Inc.	Columbus	Franklin	7/26/10	9/2/11	Servicing
Science Applications International Corp	Beavercreek	Greene	2/28/11	8/22/11	Servicing
Science Applications International Corp	Springfield	Clark	2/28/11	8/23/11	Servicing
Scott Process Systems, Inc.	Hartville	Stark	3/31/08	6/14/10	Servicing
Seapine Software, Inc.	Mason	Warren	12/8/03	2/1/06	Servicing
Sears Logistics Services, Inc.	Columbus	Franklin	9/25/00	2/7/02	Terminated without Clawback
Sectional Die Company	Wellington	Lorain	12/9/96	12/22/97	Terminated without Clawback
Sectional Stamping, Inc.	Wellington	Lorain	12/4/95	12/30/97	Servicing
Secure Interiors, Inc.	Columbus	Franklin	9/24/01	1/2/02	Terminated without Clawback
Sedgwick Claims Management Services, Inc.	Hilliard/Dublin	Franklin	12/3/07	6/25/09	Servicing
seepex Inc.	Mad River Township	Clark	3/28/11	8/19/11	Servicing
Seilkop Industries, Inc.	Cincinnati	Hamilton	7/25/11	9/29/11	Servicing
Sekely Industries, Inc.	Salem	Columbiana	5/22/95	2/12/96	Terminated without Clawback
Sekuworks LLC	Harrison	Hamilton	6/28/04	6/8/05	Terminated without Clawback
Select International Corp.	Dayton	Montgomery	3/26/01	12/12/01	Terminated without Clawback
Select-Arc, Inc.	Ft. Loramie	Shelby	3/25/96	6/4/97	Closed
Select-Arc, Inc.	Ft. Loramie	Shelby	9/25/06	10/12/07	Servicing
SelectTech Services Corporation	Springfield	Clark	10/27/08	11/25/09	Servicing
Sensory Effects Powder Systems, Inc.	Defiance	Defiance	1/25/10	10/21/11	Servicing
Sensus, LLC	Hamilton	Butler	12/8/03	11/14/08	Terminated without Clawback
SEOIL Industrial USA, Inc.	Zanesville	Muskingum	2/7/00	9/15/03	Closed
SETEX, Inc.	St. Marys	Auglaize	6/25/01	11/19/01	Servicing
SFS intec Inc.	Medina	Medina	5/24/99	11/4/03	Servicing

Shaklee U.S., Inc. et al.	Groveport	Franklin	8/28/00	10/5/01	Closed
Shearer's Foods, LLC	Massillon	Stark	1/28/08	2/3/10	Servicing
Sheffield Metals International, Inc.	Sheffield Village	Lorain	1/26/98	4/4/01	Terminated without Clawback
Sherwin-Williams Company	Warrensville Heights	Cuyahoga	4/24/00	11/24/10	Servicing
Sherwin-Williams Company, The	Cleveland	Cuyahoga	9/26/11	12/19/11	Servicing
Showa Aluminum Corp. of America	Mt. Sterling	Madison	12/8/97	2/25/99	Closed
Siemens Automotive Corporation	Ft. Shawnee	Allen	8/11/97	2/8/99	Terminated with Clawback
Sigma US Industries Inc.	Jefferson	Ashtabula	3/31/03	2/26/04	Terminated without Clawback
SigmaTek Systems LLC	Cincinnati	Hamilton	6/28/04	12/8/10	Servicing
Signature, Inc.	Dublin	Franklin	8/25/03	5/6/05	Terminated without Clawback
Silgan Plastics Corporation	Ottawa	Putnam	6/28/10	1/24/11	Servicing
Silver Line Building Products, LLC	Marion	Marion	4/30/01	3/17/10	Servicing
Simonton Building Products, Inc.	Columbus	Franklin	2/28/11	9/15/11	Servicing
Skilcraft Security Equipment Corporation	Cincinnati	Hamilton	8/14/95	1/29/96	Terminated without Clawback
Skill Tool & Die Corp.	Avon	Allen	9/28/98	6/29/04	Servicing
Sky Climber, LLC	Delaware	Delaware	12/4/06	6/10/09	Servicing
Skybus Airlines, Inc.	Columbus	Franklin	10/30/06	6/13/07	Terminated without Clawback
Smart IT Staffing LLC	Cincinnati	Hamilton	9/27/10	4/20/11	Servicing
SmartPipes, Inc.	Dublin	Franklin	4/24/00	11/5/04	Closed
Smiths Medical	Dublin	Franklin	10/31/05	10/8/08	Servicing
SMV America	Twinsburg	Summit	6/26/95	11/25/97	Terminated with Clawback
Solartec, Inc.	Salem	Columbiana	5/22/95	1/22/96	Terminated without Clawback
Solutions Manufacturing, Inc.	Huron	Erie	4/30/01	8/29/03	Terminated without Clawback
Sonoco Products Company	Columbus	Franklin	1/22/07	5/9/08	Servicing
Southeastern Container, Inc.	Bowling Green	Wood	7/13/98	2/2/00	Servicing
Spartech Polycom, Inc.	Greenville	Darke	1/30/06	2/27/09	Servicing
Sparton Medical Systems, Inc.	Strongsville	Cuyahoga	6/24/02	6/18/10	Servicing
Spear USA, LLC	Mason	Warren	6/29/09	3/17/10	Servicing
Specialty Magnetics LLC	Macedonia	Summit	12/7/09	1/7/11	Servicing
Specialty Retailers, Inc.	Jeffersonville	Fayette	7/30/07	6/10/09	Servicing
Spectral Systems, Inc.	Dayton	Greene	1/31/05	7/25/06	Terminated with Clawback
Speed FC, Inc.	Etna Township	Licking	6/25/07	2/27/09	Servicing
Speedway SuperAmerica LLC	Enon	Hancock	7/13/98	11/7/00	Servicing
Sperian Protection Americas, Inc.	Grove City	Franklin	8/25/03	7/8/09	Servicing
Spintech Ventures, LLC	Xenia	Greene	10/25/10	9/23/11	Servicing
Spirea Microelectronics, LLC	Dublin	Franklin	2/25/02	8/27/02	Terminated without Clawback
Spotlight Solutions, Inc.	Mason	Warren	7/31/00	8/16/02	Terminated without Clawback
Sprint United Management Company	Sharonville	Hamilton	6/23/97	12/21/01	Closed
SSOE, Inc.	Toledo	Lucas	7/31/06	8/30/07	Servicing
Staffmark Holdings, Inc.	Cincinnati	Hamilton	11/1/04	2/1/10	Servicing
Stahl	Cardington	Morrow	12/8/97	10/22/98	Terminated without Clawback
Stanley Steemer International, Inc.	Dublin	Franklin	9/28/09	3/8/10	Servicing
Staples Contract and Commercial, Inc.	London	Madison	5/22/00	9/12/01	Servicing

Steel Technologies, Inc.	Ottawa	Putnam	4/28/03	7/30/04	Terminated without Clawback
Steeltech Fabrication, Inc.	Toledo	Lucas	9/25/95	6/7/96	Terminated without Clawback
STERIS Corporation et al.	Mentor	Lake	7/1/94	9/21/00	Servicing
STERIS Corporation et al.	Mentor	Lake	12/8/03	8/29/06	Servicing
Sterling Commerce (America), Inc.	Dublin	Franklin	12/9/96	2/24/06	Closed
Sterling Pipe & Tube Inc.	Toledo	Lucas	3/24/97	9/27/05	Servicing
Steve & Barry's University Sportswear	Columbus	Franklin	7/25/05	3/3/06	Servicing
Stevenson Photo Color Company, Inc., The	Cincinnati	Hamilton	5/24/99	12/19/01	Terminated without Clawback
Stillwater Technologies, Inc.	Troy	Miami	2/27/95	10/17/95	Closed
Stock Manufacturing & Design Co., Inc.	Cleves	Hamilton	6/30/03	12/11/03	Terminated without Clawback
Streamline Health, Inc.	Blue Ash	Hamilton	12/7/09	12/21/10	Servicing
Stride Tool Inc.	Chagrin Falls	Geauga	5/24/04	7/12/10	Servicing
SubmitOrder, Inc.	Lewis Center	Delaware	2/7/00	3/16/01	Terminated with Clawback
SubmitOrder, Inc.	Groveport	Franklin	9/27/99	3/28/01	Terminated with Clawback
SubmitOrder, Inc.	Dublin	Franklin	2/28/00	4/6/01	Terminated with Clawback
Suburban Steel Supply Company, LLC et al.	Columbus	Franklin	9/29/03	5/27/05	Terminated without Clawback
Sugar Creek Packing Co.	Dayton	Montgomery	3/29/10	1/21/11	Servicing
Sugar Creek Packing Co.	West Chester Township	Butler	3/29/10	1/21/11	Servicing
Sumco Phoenix Corporation	Hamilton Township	Warren	10/27/03	7/30/04	Terminated with Clawback
Sumina Industries, Inc.	Cleveland	Cuyahoga	3/30/98	8/3/00	Terminated without Clawback
Sun Chemical Corporation	Cincinnati	Hamilton	4/27/98	11/10/03	Closed
Sun Chemical Corporation	Cincinnati	Hamilton	3/28/05	1/23/06	Servicing
Sunny Delight Beverages Company, Inc.	Cincinnati	Hamilton	6/28/04	12/9/11	Servicing
Sunpower, Inc.	Athens	Athens	4/26/99	4/29/05	Closed
Sunstar Engineering Americas Inc.	Franklin	Warren	3/27/00	6/9/10	Closed
Superior Die Tool & Machine Company	Columbus	Franklin	8/25/03	3/23/06	Terminated without Clawback
Superior Kraft Homes, LLC	Waverly	Pike	9/3/04	6/8/05	Terminated without Clawback
Superior Label Systems, Inc.	Mason	Warren	3/22/93	1/7/99	Terminated without Clawback
Superior Walls of Ohio, Inc.	Cincinnati	Trumbull	2/28/00	4/17/02	Terminated without Clawback
Superior Walls of the Tri-State, LLC	Lebanon	Warren	8/26/02	7/8/09	Servicing
SuperTrapp Industries, Inc.	Cleveland	Cuyahoga	12/6/93	5/9/94	Servicing
SUPERVALU Holdings, Inc.	Xenia	Greene	8/14/95	7/3/96	Servicing
SUREnergy, LLC	Port Clinton	Ottawa	5/24/10	2/16/11	Servicing
Sutphen Corporation	German Township	Clark	5/19/08	9/17/10	Servicing
Swapalease, Inc.	Cincinnati	Hamilton	1/22/01	5/30/01	Terminated without Clawback
Taiho Corp. of America	Tiffin	Seneca	5/22/95	5/4/06	Servicing
Takumi Stamping Inc.	Wilmington	Butler	8/27/01	4/20/04	Servicing
Talan Products, Inc.	Cleveland	Cuyahoga	7/25/05	3/8/10	Servicing
Target Corporation	West Jefferson	Madison	8/26/02	7/6/11	Servicing
Tastemorr, Inc. (aka Basic Grain Products, Inc.)	Coldwater	Mercer	7/1/94	12/15/99	Closed

Tata America International Corporation et al.	Miami Township	Clermont	9/24/07	11/4/10	Servicing
Tata Business Support Services Limited, Inc.	Marietta Township	Washington	6/26/06	12/9/08	Servicing
Taylor & Smith Inc., dba J. Marco Galleries	Seville	Medina	6/25/01	7/9/04	Terminated without Clawback
Taylor Steel, Inc.	Warrensville Heights	Trumbull	10/24/94	5/9/95	Servicing
TBC Retail Group, Inc.	Obetz	Franklin	2/23/09	4/12/10	Servicing
Technical Consumer Products, Inc.	Johnstown	Portage	1/30/06	5/26/06	Servicing
Technical Rubber Company, Inc.	Johnstown	Licking	12/4/00	7/24/01	Terminated without Clawback
Technifab Engineered Products, Inc.	Avon	Lorain	12/5/94	4/11/97	Terminated without Clawback
Technographics, Inc.	Wooster	Wayne	4/28/03	5/17/07	Servicing
Technoform Glass Insulation North America, Inc.	Twinsburg Township	Summit	12/5/05	5/1/09	Servicing
Tekfor, Inc.	Wooster	Wayne	12/4/00	10/19/01	Servicing
Tekmar Company	Cincinnati	Hamilton	8/14/95	1/12/96	Terminated without Clawback
Tekni-Plex, Inc.	Holland	Lucas	12/6/10	10/19/11	Servicing
Telamon Corporation	Columbus	Franklin	12/7/09	5/6/11	Servicing
Teledyne Technologies, Inc.	Brecksville	Cuyahoga	1/23/95	3/6/96	Terminated without Clawback
Telling Industries, LLC et al.	Cambridge	Guernsey	11/1/04	4/4/06	Servicing
Telsource Corporation	Strongsville	Cuyahoga	8/28/00	11/21/01	Terminated without Clawback
Tendasoft, Inc.	Van Wert	Van Wert	12/5/94	6/28/95	Terminated without Clawback
Tenneco Automotive Operating Co. Inc.	KEttering	Montgomery	12/3/07	5/2/08	Servicing
Teva Women Health, Inc.	Cincinnati	Hamilton	9/30/02	12/14/10	Servicing
Textileather Corp.	Toledo	Lucas	2/27/95	9/19/95	Terminated without Clawback
TFO Tech Co., Ltd.	Jeffersonville	Fayette	10/30/00	8/2/02	Servicing
TH Plastics, Inc.	Findlay	Hancock	6/29/09	11/25/09	Servicing
Thakar Aluminum Corporation	Plain Township	Stark	2/25/02	2/16/05	Servicing
Thaler Machine Co.	Springboro	Warren	9/28/09	3/18/11	Servicing
The Andersons, Inc.	Lima	Allen	2/22/93	4/14/98	Closed
The Andersons, Inc.	Greenville	Darke	9/25/06	2/12/10	Servicing
The Boeing Company, Guidance Repair Center	Heath	Licking	1/31/05	3/16/06	Terminated without Clawback
The Brickman Group LTD LLC	New Albany	Franklin	5/23/11	8/30/11	Servicing
The C.J. Krehbiel Company	Fairfax	Hamilton	9/27/99	4/25/01	Terminated without Clawback
The Caldor Corporation	North Ridgeville	Lorain	5/23/94	12/2/94	Terminated with Clawback
The D. S. Brown Company	North Baltimore	Wood	2/27/06	7/8/09	Servicing
The Dannon Company, Inc.	Minster	Auglaize	4/25/11	10/21/11	Servicing
The Excello Specialty Company	Macedonia	Summit	5/20/96	7/6/99	Terminated with Clawback
The Garden City Group, Inc.	Dublin	Franklin	10/31/05	3/3/06	Closed
The Gradall Orrville Company	Orrville	Wayne	12/7/98	4/11/00	Terminated without Clawback
The James B. Oswald Company	Cleveland	Cuyahoga	1/25/10	1/7/11	Servicing
The James Group, LLC	Worthington	Franklin	5/22/06	11/27/07	Servicing
The Kroger Co.	Delaware	Delaware	1/28/02	6/27/06	Servicing
The Kroger Co.	Cincinnati	Hamilton	10/27/03	6/12/08	Servicing
The Lawson Company	Hudson	Summit	8/12/96	9/5/97	Terminated with Clawback

The Mead Corporation	Chillicothe	Ross	2/23/98	7/13/98	Terminated without Clawback
The Procter & Gamble Company	Cincinnati	Hamilton	4/26/10	2/16/11	Servicing
The Sabin Robbins Paper Company	Mansfield	Richland	5/19/97	2/17/98	Servicing
The Schnipke Engraving Company	Ottoville	Putnam	12/6/99	10/2/00	Closed
The Scotts Company LLC	Marysville	Union	9/27/99	1/18/02	Servicing
The Scotts Company LLC	Marysville	Union	7/27/09	12/15/10	Servicing
The Scotts Company LLC	Orrville	Wayne	7/27/09	10/3/11	Servicing
The Step2 Company, LLC	Perrysville	Ashland	3/27/95	1/16/97	Servicing
The Timberland Company	Grove City	Franklin	4/24/95	11/1/95	Terminated with Clawback
The TJX Companies, Inc.	New Albany	Franklin	5/24/10	2/25/11	Servicing
The Will-Burt Company	Orrville	Wayne	4/24/95	1/10/96	Terminated without Clawback
The Zucker Building Company et al.	Hebron	Licking	9/28/09	2/2/11	Servicing
Theken Spine, LLC	Medina	Medina	4/26/10	9/13/11	Servicing
ThermaFab Alloy, Inc.	Cleveland	Cuyahoga	3/26/07	8/27/08	Terminated without Clawback
Thermagon, Inc.	Cleveland	Cuyahoga	6/24/96	3/24/00	Closed
Therma-Tru Corporation	Maumee	Lucas	7/26/04	5/2/06	Servicing
Thermo Fisher Scientific Ashville, LLC	Marietta	Washington	12/7/09	5/23/11	Servicing
think3, Inc.	Cincinnati	Hamilton	8/25/03	2/26/04	Terminated without Clawback
Thirty-One Gifts LLC	Johnstown	Licking	4/27/09	10/28/09	Servicing
THK Manufacturing of America, Inc.	Hebron	Licking	8/11/97	10/29/98	Servicing
ThorWorks Industries, Inc.	Sandusky	Erie	3/27/06	8/27/08	Terminated without Clawback
Three D Metals, Inc.	Liverpool Township	Medina	1/26/98	4/6/99	Terminated without Clawback
ThyssenKrupp Bilstein of America, Inc.	Hamilton	Butler	12/5/94	3/27/08	Servicing
ThyssenKrupp Bilstein of America, Inc.	Hamilton	Butler	9/24/01	3/27/08	Servicing
TigerPoly Mfg., Inc.	Grove City	Franklin	12/7/98	11/15/00	Closed
TigerPoly Mfg., Inc.	Grove City	Franklin	6/26/06	3/28/07	Servicing
TimberTech Limited	Wilmington	Clinton	2/7/00	6/2/05	Servicing
Time Warner Entertainment Company, LP	Columbus	Franklin	8/29/05	6/25/09	Servicing
Tire Discounters, Inc.	Sharonville	Hamilton	4/25/11	12/9/11	Servicing
Toagosei America, Inc.	West Jefferson	Madison	8/16/93	10/22/93	Servicing
Toledo Molding & Die, Inc. et al.	Washington Township	Allen	4/25/94	6/26/01	Closed
Toledo Molding & Die, Inc. et al.	Toledo	Lucas	4/26/93	6/6/01	Servicing
Toledo Molding & Die, Inc. et al.	Toledo	Lucas	10/24/94	6/26/01	Servicing
Toledo Molding & Die, Inc. et al.	Bowling Green	Wood	9/28/98	6/26/01	Servicing
Toledo Molding & Die, Inc. et al.	Toledo	Lucas	5/23/05	1/23/06	Servicing
Toledo Molding & Die, Inc. et al.	City of Tiffin	Seneca	12/9/02	2/21/06	Servicing
Toledo Technologies	Toledo	Lucas	4/25/94	5/1/95	Terminated with Clawback
Torque-Traction Integration Technologies LLC	Toledo	Lucas	6/27/05	5/1/09	Servicing
Total Packaging Solutions, LLC	Miamisburg	Montgomery	6/29/09	3/1/10	Servicing
Total Quality Logistics, Inc. et al.	Milford	Clermont	6/30/03	2/16/05	Terminated without Clawback

totes Isotoner Corporation	Union Township	Hamilton	9/22/97	7/21/00	Servicing
Touch Bionics Inc.	Hilliard	Franklin	3/30/09	12/2/11	Servicing
Tower Automotive Products Company, Inc.	Bellevue	Huron	8/11/97	7/16/98	Terminated without Clawback
TPI Composites, LLC	Springfield	Clark	10/30/06	11/28/08	Servicing
TPUSA, Inc.	Columbus	Franklin	8/25/03	7/25/06	Terminated without Clawback
Trader Publishing Company	Miamisburg	Montgomery	3/28/94	8/3/94	Closed
Transco Railway Products, Inc.	Toledo	Lucas	10/24/94	2/2/95	Servicing
TransDigm, Inc.	Richmond Heights	Cuyahoga	1/24/94	5/18/95	Terminated without Clawback
Transeo Global Vehicle Solutions LLC	New Carlisle	Clark	12/3/07	2/27/09	Servicing
Transilwrap Company, Inc.	Strongsville	Cuyahoga	12/7/98	10/30/01	Terminated without Clawback
Tremcar U.S.A., Inc.	Strasburg	Tuscarawas	6/27/05	3/8/11	Terminated without Clawback
Trim Systems, LLC	Chillicothe	Ross	7/1/94	8/3/01	Servicing
Trinity Industries, Inc.	Mount Orab	Brown	8/16/93	5/2/95	Terminated with Clawback
Triplefin LLC	Blue Ash	Hamilton	7/25/11	11/22/11	Servicing
Triplett Corporation	Bluffton	Allen	12/8/97	4/14/99	Terminated without Clawback
TRW Inc.	Toledo	Lucas	12/7/98	5/10/01	Terminated without Clawback
TS Tech USA Corporation & TS Tech North America, Inc.	Reynoldsburg	Franklin	1/23/95	5/28/98	Servicing
TSS Aviation, Inc.	Sharonville	Hamilton	8/31/09	8/11/10	Servicing
TSS Technologies, Inc.	West Chester Township	Butler	9/25/06	6/12/08	Terminated without Clawback
TT Electronics ims	Perry	Lake	9/25/95	12/15/05	Servicing
Turbine Standard, LTD. et al.	Swanton Township/Springfield Township	Lucas	6/29/09	5/5/11	Servicing
Turning Technologies, LLC	Youngstown	Mahoning	5/19/08	1/13/11	Servicing
Tween Brands Service Co.	Pataskala	Licking	10/30/00	1/27/04	Servicing
Tween Brands Service Co.	New Albany	Franklin	10/30/00	11/1/10	Servicing
U.S. Bank, National Association	Cincinnati	Hamilton	1/25/10	8/12/11	Servicing
U.S. Bank, National Association et al.	Cincinnati	Hamilton	6/27/05	3/9/06	Terminated without Clawback
U.S. Corrugated, Inc.	Lancaster	Fairfield	2/25/08	5/29/09	Servicing
U.S. Cotton, LLC	Cleveland	Cuyahoga	12/6/10	5/16/11	Servicing
U.S. Foodservice, Inc. (FKA: Alliant Foodservice)	Cincinnati	Butler	1/26/98	7/24/98	Servicing
U.S. Refractory Products LLC	North Ridgeville	Lorain	10/25/10	3/18/11	Servicing
Ultimate Systems, Ltd.	Delphos	Allen	6/26/00	11/19/01	Terminated without Clawback
Ultra Premium Oilfield Services, LTD	Brookfield Township	Trumbull	2/22/10	1/24/11	Servicing
Ultryx Corporation	Columbus	Delaware	1/22/01	8/29/01	Terminated without Clawback
Unigraphics Solutions, Inc.	Milford	Clermont	6/24/96	9/1/96	Closed
Union Corrugating Company	Piqua	Miami	2/23/04	5/2/06	Terminated without Clawback
Union Metal Corporation	Canton	Stark	5/24/93	3/18/98	Closed
Unique Salon Services, Inc.	Toledo	Lucas	5/19/97	8/6/98	Terminated without Clawback
United Fiberglass of America, Inc.	Springfield	Clark	12/6/99	10/9/02	Terminated without Clawback
United HealthCare Services, Inc.	Kettering	Montgomery	9/25/00	10/26/01	Terminated without Clawback

United Retirement Plan Consultants, Inc.	Dublin	Franklin	8/29/11	10/5/11	Servicing
United States Endoscopy Group, Inc.	Mentor	Lake	4/26/10	12/8/10	Servicing
United States Gypsum Company	Gypsum	Ottawa	8/11/97	4/16/98	Closed
United States Playing Card Company, The	Cincinnati	Hamilton	9/25/95	9/27/96	Terminated without Clawback
United States Steel Corporation	Lorain	Lorain	10/25/10	9/2/11	Servicing
United Tractor Co.	Twinsburg	Summit	12/7/98	4/11/00	Terminated without Clawback
Univenture, Inc.	Marysville	Union	4/26/04	7/12/10	Servicing
Universal Electronics, Inc.	Twinsburg	Summit	5/22/95	3/5/96	Terminated without Clawback
Universal Forest Products	Lodi	Butler	6/28/99	7/31/00	Closed
Universal Forest Products	Blanchester	Clinton	9/25/00	10/1/01	Closed
Universal Forest Products(Hamilton)	Hamilton	Butler	6/28/99	1/4/01	Closed
Unverferth Manufacturing Company, Inc.	Delphos	Van Wert	10/25/10	2/9/11	Servicing
UPS Supply Chain Solutions, Inc. et al.	Middleburg Heights	Cuyahoga	9/26/05	4/20/11	Servicing
US Yachiyo, Inc.	Marion	Marion	2/22/99	5/9/00	Servicing
USCO Logistics Services, Inc.	Port Clinton	Ottawa	8/12/96	6/5/98	Terminated without Clawback
USEC Inc.	Scioto Township	Pike	3/29/04	3/14/08	Servicing
USEC Inc.	Scioto Township	Pike	1/27/03	6/8/04	Terminated without Clawback
V & P Hydraulic Products, LLC	Delaware	Delaware	12/4/06	6/19/08	Servicing
Valeo Climate Control Corp.	Hamilton	Butler	12/9/96	12/19/97	Servicing
Valeo Climate Control Corp.	Hamilton	Butler	7/29/02	3/5/04	Servicing
Value City Department Stores, Inc et al.	Columbus	Franklin	12/4/00	5/16/02	Terminated without Clawback
Value Recovery Group, Inc. et al.	Columbus	Franklin	1/26/04	8/21/06	Servicing
ValueCare Pharmacy, LLC	Brecksville	Cuyahoga	2/26/07	5/1/09	Terminated without Clawback
Valve Finishing Company	Mentor	Lake	12/5/94	7/10/95	Terminated with Clawback
Van Dorn Demag Corporation	Strongsville	Cuyahoga	7/1/94	10/18/94	Closed
VCM, Ltd.	Columbus	Franklin	10/27/97	1/5/00	Terminated without Clawback
Vee Pak Ohio, LLC	New Albany	Franklin	12/6/10	10/3/11	Servicing
Vega Industries, Inc.	Maumee	Lucas	12/5/94	3/13/95	Terminated with Clawback
Vehtek Systems Inc.	Bowling Green	Wood	7/26/99	5/9/01	Servicing
Veitsch-Radex America, Inc.	Ashtabula	Ashtabula	3/31/03	12/29/10	Servicing
Ventaire, LLC	Logan	Hocking	8/25/08	4/28/10	Servicing
Ventra SPD Corp.	Toledo	Lucas	2/28/05	6/21/05	Terminated without Clawback
Venture Lighting International, Inc.	Solon	Cuyahoga	3/25/96	1/24/97	Terminated without Clawback
Versa, LLC	London	Madison	5/20/02	6/12/03	Terminated without Clawback
VeryFresh Juice Co., Inc.	Dayton	Montgomery	9/30/02	1/9/04	Terminated without Clawback
Veyance Technologies, Inc.	Fairlawn	Summit	6/25/07	2/27/08	Servicing
Victoria Fire & Casualty Insurance Company	Highland Hills/ Mayfield Heights	Cuyahoga	7/25/05	11/12/09	Servicing
Victoria's Secret Direct, LLC	Dayton	Montgomery	5/23/94	7/10/95	Servicing
Viewray Incorporated	Oakwood Village	Cuyahoga	2/25/08	12/23/09	Servicing
Viking Forge Corp.	Streetsboro	Portage	9/28/98	11/4/99	Servicing

Vision Service Plan	Hamilton Township	Franklin	9/30/02	10/8/03	Terminated without Clawback
Vista Bakery, Inc.	Ashland	Ashland	1/26/09	12/14/10	Servicing
Visy Protective Packaging, Inc.	Piqua	Miami	3/24/97	7/13/98	Terminated without Clawback
Vita-Mix Corporation	Olmsted Township	Cuyahoga	1/25/10	12/9/10	Servicing
Vogel Seed & Fertilizer, Inc. dba Spring Valley	Findlay	Hancock	3/27/06	6/19/08	Servicing
Voice-Tel Enterprise, Inc.	Beachwood	Cuyahoga	8/15/94	7/10/95	Terminated with Clawback
Voith Hydro, Inc.	Hannibal	Monroe	7/27/09	1/22/10	Servicing
VR Waverly Inc.	Waverly	Pike	6/28/10	2/4/11	Servicing
VXI Global Solutions, Inc.	Youngstown	Mahoning	9/28/09	4/22/11	Servicing
Walgreen Company	Perrysburg Township	Wood	7/31/00	4/16/10	Servicing
Wallace Computer Services, Inc.	Grove City	Franklin	12/8/97	4/22/99	Terminated without Clawback
Wal-Mart Stores et al.	Steubenville	Jefferson	12/3/01	4/4/06	Servicing
Wal-Mart Stores et al.	Union Township	Fayette	10/29/01	6/16/10	Servicing
Wal-Mart Stores et al.	Groveport		8/27/01	5/2/06	Terminated with Settlement
Walton Foods, LLC et al.	Milford	Clermont	6/26/00	9/2/02	Terminated without Clawback
Wannemacher Enterprises, Inc.	Perry Township	Allen	4/28/97	3/29/01	Closed
Wayne Trail Technologies, Inc.	Fort Loramie	Shelby	7/27/09	2/24/10	Servicing
WD Partners, Inc.	Dublin	Franklin	4/29/02	8/20/03	Servicing
West Customer Management Group, LLC	Niles	Trumbull	9/27/04	9/19/06	Terminated without Clawback
Westerman Nuclear LLC	Bremen	Fairfield	2/22/10	5/16/11	Servicing
Whirlaway Corporation	Wellington	Lorain	6/25/01	11/4/03	Servicing
Whirlpool Corp. Ottawa Division	Ottawa	Putnam	10/30/06	12/9/08	Terminated without Clawback
Whirlpool Corporation	Clyde	Marion	6/26/06	4/3/09	Closed
Whirlpool Corporation	Marion	Marion	5/21/01	9/18/06	Servicing
Whirlpool Corporation	Findlay	Hancock	12/8/08	7/8/09	Servicing
Whirlpool Corporation	Greenville	Darke	5/22/95	2/1/00	Terminated without Clawback
Whirlpool Corporation	Clyde	Sandusky	3/29/99	1/8/01	Terminated without Clawback
Whirlpool Corporation et al	Columbus	Sandusky	2/26/07	1/7/10	Servicing
White Dove Mattress Ltd.	Newburgh Heights	Cuyahoga	3/30/98	4/27/00	Closed
WhiteWater Building Products Inc.	Harrison	Hamilton	5/20/02	8/26/04	Servicing
Widmer's Inc.	Cincinnati	Hamilton	7/13/98	12/12/01	Terminated without Clawback
Wikoff Corp.	Hamilton	Butler	12/6/93	4/11/94	Terminated without Clawback
WIL Research Laboratories, LLC	Ashland	Ashland	6/28/99	6/14/06	Servicing
Wilbert Plastic Services	Bellevue	Sandusky	8/28/06	6/19/08	Servicing
Willard & Kelsey Solar Group, LLC et al.	Perrysburg	Wood	7/28/08	7/12/10	Servicing
Windsor Mold Group	Bellevue	Sandusky	12/9/96	1/31/06	Servicing
Winston Products LLC	Glenwillow	Cuyahoga	10/26/09	1/20/11	Servicing
Woodbridge Corp.	Fremont	Sandusky	3/28/94	12/30/94	Servicing
Woolpert, Inc.	Beavercreek	Greene	12/6/10	9/23/11	Servicing
World Almanac Education Group, Inc.	Strongsville	Cuyahoga	5/23/05	4/4/06	Terminated without Clawback
World Class Plastics, Inc.	Washington Township	Logan	12/8/97	3/7/00	Closed
WORLD COLOR PRESS INC	Oberlin	Lorain	8/15/94	11/4/03	Servicing
WorldCom, Inc.	Niles	Trumbull	9/27/99	12/28/01	Terminated without Clawback
Worthington Cylinders Corp.	Westerville	Delaware	3/28/94	8/24/94	Servicing

Worthington Precision Metals, Inc.	Mentor	Lake	9/25/00	5/8/03	Terminated without Clawback
Worthington Stairs LLC	Akron	Summit	5/22/06	4/3/09	Terminated without Clawback
Worthington Steel Company, The and Worthington Industries Incorporated	Delta	Fulton	8/14/95	11/19/98	Servicing
Worthington Steel Company, The et al.	Monroe	Butler	12/8/97	1/17/01	Servicing
Wrayco Industries, Inc.	Stow	Summit	6/26/06	11/20/06	Servicing
Wulco, Inc.	Cincinnati	Hamilton	6/23/97	8/3/98	Terminated without Clawback
Wyandot, Inc.	Marion	Marion	1/26/98	3/5/99	Servicing
Xunlight Corporation	Toledo	Lucas	3/31/08	6/2/10	Servicing
Yaskawa America, Inc.	Troy	Miami	2/27/95	12/27/95	Servicing
Yokowo Manufacturing of America LLC	Hilliard	Franklin	7/29/02	10/30/07	Servicing
YSK Corporation	Chillicothe	Ross	8/28/06	7/7/08	Terminated without Clawback
YUSA Corporation	Washington Courthouse	Fayette	10/24/94	6/12/99	Servicing
Ziegler Tire & Supply Co., Inc.	Massillon	Stark	4/26/99	5/4/00	Servicing
ZoomTown.com Inc.	Cincinnati	Hamilton	12/4/00	9/21/01	Terminated without Clawback
Zwanenberg Food Group USA Inc.	Cincinnati	Hamilton	7/25/05	10/30/07	Servicing
Zyvex Performance Materials, Inc.	Columbus	Franklin	2/26/07	10/14/09	Servicing

## Appendix 2 – Job Retention Tax Credits

**Servicing** means the contract is executed and within the term of the agreement or in the post-reporting period.

**Closed** means the contract ended as outlined in the agreement.

**Terminated** means a contract ended prior to the expiration of the agreement. Termination can be requested by either party but must ultimately be approved by the tax credit authority.



**Job Retention Tax Credit Executed Agreements (Calendar Year 2012)**

Beneficiary	Type	Local Jurisdiction	County	Approval Date	Executed Agreement Date	Retained Positions
New York Community Bank et al.	Non-Refundable	City of Cleveland/City of Brook Park	Cuyahoga	6/27/11	10/22/12	835
Eaton Corporation	Non-Refundable	City of Beachwood	Cuyahoga	10/27/08	9/13/12	1,000
General Motors LLC	Non-Refundable	Defiance Township	Defiance	10/25/10	8/24/12	1,000
The Timken Company	Refundable	Perry Township	Stark	12/5/11	7/17/12	3,533
Progressive Specialty Insurance Company et al.	Non-Refundable	Mayfield Village, City of highland Heights, City of Mayfield Heights, City of Mentor, City of Wickliffe	Cuyahoga and Lake	1/30/12	7/13/12	1,500
The General Electric Company	Non-Refundable	Village of Evendale	Hamilton	7/27/09	7/6/12	5,000
The Lincoln Electric Company	Refundable	City of Euclid	Cuyahoga	1/30/12	7/3/12	2,200
The Andersons, Inc.	Non-Refundable	City of Maumee	Lucas	6/27/11	6/5/12	636
Bridgestone Americas Tire Operations, LLC	Non-Refundable	City of Akron	Summit	6/30/08	3/26/12	750
<b>Totals</b>						<b>16,454</b>

**Job Retention Tax Credit Status of Prjoect with Agreements Executed (Prior to Jan. 1, 2012)**

Beneficiary	Local Jurisdiction	County	Contract Execution Date	Status	Commitment Retained Positions	Latest Reported Retained Positions
Alcoa, Inc.	Cuyahoga Heights & Newburgh Heights	Cuyahoga	8/26/10	Servicing	1000	1164
Ashland, Inc.	City of Dublin	Franklin	12/9/11	Servicing	700	732
Chrysler Group LLC	City of Toledo	Lucas	4/20/11	Servicing	1500	1964
Convergys Corp.	City of Cincinnati	Hamilton	9/29/03	Servicing	1700	604
Delphi Corp.	City of Dayton	Montgomery	6/21/05	Terminated without Clawback	1110	1231
E.I. DuPont De Nemours & Company	Pickaway Township	Pickaway	11/22/11	Servicing	500	611
Ford Motor Company (Sharonville Transmission)	City of Sharonville	Hamilton	1/21/11	Servicing	1400	1714
General Mills Operations, LLC	City of Wellston	Jackson	8/29/11	Servicing	1154	1133
General Motors LLC	Village of Lordstown	Trumbull	12/17/09	Servicing	3700	4923
General Motors LLC	City of Toledo	Lucas	12/17/09	Servicing	1500	1287
Goodyear Tire & Rubber Company	City of Akron	Summit	12/9/08	Servicing	2900	2452
Marathon Petroleum Company LP	City of Findlay	Hancock	10/6/11	Servicing	1650	1618
Proctor & Gamble Company	City of Cincinnati	Hamilton	2/16/11	Servicing	562	N/A

# Appendix 3 – Enterprise Zone Tax Credit Program



**Enterprise Zone Tax Credit Program**

					School Compensation Agreements <sup>1</sup>	
<b>Company</b>	<b>County</b>	<b>Local Jurisdiction</b>	<b>Local School District</b>	<b>Agreement Date</b>	<b>Fixed Annual Payment</b>	<b>Percentage of Foregone Taxes</b>
Best One Tire & Service of Lima, Inc.	Allen	City of Lima	Perry Local School District	3 /26/2012	0	0
Akers Packaging Service, Inc.	Butler	City of Middletown	Middletown City Schools	10/12/2012	0	0
Pilot Chemical Company of Ohio Inc.	Butler	City of Middletown	Middletown City School District	6 /20/2012	0	0
MSC Industrial Direct Co., Inc. Sid Tool Co, Inc. & MSC Contract Management	Franklin	City of Columbus	South-Western City School District	10/1 /2012	0	0
Boehringer Ingelheim Roxane, Inc./Roxane Laboratories, Inc.	Franklin	City of Columbus	Hilliard City School District	11/19/2012	0	0
Amamata, LLC	Franklin	City of Columbus	Gahanna-Jefferson City SD	8 /29/2012	0	0
SPARC Holding, LLC	Franklin	City of Columbus	Columbus Public Schools	4 /22/2012	0	0
Tarrier Foods Corporation & Tarrier Holdings, Inc.	Franklin	City of Columbus	Hilliard City School District	1 /25/2012	0	0
Tower 10, LLC	Franklin	City of Columbus	Columbus City School District	10/16/2012	0	0
V&S Galvanizing LLC, Voigt & Schweitzer, LLC and Hill & Smith, LLC	Franklin	City of Columbus	Columbus City School District	6 /13/2012	0	0
Knightsbridge Olentangy, LLC	Franklin	City of Columbus	Columbus City Schools	12/3 /2012	0	0
Turdor Arms Hotel, LLC	Cuyahoga	City of Cleveland	Cleveland City School District	10/22/2012	0	0
US Yachiyo, Inc.	Marion	City of Marion	Ridgedale Local Schools	3 /8 /2012	0	0
Rolls-Royce Energy Systems	Knox	City of Mount Vernon	Mount Vernon City Schools	1 /9 /2012	5417	0
FWT, LLC	Defiance	Village of Hicksville	Hicksville Exempted School District	5 /21/2012	0	0
Columbia Gas of Ohio	Knox	Liberty Township	Mount Vernon City Schools	12/6 /2012	0	0
BIC Precision Machine Co., Inc. and BIC Properties Co., LLC	Clinton	Village of Blanchester	Blanchester LSD	8 /20/2012	0	0

Nestle R&D Center, Inc. & Nestle Prepared Foods Company	Cuyahoga	City of Solon	Solon City School District	11/14/2012	0	0
L&W Cleveland, Inc. & Avon Plant, LLC, formerly L&W Engineering, Inc.	Lorain	City of Avon	Avon Local School District	8 /13/2012	0	0
Ohio Star Forge Company, Inc.	Trumbull	Champion Township	Champion Local School District	12/27/2012	0	0
Harvest Pride Tortillas & Chips, LLC	Hardin	Village of Ada	Ada Village Exempted Schools	8 /9 /2012	0	0
RDB Investments, Inc. dba Jack's Pets	Greene	Beavercreek Township	Beavercreek City School District	9 /11/2012	0	0
Wholesale Imprints, Inc. & Imprint Holding, LLC	Ashtabula	North Kingsville	Buckeye Local	7 /12/2012	0	0
Viking Forge Corp. and BPC Realty Holdings, LLC`	Portage	City of Streetsboro	Streetsboro City School District	4 /20/2012	0	0
Rubbermaid, Inc. & InSite Real Estate, LLC	Portage	Brimfield Township	Field Local School District	4 /26/2012	0	0
Industrial Millwright Services, LLC *Under Review*	Putnam	Village of Ottawa	Ottawa-Glendorf Schools	7 /24/2012	0	0
Florida Production Engineering, Inc.	Pickaway	Pickaway Township	Logan Elm School District	7 /17/2012	0	0
Republic Wire, Inc., 4R Investments, LLC	Butler	West Chester	Lakota Local School District	8 /30/2012	0	0
Allied Machine & Engineering Corporation and WT Properties, Ltd. (485 W. 3rd)	Tuscarawas	City of Dover	Dover City School District	6 /27/2012	0	0
Allied Machine & Engineering Corporation and WTMS Properties, Ltd. (120 Deeds Drive)	Tuscarawas	City of Dover	Dover City School District	6 /27/2012	0	0

MCSM, LLC & SpringSeal, Inc. & LifeForce Management, Inc.	Portage	City of Ravenna	Ravenna City School District	9 /11/2012	0	0
Advanced Recycling Systems, Inc.	Mahoning	Coitsville Township	Youngstown City School District	7 /21/2012	0	0
NetBraze, LLC	Brown	Village of Mount Orab	Western Brown School District	12/12/2012	0	0
Toledo Molding & Die, Inc.	Van Wert	Washington Township	Delphos Jefferson School District	9 /11/2012	0	0
Calphalon Corporation and Middleton Township OH, LLC	Wood	Middleton Township	Eastwood Local School District	8 /3 /2012	0	0
Four M Holdings, Ltd.	Wood	Perrysburg Township	Rossford Exempted Village Schools	8 /12/2012	0	0
Menard, Inc.	Williams	Village of Holiday City	North Central Local School District	8 /9 /2012	0	3
BEF Foods, Inc.	Allen	Perry Township	Perry Local School District	11/19/2012	0	0
Halliburton Energy Services, Inc.	Muskingum	Washington Township	Tri-Valley School District	2 /14/2012	0	0
Aleris Rolled Products, Inc.	Pickaway	Harrison Township	Teays Valley Local School District	5 /1 /2012	0	0
ConAgra Foods Packaged Foods, LLC	Miami	City of Troy	Troy City School District	10/2 /2012	0	0
Turning Point Solar, LLC	Noble	Brookfield Township	Noble Local School District	3 /20/2012	0	0
T Northgate Box, LLC	Hamilton	Colerain Township	Northwest Community SD	10/10/2012	0	0
Eleet Cryogenicis, Inc. & VKS Properties, LLC	Tuscarawas	Lawrence Township	Tuscarawas Valley SD	4 /5 /2012	0	0
Cincinnati Test Systems, Inc. and I-74 Business Group, LLC	Hamilton	City of Harrison	Southwest Local School District	8 /8 /2012	0	0
Weldfab, Inc. dba J&M Welding	Ashtabula	Village of Rock Creek	Jefferson Area LSD	5 /1 /2012	0	
Yamada North America, Inc.	Clark	Village of South Charleston	Southeastern Local School District	1 /6 /2012	26288	0
Novelart Manufacturing, Co. dba TOPICZ	Hamilton	Village of Amberley	Cincinnati Public School District	9 /19/2012	0	0
Provia Door, Inc. & CBSA, LTD	Holmes	Walnut Creek Township	East Holmes School District	3 /12/2012	0	0
Fryburg Door, Inc. & D&N Development Ltd.	Holmes	Hardy Township	West Holmes School District	8 /13/2012	0	0

Troy Land Ltd. & Troyer Cheese Company	Holmes	Hardy Township	West Holmes School District	1 /23/2012	0	0
Buckeye Seating, LLC and Bend Land, LLC	Holmes	Paint Township	East Holmes Local School District	8 /27/2012	0	0
SBF Holdings, LLC dba Venture Products, Inc.	Wayne	City of Orrville	Orrville Local School District	5 /8 /2012	0	0
ABS Materials, Inc.	Wayne	City of Wooster	Wooster City School District	11/13/2012	0	0
Seaman Corporation	Wayne	City of Wooster	Wooster City School District	2 /20/2012	0	0

# Appendix 4 – Ohio Third Frontier



OHIO THIRD FRONTIER - PROGRAM SUMMARY  
 \$2.3 billion initiative to foster the formation, creation and attraction of new technology-based companies and jobs as well as to support existing industries to transform themselves with new, globally competitive products  
 Cumulative through December 2012

TFP Program	State Funds Awarded	State Funds Expended	Cost Share Reported	Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Avg Salary
Advanced Energy Cluster Program	\$41,499,968	\$33,997,400	\$33,048,762	\$131,751,528	184	23	115	9	324	\$53,627
Advanced Imaging Cluster Program	\$13,542,470	\$6,577,684	\$9,608,250	\$31,681,970	56	6	65	11	138	\$55,698
Advanced Materials Cluster Program	\$14,579,672	\$10,075,381	\$12,177,549	\$29,552,750	32	3	37	11	82	\$68,198
Advanced Sensors Cluster Program	\$8,977,738	\$6,871,764	\$8,140,872	\$9,116,178	29	0	54	6	89	\$65,637
Biomedical Cluster Program	\$12,960,148	\$7,199,764	\$12,808,156	\$31,847,914	54	0	48	7	109	\$50,874
Biomedical Research Commercialization Program	\$151,749,921	\$146,789,460	\$214,840,582	\$1,002,353,687	246	678	716	15	1,655	\$64,696
Engineering Research Commercialization Program	\$80,677,370	\$79,009,081	\$97,961,251	\$375,416,766	358	41	215	32	646	\$68,498
Entrepreneurial Signature Program	\$146,532,580	\$110,019,089	\$66,690,049	\$1,759,445,959	2,072	36	1,812	357	4,276	\$55,299
Fuel Cell Cluster Program	\$50,762,794	\$47,954,718	\$38,169,874	\$205,478,604	200	14	148	18	380	\$60,054
Industrial Research & Development Center Program	\$29,762,365	\$9,144,099	\$25,480,736	\$22,921,241	125	10	249	8	392	\$82,301
Open Innovation Incentive	\$3,864,663	\$273,292	--	\$0	0	0	0	0	0	--
ONEFund	\$740,000	\$740,000	--	\$4,855,000	16	0	0	0	16	\$30,625
Ohio Research Commercialization Grant Program	\$13,327,588	\$13,095,569	\$6,348,761	\$209,227,949	202	0	84	20	306	\$58,157
Ohio Research Scholars Program	\$140,085,334	\$76,366,453	\$55,654,021	\$79,648,555	9	140	54	7	210	\$75,479
Photovoltaics Cluster Program	\$10,239,702	\$6,677,248	\$7,237,112	\$7,829,431	29	1	21	2	52	\$57,684
Pre-Seed Fund	\$64,128,682	\$54,058,248	\$199,519,218	\$2,761,444,407	3,466	3	925	271	4,665	\$69,378
Third Frontier Action Fund	\$18,582,343	\$18,117,618	\$33,284,792	\$138,534,215	279	15	134	1	429	\$52,210
Targeted Industry Attraction Program	\$8,610,000	\$5,439,000	\$3,623,415	\$29,086,197	401	0	382	1	964	\$49,272
Technology Validation & Startup Fund	\$798,109	\$0	\$0	\$0	0	0	0	0	0	--
Wright Centers of Innovation - Biomedical	\$87,302,967	\$87,302,967	\$183,401,015	\$441,747,211	227	324	199	5	755	\$100,894
Wright Centers of Innovation - Engineering	\$148,094,300	\$134,094,619	\$274,983,476	\$956,598,060	754	458	135	3	1,350	\$58,603
Wright Mega Center of Innovation	\$59,999,086	\$33,768,800	\$93,910,629	\$329,458,532	268	13	0	0	281	\$76,804
Wright Projects Program	\$102,378,797	\$81,662,349	\$138,098,035	\$221,766,593	344	163	131	11	649	\$50,478
<b>Grand Totals</b>	<b>\$1,209,196,997</b>	<b>\$971,234,602</b>	<b>\$1,513,986,555</b>	<b>\$8,779,762,749</b>	<b>9,349</b>	<b>1,927</b>	<b>5,523</b>	<b>794</b>	<b>17,766</b>	<b>\$62,309</b>

ADVANCED ENERGY CLUSTER PROGRAM  
Supports R&D that addresses technical and cost barriers to market commercialization in Ohio of advanced energy components  
March 2008 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary (All Jobs)
12/31/11	Ohio State University Research Foundation	Engineering Clostridia for Economic Production of Biobutanol as a Biofuel	\$ 1,000,000	\$ 1,000,000	\$ 1,138,129	\$ 2,800,000	6	3	2	1	12	\$ 40,000
06/30/11	Xunlight 26 Solar, LLC	Flexible Thin-Film CdTe Modules	\$ 996,924	\$ 996,924	\$ 535,055	\$ 1,700,000	5	0	0	0	5	\$ 57,000
04/21/10	Replex Mirror Company dba Replex Plastics	Concentrated Solar Power	\$ 350,000	\$ 349,901	\$ 175,018	\$ 234,171	1	0	0	0	1	\$ 41,111
04/21/10	Applied Sciences, Inc.	Development of Specialty Carbons for Energy Storage	\$ 999,999	\$ 999,999	\$ 550,070	\$ 1,069,808	0	0	2	0	2	\$ 35,495
04/21/10	Physical, LLC	Development of Non-destructive Algal Oil Extraction Process	\$ 250,000	\$ 250,000	\$ 125,000	\$ 23,881,999	2	0	1	0	3	\$ 72,066
04/21/12	Aristeye Systems, Inc.	App. of Static, Hydrodynamic Cavt. to Improve Efficiency, Product. & Yld. in the Prod. of Ethanol	\$ 1,000,000	\$ 1,000,000	\$ 554,919	\$ 2,325,053	11	1	0	0	12	\$ 42,991
10/21/11	Ohio University	Facility for the Development & Commercialization of an Ammonia Based Fuel Integrated Power System	\$ 972,922	\$ 972,922	\$ 600,853	\$ 5,905,311	6	6	1	0	13	\$ 55,546
04/21/11	Catecal Corporation	Durability & Performance Evaluation of Catalysts on Metal Foil	\$ 759,502	\$ 759,501	\$ 396,909	\$ 262,082	0	0	5	0	5	\$ 40,000
04/21/10	University of Toledo	A Novel Cellulose Biomass Fermentation Process for Ethanol Production	\$ 250,000	\$ 250,000	\$ 159,202	\$ 1,672,000	1	1	0	0	2	\$ 39,636
04/21/10	INORGANIC SPECIALISTS INC	Manufacturing of Next Generation Lithium Ion Anode	\$ 250,000	\$ 250,000	\$ 128,949	\$ 2,717,000	1	0	1	1	3	\$ 100,000
08/31/11	The University of Akron Research Foundation	Novel Polymeric Membranes for Advanced Energy Storage Devices, Batteries, and Fuel Cells	\$ 250,000	\$ 250,000	\$ 470,758	\$ -	0	4	4	0	8	\$ 20,000
01/31/11	EBO Group, Inc.	Innovative Oil-Cooled Elec. Motor Drive Sys. to Enable Adv. Hybrid Elec. Drives for Commercial Veh	\$ 1,000,000	\$ 1,000,000	\$ 571,029	\$ 109,560	1	0	1	0	2	\$ 88,000
04/21/12	Garland Company, Inc.	Garland Building Integrated Photovoltaic (BIPV) Systems	\$ 1,000,000	\$ 1,000,000	\$ 445,617	\$ 807,561	1	0	0	0	1	\$ 25,000
04/21/12	Parker Hannifin Corporation	Sub-Megawatt Class Hydrostatic Wind Turbine Drive Train Commercialization	\$ 1,000,000	\$ 1,000,000	\$ 346,817	\$ -	0	0	0	0	0	\$ -
04/21/11	Ohio State University Research Foundation	Carbon Negative Chemical Looping Process for Hydrogen or Liquid Fuel Synthesis	\$ 408,801	\$ 408,801	\$ 210,854	\$ 8,800,792	0	0	4	0	4	\$ 25,488
06/02/12	Veeco, Inc.	Microchannel Enabled Process for Synthetic Blueets and Chemicals	\$ 1,000,000	\$ 1,000,000	\$ 2,826,932	\$ 45,777,573	0	0	1	0	1	\$ 97,000
07/31/10	NexTech Materials Ltd	Market Readiness of Hydrogen Sensor for Advanced Energy Applications	\$ 549,088	\$ 549,088	\$ 273,031	\$ 113,057	3	0	3	0	6	\$ 61,000
01/12/12	EMTEC	Cooling of High Power Electronic Devices	\$ 1,000,000	\$ 1,000,000	\$ 500,000	\$ -	12	1	3	0	16	\$ 90,000
07/12/12	Global Cooling, Inc.	Advanced Commercial Stirling Cooler Development for Integration into Diverse Market Applications	\$ 1,000,000	\$ 900,000	\$ 2,924,377	\$ 4,447,521	17	0	12	2	31	\$ 35,069
01/12/12	Hyper Tech Research, Inc.	Wires and Coils for Superconducting Fault Current Limiters	\$ 1,000,000	\$ 1,000,000	\$ 987,653	\$ 188,300	0	0	7	0	7	\$ 55,365
01/26/11	Industrial Railway Switching & Services	Lean & Green Locomotive	\$ 450,000	\$ 450,000	\$ 362,546	\$ 2,473,295	4	0	8	0	12	\$ 35,984
01/12/12	Parker Hannifin Corporation	Ohio Wind Turbine Brake Commercialization	\$ 1,000,000	\$ 1,000,000	\$ 159,950	\$ 9,882	0	0	3	0	3	\$ 77,976
01/12/11	SCI Engineered Materials, Inc.	Rotatable Ceramic Targets for Photovoltaic Solar Cell	\$ 708,715	\$ 708,715	\$ 622,309	\$ 2,004,513	2	0	0	0	2	\$ 31,680
12/31/11	Sugant Systems, Inc.	Scale Up Of Cellulosic Ethanol	\$ 999,900	\$ 999,900	\$ 719,427	\$ 550,127	3	0	3	0	0	\$ 49,500
08/12/10	Tremco, Inc.	Building Integrated Photovoltaic (BIPV) Commercialization	\$ 1,000,000	\$ 1,000,000	\$ 75,425	\$ -	0	0	1	0	1	\$ 70,000
01/12/11	Webcor Technologies, Inc.	TYCOR Composite Material for Wind Turbine Blades	\$ 1,000,000	\$ 1,000,000	\$ 1,114,709	\$ 4,024,792	11	0	3	0	14	\$ 58,941
01/31/12	Xunlight Corporation	Roll to Roll Thin Film PV Manufacturing	\$ 995,577	\$ 995,577	\$ 516,453	\$ -	9	0	0	0	9	\$ 37,200
02/08/12	Esthigs, Inc.	Development and Commercialization of Composite Tower for Wind Turbines	\$ 1,000,000	\$ 81,285	\$ 242,293	\$ -	0	0	0	0	0	\$ -
04/30/12	RW Beckett Corporation	Develop/Commercialize Residential Energy Storage Technology to Store Power	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 60,000	2	0	7	0	9	\$ 85,087
01/25/13	Aatron Industrial Automation, Inc.	Absolute Magnetic Encoder	\$ 1,000,000	\$ 380,488	\$ 237,866	\$ -	1	0	0	0	1	\$ 65,000
01/25/13	Novolyte Technologies, Inc.	Dev and Commercialization of Advanced Electrolyte Materials for Next Generation Lithium-Ion Batterie	\$ 1,123,544	\$ 624,177	\$ 866,081	\$ 5,000	6	3	1	1	11	\$ 44,000
07/25/12	Garrett International Holdings, Inc.	Development of Thermal Management Solutions for Lithium Ion Batteries	\$ 965,000	\$ 791,747	\$ 782,481	\$ 104,278	6	0	0	0	6	\$ 80,000
07/25/13	Quasar Energy Group, LLC	Accelerating Commercialization of Anaerobic Digestion for Bioenergy Production	\$ 2,000,000	\$ 1,885,675	\$ 2,117,296	\$ 2,295,592	36	0	20	0	56	\$ 50,000
02/08/12	University of Dayton	Development and Commercialization of Composite Towers for Wind Turbines	\$ 120,000	\$ -	\$ -	\$ -	0	0	0	0	0	\$ -
03/14/13	Delphi Automotive Systems, LLC	Aluminum Shielded Large Size Battery Cable Development for Electric/Hybrid Vehicles	\$ 1,000,000	\$ 843,430	\$ 1,733,333	\$ -	3	1	2	0	6	\$ 68,000
03/14/13	MesaCoat, Inc.	High Power Density Powder Coating System for Infrastructure	\$ 2,000,000	\$ 1,322,732	\$ 1,502,371	\$ -	0	0	0	0	0	\$ -
03/14/13	Aspiration Research, Inc.	Upgrading Cadill Gas to Natural Gas via PSA	\$ 1,000,000	\$ 792,941	\$ 415,994	\$ 6,762,001	3	0	2	2	7	\$ 78,990
03/14/13	Advanced Battery Concepts, LLC	Rapid Commercialization of GreenSeal Advanced High Energy Batteries	\$ 1,000,000	\$ 607,238	\$ 743,313	\$ 767,975	3	0	2	0	5	\$ 28,550
03/14/14	SuGain Systems, Inc.	Pilot Scale Demonstration of Ligno-Cellulosic Ethanol	\$ 2,000,000	\$ 619,350	\$ 1,533,837	\$ 440,000	0	2	2	0	4	\$ 45,000
09/14/13	Inorganic Specialists, Inc.	Lithium Ion Material Commercial Demonstration Project	\$ 1,000,000	\$ 728,093	\$ 974,368	\$ 9,000	1	0	2	1	4	\$ 100,000

ADVANCED ENERGY CLUSTER PROGRAM  
 Supports R&D that addresses technical and cost barriers to market commercialization in Ohio of advanced energy components  
 March 2008 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary (All Jobs)
05/09/13	Nanolek Instruments, Inc.	Nano Graphene-Enabled Supercapacitors for Electric Vehicle, Renewable Energy Modern Grid Test Apps	\$ 999,996	\$ 673,662	\$ 618,926	\$ 4,048,238	14	0	3	0	17	\$ 55,270
05/09/13	RES Polyflow, LLC	Semi-Works Demonstration of Polyflow's Waste to Fuels Processor	\$ 1,600,000	\$ 601,790	\$ 1,040,453	\$ 207,000	5	0	0	0	5	\$ 65,000
05/09/13	AFS Technology	Tire Fuel Delivery System for Cement Kilns with Calciners	\$ 150,000	\$ 128,110	\$ 134,778	\$ 4,151,300	6	0	4	1	11	\$ 52,600
06/30/13	Gen Energy Management, LLC	LOAN-Modular Integrated Energy Systems for Critical Operations	\$ 1,000,000	\$ 1,000,000	\$ 1,008,631	\$ 1,025,561	2	0	0	0	2	\$ 73,292
05/09/13	Calgon Carbon Corporation	Development and Commercialization of Advanced Activated Carbons for Energy Storage Application	\$ 1,390,000	\$ 815,393	\$ 605,751	\$ 21,204	0	1	5	0	6	\$ 76,673

**ADVANCED IMAGING CLUSTER PROGRAM**  
 Supports R&D that addresses technical and cost barriers to market commercialization in Ohio of medical imaging components and systems  
 August 1 2010 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary (All Jobs)
08/09/13	The Ohio State University	Multi-Transmit Technology for High and Ultra-High Field MR Imaging	\$ 1,739,862	\$ 117,673	\$ 324,677	\$ 871,800	0	0	8	0	8	\$ 100,000
08/09/13	Neoprobe Corporation	IMaG-clinical Study for Lymphoseek a Medical Imaging Agent for Sentinel Lymph Node Mapping	\$ 1,000,000	\$ 949,843	\$ 1,154,600	\$ 14,582,375	18	0	4	4	26	\$ 87,222
08/09/13	Philips Medical Systems Cleveland Inc.	Absolute Myocardial Blood Flow	\$ 999,175	\$ 244,435	\$ 270,649	\$ 454,151	0	1	1	0	2	\$ 90,000
08/09/12	Infrared Imaging Systems, Inc.	Completion of Comm and Relocation of Mfg to Ohio of the INRIS Vascular/Viewer Product Portfolio	\$ 812,000	\$ 812,000	\$ 1,121,138	\$ 401,878	5	0	0	0	6	\$ 103,675
08/09/13	Quality Electrodynamics, LLC	7 Tesla High-Density MRI RF Coil Development & Commercialization	\$ 1,000,000	\$ 867,426	\$ 991,709	\$ -	8	0	13	0	21	\$ 53,571
08/09/13	USA Instruments, Inc.	MR Imaging and Devices for Pediatric Populations	\$ 1,000,000	\$ 424,717	\$ 973,392	\$ 1,237,194	3	0	1	0	4	\$ 80,000
08/09/13	EXCMR, Inc.	An In-State Multi-Center Evaluation of Treadmill Exercise Stress Cardiac Magnetic Resonance	\$ 999,694	\$ 663,700	\$ 2,284,623	\$ 1,365,475	6	1	8	0	15	\$ 107,572
08/09/12	Cardionight Technologies, Inc.	The Atlas Electrocardiographic Mapping System	\$ 1,000,000	\$ 1,000,000	\$ -	\$ 12,603,266	7	0	16	0	23	\$ 110,000
11/22/12	The Ohio State University	In-State Multi-Center Evaluation of Treadmill Exercise Stress Cardiac Magnetic Resonance	\$ 425,000	\$ 425,000	\$ -	\$ 1,051,025	0	0	0	0	0	\$ -
08/22/13	Malix Corporation	Position Magnetic Imaging	\$ 987,000	\$ 718,121	\$ 981,657	\$ 352,000	1	0	8	2	11	\$ 78,500
08/26/13	Case Western Reserve University	Position Magnetic Imaging	\$ 899,049	\$ 34,451	\$ 35,123	\$ -	1	1	0	2	4	\$ 84,600
08/26/13	Case Western Reserve University	Position Magnetic Imaging	\$ 1,890,000	\$ -	\$ -	\$ -	0	3	0	0	3	\$ 54,600
08/26/13	Quality Electrodynamics, LLC	Development and Commercialization of a Novel Imaging System to Determine Organ Viability	\$ 1,000,000	\$ 319,737	\$ 253,608	\$ -	2	0	3	0	5	\$ 54,800

ADVANCED MATERIALS CLUSTER PROGRAM  
Supports R&D that addresses technical and cost barriers to market commercialization in Ohio of polymer and carbon nanomaterials, liquid crystals and bio-based materials  
March 2010 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary (All Jobs)
05/10/12	Maverick Corporation	Low-Cost Fabrication of High-Temperature Composites	\$ 1,000,000	\$ 1,000,000	\$ 1,153,712	\$ 5,559,403	8	0	2	0	10	\$ 64,699
05/10/13	Lockheed Martin Corporation	Reduced-Permeability, High-Modulus Film Project for Military Lighter-Than-Air	\$ 1,000,000	\$ 773,999	\$ 1,187,488	\$ 693,000	0	0	2	0	2	\$ 80,000
10/31/12	Kent Displays, Inc.	Advanced Liquid Crystalline, Chiral and Dye Materials for Flexible Liquid Crystal Films	\$ 1,000,000	\$ 1,000,000	\$ 1,334,395	\$ 164,000	2	2	2	0	6	\$ 65,988
11/30/12	Alphamir, Inc.	Manufacturing of Plastic Liquid Crystal Auto Dimming Mirror	\$ 1,000,000	\$ 1,000,000	\$ 1,063,637	\$ 990,000	1	0	2	0	3	\$ 59,202
11/30/12	Materials Research Institute, LLC	Metallized Nanomaterials	\$ 791,000	\$ 460,943	\$ 479,360	\$ 6,560	0	0	3	0	3	\$ 73,332
10/31/12	Momentive Performance Materials Quartz, Inc.	Optimized Boron Nitride and Production Efficiency for Lower Cost Polymer Composites in LED Luminaire	\$ 918,000	\$ 918,000	\$ 1,056,005	\$ 9,469,433	2	0	4	0	6	\$ 69,350
07/19/13	General Nano, LLC	Conductive, Strong, Lightweight Yarn from Long Carbon Nanotubes for Aerospace and Defense	\$ 1,946,843	\$ 1,605,302	\$ 1,891,432	\$ 2,920,000	4	0	0	0	4	\$ 74,000
09/26/13	Chemimage Imaging Technology	Application of Liquid Crystal Cells to Produce Multi-Configurable Filters for Hyperspectral Imaging Sensors	\$ 989,877	\$ 328,602	\$ 349,080	\$ 401,706	0	0	6	1	7	\$ 53,527
09/26/13	Tri-Optical Materials, LLC	Planar Polarization Materials for Optical Devices	\$ 1,020,000	\$ 562,402	\$ 1,009,326	\$ 805,000	5	0	0	0	5	\$ 54,800
09/26/13	Metallaria Technologies, LLC	Water Formulation Using Nano-Enabled Solutions	\$ 999,998	\$ 421,760	\$ 451,122	\$ 707,000	2	0	1	4	7	\$ 48,000
12/31/12	Isoli Energy Corporation	New Milling Process for the Production of Low-Cost, High-Purity Polysilicon for Solar Cells	\$ 925,500	\$ 925,500	\$ 1,184,613	\$ 3,550,000	0	0	13	2	15	\$ 92,893
09/26/13	NuVention Solutions, Inc.	Accelerating the Comm of a Novel Bio Resource Resin (BR2) for Agricultural, Construction & Ind. Apps	\$ 998,354	\$ 261,097	\$ 247,645	\$ 314,432	1	0	2	2	5	\$ 78,000
09/26/13	Renegade Materials Corporation	Hybrid Composite Materials for Commercial Aerospace Structures	\$ 1,000,000	\$ 491,346	\$ 448,758	\$ 1,807,127	5	0	0	2	7	\$ 52,000
11/14/13	Momentive Performance Materials Quartz, Inc.	Advanced TPG Thermal Management Composite	\$ 1,000,000	\$ 307,340	\$ 326,918	\$ 2,165,000	2	1	0	0	3	\$ 70,346

ADVANCED SENSORS CLUSTER PROGRAM  
Supports R&D that addresses technical and cost barriers to market commercialization in Ohio of sensor components and systems  
March 2010 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary (All Jobs)
06/30/13	NexTech Materials, Ltd.	Hydrogen Sensor Manufacturing Technology	\$ 1,000,000	\$ 900,000	\$ 995,661	\$ 2,373,518	6	0	0	0	6	\$ 73,000
05/10/12	Inova, Inc.	Scalable, Miniaturized, Low Cost Solid State Laser Systems for Sensor Applications	\$ 848,000	\$ 848,000	\$ 912,895	\$ 70,445	1	0	16	0	17	\$ 44,900
05/10/12	YSI, Inc.	Advanced Modified Carbon Nanotube Based Nutrient Sensor	\$ 1,127,673	\$ 1,111,244	\$ 1,238,632	\$ 600,000	0	0	0	0	1	\$ 85,593
05/10/13	Persistent Surveillance Systems, LLC	Colonization & Resolution Enhancement of Airborne Wide-Area Persistent Surveillance Sensors for Law	\$ 906,315	\$ 906,315	\$ 989,458	\$ 2,869,075	9	0	6	5	20	\$ 65,000
05/10/13	Pressco Technology, Inc.	High Performance Spectroscopy Sensor Applications in High Speed Product Testing	\$ 406,000	\$ 406,000	\$ 179,488	\$ 460,000	0	0	0	0	0	\$ 140,000
05/10/12	L-3 Communications Nova Engineering, Inc.	Sensors and Fusion Enhancement (SAFE) Program	\$ 689,550	\$ 689,550	\$ 1,197,305	\$ 0	0	0	7	0	10	\$ 62,000
05/10/12	StarEdge, Inc.	Dev. of a Solid Sensor to Control Engine Systems of Adv. Combustion Engines	\$ 1,000,000	\$ 718,684	\$ 422,051	\$ 2,850,000	3	0	0	1	9	\$ 62,000
08/22/13	StarEdge, Inc.	Development of a Solid Sensor to Control Engine Systems of Adv. Combustion Engines	\$ 1,000,000	\$ 378,684	\$ 422,051	\$ 2,850,000	4	0	5	1	15	\$ 49,236
08/22/14	StarEdge, Inc.	Development of a Solid Sensor to Control Engine Systems of Adv. Combustion Engines	\$ 1,000,000	\$ 592,282	\$ 1,048,984	\$ 93,140	0	0	11	0	11	\$ 49,236
08/22/13	Lake Shore Cryotronics, Inc.	Cost Effective Terahertz-Based Characterization System for Semiconductor Materials Research	\$ 1,000,000	\$ 562,922	\$ 672,334	\$ 93,140	2	0	2	0	4	\$ 87,969

BIOMEDICAL CLUSTER PROGRAM  
 Supports R&D that addresses technical and cost barriers to market commercialization in Ohio of biomedical products, particular cardiovascular, regenerative medicine and orthopedics  
 August 2010 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary (All Jobs)
08/09/13	Orthoheix Surgical Designs, Inc.	MiniMega MaxLock Extreme Orthopedic Implants	\$ 1,000,000	\$ 906,324	\$ 1,027,324	\$ 10,051,842	15	0	14	0	29	\$ 71,139
08/09/12	Cardiox Corporation	Validation and Commercialization for Non-Invasive Detection of Cardiox Shunts	\$ 986,373	\$ 986,373	\$ 5,771,146	\$ 13,964,479	8	0	3	0	11	\$ 126,500
08/09/13	Case Western Reserve University	Clinical Development and Commercialization for Treatment of Spinal Cord Injury	\$ 1,000,000	\$ 330,212	\$ 911,629	\$ 2,740,263	3	0	0	0	3	\$ 38,533
08/09/13	SpineForm, LLC	Clinical Study and Commercialization of an Idiopathic Scoliosis Growth Modulation System	\$ 999,250	\$ 999,250	\$ 1,037,766	\$ 1,139,156	0	0	4	0	4	\$ 100,000
08/22/13	Alicare, Inc.	Advanced Urological Diagnostic & Therapeutic Accessories Project	\$ 1,000,000	\$ 104,068	\$ 231,936	\$ 560,676	0	0	1	0	1	\$ 70,000
08/22/13	United States Endoscopy Group, Inc.	Advanced Urological Diagnostic & Therapeutic Accessories Project	\$ 1,000,000	\$ 612,229	\$ 521,673	\$ 820,497	5	0	0	3	8	\$ 70,000
08/22/13	Beckler Medical Systems, Inc.	Medical Endovascular Technologies	\$ 1,000,000	\$ 371,663	\$ 391,224	\$ 766,457	16	0	0	0	16	\$ 75,066
08/22/13	VasoSper, Inc.	Medical Endovascular Technologies	\$ 1,000,000	\$ 456,988	\$ 468,453	\$ 76,703	0	0	6	0	6	\$ 85,000
08/22/13	AthenoCure, Inc.	Vibrating Tip Ultrasound System for Penetrating Chronic Occlusions	\$ 999,969	\$ 629,207	\$ 147,679	\$ 13,589	2	0	17	0	19	\$ 74,713
08/22/13	Pericor, Inc.	Development and Commercialization of Hematopoietic Stem Cell Expansion System for Clinical Apps	\$ 1,000,000	\$ 229,777	\$ -	\$ -	0	0	0	0	0	\$ -
08/22/13	Case Western Reserve University	Development and Commercialization of a Novel Biodegradable Therapy for Stress Urinary Incontinence	\$ 982,768	\$ 50,740	\$ -	\$ -	0	0	0	0	0	\$ -
09/26/13	Sironix Therapeutics, Inc.	SDF-1 Treatment to Induce Vascular and Epithelial Regeneration After Cardiovascular Surgery	\$ 991,788	\$ 547,266	\$ 678,638	\$ 2,883,750	2	0	0	1	3	\$ 101,849

BIOMEDICAL RESEARCH COMMERCIALIZATION PROGRAM  
 Advances scientifically unique applied research projects that can sustain new, innovative products within three years  
 January 2003 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary (All Jobs)
12/31/07	Ohio State University Research Foundation	Cardiovascular Bioengineering Enterprise	\$ 6,500,000	\$ 6,500,000	\$ 10,278,723	\$ 50,413,232	0	92	145	0	237	\$ 50,000
06/30/08	University of Cincinnati	Genome Research Infrastructure Partnership	\$ 9,000,000	\$ 9,000,000	\$ 23,271,125	\$ 120,746,424	10	252	238	8	508	\$ 50,000
07/31/07	Ohio State University Research Foundation	Biomedical Informatics Synthesis Platform	\$ 6,000,000	\$ 6,000,000	\$ 6,571,043	\$ 28,244,311	21	2	16	0	39	\$ 50,000
06/30/07	Case Western Reserve University	Genetics of Gastrointestinal Cancers	\$ 10,200,000	\$ 10,200,000	\$ 21,230,017	\$ 44,120,906	5	38	0	0	43	\$ 57,363
06/30/07	Case Western Reserve University	Ohio Neurostimulation and Neuromodulation Partnership	\$ 7,868,103	\$ 7,868,103	\$ 13,587,857	\$ 66,765,628	13	22	1	0	36	\$ 81,068
04/30/08	Cleveland Clinic Foundation	Brain Neuromodulation Center	\$ 7,652,496	\$ 7,652,496	\$ 8,195,898	\$ 36,188,822	12	20	1	2	35	\$ 130,000
12/31/08	Ohio State University Research Foundation	A Comprehensive Program for the Prevention, Detection, and Treatment of Lung Cancer	\$ 8,000,042	\$ 8,000,042	\$ 15,226,121	\$ 94,657,373	18	66	71	2	157	\$ 67,700
06/06/09	Ohio State University Research Foundation	A Commercialization Platform of Immunotherapeutics for Multiple Sclerosis	\$ 4,250,000	\$ 4,250,000	\$ 6,731,181	\$ 20,967,765	2	6	0	0	8	\$ 62,756
06/30/09	Case Western Reserve University	Targeted Nanoparticles for Imaging and Therapeutics	\$ 4,000,000	\$ 4,000,000	\$ 3,999,971	\$ 28,746,372	27	15	0	0	42	\$ 110,162
06/06/09	Cleveland Clinic Foundation	AMD Initiative for Prevention and Cure	\$ 6,000,000	\$ 6,000,000	\$ 7,228,029	\$ 32,663,813	8	17	78	0	103	\$ 75,000
03/31/09	Cleveland Clinic Foundation	Clinical Tissue Engineering Center	\$ 4,000,000	\$ 4,000,000	\$ 4,142,740	\$ 34,415,900	7	21	28	0	56	\$ 56,986
02/29/12	Ohio State University Research Foundation	Biostructural, Functional and Molecular Imaging	\$ 7,678,957	\$ 7,671,734	\$ 10,427,913	\$ 31,159,571	14	8	16	0	38	\$ 105,250
08/31/09	Case Western Reserve University	Center for Stem Cell and Regenerative Medicine 2	\$ 8,000,000	\$ 8,000,000	\$ 9,069,798	\$ 193,952,399	43	14	0	0	57	\$ 62,900
06/30/10	Case Western Reserve University	Ohio Neurostimulation and Neuromodulation Partnership Continuation	\$ 7,999,998	\$ 7,999,998	\$ 9,274,904	\$ 49,435,403	8	3	25	0	36	\$ 96,685
06/12/09	Charltest, Inc.	Ion Channel Panel Screening for Drug Safety and Discovery	\$ 4,728,969	\$ 4,728,969	\$ 4,751,210	\$ 15,356,082	12	0	5	0	17	\$ 60,772
12/31/10	Ohio State University Research Foundation	Advanced Biomedical Devices for Disease Diagnosis and Therapy	\$ 3,500,000	\$ 3,500,000	\$ 3,500,000	\$ 1,300,000	6	3	0	0	9	\$ 92,400
12/31/12	Cleveland Clinic Foundation	Rapid Rehabilitation and Return to Function for Amputee Soldiers	\$ 2,104,503	\$ 1,727,279	\$ 1,926,164	\$ 459,614	0	6	0	0	6	\$ 34,472
12/31/11	Diagnostic Hybrids, Inc.	Antiviral Resistance Testing and Vaccine Development	\$ 5,000,000	\$ 5,000,000	\$ 7,185,431	\$ 6,177,799	0	4	4	0	8	\$ 72,575
06/26/13	Cleveland Clinic Foundation	Breath Analysis- Targeted Sensor Development and Commercialization for Health Care Diagnostics	\$ 3,783,138	\$ 3,445,866	\$ 4,285,244	\$ 2,754,151	2	2	1	0	5	\$ 56,155
06/30/12	Case Western Reserve University	Therapeutic DNA Nanoparticles and Molecular Imaging "TDNMIM"	\$ 3,976,689	\$ 3,972,836	\$ 4,203,120	\$ 9,148,738	2	3	0	0	5	\$ 65,978
12/31/12	Cleveland Clinic Foundation	Neuroregenerative Therapies	\$ 3,000,000	\$ 2,627,040	\$ 3,076,686	\$ 715,000	2	0	11	0	13	\$ 57,653
06/30/12	Cleveland Clinic Foundation	Treatment of Acute and Chronic Wounds with Tissue Engineering Strategies	\$ 4,977,748	\$ 3,922,051	\$ 4,703,219	\$ 15,735,817	6	23	14	0	43	\$ 55,950
10/28/12	Case Western Reserve University	Center for Stem Cell & Regenerative Medicine- Commercial and Clinical Application 3	\$ 5,000,000	\$ 4,678,992	\$ 5,114,661	\$ 110,162,736	12	53	0	0	65	\$ 58,077
04/28/12	Charltest Corporation	Establishing Dominant CHO for Membrane Transport Services & Reagents	\$ 4,831,110	\$ 4,831,110	\$ 4,939,138	\$ 1,214,022	3	0	9	0	12	\$ 69,217
04/30/13	Cleveland Clinic Foundation	Tools to Improve Orthopedic Surgical Outcomes (TIOSO)	\$ 3,502,998	\$ 3,045,556	\$ 3,152,364	\$ 5,062,150	4	3	0	1	8	\$ 64,605
04/28/13	Arterioocyte, Inc.	Commercialization of Rapid Bedside Stem Cell Therapeutics	\$ 4,995,670	\$ 4,061,217	\$ 4,997,260	\$ 3,777,159	2	0	17	0	19	\$ 74,713
04/28/13	ViewRay, Inc.	Expansion of MRI into Radiotherapy Guidance	\$ 5,000,000	\$ 4,106,182	\$ 13,770,965	\$ 22,500	7	5	37	2	51	\$ 142,948

ENGINEERING RESEARCH COMMERCIALIZATION PROGRAM  
 Advances scientifically unique applied research projects that can sustain new, innovative products within three years  
 May 2007 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary (All Jobs)
02/26/11	Ohio State University Research Foundation	High-Performance Nano-Tailored Composites	\$ 8,000,000	\$ 8,000,000	\$ 8,073,705	\$ 136,761,639	49	8	57	4	118	\$ 61,810
02/26/11	University of Akron Research Foundation	Functional Polyimide Films and Nanocomposites	\$ 8,000,000	\$ 8,000,000	\$ 8,606,328	\$ 47,278,339	35	6	6	0	47	\$ 71,625
02/26/10	Graphix International, Ltd.	Graphitic Nanocomposites for Electronic Thermal Management	\$ 7,945,465	\$ 7,945,465	\$ 8,171,885	\$ 28,521,586	92	6	8	0	106	\$ 66,921
02/26/10	Kent Displays, Inc.	Flexible Liquid Crystal Film Manufacturing	\$ 7,992,375	\$ 7,992,375	\$ 9,726,106	\$ 22,319,580	25	4	19	5	53	\$ 49,911
12/31/10	Swagelok Company	Commercialization of Low-Temperature Carburation	\$ 5,500,611	\$ 5,500,611	\$ 6,836,684	\$ 5,200,473	4	7	9	0	20	\$ 90,386
11/04/11	University of Dayton	Protective Integrated Coatings for Extreme Environments	\$ 5,000,000	\$ 5,000,000	\$ 7,046,259	\$ 13,007,427	24	1	14	1	40	\$ 60,000
08/04/12	AlphaInCo, Inc.	Adaptive Windows: Path to Zero-Energy Buildings	\$ 5,000,000	\$ 5,000,000	\$ 7,000,958	\$ 5,162,157	2	2	4	5	13	\$ 54,126
02/04/12	Xunlight Corporation	Ohio Based Manufacturing of Thin-Film Photovoltaics	\$ 4,975,000	\$ 4,975,000	\$ 5,515,205	\$ 1,100,000	20	0	20	0	40	\$ 50,000
08/04/11	Echogen Power Systems, Inc.	Center for Thermally Efficient Technology/ Commercialization: Clean Industrial Waste Heat Power	\$ 4,300,000	\$ 4,300,000	\$ 5,073,063	\$ 28,910,924	50	0	44	6	100	\$ 106,500
01/31/13	The Andersons, Inc.	Advanced Materials: Granule-based Delivery Systems	\$ 5,000,000	\$ 4,735,630	\$ 8,607,303	\$ 57,987,021	29	4	0	1	34	\$ 36,500
10/18/12	Zyex Performance Materials, Inc.	Advanced Composites: The New Generation of Materials Powered by Nanotechnology	\$ 4,996,609	\$ 4,733,427	\$ 6,083,494	\$ 9,194,102	5	0	11	3	19	\$ 85,362
08/31/12	Kent Displays, Inc.	Electronically Changeable Color Skins for Consumer Electronics	\$ 4,967,310	\$ 4,967,310	\$ 6,550,303	\$ 11,152,106	12	3	9	0	24	\$ 49,916
08/18/13	Hyper Tech Research, Inc.	Magnesium Diboride for Next Generation MRI	\$ 5,000,000	\$ 4,292,881	\$ 5,527,751	\$ 5,589,312	11	0	10	0	21	\$ 54,558
04/27/13	Velocys, Inc.	Microchannel Hydroprocessing for Upgrading Biofuels, Petroleum Feedstock & Chemical Intermediates	\$ 4,000,000	\$ 3,566,382	\$ 5,142,207	\$ 3,232,100	0	0	4	7	11	\$ 97,000

ENTREPRENEURIAL SIGNATURE PROGRAM  
Establishes networks of entrepreneurial assistance services and investment capital within six Ohio geographies to accelerate the growth of early-stage Ohio technology companies  
February 2007 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary (All Jobs)
12/31/12	Development Projects Inc.	Entrepreneurial Signature Program	\$ 15,616,770	\$ 15,359,468	\$ 7,500,000	\$ 125,717,865	180	4	174	45	403	\$ 54,359
6/30/12	Northeast Ohio Technology Coalition	Building Business & Industry From Disruptive Technology	\$ 15,000,000	\$ 15,000,000	\$ 9,033,775	\$ 571,044,947	337	0	633	30	1060	\$ 60,978
6/30/12	TechColumbus, Inc.	Central Ohio Entrepreneurial Signature Program	\$ 15,000,000	\$ 14,943,444	\$ 7,500,000	\$ 205,607,692	283	12	90	21	386	\$ 62,565
12/31/12	Central Ohio Regional Chamber	Southeast Ohio Entrepreneurial Signature Program	\$ 14,800,000	\$ 14,800,000	\$ 7,421,882	\$ 254,927,490	11	0	247	48	306	\$ 78,145
9/6/13	JumpStart, Inc.	EAO Funding	\$ 1,000,000	\$ 1,000,000	\$ 1,132,145	\$ 3,684,488	15	0	40	6	61	\$ 61,210
7/27/11	Biocentrique Corporation	Biological Start-Ups in Northeast Ohio	\$ 600,000	\$ 600,000	\$ 900,000	\$ -	0	0	0	0	0	\$ -
7/27/11	JumpStart, Inc.	JumpStart EAO Success Fund	\$ 1,900,000	\$ 1,900,000	\$ 1,935,000	\$ 28,356,615	47	0	204	8	259	\$ 53,746
7/19/12	JumpStart, Inc.	Bioscience and the JumpStart Entrepreneurial Network	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 27,545,099	70	0	78	16	120	\$ 60,075
7/19/12	JumpStart, Inc.	Southwest Ohio Signature Program - The Next Generation	\$ 1,762,050	\$ 1,762,050	\$ 2,000,000	\$ 85,109,086	2	0	34	2	82	\$ 50,000
7/19/12	Central Ohio Regional Chamber	Energy and the JumpStart Entrepreneurial Network	\$ 2,000,000	\$ 2,000,000	\$ 300,000	\$ 9,740,000	0	0	0	0	0	\$ -
7/19/12	JumpStart, Inc.	The JumpStart and Third Frontier Entrepreneurial Network	\$ 300,000	\$ 300,000	\$ 865,000	\$ 22,454,857	17	0	48	4	69	\$ 53,547
12/31/12	JumpStart, Inc.	TechColumbus Continuity Initiative	\$ 865,000	\$ 865,000	\$ 1,613,845	\$ 10,432,631	115	0	62	36	213	\$ 44,934
12/31/12	TechColumbus, Inc.	TechColumbus Continuity Program	\$ 2,935,869	\$ 2,701,036	\$ 6,645,836	\$ 153,447,518	45	0	0	4	49	\$ 22,986
12/31/12	Ohio University	JumpStart Entrepreneurial Network, the Northeast Ohio Entrepreneurial Signature Program	\$ 12,195,500	\$ 11,903,771	\$ -	\$ -	202	0	0	12	214	\$ 35,978
12/31/12	JumpStart, Inc.	Signature Program	\$ 10,207,394	\$ 7,884,321	\$ 5,980,516	\$ 8,643,426	45	0	202	53	300	\$ 23,682
12/31/12	Rocket Ventures, LLC	Rocket Ventures ESP Continuity	\$ 150,000	\$ -	\$ -	\$ -	0	0	0	0	0	\$ -
12/31/14	TechColumbus	Central Ohio Entrepreneurial Signature Program 2.0	\$ 7,700,000	\$ -	\$ -	\$ -	0	0	0	0	0	\$ -
12/31/14	Development Projects, Inc.	Central Region Technology Entrepreneurial Ecosystem	\$ 7,700,000	\$ -	\$ -	\$ -	0	0	0	0	0	\$ -
12/31/14	JumpStart, Inc.	Northeast Ohio ESP New Continuation and Statewide Efforts	\$ 5,500,000	\$ -	\$ -	\$ -	0	0	0	0	0	\$ -
12/31/13	JumpStart, Inc.	Northeast Ohio ESP New Continuation and Statewide Efforts	\$ 12,000,000	\$ -	\$ -	\$ -	0	0	0	0	0	\$ -
12/31/13	Rocket Ventures, LLC	Rocket Ventures Services Continuation	\$ 1,000,000	\$ -	\$ -	\$ -	0	0	0	0	0	\$ -
12/31/14	Ohio University	TechGrowth Ohio Services III	\$ 3,000,000	\$ -	\$ -	\$ -	0	0	0	0	0	\$ -

**FUEL CELLS CLUSTER ROGRAM**  
 Supports R&D that addresses technical and cost barriers to market commercialization in Ohio of fuel cell components and systems  
 5/1/2003 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary (All Jobs)
12/31/05	EMTEC	Building the Domestic Infrastructure for Solid Oxide Fuel Cell Materials	\$ 846,861	\$ 846,861	\$ 565,346	\$ 13,561,000	1	1	5	0	7	\$ 60,000
09/30/05	SOFCO-EFFS Holdings, LLC	Sulfur-Tolerant Solid Oxide Fuel Cell Power Systems Operating on Distillate Fuels	\$ 775,286	\$ 775,286	\$ 837,914	\$ 2,516,494	0	0	0	0	7	\$ 55,800
12/31/05	WANNER, INC.	TMI Solid Oxide Fuel Cell Development and Commercialization Packaging a Current or Power Conversion & Distribution equipment receiver for Vehicle Electrification	\$ 979,000	\$ 979,000	\$ 531,698	\$ 3,725,081	0	0	5	1	11	\$ 66,875
12/31/06	ADVANCED ENERGY TECHNOLOGY INC	Volume Manufacturing for Commercialization of Flow Field Plates for PEM Fuel Cells	\$ 1,044,226	\$ 1,044,226	\$ 1,034,338	\$ 2,987,755	4	0	1	0	5	\$ 75,000
08/31/06	Metallena Partners, LLC	Cost-Effective Materials and Components for Solid Oxide Fuel Cells	\$ 988,426	\$ 988,426	\$ 1,049,907	\$ 6,941,882	33	2	2	0	35	\$ 60,000
12/31/06	ADVANCED ENERGY TECHNOLOGY INC	Commercializing PEM-LITE Systems, a Rapid, Cost-Effective Fuel Cell Tool	\$ 898,137	\$ 898,137	\$ 680,531	\$ 4,487,000	1	0	0	0	1	\$ 100,000
06/24/07	NexTech Materials, Ltd.	Auxiliary Power for Transportation: High Power Density SOFCs	\$ 602,044	\$ 602,044	\$ 357,296	\$ 1,552,869	2	1	1	0	3	\$ 75,000
12/31/08	Gratfield International, Ltd.	Development of a Unique Natural Graphite Gas Diffusion Layer for PEM Fuel Cells	\$ 719,200	\$ 719,200	\$ 664,267	\$ 3,484,351	5	2	1	0	7	\$ 55,000
01/24/08	EMTEC	Enabling Low Cost MEA Manufacturing for PEM Fuel Cells in Ohio	\$ 889,068	\$ 889,068	\$ 882,247	\$ 39,295,640	0	1	1	0	2	\$ 94,060
12/31/07	Metallena Partners, LLC	Nanostructural Cathode for High Performance Fuel Cell	\$ 346,913	\$ 346,913	\$ 345,253	\$ 938,170	3	0	0	0	3	\$ 54,000
11/30/07	Mound Technical Solutions, Inc.	DEV-Mig. & Comm. of World-Class Comprehensive Fuel Cell Test Systems in Ohio	\$ 600,000	\$ 600,000	\$ 387,454	\$ 47,577	3	0	2	0	5	\$ 40,560
10/31/08	Hydrogen Corporation	Manufacturing of Air-Cooled Phosphoric Acid Fuel Cells	\$ 1,000,000	\$ 1,000,000	\$ 522,715	\$ 230,000	15	0	0	0	15	\$ 60,000
08/30/08	SOFCO-EFFS Holdings, LLC	Advanced Components for Commercially Competitive Solid Oxide Fuel Cell Systems	\$ 999,841	\$ 999,841	\$ 499,617	\$ 7,847,977	3	0	14	3	20	\$ 88,000
10/1/08	EMTEC	Design for Manufacturability of TMI's SOFC System	\$ 1,000,000	\$ 1,000,000	\$ 1,003,645	\$ 3,405,388	1	0	7	0	8	\$ 68,000
04/1/08	OnPower, Inc.	1MW Solid Oxide Fuel Cell System Package Development, Integration, & Prototyping	\$ 919,892	\$ 919,892	\$ 918,982	\$ -	6	0	0	0	6	\$ 42,640
08/30/08	Permy Corporation	Polymer Electrolyte Membrane Fuel Cells for Maritime Low Cost, High Temperature Heat Exchanger and Reactor Platform for Fuel Cell Applications	\$ 775,300	\$ 775,300	\$ 566,280	\$ 50,000	1	0	0	0	1	\$ 108,000
12/31/08	NexTech Materials, Ltd.	High Efficiency Military Purpose Fuel Cells	\$ 751,719	\$ 751,719	\$ 376,561	\$ 115,177	0	0	2	0	2	\$ 70,000
05/31/11	University of Dayton	Accelerated Testing Demonstration for Market	\$ 999,927	\$ 999,927	\$ 512,686	\$ 5,348,000	2	0	1	0	3	\$ 85,000
09/30/09	Catecel Corporation	Heat Exchanger Demonstration on TMI Fuel Cell	\$ 499,986	\$ 499,986	\$ 259,223	\$ 352,287	0	0	2	0	2	\$ 60,000
09/30/09	NexTech Materials, Ltd.	H2S Sensor for Solid Oxide Fuel Cell Systems	\$ 250,000	\$ 250,000	\$ 200,371	\$ 58,778	0	0	2	0	2	\$ 78,000
09/07/10	Plug Power, Inc.	Hydrogen Fuel Cells in Industrial Vehicles	\$ 500,000	\$ 500,000	\$ 389,324	\$ 724,226	3	0	1	0	3	\$ 100,000
08/31/09	American Trim, LLC	Fuel Cell Plates via Electrodeposited Forming	\$ 998,870	\$ 998,870	\$ 469,843	\$ 1,341,271	2	0	5	0	7	\$ 54,140
09/30/09	Rolls-Royce Fuel Cell Systems (US), Inc.	Subsystem for a Marine Solid Oxide Fuel Cell System	\$ 998,870	\$ 998,870	\$ 499,843	\$ 4,864,855	1	0	4	0	5	\$ 88,000
12/31/10	UltraCell Corporation	Fuel Cell Systems for Extended Runtimes	\$ 999,125	\$ 999,125	\$ 464,052	\$ 1,421,680	0	0	4	0	4	\$ 28,735
09/30/09	Mound Technical Solutions, Inc.	Comprehensive Fuel Cell Test System Products	\$ 499,040	\$ 499,040	\$ 286,571	\$ 934,000	1	0	0	0	2	\$ 46,800
12/07/09	Weinman Products Group, Inc.	Fuel Cell Stack, Subassembly Manufacturing	\$ 1,000,000	\$ 1,000,000	\$ 844,795	\$ 13,169,452	36	0	1	0	36	\$ 26,554
06/30/11	Catecel Corporation	Desulfurizer-Embedded Processor for Logistic Fuels	\$ 613,457	\$ 613,457	\$ 308,142	\$ 107,292	0	0	1	0	1	\$ 85,000
09/07/09	Edison Welding Institute, Inc.	Metal Interconnects for Fuel Cells	\$ 999,962	\$ 999,962	\$ 500,000	\$ 722,000	0	0	0	0	0	\$ -
05/18/12	Veloys, Inc.	Manufacturing optimization and upgrading solutions, retooling retoolstock and development of Direct Carbon Fuel Cell Systems	\$ 1,000,000	\$ 1,000,000	\$ 657,944	\$ 6,235,782	15	0	1	0	15	\$ 77,344
06/07/10	Alcon Polymer Systems, Inc.	Development of Direct Carbon Fuel Cell Systems	\$ 349,644	\$ 349,644	\$ 189,139	\$ 811,968	0	0	6	0	6	\$ 90,821
10/21/10	Refactory Specialists, Inc.	High Purity, Robust Kiln Furniture for Low Cost SOFC Manufacturing	\$ 400,000	\$ 400,000	\$ 200,421	\$ -	0	0	4	0	4	\$ 32,500
08/19/10	Kent State University	Third Generation of PEFC Catalytic Layers	\$ 299,548	\$ 291,685	\$ 163,730	\$ 235,891	0	0	4	0	4	\$ 22,888
04/30/11	Gratfield International, Ltd.	Commercialization of Solid Oxide Fuel Cell Bipolar Plates via Rapid Prototyping	\$ 973,154	\$ 973,154	\$ 541,130	\$ 2,659,447	5	0	0	0	5	\$ 52,500
04/21/10	Crown Equipment Corporation	Qualification of Lift Trucks for Battery Replacement Fuel Cells	\$ 977,270	\$ 977,270	\$ 733,708	\$ 9,880,000	4	0	12	0	16	\$ 51,000
04/21/10	Rolls-Royce Fuel Cell Systems (US), Inc.	Development of a High Pressure Stack System for a Fuel Cell Module	\$ 1,000,000	\$ 1,000,000	\$ 1,632,589	\$ 11,394,856	1	0	5	1	7	\$ 87,500
08/30/10	Catecel Corporation	High Volume Coating Process for Fuel Cell Catalytic Inserts	\$ 445,614	\$ 445,614	\$ 223,786	\$ 1,545,511	7	0	6	0	13	\$ 52,800
10/21/10	Energy Technologies, Inc.	Development of a Robust Fuel Cell Generator for Military Applications	\$ 1,000,000	\$ 1,000,000	\$ 499,998	\$ 410,037	2	0	0	0	2	\$ 26,250
07/31/10	NexTech Materials, Ltd.	Cell Manufacturing for 100+ kW SOFC Power Generation Systems	\$ 1,000,000	\$ 1,000,000	\$ 1,300,051	\$ 2,625,360	4	0	3	0	7	\$ 60,000
04/21/10	American Trim, LLC	Agile Hybrid Joining of Fuel Cell Bipolar Plates-American Trim	\$ 1,000,000	\$ 1,000,000	\$ 793,196	\$ 1,843,080	3	0	11	0	14	\$ 54,000
06/12/11	Lockheed Martin Corporation	Military SOFC Genset Project	\$ 998,393	\$ 998,393	\$ 512,032	\$ 2,449,265	1	0	7	2	10	\$ 78,500
06/30/11	Battelle Memorial Institute	Solid Oxide Fuel Cell Power Generator Prototype	\$ 1,000,000	\$ 1,000,000	\$ 516,347	\$ 3,052,160	1	1	1	0	3	\$ 120,000
01/12/11	Logos Energy, Inc.	Improved Direct Carbon Fuel Cell (DCFC) Stack Efficiency	\$ 350,000	\$ 350,000	\$ 175,227	\$ -	3	0	1	0	3	\$ -
08/30/12	Energy Technologies, Inc.	Metal Hydride Fuel Cell Stack & Systems	\$ 1,000,000	\$ 1,000,000	\$ 499,999	\$ 1,635,580	1	0	0	0	1	\$ 26,520
01/12/12	Ohio State University Research Foundation	Membrane Electrolyte Assembly and Direct Boronhydride	\$ 359,000	\$ 359,000	\$ 183,424	\$ -	0	2	0	0	2	\$ 29,448
09/30/11	Rolls-Royce Fuel Cell Systems (US), Inc.	Internal Steam Reforming for 1MW Solid Oxide Fuel Cell Electric Power System	\$ 600,000	\$ 600,000	\$ 400,800	\$ 513,000	0	0	1	0	1	\$ 69,270
09/30/11	Crown Equipment Corporation	Development of an Integrated Fuel Cell Forklift Truck	\$ 1,000,000	\$ 1,000,000	\$ 1,188,456	\$ -	1	0	0	0	1	\$ 60,000
06/30/12	Energy Technologies, Inc.	Testing Metal Hydride Fuel Cells	\$ 1,000,000	\$ 711,438	\$ 722,975	\$ -	0	0	1	6	7	\$ 26,520
06/30/12	LG Fuel Cell Systems, Inc.	Reliability of Fuel Cells for Commercial Megawatt Scale SOFC Power Systems	\$ 999,770	\$ 743,317	\$ 889,769	\$ 12,868,620	0	0	0	0	0	\$ 85,270
12/28/12	NexTech Materials, Ltd.	Improving the Manufacturing Readiness of Next-Gen SOFC Stack Technology	\$ 1,490,000	\$ 1,271,066	\$ 1,437,438	\$ 4,437,942	7	0	1	0	8	\$ 48,000
01/25/12	Carlisle Brake & Friction Inc.	Phosphoric Fuel Cell Stack Material Cost Reduction	\$ 883,252	\$ 883,252	\$ 887,541	\$ 522,229	1	0	0	1	2	\$ 75,000
01/25/12	Lockheed Martin Corporation	Millipore SOFC Regeneration	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,302,980	0	0	6	3	9	\$ 78,800
01/25/12	UltraCell Corporation	Production	\$ 1,000,000	\$ 1,000,000	\$ 99,332	\$ -	0	0	0	0	0	\$ -
03/14/13	LG Fuel Cell Systems, Inc.	Automation and Demonstration of Pilot-Scale Manufacturing of SOFCs	\$ 999,875	\$ 746,394	\$ 884,979	\$ 5,632,246	2	0	0	0	2	\$ 85,270
05/09/13	American Trim	Low Cost Manufacturing System for Fuel Cell Components	\$ 694,263	\$ 375,531	\$ 275,210	\$ 2,229,272	2	0	5	0	7	\$ 54,140
05/09/13	Battelle Memorial Institute	Improving the Manufacturing Readiness of a Solid Oxide Fuel Cell Primary Power	\$ 1,000,000	\$ 82,763	\$ 370,317	\$ 100,000	1	1	1	1	4	\$ 90,000
05/09/13	Lockheed Martin Corporation	Military SOFC Genset Commercialization	\$ 1,000,000	\$ 753,809	\$ 1,171,473	\$ 3,680,177	0	0	10	1	11	\$ 78,900

INDUSTRIAL RESEARCH AND DEVELOPMENT CENTER PROGRAM  
Attraction and retention of major corporate, non-profit or federal research and development centers  
June 2010 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary (All Jobs)
06/14/15	University of Dayton	Electrical Power Integrated Systems Center (EPISCENTER)	\$ 7,612,500	\$ 396,796	\$ 2,140,000	\$ 1,632,331	3	1	0	5	9	\$ 75,000
10/29/15	Case Western Reserve University	Global Advanced Imaging Innovation Center	\$ 5,000,000	\$ 4,750,000	\$ 17,072,309	\$ -	0	7	10	0	17	\$ 80,000
11/22/15	Stark State College of Technology	Wind Energy Research and Development Center-RDCAP	\$ 1,228,417	\$ 450,155	\$ 2,026,821	\$ 3,288,115	0	0	239	0	239	\$ 33,000
06/30/16	Wright State University	Human Performance Consortium Research & Development Center	\$ 1,708,944	\$ 567,157	\$ 1,163,174	\$ 16,000,795	49	2	0	2	53	\$ -
06/13/16	The Ohio State University	Microwave Assisted Thermal Sterilization-The Worrick Company	\$ 1,717,612	\$ 480,000	\$ 578,432	\$ -	2	0	0	1	3	\$ 65,000
12/31/16	Philips Medical Systems Cleveland, Inc.	Philips Global SPECT R&D Hub	\$ 5,000,000	\$ 2,500,000	\$ 2,500,000	\$ -	71	0	0	0	71	\$ 87,742
05/07/15	University of Cincinnati	General Electric Aviation Research Center	\$ 5,000,000	\$ -	\$ -	\$ -	0	0	0	0	0	\$ -
07/29/17	Michemair, Inc.	Advanced Materials Collaboration Center	\$ 2,494,892	\$ -	\$ -	\$ -	0	0	0	8	0	\$ -
							125	10	249	8	392	

OPEN INNOVATION INCENTIVE  
 Assists Ohio middle market companies with in-sourcing of innovations from other groups or companies to overcome technical obstacles  
 August 2012 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary (All Jobs)
08/20/14	NineSigma, Inc. <a href="http://yeatz.com">yeatz.com</a> , Inc.	Intermediary Services to Ohio Middle Market Technology Companies	\$ 2,097,563	\$ 273,292	\$ -	\$ -	0	0	0	0	0	\$ -

OHIO'S NEW ENTREPRENEURS (ONE) FUND  
 Recruitment of young entrepreneurs to work under the guidance of seasoned entrepreneurs, industry experts and investors  
 March 2012 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary (All Jobs)
12/14/12	Goldstein Caldwell & Associates, LLC	LaunchHouse Institute Accelerator	\$ 200,000	\$ 200,000	\$ -	\$ 50,000	0	0	0	0	0	\$ -
09/28/12	The Ohio State University	The 10-xelerator (10x)	\$ 180,000	\$ 180,000	\$ -	\$ 4,805,000	14	0	0	0	14	\$ 35,000
10/31/12	Main Street Ventures	The Brandy	\$ 200,000	\$ 200,000	\$ -	-	0	0	0	0	0	\$ -
09/28/12	Innov8 For Health, Inc.	Innov8 For Health Accelerator	\$ 160,000	\$ 160,000	\$ -	-	2	0	0	0	2	\$ -

OHIO RESEARCH COMMERCIALIZATION GRANT PROGRAM  
Improves the commercial viability of technologies developed through various federal small business research, technology transfer and advanced technology programs  
May 2004 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary (All Jobs)
05/17/06	NextTech Materials, Ltd.	Commercialization of Planar Solid Oxide Fuel Cell Elements for Ohio's Future	\$ 175,000	\$ -	\$ -	\$ 4,909,933	0	0	1	0	1	\$ 55,000
12/31/08	Cleveland Medical Devices, Inc.	Emergency Medical Brain Monitor with telemetry	\$ 174,791	\$ 174,792	\$ 62,135	\$ 8,999,135	12	0	2	2	16	\$ 89,215
12/31/06	SIERRA LOBO INC	Commercialization of the CVO-Tracker Mass Gauging System	\$ 174,965	\$ 174,965	\$ 67,700	\$ 2,958,911	3	0	0	0	3	\$ 70,000
05/17/07	Biorac, Inc.	Commercialization of two Nanopowdered Powders for Non-Nuclear Markets	\$ 175,000	\$ 175,000	\$ 120,000	\$ 4,178,000	6	0	12	0	20	\$ 63,500
05/17/06	Orbital Research, Inc.	Novel Edt Emission Detection Device	\$ 174,985	\$ 174,985	\$ -	\$ 2,550,000	3	0	0	0	3	\$ 190,000
05/17/06	Orbital Research, Inc.	Commercialization of In-Cylinder Pressure Sensor for Improved Fuel Economy and Reduced Emission	\$ 174,956	\$ 174,995	\$ -	\$ 3,959,793	2	0	6	1	9	\$ 85,000
05/17/06	Clifton Labs, Inc.	Real-time Location Systems Using Light Emission Adaptive Device	\$ 174,705	\$ 174,705	\$ 17,484	\$ 1,820,280	1	0	0	0	1	\$ 45,000
12/31/06	Cleveland Medical Devices, Inc.	A New Device for Neurological Sleep Studies	\$ 170,000	\$ 170,000	\$ 544,048	\$ 13,191,956	3	0	0	0	3	\$ 85,000
09/30/06	Exora Materials Group, Inc.	Rockin Pad for Unintended Horse Sleep Studies	\$ 172,000	\$ 170,000	\$ 104,213	\$ 6,420,755	5	0	2	0	7	\$ 67,667
05/17/06	Exora Materials, Ltd.	Creating an Effective Ohio-based Supply Chain for Ballistic Armor Manufacturing	\$ 175,000	\$ 164,791	\$ 96,377	\$ 5,849,494	0	0	0	0	0	\$ -
04/30/07	Applied Sciences, Inc.	Commercialization of Tubular Components for Fuel Cells and Oxygen Generators	\$ 175,000	\$ 175,000	\$ -	\$ 5,849,590	7	0	0	0	7	\$ 43,712
04/30/07	Biomec, Inc.	Low Cost Carbon Nanofiber Production	\$ 174,657	\$ 174,657	\$ 227,074	\$ 7,333,970	0	0	0	0	0	\$ -
04/30/07	Biomec, Inc.	Commercialization of a New Biomaterial for Blood Pumps	\$ 173,802	\$ 173,802	\$ -	\$ 8,603,788	4	0	0	0	4	\$ 31,200
09/31/07	FARADAY TECHNOLOGY INC	Memory Magic Game	\$ 175,000	\$ 175,000	\$ -	\$ 5,400,808	3	0	4	0	7	\$ 75,000
04/30/07	Hyper Tech Research, Inc.	Commercialization of an Advanced Semiconductor Business & Marketing Dvypmt for Comm. MGB2 Superconducting Wires for Med. Pwr. & Population	\$ 157,475	\$ 157,475	\$ -	\$ 450,000	0	0	2	0	2	\$ 67,815
04/30/07	Imaging Systems Technology, Inc.	High Volume Sphere Handling Equipment for the Comm. of Large Area Flexible Plasma	\$ 174,756	\$ 174,756	\$ -	\$ 5,051,916	4	0	0	0	4	\$ 53,511
04/30/07	MOUND LASER & PHOTONICS CENTER INC	Commercialization of Laser-Based Microfabrication Technologies	\$ 174,673	\$ 174,673	\$ -	\$ 2,232,000	4	0	2	2	8	\$ 60,500
09/30/07	Nextech Materials, Ltd.	Direct Fuel Power Module A FC for Portable Power Applications	\$ 175,000	\$ 175,000	\$ -	\$ 11,800,452	38	0	2	2	40	\$ 50,554
07/31/07	Orbital Research, Inc.	Dry Electrodes for Cardiovascular Disease Management and Prevention	\$ 174,990	\$ 174,990	\$ -	\$ 505,840	1	0	1	0	2	\$ 84,000
04/30/08	SRRCO INC	Transitioning Homeland Security Sensor System	\$ 174,797	\$ 174,797	\$ -	\$ 1,972,935	12	0	2	0	14	\$ 54,500
12/30/08	Welcore Technologies, Inc.	Accelerating Ohio's Composite Manufacturing Growth	\$ 175,000	\$ 175,000	\$ -	\$ 12,579,615	3	0	0	0	3	\$ 65,533
03/31/10	Aphaltron, Inc.	ParkinSense: Quantitative Movement Disorder Assessment System	\$ 248,193	\$ 248,193	\$ 95,628	\$ 4,228,482	3	0	1	0	4	\$ 56,812
12/31/08	Kent Displays, Inc.	Digital Mirror Commercialization	\$ 350,000	\$ 350,000	\$ -	\$ 9,275,000	0	0	0	0	0	\$ 18,533
06/30/08	Syscom Technology, Inc.	Market Entry and Initial Commercialization of Conductive Metal-clad Polymer Fiber	\$ 349,600	\$ 349,600	\$ -	\$ 7,418,099	1	0	2	0	3	\$ 64,000
06/30/09	Powdermel, Inc.	Light Weight Synthetic Foam (Synfoam) Product Commercialization and Production Capability Scale Up	\$ 350,000	\$ 350,000	\$ -	\$ 3,160,856	1	0	2	2	5	\$ 70,525
06/30/10	Wright Materials Research Company	Commercialization for Lightweight Foamed Composites for Ballistic Protection	\$ 350,000	\$ 350,000	\$ 19,175	\$ 350,000	5	0	0	0	5	\$ 33,500
12/31/08	Technology Management, Inc.	Accelerated Business Development for Commercialization of Thin SOFC Systems	\$ 350,000	\$ 349,223	\$ -	\$ 299,970	2	0	0	0	2	\$ 187,500
02/21/10	Nextech Materials, Ltd.	Method for Manufacturing Ceramic Parts	\$ 350,000	\$ 350,000	\$ -	\$ 60,000	6	0	1	1	8	\$ 48,200
06/04/10	Zin Technologies, Inc.	VMetrics - Market Entry A Biomedical/Healthcare	\$ 344,513	\$ 344,513	\$ -	\$ 2,958,900	0	0	0	0	0	\$ 69,000
06/04/10	Frontier Technology, Inc.	Normet Prognostic Health Management	\$ 349,812	\$ 349,812	\$ -	\$ 408,000	6	0	3	2	11	\$ 64,235
06/04/10	Hyper Tech Research, Inc.	Fault Current Limiter Coils and Components	\$ 350,000	\$ 350,000	\$ -	\$ 1,820,703	2	0	0	0	2	\$ 57,519
06/30/10	Corneisons Research Group, Inc.	Shape Memory Polymer Technology	\$ 350,000	\$ 350,000	\$ 232,169	\$ 2,617,892	22	0	0	0	22	\$ 30
02/28/10	Acor Orthopaedic, Inc.	Commercialization of the TracContour Therapeutic Insole System	\$ 350,000	\$ 350,000	\$ -	\$ 604,118	6	0	1	0	7	\$ 34,000
06/02/10	Think-A-Kove, Ltd.	Commercialization of Hands-Free Technology	\$ 350,000	\$ 350,000	\$ 970,688	\$ 2,666,861	2	0	0	4	6	\$ 72,000
12/31/11	LSP Technologies, Inc.	Commercialization Laser Bond Inspection Technology	\$ 350,000	\$ 350,000	\$ 72,599	\$ 2,645,501	4	0	1	1	6	\$ 70,000
06/02/10	Spectra Group Limited, Inc.	Market Growth for Advanced Polyolefins	\$ 350,000	\$ 350,000	\$ -	\$ 2,545,501	4	0	0	1	6	\$ 44,988
12/31/10	L-3 Communications Nova Engineering Inc.	Handheld Emissions Detector (HED) Commercialization Program	\$ 350,000	\$ 350,000	\$ -	\$ 1,991,231	0	0	3	0	3	\$ 75,000
06/02/10	Synco Medical Innovations, Inc.	Commercialization of the Gabriel Magnetically Guided Feeding Tube	\$ 350,000	\$ 350,000	\$ -	\$ 2,995,000	4	0	0	0	4	\$ 71,250
09/30/11	UES, Inc.	TitanCoat for Automobile Manufacturers	\$ 339,588	\$ 339,588	\$ 311,664	\$ 758,897	3	0	0	0	3	\$ 118,165
12/02/10	FOPAT, LLC	Rapid Commercialization of Advanced Foam Pattern Material	\$ 349,992	\$ 349,992	\$ 2,097,579	\$ 2,947,254	5	0	0	0	5	\$ 37,961
05/18/12	Force Robots, LLC	Intelligent Robotic Machining	\$ 350,000	\$ 350,000	\$ 250,000	\$ -	1	0	0	0	1	\$ 60,000
12/31/11	Kelly Aerospace Thermal Systems, LLC	Wind Turbine Blade De-Icing System	\$ 300,239	\$ 300,239	\$ 175,759	\$ 1,119,797	1	0	1	1	3	\$ 40,000
05/18/11	Nanotek Instruments, Inc.	Commercialization of Nano Graphene Composite Electrodes for Lithium Ion Batteries	\$ 349,998	\$ 349,998	\$ 290,941	\$ 2,519,808	10	0	4	0	14	\$ 54,519
05/18/11	Acme Express, Inc.	Healthcare IT Industry and Healthcare Costs	\$ 349,900	\$ 349,900	\$ 394,811	\$ 1,493,500	2	0	2	0	4	\$ 67,000
05/18/12	Performance Polymer Solutions, Inc.	High Temperature Structural Adhesives	\$ 350,000	\$ 350,000	\$ -	\$ 915,000	1	0	0	0	1	\$ 46,000
05/18/12	Brighton Technologies Group, Inc.	Commercialization of Surface Energy Probe	\$ 350,000	\$ 350,000	\$ 416,041	\$ 1,224,334	2	0	0	0	2	\$ 65,000

OHIO RESEARCH SCHOLARS PROGRAM  
Attraction of leading research talent to contribute to the growth of research centers of excellence within Ohio's academic institutions  
August 2008 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary (All Jobs)
08/18/13	Cleveland State University	Molecular Cardiovascular Innovation	\$ 900,000	\$ 520,135	\$ 838,826	\$ 8,835,061	4	2	4	0	10	\$ 72,000
08/18/13	Kent State University	Research Cluster on Surfaces in Advanced Materials	\$ 15,292,382	\$ 12,014,492	\$ 13,880,908	\$ 17,059,529	0	9	0	0	9	\$ 75,656
08/18/13	University of Cincinnati	Population & Advanced Life Management Systems	\$ 27,492,308	\$ 12,042,110	\$ 7,609,369	\$ 3,854,282	0	8	0	1	9	\$ 166,665
08/04/13	University of Toledo	Innovative Immunosuppressive Therapeutics	\$ 3,000,000	\$ 2,605,936	\$ 6,323,569	\$ 4,390,224	0	11	1	0	12	\$ 55,290
08/18/13	University of Toledo	Development and Evaluation of Spinal Implants	\$ 4,463,462	\$ 42,277	\$ 343,122	\$ 6,457,543	5	25	18	1	49	\$ 60,000
08/18/13	University of Toledo	Northwest Ohio Innovators in Thin Film Photovoltaics	\$ 8,938,462	\$ 2,500,000	\$ -	\$ 8,736,107	0	14	0	1	15	\$ 40,357
08/18/13	Ohio State University Research Foundation	Technology-Enabling and Emergent Materials	\$ 16,728,846	\$ 10,233,444	\$ 3,720,925	\$ 2,347,974	0	0	31	3	34	\$ 70,665
08/18/13	Ohio State University Research Foundation	Advanced Energy Systems via Green Industrialization	\$ 10,476,924	\$ 7,813,689	\$ 5,194,281	\$ 3,404,206	0	6	0	0	6	\$ 47,543
08/18/13	Ohio State University Research Foundation	Imaging Research & Innovation Network	\$ 19,867,308	\$ 10,113,262	\$ 3,749,136	\$ 12,435,990	0	19	0	0	19	\$ 111,300
08/18/13	University of Dayton	Ohio Academic Research Cluster for Layered Sensing	\$ 24,348,718	\$ 18,026,282	\$ 12,616,898	\$ 11,252,159	0	32	0	0	32	\$ 93,000
01/12/14	The University of Akron Research Foundation	Orthopaedic Research Cluster of Northeast Ohio	\$ 8,576,924	\$ 454,826	\$ 1,376,987	\$ 875,500	0	14	0	1	15	\$ 65,343

PRE-SEED FUND CAPITALIZATION PROGRAM  
Increases availability of professionally managed capital and associated services to accelerate the growth of early-stage Ohio technology companies  
June 2000 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary (All Jobs)
06/01/03	SciTech	SciTech Tech Validation Fund	\$ 825,000	\$ 832,500	\$ 986,327	\$ 20,530,000	4	0	0	0	4	\$ 85,000
06/03/13	TechColumbus, Inc.	TechColumbus Reservoir Fund	\$ 1,625,000	\$ 1,625,000	\$ 18,375,000	\$ 350,975,959	276	0	0	15	291	\$ 62,600
06/01/02	Early Stage Partners	0	\$ 1,625,000	\$ 1,625,000	\$ 40,872,501	\$ 284,930,000	280	0	0	0	280	\$ 70,000
12/31/07	Science & Technology Campus Corporation	SciTech Technology Validation Fund	\$ 350,000	\$ 350,000	\$ 373,132	\$ 8,723,866	19	0	0	0	19	\$ 79,333
09/30/06	ENTREPRENEURS FUND LLC	E-Fund Capitalization Project	\$ 1,000,000	\$ 1,000,000	\$ 1,016,962	\$ 60,927,400	222	3	186	0	411	\$ 54,778
12/31/13	Reservoir Ventures Partners II, LP	Reservoir Ventures Partners II	\$ 1,150,000	\$ 1,150,000	\$ 23,850,000	\$ 144,774,431	204	0	128	0	332	\$ 56,800
06/01/09	SciTech & Technology Campus Corporation	1st Filly Validation Fund	\$ 1,000,000	\$ 1,000,000	\$ 1,453,878	\$ 31,156,461	43	0	0	0	43	\$ 80,237
09/30/05	BIOSCIENCE CORPORATION	Cleveland Clinic Foundation	\$ 342,650	\$ 1,080,000	\$ 1,453,878	\$ 91,183,978	50	0	0	0	50	\$ 89,308
09/30/10	Case Western Reserve University	Case Western Reserve Reservoir Fund I	\$ 942,000	\$ 942,000	\$ 1,345,530	\$ 48,552,081	50	0	0	0	50	\$ 94,763
12/31/06	QCA First Fund, LLC	QCA First Fund	\$ 979,000	\$ 979,000	\$ 979,000	\$ 139,939,000	39	0	0	2	41	\$ 82,939
12/1/06	QCA FIRST OHIO TECHNOLOGY COALITION	NEOprenur Technology Validation Fund	\$ 1,162,111	\$ 1,179,276	\$ 756,511	\$ 23,913,489	31	0	10	1	42	\$ 76,512
01/24/12	Blue Chip Venture Company, Ltd	Blue Chip Validation Fund	\$ 1,000,000	\$ 1,000,000	\$ 500,000	\$ 106,855,110	110	0	12	8	130	\$ 94,095
01/24/12	Cleveland Clinic Foundation	BioValidation Fund	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 23,287,360	8	0	0	0	8	\$ 65,500
01/24/13	Diaper Triangle Partners II, LLC	Diaper Triangle Ventures II, LP	\$ 1,000,000	\$ 971,976	\$ 71,636,364	\$ 159,880,448	137	0	19	0	156	\$ 89,674
01/24/12	Ohio TechAngel Fund, LLC	Ohio TechAngel Fund	\$ 1,000,000	\$ 1,000,000	\$ 1,650,000	\$ 272,502,910	292	0	11	0	303	\$ 77,406
07/08/09	QCA First Fund II, LLC	Queen City Angels First Fund II	\$ 1,000,000	\$ 1,000,000	\$ 500,000	\$ 77,473,590	68	0	4	4	72	\$ 94,426
01/24/12	Children's Hospital Medical Center	05 Tomorrow Fund	\$ 500,000	\$ 500,000	\$ 450,000	\$ 12,852,475	36	0	0	3	39	\$ 92,024
01/24/08	JumpStart, Inc.	2005 JumpStart Evergreen Technology Validation Fund	\$ 500,000	\$ 508,550	\$ 582,723	\$ 33,279,495	36	0	2	2	40	\$ 65,482
05/30/13	JumpStart, Inc.	2006 JumpStart Evergreen Technology Validation Fund	\$ 2,000,000	\$ 2,000,000	\$ 1,000,000	\$ 88,123,240	147	0	14	17	178	\$ 72,943
05/22/13	TechColumbus, Inc.	TechColumbus Regional Commercialization Fund	\$ 1,500,000	\$ 1,500,000	\$ 750,000	\$ 7,458,765	51	0	0	1	52	\$ 69,503
05/31/13	University of Cincinnati	Southern Ohio Creates Companies Pre-Seed Fund	\$ 1,100,000	\$ 950,000	\$ 550,000	\$ 14,289,600	4	0	27	12	43	\$ 49,950
06/04/11	JumpStart, Inc.	NCT Pre-Seed Initiative	\$ 1,985,921	\$ 2,000,000	\$ -	\$ 609,662	52	0	28	0	80	\$ 64,626
06/30/12	North Coast Angel Fund, LLC	JumpStart Pre-Seed Fund	\$ 2,000,000	\$ 2,000,000	\$ 1,162,053	\$ 92,928,613	65	0	35	5	105	\$ 91,268
09/08/13	Children's Hospital Medical Center	07 Tomorrow Fund	\$ 2,000,000	\$ 1,900,789	\$ 950,395	\$ 158,282,962	281	0	27	0	308	\$ 88,550
09/08/13	Lorain County Community College	Innovation Alliance Fund	\$ 500,000	\$ 500,000	\$ 500,000	\$ 33,137,078	15	0	4	4	23	\$ 98,370
09/08/13	JumpStart, Inc.	JumpStart Pre-Seed Fund 09-033	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 55,465,341	16	0	0	9	25	\$ 80,454
09/08/13	Emerging Market Fund	Emerging Market Fund, LLC	\$ 500,000	\$ 425,000	\$ 212,500	\$ 28,198,675	16	0	36	19	71	\$ 75,370
09/08/13	OCA First Fund III, LLC	OCA First Fund III	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 59,448,123	72	0	0	5	77	\$ 75,326
09/08/13	NCT Ventures Fund I LP	NCT Ventures Fund I LP	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 5,444,628	11	0	0	0	11	\$ 66,266
07/27/11	Lorain County Community College	Innovation Fund	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 54,173,867	141	0	141	43	325	\$ 54,430
01/27/13	Ohio TechAngel Fund III, LLC	Ohio TechAngel Fund III	\$ 1,625,000	\$ 1,300,000	\$ 1,325,000	\$ 26,103,881	64	0	3	67	83	\$ 67,055
07/27/11	TechColumbus, Inc.	TechColumbus PreSeed Fund II	\$ 900,000	\$ 900,000	\$ 450,000	\$ 2,133,789	24	0	5	5	35	\$ 35,131
07/27/11	JumpStart, Inc.	JumpStart Existing PreSeed Fund	\$ 675,000	\$ 675,000	\$ 337,500	\$ 17,449,664	27	0	3	10	40	\$ 69,051
01/19/13	Cleveland Clinic Foundation	BioValidation Fund II	\$ 800,000	\$ 800,000	\$ 2,203,091	\$ 73,235,110	172	0	17	0	189	\$ 77,387
07/19/13	TechColumbus, Inc.	TechColumbus Pre-Seed Fund III	\$ 500,000	\$ 423,750	\$ 423,750	\$ 713,496	32	0	2	2	34	\$ 36,733
07/19/13	Cleveland Clinic Foundation	Ohio Tech Angel Fund III, LLC	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 60,750,487	109	0	0	0	109	\$ 80,438
07/19/13	Cleveland Clinic Foundation	Ohio Tech Angel Fund III	\$ 2,000,000	\$ 884,656	\$ 884,656	\$ 76,219,479	75	0	9	0	84	\$ 69,582
03/14/14	TechColumbus, Inc.	North Coast Angel Fund II, LLC	\$ 2,000,000	\$ 1,616,193	\$ 1,616,193	\$ 1,616,193	7	0	0	0	7	\$ 71,333
03/14/14	Cleveland Clinic Foundation	Ohio BioValidation Fund IV	\$ 2,000,000	\$ 1,117,500	\$ 1,117,500	\$ 9,559,663	4	0	0	0	4	\$ 52,458
03/14/14	Cincinnati USA Regional Chamber	Omniotech Fund II	\$ 3,656,869	\$ 3,142,355	\$ 2,580,542	\$ 2,580,542	2	0	0	0	2	\$ 80,000
03/14/14	Childrens Hospital Medical Center	NDI Healthcare Fund Capitalization Project	\$ 2,000,000	\$ 233,478	\$ 233,478	\$ 486,000	6	0	4	4	6	\$ 80,604
03/14/14	NDI Healthcare Fund, LLC	NDI Healthcare Fund II - Cont'd	\$ 2,000,000	\$ 1,257,027	\$ 3,804,236	\$ 14,284,333	6	0	13	0	22	\$ 104,604
03/14/14	North Coast Angel Fund II	JumpStart Evergreen Fund Continuation	\$ 2,000,000	\$ 244,000	\$ 244,000	\$ -	24	0	0	0	24	\$ 64,502
03/14/14	JumpStart, Inc.	JumpStart Evergreen Fund Continuation	\$ 2,000,000	\$ 1,500,000	\$ 1,500,000	\$ 4,627,627	24	0	30	20	74	\$ 64,502
03/14/14	Lorain County Community College Foundation	Innovation Fund - Expanding Innovation Fund Awards and Collaboration	\$ 2,000,000	\$ 880,000	\$ 487,500	\$ 2,868,187	92	0	92	18	202	\$ 33,927

PHOTOVOLTAICS CLUSTER PROGRAM  
Supports R&D that addresses technical and cost barriers to market commercialization in Ohio of photovoltaics components and systems  
January 2010 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary (All Jobs)
01/25/12	Five Star Technologies, Inc.	Commercialization of Specialty Electronic Inks for Advances in Photovoltaic Technology	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	0	0	0	0	0	\$ -
01/25/12	Glass Tech, Inc.	Commercialization of Heat Treating Process to Strengthen Large, Thinner Glass Substrates for PV Panels	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	0	0	0	0	0	\$ -
07/31/12	Ferro Corporation	Advanced Durability Sealing Systems for Solar Cells	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 87,000	2	1	2	0	5	\$ 60,000
03/28/13	Replex Mirror Company	Low-Cost Low-Concentration Photovoltaic (LC2PV) Systems for Mid-Northern Latitudes	\$ 1,257,500	\$ 1,140,579	\$ 1,211,882	\$ 1,925	2	0	1	0	3	\$ 47,500
07/25/12	Xunlight Corporation	Next Generation Solar Module Manufacturing Technology	\$ 999,271	\$ 999,271	\$ 1,141,638	\$ 1,650,000	9	0	0	0	9	\$ 37,200
03/29/13	SCI Engineered Materials, Inc.	Commercialization of Advanced Attachment Technology for Rotatable Ceramic Spinning Ranges	\$ 775,400	\$ 672,803	\$ 922,649	\$ 360,222	1	0	0	0	1	\$ 29,120
03/14/13	Greenfield Solar Inc.	Low Cost Concentrated PV Design	\$ 1,000,000	\$ 796,282	\$ 784,386	\$ 3,130,285	0	0	14	1	14	\$ 52,637
03/14/13	Case Western Reserve University	Mirror-Adapted Solar Photovoltaic Systems: Durability and Lifetime Validation	\$ 899,818	\$ 430,720	\$ 466,422	\$ -	0	0	0	0	0	\$ -
05/09/13	Tom Richards, Inc., dba Process Technology	Commercialization of In-Line Heater for Use in Photovoltaic Solar Cell Manufacturing	\$ 357,713	\$ 218,180	\$ 196,634	\$ -	3	0	0	0	3	\$ 62,000
03/14/13	Energy Focus, Inc.	High Efficiency Photovoltaic Enabled Off-Grid System	\$ 1,000,000	\$ 489,413	\$ 563,502	\$ 2,600,000	2	0	4	0	7	\$ 45,000
03/14/13	Dye Inc Solar, Inc.	Dye-Sensitized PV Architectural Glass	\$ 950,000	\$ 950,000	\$ 950,000	\$ -	10	0	0	0	10	\$ 94,600

THIRD FRONTIER ACTION FUND  
Provides financial support to projects that contribute to technology-based economic development  
June 2002 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary (All Jobs)
06/30/07	COPERNICUS THERAPEUTICS INC	Pulmonary Gene Transfer: Aerosol Development	\$ 1,085,164	\$ 1,085,164	\$ 503,088	\$ 7,213,340	6	0	0	0	6	\$ 44,583
09/30/05	LEADSCOPE INC	Chemical Genomics Discovery Platform with Novel Informatics Methods to Link Genes to Drugs	\$ 721,411	\$ 721,411	\$ 369,382	\$ 5,928,000	0	0	14	0	14	\$ 77,000
03/31/05	Hyper Tech Research, Inc.	Development and Commercialization of Low Cost, Long Length Superconductors	\$ 800,000	\$ 800,000	\$ 1,340,578	\$ 918,026	13	0	3	0	16	\$ 43,443
01/31/05	IMMULUX CORPORATION	Development of Optical Coherence Tomography in Management of Cervical and Vulvar Cancer	\$ 542,000	\$ 542,000	\$ 271,001	\$ 18,430,000	8	0	0	0	8	\$ 95,000
06/30/05	GENE EXPRESS INC	Commercialization of Services and Reagents for Standardized RT-PCR	\$ 979,000	\$ 979,000	\$ 881,868	\$ 10,267,582	12	0	0	0	12	\$ 89,921
06/30/05	POLY DISPLAY INC	Ultra-Thin Full Color Flexible Liquid Crystal Displays	\$ 375,725	\$ 375,725	\$ 202,293	\$ 531,000	1	1	0	0	2	\$ 20,000
06/30/06	UNIVERSITY HOSPITALS OF CLEVELAND	Genetically Eng. Cell Lines for Improving Influenza Vaccine Production & Rapid Respiratory Virus Det	\$ 401,390	\$ 401,390	\$ 219,322	\$ 120,000	2	2	4	0	8	\$ 46,000
09/30/05	THEKEN SPINE LLC	Spinal Implant Development	\$ 713,233	\$ 713,233	\$ 1,119,534	\$ 6,450,000	5	2	0	0	7	\$ 60,000
12/31/05	YSI, Inc.	Rapid Detection of Bioterrorism Agents in Water Supplies	\$ 904,141	\$ 904,141	\$ 512,344	\$ 2,160,000	0	0	2	0	2	\$ 70,000
12/1/05	WESTERN DATACOM CO INC	Secure IP Network Project	\$ 774,741	\$ 774,741	\$ 382,000	\$ -	0	0	0	0	0	\$ -
12/1/05	NDI MEDICAL LLC	Implantable Neuromodulation System for Urinary Incontinence	\$ 924,491	\$ 924,491	\$ 1,332,182	\$ 14,302,611	39	0	0	0	39	\$ 77,554
12/1/05	Imaging Systems Technology, Inc.	Commercialization of Low Cost Plasma Displays Using Microspheres	\$ 622,932	\$ 622,939	\$ 1,861,194	\$ 3,875,000	11	1	5	0	17	\$ 60,000
12/31/06	PHYLOGENY INCORPORATED	Tissue Microarray Commercialization	\$ 1,128,242	\$ 1,128,242	\$ 789,897	\$ 1,800,000	6	2	0	0	7	\$ 30,000
12/1/05	COOLING TECHNOLOGIES INC	Market Introduction of Alternative Energy Absorption Cooling for Distributed Generation	\$ 483,700	\$ 484,213	\$ 242,811	\$ 425,000	2	0	0	0	2	\$ 87,500
09/30/08	Superconductive Components, Inc.	Commercialization of Low Cost Ceramic Sputtering Targets for Lithium Thin Battery Manufacture	\$ 1,175,321	\$ 1,175,321	\$ 1,350,271	\$ 3,852,712	2	0	0	0	2	\$ 58,480
12/1/06	OPTICAST INC	Commercialization of Spectacle Lenses	\$ 859,691	\$ 859,691	\$ 711,462	\$ 3,204,781	14	0	0	0	14	\$ 54,375
12/1/06	BIOPROCESSING INNOVATIVE COMPANY INC	Low Cost Bio Chips and Sensors for Medical Diagnostics and Chem/Bio Weapons Detection	\$ 975,881	\$ 975,881	\$ 591,543	\$ 886,000	7	3	1	0	11	\$ 45,000
06/30/06	GRINDUS AMERICA INC	Dipnucleotide Manufacturing Facility	\$ 1,162,111	\$ 1,162,111	\$ 739,320	\$ 20,022,533	19	0	0	1	20	\$ 77,193
03/31/06	TECHNOLOGICAL MANAGEMENT	Lean Product Dev. And Innovation	\$ 1,886,563	\$ 1,886,563	\$ 11,042,451	\$ 24,727,630	93	0	99	0	192	\$ 40,000
06/30/07	EMITEC	Northern Ohio Center of Excellence in Product Development	\$ 660,506	\$ 660,506	\$ 866,506	\$ -	5	1	4	0	10	\$ 65,000
06/30/12	EMITEC	FDQ Center for Accelerated Product Development	\$ 1,200,000	\$ 734,755	\$ 1,331,436	\$ 13,230,000	29	0	2	0	31	\$ 40,000

**TARGETED INDUSTRY ATTRACTION PROGRAM**  
 Focuses resources and incentives on the attraction of companies to build critical mass in selected growth industries in Ohio  
 May 2007 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary (All Jobs)
12/31/11	Amylin Ohio, LLC	New Production Facility	\$ 1,500,000	\$ 1,500,000	\$ 500,000	\$ 8,204,583	282	0	0	0	282	\$ 52,000
01/16/12	Zyvek Performance Materials, Inc.	Zyvek Relocation	\$ 1,000,000	\$ 1,000,000	\$ 1,665,472	\$ 8,204,583	6	0	6	0	12	\$ 84,107
04/07/10	ViewRay, Inc.	TIA-ViewRay 09-000	\$ 250,000	\$ 250,000	\$ 900,000	\$ 10,000	0	0	0	0	0	\$ -
01/12/11	Procy Biomedical, Inc.	Procy Biomedical Relocation	\$ 160,000	\$ 160,000	\$ 307,943	\$ 10,000	5	0	0	1	6	\$ 89,000
12/31/11	Rolls-Royce Fuel Cell Systems (US), Inc.	Machinery and Equipment Expansion Project	\$ 750,000	\$ 750,000	\$ 250,000	\$ -	0	0	0	0	0	\$ -
05/22/13	Timken Company	Wind Energy Research and Development Center-TIA	\$ 900,000	\$ 267,500	\$ -	\$ 5,342,114	0	0	0	0	0	\$ -
07/11/13	ThyssenKrupp Bilstein of America, Inc.	Business Expansion	\$ 500,000	\$ 500,000	\$ -	\$ 10,000,000	0	0	185	0	185	\$ 49,296
08/29/13	Science Application International Corporation	Creation of a New Research and Development Location-Beavercreek	\$ 400,000	\$ -	\$ -	\$ -	41	0	0	0	41	\$ 90,735
08/29/13	Science Application International Corporation	Creation of a New Research and Development Location-Springfield	\$ 150,000	\$ -	\$ -	\$ -	0	0	11	0	11	\$ 102,152
07/09/13	Honda of America Mfg., Inc.	Restoration and Resurfacing of High Speed Test Track in East Liberty, Ohio, Logan	\$ 3,000,000	\$ 1,011,500	\$ -	\$ 5,529,500	0	0	180	0	360	\$ 38,958

**TECHNOLOGY VALIDATION & STARTUP FUND**  
 Supports commercialization of protected technologies developed at Ohio research institutions as well as Ohio start-up companies that license these technologies.  
 July 2011-2 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary (All Jobs)
07/23/13	Case Western Reserve University	Development of Novel Tools for Health IT - GENA	\$ 50,000	\$ -	\$ -	\$ -	0	0	0	0	0	\$ -
07/23/13	GraphSQL, Inc.	SuperGraphSQL: A Unified SQL and Graph Analytic Engine For Massive Graph Analysis	\$ 100,000	\$ -	\$ -	\$ -	0	0	0	0	0	\$ -
07/23/13	Kent State University	Controlled Cracking of TPO on Plastic Substrates	\$ 48,109	\$ -	\$ -	\$ -	0	0	0	0	0	\$ -
07/23/13	Kent State Universities	Interoperating Medication Controller for mHealth Management of Chronic Illnesses	\$ 50,000	\$ -	\$ -	\$ -	0	0	0	0	0	\$ -
07/23/13	Ohio University	Trajectory Tracking Flight Controller by Trajectory Linearization	\$ 50,000	\$ -	\$ -	\$ -	0	0	0	0	0	\$ -
07/23/13	OsteoDynamics, Inc.	Commercial Development of an Osteoporosis Diagnostic Device	\$ 100,000	\$ -	\$ -	\$ -	0	0	0	0	0	\$ -
07/23/13	ph Mater, LLC	Commercialization of Cathodes for Electrochemical Application	\$ 100,000	\$ -	\$ -	\$ -	0	0	0	0	0	\$ -
07/23/13	University of Akron	Polyisobutylene (PIB) Based Elastomeric Polymer Coating for Wound Healing and Closure	\$ 50,000	\$ -	\$ -	\$ -	0	0	0	0	0	\$ -
07/23/13	University of Akron	Shape Memory Alloy Thermal Energy Harvesting	\$ 50,000	\$ -	\$ -	\$ -	0	0	0	0	0	\$ -
07/23/13	University of Toledo	Plasmonic Based Biomarker Sensing Technology	\$ 50,000	\$ -	\$ -	\$ -	0	0	0	0	0	\$ -
10/15/13	Children's Hospital Medical Center	Suicide Risk Index (SRI)	\$ 50,000	\$ -	\$ -	\$ -	0	0	0	0	0	\$ -
10/15/13	Children's Hospital Medical Center	Neonatal Intensive Care Unit	\$ 50,000	\$ -	\$ -	\$ -	0	0	0	0	0	\$ -
12/17/13	University of Toledo	Injectable Bone Cement	\$ 50,000	\$ -	\$ -	\$ -	0	0	0	0	0	\$ -

WRIGHT CENTERS OF INNOVATION - BIOMEDICAL  
Establishes large-scale, world-class research and technology development centers to accelerate the pace of commercialization in Ohio  
July 2003 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary (All Jobs)
01/10/10	Ohio State University Research Foundation	The Biomedical Structural, Functional and Molecular Imaging Enterprise	\$ 17,114,359	\$ 17,114,359	\$ 49,854,592	\$ 103,315,723	120	63	191	5	379	\$ 136,600
07/30/07	Case Western Reserve University	Center for Stem Cell and Regenerative Medicine	\$ 19,497,685	\$ 19,497,685	\$ 30,747,845	\$ 97,069,048	20	50	0	0	70	\$ 51,800
06/15/09	Children's Hospital Medical Center	Computational Medicine Center	\$ 27,701,076	\$ 27,701,076	\$ 55,874,277	\$ 196,992,081	28	195	0	0	223	\$ 64,478
12/31/11	Cleveland Clinic Foundation	Atrial Fibrillation Innovation Center	\$ 22,989,847	\$ 22,989,847	\$ 46,924,301	\$ 44,370,359	59	16	8	0	83	\$ 77,222

WRIGHT CENTERS OF INNOVATION - ENGINEERING  
Establishes large-scale, world-class research and technology development centers to accelerate the pace of commercialization in Ohio  
July 2004 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary/All Jobs
01/10/09	Case Western Reserve University	Wright Fuel Cell Group - Capital	\$ 19,665,044	\$ 19,450,040	\$ 37,462,652	\$ 18,641,048	58	30	0	0	88	\$ 75,202
12/31/09	Wright State University	dayrOhio - CAPITAL	\$ 12,603,750	\$ 12,601,797	\$ 41,731,936	\$ 46,204,648	150	22	50	2	224	\$ 65,000
06/15/07	OHIO STATE UNIVERSITY RESEARCH FOUNDATION	Ohio Center for Advanced Propulsion and Power - CAPITAL	\$ 11,270,000	\$ 11,270,000	\$ 18,662,944	\$ 109,994,183	0	179	0	0	179	\$ 60,000
08/30/13	Ohio State University Research Foundation	Ohio BioProducts Innovation Center	\$ 11,589,947	\$ 11,268,119	\$ 21,793,895	\$ 71,157,398	24	34	0	0	58	\$ 63,600
09/30/10	OHIO STATE UNIVERSITY RESEARCH FOUNDATION	Center for Multifunctional Polymer Nanomaterials & Devices	\$ 22,489,845	\$ 22,489,845	\$ 52,123,267	\$ 518,470,886	18	15	54	0	87	\$ 59,022
12/31/11	University of Dayton	Advanced Sensor Technology	\$ 28,000,000	\$ 28,000,000	\$ 49,834,065	\$ 79,950,381	255	70	0	0	325	\$ 55,000
11/28/11	UNIVERSITY OF TOLEDO	Photovoltaic Innovation & Commercialization	\$ 18,639,238	\$ 18,387,239	\$ 32,438,102	\$ 102,251,753	232	79	30	0	341	\$ 46,771
03/31/14	Cleveland State University	Wright Center for Sensor Systems Engineering	\$ 23,640,576	\$ 10,657,579	\$ 20,924,614	\$ 9,947,763	17	29	1	1	48	\$ 64,467

WRIGHT MEGA CENTER OF INNOVATION - ENGINEERING  
 Establishes large-scale, world-class research and technology development centers to accelerate the pace of commercialization in Ohio  
 February 2007 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary (All Jobs)
12/31/16	CLEVELAND CLINIC FOUNDATION	Cardio Innovation Center	\$ 59,995,068	\$ 33,768,800	\$ 93,910,629	\$ 329,458,532	288	13	0	0	281	\$ 76,804

WRIGHT PROJECTS PROGRAM  
University - Industry partnerships to establish world-class research and technology development centers  
July 2003 through December 2012

Project End Date	Organization	Project Title	State Funds Awarded	State Funds Expended	Cost Share Reported	Total Leverage	Jobs Created for Profit	Jobs Created Not for Profit	Jobs Retained	Jobs Vacant	Jobs Total Created/Retained	Average Salary/All Jobs
07/09/07	Bowling Green State University	Photostimulation and Photopolymerization Laboratory	\$ 2,000,000	\$ 2,000,000	\$ 2,971,285	\$ 8,534,985	2	18	0	0	20	\$ 30,000
07/10/06	National Center For Composite Systems Technology	Creating Affordable Large-scale Complex Composite Products	\$ 2,000,000	\$ 2,100,000	\$ 4,255,018	\$ 2,283,786	2	3	0	0	8	\$ 50,000
07/09/07	Ohio State University Research Foundation	Low Cost Nanocomposite Foams	\$ 2,000,000	\$ 1,759,430	\$ 6,376,111	\$ 15,900,000	3	5	0	0	8	\$ 50,000
07/31/07	Stark State College of Technology	Advanced Prototyping User Center	\$ 2,000,000	\$ 1,914,608	\$ 2,469,818	\$ 4,319,493	0	1	40	0	41	\$ 88,000
07/10/06	UNIVERSITY OF DAYTON	Conductive Multifunction Polymer Nanocomposites and Aerospace Composites	\$ 1,200,000	\$ 1,200,000	\$ 1,497,710	\$ 5,479,489	7	4	10	1	22	\$ 71,000
07/10/07	UNIVERSITY OF DAYTON	Development of Arrayed Micro-Optic Elements for Enhanced Infrared Image Detection	\$ 773,589	\$ 1,866,389	\$ 4,006,119	\$ 22,738,930	15	5	0	0	20	\$ 75,000
04/01/08	UNIVERSITY OF TOLEDO	Center for Photovoltaic Electricity and Hydrogen	\$ 2,099,920	\$ 2,099,920	\$ 3,657,364	\$ 9,933,264	45	17	0	0	62	\$ 63,000
06/15/07	NATIONAL CENTER FOR COMPOSITE SYSTEMS TECHNOLOGY	Long Fiber Thermoplastics for Low Cost, Light Weight Transportation	\$ 1,000,000	\$ 1,000,000	\$ 1,463,124	\$ 1,039,602	8	12	19	0	39	\$ 48,000
07/31/09	University of Dayton	Production of Multifunctional Carbon-Based Materials	\$ 2,100,000	\$ 2,100,000	\$ 4,899,024	\$ 1,370,000	2	5	0	0	7	\$ 65,000
04/01/08	Kent State University	Flexible Optical and Electronic Device Manufacturing Facility- Ink jet printing	\$ 1,740,000	\$ 1,366,788	\$ 2,245,629	\$ 20,840,000	45	1	0	0	46	\$ 55,662
12/31/09	TeachColumbus, Inc.	Platform Lab via the Third Frontier Network - Ohio Filament Network	\$ 1,174,000	\$ 1,174,000	\$ 3,054,293	\$ 15,370,432	6	3	4	0	13	\$ 50,000
10/01/10	North Central Campus For Emerging Technologies	Commercialization of Piezoelectric Fibers for Energy Storage and Smart Systems	\$ 2,038,000	\$ 1,855,000	\$ 2,534,575	\$ 1,000,000	1	0	0	0	1	\$ 55,000
09/30/09	Development Research Corporation	RFID Application and Commercialization of an Integrated Biomass to Electricity System	\$ 2,338,000	\$ 2,338,000	\$ 4,959,900	\$ 19,291,094	18	0	0	0	18	\$ 84,200
09/30/09	Ohio State University Research Foundation	Development and Commercialization of an Integrated Biomass to Electricity System	\$ 1,500,351	\$ 1,500,351	\$ 1,503,391	\$ 966,000	2	10	0	2	14	\$ 38,759
05/22/10	University of Dayton	Low-Cost Nanocomposite Tooling for Agile Manufacturing	\$ 2,100,000	\$ 2,100,000	\$ 4,583,945	\$ 743,900	4	4	0	0	4	\$ 60,000
11/22/09	James A. Rhodes State College	Advanced Materials Commercialization Center featuring a Green Physical Vapor Deposition Process	\$ 1,384,990	\$ 1,384,990	\$ 2,626,757	\$ 1,126,667	19	1	0	0	20	\$ 48,000
05/22/09	National Center For Composite Systems Technology	Nano-enhanced SMC Scale-up for Composite Part Production	\$ 1,800,000	\$ 1,800,000	\$ 2,225,607	\$ 2,365,774	1	2	7	0	10	\$ 77,500
05/22/09	Ohio State University Research Foundation	Superconductivity Technology Center	\$ 1,152,400	\$ 1,152,400	\$ 1,152,400	\$ 5,259,000	2	2	3	0	6	\$ 65,000
08/22/09	University of Toledo	A New Test Facility for Experimental Development of High-Speed Routing Components	\$ 1,000,000	\$ 1,000,000	\$ 1,261,317	\$ 1,569,000	2	2	3	0	7	\$ 50,000
08/04/11	Case Western Reserve University	Case Center for Surface Engineering	\$ 3,000,000	\$ 3,000,000	\$ 8,465,624	\$ 12,592,518	26	3	15	4	48	\$ 75,000
02/04/12	Northwestern Ohio Universities College of Medicine	Ohio-based Research & Commercialization of a Real-Time Pathogen Detection Instrument	\$ 3,000,000	\$ 3,000,000	\$ 3,774,394	\$ 9,010,164	9	0	0	1	10	\$ 45,300
12/31/11	James A. Rhodes State College	Expansion of Industry/Education Partnerships for Fuel Cell Commercialization	\$ 3,000,000	\$ 3,000,000	\$ 11,863,868	\$ 18,366,754	54	10	0	0	64	\$ 53,200
06/30/12	Stark State College of Technology	Center for Excellence in Advanced Materials Analysis	\$ 2,115,600	\$ 2,115,600	\$ 2,117,367	\$ 1,517,406	1	0	2	0	1	\$ 63,755
02/04/11	Youngstown State University	Development of a Very High Power Ultrasonic Additive Manufacturing System for Advanced	\$ 2,511,325	\$ 2,511,325	\$ 3,084,772	\$ 1,230,000	1	3	0	0	4	\$ 64,000
02/14/13	Ohio State University Research Foundation	A Domestic Source of Natural Rubber and New Industry for Ohio and the US	\$ 3,000,000	\$ 2,921,285	\$ 479,633	\$ 690,600	0	4	8	0	12	\$ 29,973
04/30/13	University of Dayton	Center for UAV Exploration	\$ 3,000,000	\$ 2,078,403	\$ 5,139,666	\$ 14,329,995	37	6	0	0	43	\$ 61,303
01/31/13	Ohio State University Research Foundation	Bio-Based and Nano-Filled Composites	\$ 2,999,877	\$ 2,966,141	\$ 3,000,000	\$ 2,650,000	2	6	1	0	5	\$ 65,000
07/23/13	Cleveland Clinic Foundation	National Commercialization Accelerator	\$ 2,998,939	\$ 1,932,322	\$ 4,238,944	\$ 1,657,472	6	0	0	0	6	\$ 52,363
07/23/13	Case Western Reserve University	The Ohio Wind Energy Research and Commercialization Center	\$ 2,999,442	\$ 2,861,035	\$ 3,934,720	\$ 2,271,178	2	1	0	0	3	\$ 45,000
07/27/13	Ohio State University Research Foundation	Molecular Imaging SPeCT Technology Center	\$ 2,999,924	\$ 474,675	\$ 747,185	\$ 461,560	2	4	0	2	2	\$ 44,000
07/27/12	Ohio State University Research Foundation	Electric and Plug-in Hybrid Vehicle Technology	\$ 3,000,000	\$ 3,000,000	\$ 3,120,181	\$ 3,120,181	3	2	0	0	4	\$ 95,429
07/27/13	University of Cincinnati	Ohio Center for Laser Shock Processing for Advanced Materials and Devices	\$ 3,000,000	\$ 2,373,642	\$ 3,057,817	\$ 2,387,515	0	12	0	0	12	\$ 30,000
07/27/12	Stark State College of Technology	High Pressure Testing Systems	\$ 2,789,975	\$ 2,766,397	\$ 2,777,751	\$ -	1	0	0	0	1	\$ 88,000
07/19/13	University of Dayton	Hybrid Fabrics for Multifunctional Composites	\$ 3,000,000	\$ 683,480	\$ 2,211,454	\$ 154,215	2	2	0	0	6	\$ 65,000
07/19/13	University of Cincinnati	The Ohio Center for Microfluidic Innovation (OCMI)	\$ 2,956,675	\$ 2,432,122	\$ 2,617,663	\$ 948,750	14	14	0	0	28	\$ 73,000
07/19/13	Ohio State University	Center for Algal Engineering Research and Commercialization	\$ 2,970,063	\$ 1,631,741	\$ 1,589,234	\$ 1,007,000	3	3	0	0	4	\$ 66,700
07/19/13	Cleveland Clinic Foundation	Clinically Applied Rehabilitation Engineering (CARE)	\$ 3,000,000	\$ 785,150	\$ 2,631,716	\$ 750,000	0	3	0	0	3	\$ 38,623
07/19/13	The Ohio State University	Center of Excellence for Energy Storage Technology	\$ 3,000,000	\$ 68,887	\$ 1,603,090	\$ 3,231,769	2	0	0	0	2	\$ 82,500
07/19/13	Case Western Reserve University	Development of a Quantitative Analysis System for Stem Cells	\$ 2,100,000	\$ 2,759,801	\$ 2,484,673	\$ -	3	3	0	0	4	\$ 70,943
07/11/14	The Ohio State University	Heat/Ozone Biomedical Technology to Produce Safe Edges	\$ 2,100,000	\$ 251,075	\$ 4,016,810	\$ 6,910,658	1	5	0	1	6	\$ 44,817
07/11/14	Case Western Reserve University	Solar-Durability and Lifetime Extrusion Center	\$ 2,884,755	\$ 1,757,577	\$ 3,014,205	\$ 1,150,000	2	0	0	0	1	\$ 41,734
07/11/14	Edison Welding Institute, Inc.	Integrated Ultrasonic Additive Mig & Laser Machining for Realization of Novel Smart Structures	\$ 1,652,970	\$ 74,299	\$ 1,165,564	\$ 1,256,472	3	0	0	0	3	\$ 64,000

## Appendix 5 – Ohio Housing Trust Fund Annual Report

**Servicing** means the contract is executed and within the term of the agreement or in the post-reporting period.

**Closed** means the contract ended as outlined in the agreement.

**Terminated** means a contract ended prior to the expiration of the agreement. Termination can be requested by either party but must ultimately be approved by the tax credit authority.





Development  
Services Agency

# Ohio Housing Trust Fund

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## State Fiscal Year 2013 Annual Report

July 1, 2012 to June 30, 2013

Prepared By:

Ohio Development Services Agency

Community Services Division

Office of Community Development



## State Fiscal Year 2013 Ohio Housing Trust Fund Annual Report

For the period: July 1, 2012 – June 30, 2013

### Introduction

This is the annual report of Ohio Development Services Agency (ODSA) as required by Ohio Revised Code Section 174.05 for the state fiscal year 2013.

### History

In 1991, the Ohio Legislature established the Ohio Housing Trust Fund and an Advisory Committee to work with the Ohio Development Services Agency (the administering agency) to develop the fund's programs and policies. In the 1992-1993 Ohio biennium budget, \$5 million was allocated to the fund.

Over the next 12 years, the fund's allocation level fluctuated from \$5 million for a biennium to \$20 million for one year. In 2002, the Affordable Housing Taskforce was created and recommended an increase in home sale recording fees to provide a sustainable funding source for the Ohio Housing Trust Fund. In the 2012-2013 Ohio biennium budgets, the Ohio Legislature appropriated \$53 million each year to the Ohio Housing Trust Fund.

### Ohio Housing Trust Fund Advisory Committee Members

Ohio Revised Code Section 174.06 governs the Ohio Housing Trust Fund Advisory Committee. The committee consists of 14 members appointed by the Governor, with each representing an organization committed to housing and housing assistance for low- and moderate-income persons, as listed below:

Name	Representing	Term Expires
Mary Burke Rivers	Individuals and families included in the income groups targeted by HB 339	December 10, 2014
Bill Faith	A Religious, Civic or Social Service Organization	December 10, 2014
Robert Fletcher	Licensed Real Estate Brokers	October 10, 2013
Heidi Fought	Townships	October 10, 2015
Craig Garrelts	Local Housing Authorities	December 10, 2014
Jerry Katz	Lenders	October 10, 2013
Deborah Lieberman	County Governments	December 10, 2014
Rachel Robinson	Fair Housing Organizations	December 10, 2014
Laura Swanson	For-Profit Builders and Developers	October 10, 2013
Cheryl Thiessen	Nonprofit Organizations	December 10, 2014
Jeff Woda	For-Profit Rental Housing Industry	October 10, 2013

\* Appointments for the two open nonprofit organizations positions and one open municipal corporation position have not been filled.



## Funding Guidelines

The Ohio Housing Trust Fund appropriation authority is restricted by Ohio Revised Code Section 174.02, as follows:

- No more than 5 percent of the current year appropriation authority<sup>1</sup> for the fund shall be allocated between grants to community development corporations for the community development corporation grant program and grants and loans to the Ohio community development finance fund, a private, nonprofit corporation.

In State Fiscal Year 2013, the Ohio Development Services Agency allocated 5 percent (\$2.65 million) of Ohio Housing Trust Fund appropriation authority to community development corporations and the Ohio community development finance fund.

- In any year in which the amount in the fund exceeds \$100,000, not less than \$100,000 shall be used to provide training, technical assistance, and capacity building assistance to nonprofit development organizations.

In State Fiscal Year 2013, the Department awarded \$165,000 to provide training, technical assistance, and capacity building assistance to nonprofit development organizations.

- No more than 10 percent of any current year appropriation authority for the fund shall be used for the emergency shelter housing grants program to make grants to private, nonprofit organizations and municipal corporations, counties, and townships for emergency shelter housing for the homeless and emergency shelter facilities serving unaccompanied youth 17 years of age and younger.

In State Fiscal 2013, the Agency allocated 10 percent (\$5.3 million) of the Ohio Housing Trust Fund appropriation authority to the emergency shelter grants program to make grants to private, nonprofit organizations and municipal corporations, counties, and townships for emergency shelter housing for the homeless and emergency shelter facilities serving unaccompanied youth 17 years of age and younger.

- In any fiscal year in which the amount in the fund exceeds \$250,000, at least \$250,000 from the fund shall be provided to the Ohio Department of Aging for the Resident Services Coordinator Program.

In State Fiscal Year 2013, the Department awarded \$315,000 of Ohio Housing Trust Fund dollars, including administration, to the Ohio Department of Aging for the Resident Services Coordinator Program.

- Of the current year appropriation authority for the fund, not more than 5 percent shall be used for administration.

In State Fiscal Year 2013, 4.9 percent (\$2,635,000) was expended for administration.

- No less than 45 percent of the funds awarded during any one fiscal year shall be for grants and loans to nonprofit organizations.

In State Fiscal Year 2013, 96 percent of the Ohio Housing Trust Fund awarded dollars was awarded to nonprofit organizations.

- No less than 50 percent of the funds awarded during any one fiscal year, excluding the 5 percent and 10 percent restrictions listed above, shall be for grants and loans for activities that provide housing and housing assistance to families and individuals in rural areas and small cities that are



not eligible to participate as a participating jurisdiction under the HOME Investment Partnerships Act<sup>2</sup>.

In State Fiscal Year 2013, 51.8 percent (\$ 22 million) of the funds awarded<sup>3</sup>, excluding the 5 percent and 10 percent restrictions listed above (\$7.9 million), was for grants or loans that provide housing and housing assistance to families and individuals in rural areas who are not eligible to participate as a participating jurisdiction under the HOME Investment Partnerships Act.

<sup>1</sup> In State Fiscal Year 2013, the Ohio Housing Trust Fund appropriation authority was \$53 million.

<sup>2</sup> "Rural area and small cities" means political subdivision of the state that is not designated as a participating jurisdiction under the HOME Investment Partnerships Act, 104 Stat. 4094 (1990), 42 U.S.C. 12701 note, 12721.

<sup>3</sup> In State Fiscal Year 2013, a total of \$52,857,700 was awarded.

## Income Targeting

Ohio Revised Code Section 174.03 also includes the following income targeting requirements:

- No more than 20 percent of the current year's appropriation authority, excluding the 5 percent and 10 percent restrictions listed previously, may be awarded for supportive services.

In State Fiscal Year 2013, 3.2 percent (\$1.3 million) of the appropriation authority, excluding the 5 percent and 10 percent restrictions listed previously (\$7.9 million), was awarded for supportive services.

- No less than 75 percent of the money granted and loaned in any fiscal year shall be for activities that provide affordable housing/housing assistance to families and individuals whose incomes are equal to or less than 50 percent of the area median income.

In State Fiscal Year 2013, 91.3 percent (\$45.6 million) of the money granted and loaned was dedicated to activities that provide affordable housing/housing assistance to families and individuals whose incomes are equal to or less than 50 percent of the area median income.

- The remainder of funds not granted or loaned above shall be for activities that provide affordable housing and housing assistance to families and individuals whose incomes are equal to or less than 80 percent of the area median income.

In State Fiscal Year 2013, 8.5 percent (\$4.2 million) of all funds granted or loaned benefitted families and individuals whose incomes are greater than 50 percent of the area median income but less than or equal to 80 percent of the area median income.

- The Department shall give preference to viable projects and activities that benefit those families and individuals whose incomes are equal to or less than 35 percent of the area median income.

In State Fiscal Year 2013, 49 percent of the Ohio Housing Trust Fund awarded dollars (\$49.9 million) was awarded to projects and activities benefiting those families and individuals whose incomes were equal to or less than 35 percent of the area median income.

## Eligible Housing and Housing Assistance Award Recipients and Activities

The Ohio Housing Trust Fund provides funding to nonprofit organizations, public housing authorities, private developers and lenders, local governments, and consortia of eligible applicants that are interested



in increasing affordable housing opportunities, expanding housing services, and improving housing conditions for low- and moderate-income residents in Ohio.

Grants, loans, loan guarantees, and loan subsidies may be used for:

- Acquiring, financing, constructing, leasing, rehabilitating, remodeling, improving and equipping publicly or privately owned housing;
- Providing matching money for federal funds received by the state, counties, municipal corporations, and townships;
- Providing to counties, townships, municipal corporations, and nonprofit organizations technical assistance, design and finance services, and consultation and payment of predevelopment and administrative costs related to any of the activities listed above; and
- Providing supportive services related to housing and the homeless, including counseling.

**State Fiscal Year 2013 Ohio Housing Trust Fund Allocations**

On June 5, 2012, the Ohio Housing Trust Fund Advisory Committee recommended the allocation of the State Fiscal Year 2013 Ohio Housing Trust Fund dollars and, on June 20, 2012, the Director of the Ohio Development Services Agency approved the recommended allocations. The following is the final State Fiscal Year 2013 Ohio Housing Trust Fund approved allocations:

**Restricted Funds**

Community Development Corporations.....	\$2,650,000
Emergency Shelter Housing.....	5,300,000
Resident Services Coordinator Program.....	300,000
Administration.....	2,650,000
Restricted Subtotal.....	\$10,900,000

**Non-restricted Funds**

Community Housing Improvement Program.....	\$1,000,000
Discretionary Grant Program.....	675,000
Homeless Crisis Response Grant Program.....	7,425,000
Supportive Housing Grant Program.....	10,000,000
Housing Assistance Grant Program.....	5,000,000
Housing Development Assistance Program.....	18,000,000
Non-restricted Subtotal.....	\$42,100,000
<b>TOTAL.....</b>	<b>\$53,000,000</b>

**State Fiscal Year 2013 Ohio Housing Trust Fund Awards and Administration**

**Restricted**

Community Development Corporations.....	\$2,650,000
<i>Community Development Finance Fund.....</i>	<i>1,890,000</i>
<i>Microenterprise Business Development Program.....</i>	<i>595,000</i>
<i>Training/Technical Assistance and Capacity Building.....</i>	<i>165,000</i>
Emergency Shelter Housing.....	4,764,700
<i>Homeless Crisis Response Grant Program.....</i>	<i>4,764,700</i>
Resident Services Coordinator Program.....	300,000
Administration.....	2,650,000



# Development Services Agency

Office of Community Development .....	1,685,000
Ohio Housing Finance Agency .....	950,000
Ohio Department of Aging .....	15,000
Restricted Subtotal .....	\$10,364,700
<b>Non-restricted</b>	
Community Housing Improvement Program .....	\$1,000,000
Discretionary Grant Program .....	\$675,000
Coalition on Homelessness and Housing in Ohio Training and Technical Assistance Program .....	200,000
Coalition on Homelessness and Housing in Ohio Tenant Outreach/ Youth Empowerment Project .....	145,000
Habitat for Humanity of Ohio .....	200,000
Ohio CDC AmeriCorps/VISTA Project .....	130,000
Homeless Crisis Response Grant Program .....	7,916,000
Supportive Housing Program .....	9,902,000
Housing Assistance Grant Program .....	5,000,000
Housing Development Assistance Program .....	18,000,000
Non-restricted Subtotal .....	\$42,493,000
<b>TOTAL .....</b>	<b>\$52,857,700</b>

## Accomplishments

The following are some of the major accomplishments achieved as a result of the allocation of the State Fiscal Year 2013 Ohio Housing Trust Fund monies:

- Supportive services/essential services (case management, service referrals, budgeting, life skills, goal setting counseling, etc.) provided to 18,274 households;
- Down payment assistance/homebuyer counseling provided to 495 households;
- Construction/rehabilitation/repair of 1,124 rental units and 1,967 homeownership units;
- Homelessness prevention (short-term rental assistance, utility assistance, mortgage assistance, etc.) provided to 3,050 households;
- Business assistance provided to 78 businesses;
- Training and technical assistance provided to 3,059 households; and
- Senior service coordination provided to 924 persons.

## Beneficiaries

### Allocations by Income Levels

Income Level	Total Funds	Percent of Funds	Beneficiaries
≤ 35% of Area Median Income	\$24,553,157	49.2%	41,358
> 35 and ≤ 50% of Area Median Income	\$21,112,943	42.3%	6,859
> 50 and ≤ 80% of Area Median Income	\$4,241,600	8.5%	10,494
<b>All Persons Assisted =</b>	<b>\$49,907,700</b>	<b>100.0%</b>	<b>58,711</b>

### Allocations by Geographic Area



Location	Total Funds	Percent of Funds	Bene-ficiaries
Funds Awarded in Non-Participating Jurisdictions	\$23,830,843	47.7%	22,363
Funds Awarded in Participating Jurisdictions	\$23,226,857	46.5%	25,911
Statewide Organizations	\$2,850,000	5.7%	10,437
<b>Total for All Funds Awarded</b>	<b>\$49,907,700</b>	<b>100.0%</b>	<b>58,711</b>

**Award Recipient Type**

Income Level	Total Funds	Percent of Funds	Bene-ficiaries
Nonprofit Organizations	\$48,032,700	96.2%	56,791
Units of Local Government	\$1,875,000	3.8%	1,920
<b>All Persons Assisted =</b>	<b>\$49,907,700</b>	<b>100.0%</b>	<b>58,711</b>