# HERE'S OUR PROOF



Commerce Lexington Inc. Economic Development

Part of the Bluegrass Business Development Partnership An Award Winning Collaboration of:



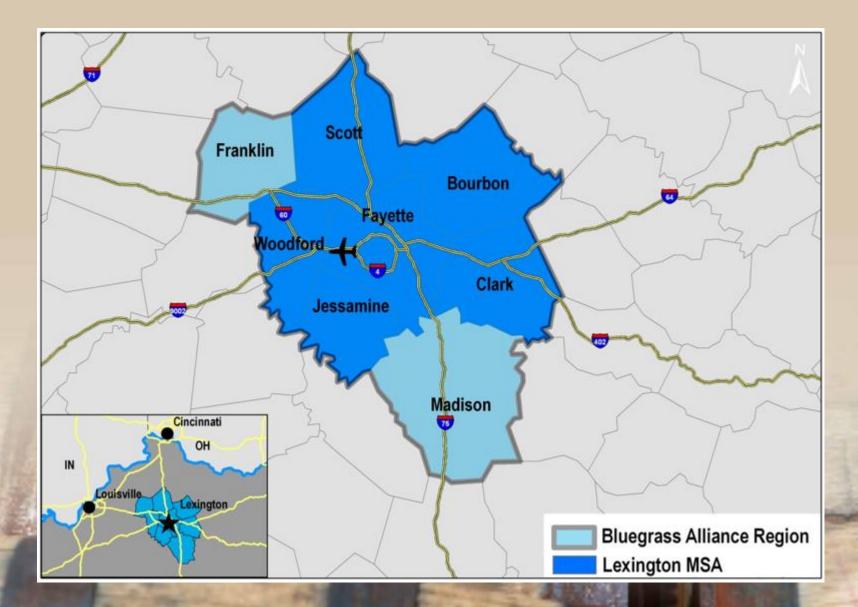


**ECONOMIC DEVELOPMENT** 



#### **Economic Development Strategic Plan**





#### Business Development Target Industries



- 1. Software & IT
- 2. Business and Professional Services
- 3. Life Sciences and Biotech
- 4. BEAM/Advanced Manufacturing
- 5. BEAM/Foreign Direct Investment
- 6. Equine Industry/Animal Sciences
- 7. Visitor Industries

#### Other Focuses:

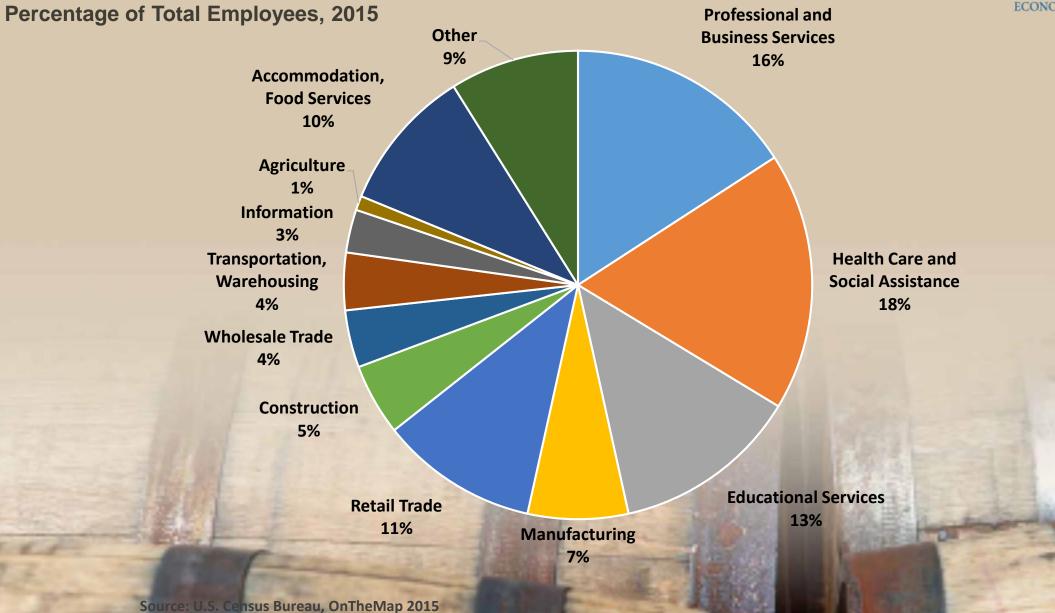
- 8. Renewable Energy/Clean Tech
- 9. Area University/College Alumni Networks







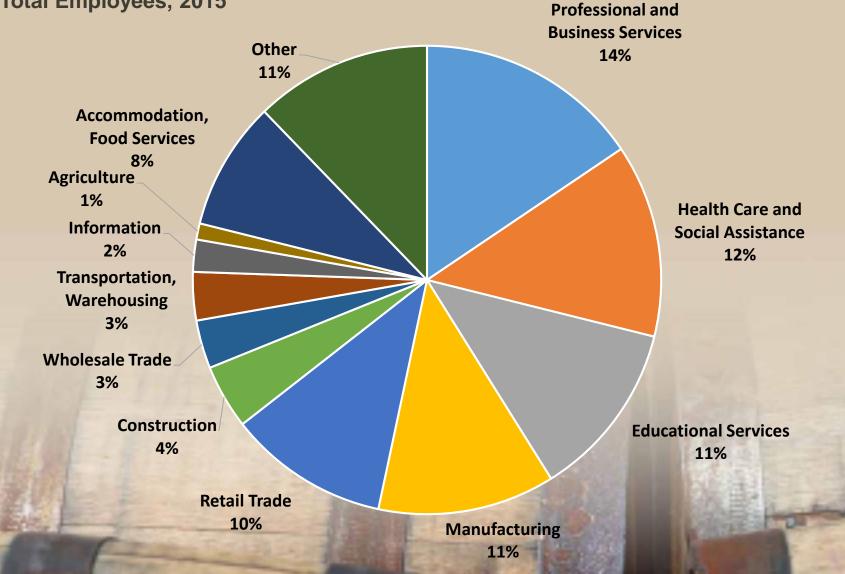
#### **Lexington's Industries**



#### **Bluegrass Region's Industries**



Percentage of Total Employees, 2015



#### Strategic Target Software and Information Technology



KEY M	ARKET SEGMENTS	MARKET NICHES
<ul> <li>Software publish</li> </ul>	ners	Software Development
<ul> <li>Telecommunicat</li> </ul>	tions	<ul> <li>Design and Digital Media</li> </ul>
<ul> <li>Data processing, services</li> </ul>	, hosting, and related	<ul> <li>Gaming and Interactive Media</li> </ul>
Computer system	ns design and related	Technical Support
services		Data Storage Centers

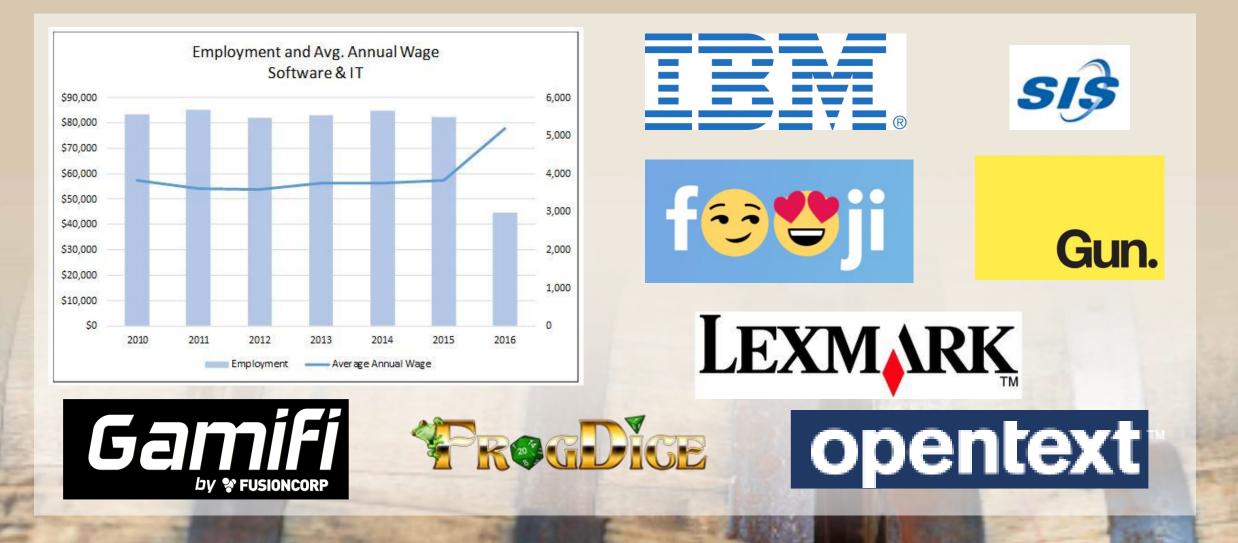
#### Strategic Target Software and Information Technology



KEY ASSETS	KEY ASSETS
<ul> <li>Skilled workforce from existing major</li> <li>Software &amp; IT companies in Lexington – IBM,</li> </ul>	Coldstream Research Campus
Lexmark, Funai, OpenText, SQS	<ul> <li>Desirable quality of life</li> </ul>
<ul> <li>Strong communications infrastructure</li> </ul>	•Local assets such as Awesome Inc.,
<ul> <li>Extensive broadband network</li> </ul>	Base163/110, Tech Association of the Bluegrass, and In2Lex
•Low electric rates	•Bluegrass Angels
	<ul> <li>SPARK and ASTeCC – entrepreneurial support</li> </ul>



#### Strategic Target Software and Information Technology – Successes



#### **Strategic Target Business and Professional Services**



KEY MARKET SEGMENTS	MARKET NICHES
<ul> <li>Professional, scientific, and technical</li> </ul>	<ul> <li>Professional Services for Entrepreneurs</li> </ul>
services	<ul> <li>Research and Development/Entrepreneurial</li> </ul>
Management of companies and enterprises	Support

• Administrative and support services

• Financial Services

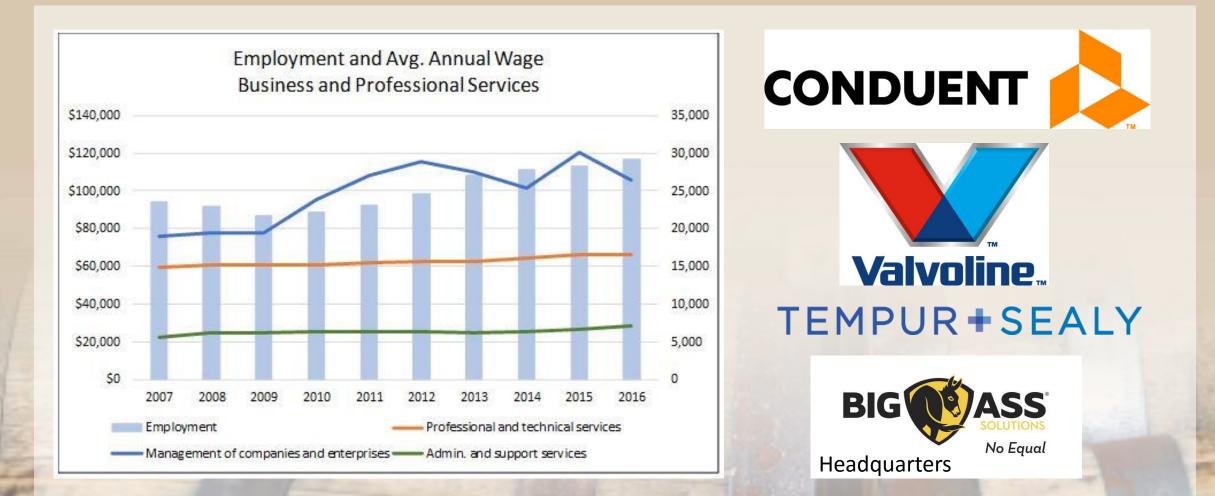
#### Strategic Target Business and Professional Services



KEY ASSETS	KEY ASSETS
<ul> <li>Sophisticated telecommunications network</li> </ul>	• Fayette County among most educated region in the U.S.
<ul> <li>Regional business hub</li> </ul>	
<ul> <li>Proximity to client businesses</li> </ul>	<ul> <li>Customized technical training through BCTC</li> </ul>
<ul> <li>High value relative to cost location</li> </ul>	<ul> <li>Growing business outsourcing companies such as Conduent (formerly Xerox)</li> </ul>
•Over 16,000 graduates annually from area colleges/universities	<ul> <li>Downtown development and revitalization</li> </ul>
	<ul> <li>Readily available office space in CBD and suburban areas</li> </ul>



#### Strategic Target Business and Professional Services – Successes



#### Strategic Target Life Sciences and Biotech



KEY MARKET SEGMENTS	MARKET NICHES
<ul> <li>Pharmaceutical and medicine manufacturing</li> </ul>	<ul> <li>Biotechnology</li> </ul>
<ul> <li>Medical equipment and supplies manufacturing</li> </ul>	<ul> <li>Pharmaceuticals R&amp;D Manufacturing</li> </ul>
<ul> <li>Scientific research and development services</li> </ul>	<ul> <li>Medical Device Manufacturing</li> </ul>
<ul> <li>Veterinary services</li> </ul>	<ul> <li>Healthcare/Regional Services Center</li> </ul>
<ul> <li>Ambulatory health care services</li> </ul>	
Hospitals	
<ul> <li>Nursing and residential care facilities</li> </ul>	

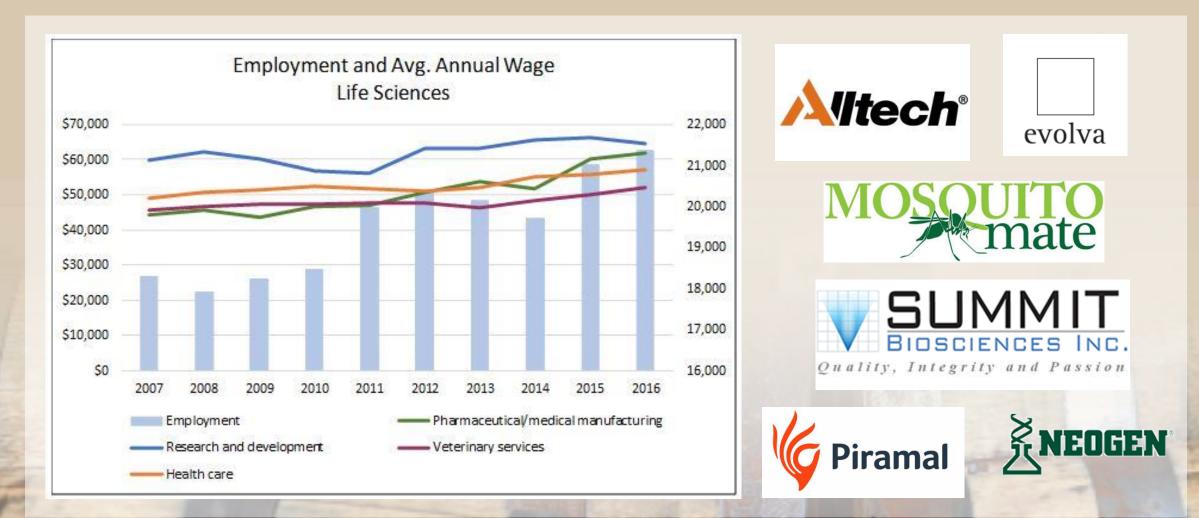
#### Strategic Target Life Sciences and Biotech



KEY ASSETS	KEY ASSETS
<ul> <li>Abundant supply of educated workers through higher education institutions</li> </ul>	<ul> <li>Growing regional health care center with multiple hospitals and over 20,400 health care</li> </ul>
	practitioners and technicians
<ul> <li>Strong ties to academic programs at the</li> </ul>	
University of Kentucky	<ul> <li>Over 50 biotech companies in Lexington</li> </ul>
<ul> <li>Top Pharmacy program at University of Kentucky (#6 in the nation)</li> </ul>	<ul> <li>ASTeCC/AgTeCC campus incubators</li> </ul>
	•UK's Coldstream Research Campus – only R&D
• Over 70% of UK's \$328 million R&D funds are in	business park in Kentucky
Life Sciences	
	<ul> <li>Growing disbursement of early stage capital</li> </ul>
•I-75/64 access	



#### Strategic Target Life Sciences and Biotech – Successes



#### **Strategic Target BEAM/Advanced Manufacturing**



#### **KEY ASSETS**

- Skilled and well-educated workforce as a result of area colleges and technical programs
- Location center of a 31-state distribution area and within a 600-mile radius of the majority of the nation's manufacturing employment, retail sales, and population
- Multimodal transportation
- Existing advanced manufacturing employers

- University of Kentucky College of Engineering and other programs at nearby colleges
- BCTC's Advanced Manufacturing Technician(AMT) Program and the Advanced Manufacturing Center (AMC)

RFG





#### Strategic Target BEAM/Advanced Manufacturing – Successes



#### Strategic Target BEAM/Foreign Direct Investment (FDI)



MARKET SEGMENTS		KEY ASSETS
<ul> <li>#7 Top Small American City of the Future 2017/18 for FDI Strategy, <i>fDi Intelligence</i></li> </ul>		<ul> <li>Strong presence of existing foreign-owned companies, advanced manufacturing companies, hi-tech companies, and knowledge-based sector</li> </ul>
<ul> <li>FDI represents 99 facilities with ownership from 18 different countries providing full-time employment to nearly 24,000 people in the Bluegrass Region</li> </ul>		<ul><li>companies</li><li>Highly educated and highly skilled workforce</li></ul>
BUILD IT LOCALLY, SELL IT GLOBALLY A REGIONAL EXPORT PLAN BLUEGRASS ECONOMIC ADVANCEMENT MOVEMENT		<ul> <li>Cost effectiveness</li> <li>Location</li> <li>Multimodal transportation</li> </ul>

## Strategic Target BEAM/Foreign Direct Investment (FDI) – Successes

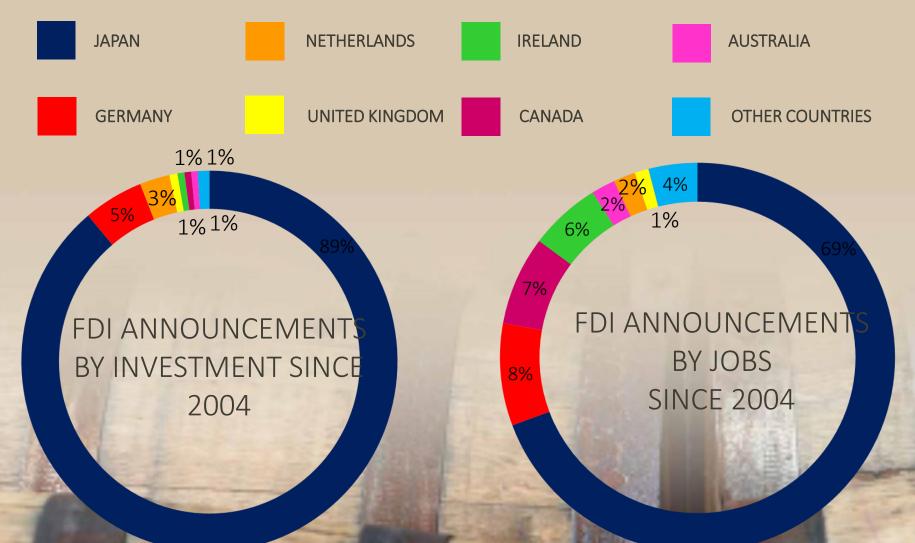


#### Strategic Target BEAM/Foreign Direct Investment (FDI) – Successes

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Y	'ear	Туре	Company	Product	Investment	Jobs	Country	Capital Infusion
2	017	Exp.	AVENTICS	Manufacturer of pneumatic components, systems, and applications	\$861,830	20	Germany; United Kingdom	Aventics GmbH; Triton Advisors Limited
		Exp.	Toyota Motor Manufacturing Kentucky	North American Production Support	\$120,960,000	0	Japan	Toyota Motor Corp.
		Exp.	Florida Tile, Inc.	Corporate headquarters of tile manufacturer	\$3,524,000	12	Italy	Panariagroup Industrie Ceramiche
		Exp.	Toyota Motor Manufacturing Kentucky	North American Production Support	\$1,330,000,000	0	Japan	Toyota Motor Corp.
		Exp.	Pilkington North America	Manufacturer of glass for automotive, architectural, and solar markets	\$7,500,000	0	Japan	Nippon Sheet Glass Co. Ltd.
		Exp.	Minova USA	Manufacturer of products for mining and tunneling industries	\$300,000	25	Australia	Orica Limited
2	016		Lexmark International	Global headquarters, printers	\$3.6 billion purchase		China	Apex Technology & PAG Asia Capital
2011 N		New	Nishida Art Specialty Composite America Inc.	Manufacturer of composite material for automobiles	\$2,330,000	30	Japan	Greenfield Investment
		New	Astecnos America Corporation	Designs and manufacturers specialized machines for automotive industry	\$1,242,817	41	Japan	Astecnos Co. Ltd.
		Exp.	Coldstream Laboratories	Contract pharmaceutical manufacturing	12,771,948	40	India	Piramal Enterprises Limited

## Strategic Target BEAM/Foreign Direct Investment (FDI) – Successes



#### Strategic Target Animal Science/Equine Industry



KEY MARKET SEGMENTS	MARKET NICHES
<ul> <li>Horses and other equine production</li> </ul>	<ul> <li>Training and Veterinary Services</li> </ul>
<ul> <li>Support activities for equine production</li> </ul>	Horse Breeding
<ul> <li>Research and development in the physical, engineering, and life sciences</li> </ul>	<ul> <li>Research and Development</li> </ul>
• Votorinary convisor	

- Veterinary services
- Spectator sports

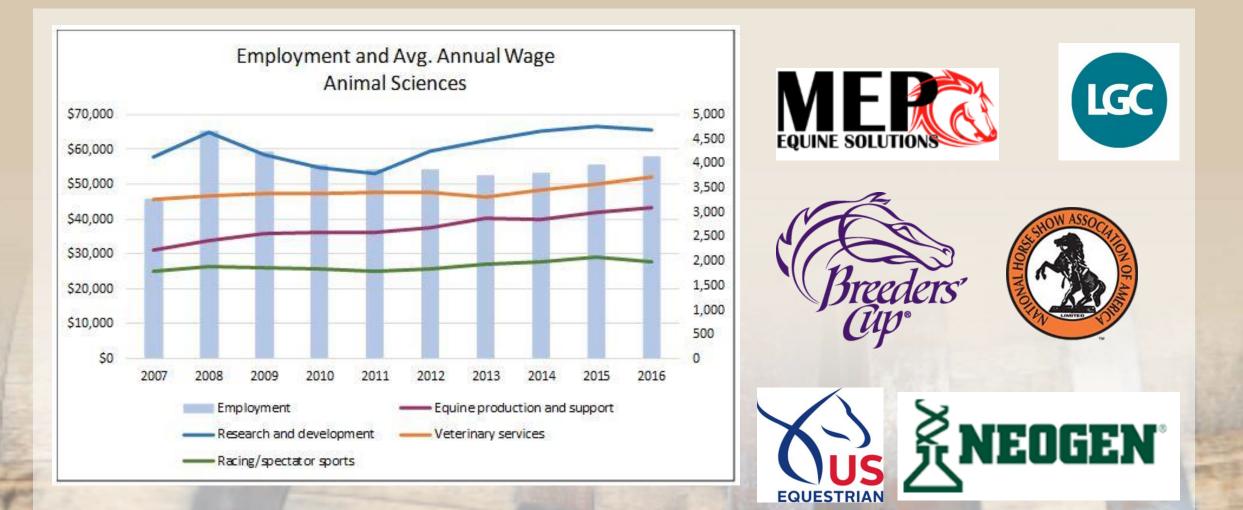
#### Strategic Target Animal Science/Equine Industry



KEY ASSETS	KEY ASSETS
Horse Capital of the World	<ul> <li>Animal/Equine Science research at University of Kontucky</li> </ul>
Keeneland Race Track and Red Mile Harness Track	Kentucky
• World center of horse breeding, training and racing.	<ul> <li>Maxwell H. Gluck Equine Research Center at UK</li> </ul>
Support infrastructure	Equine medical facilities
<ul> <li>Major thoroughbred farms</li> </ul>	<ul> <li>Horse industry is a long-established part of the local culture</li> </ul>
<ul> <li>Large pool of skilled professionals</li> </ul>	
<ul> <li>Kentucky Horse Park with over 80 equine events annually</li> </ul>	<ul> <li>Bluegrass Region Livestock Marketing Center (cattle) is the largest livestock market east of the Mississippi River</li> </ul>
<ul> <li>30+ national equine association HQs</li> </ul>	<ul> <li>Conducive physical setting with prime soils and a temperate climate</li> </ul>



#### Strategic Target Animal Science/Equine Industry – Successes



#### **Strategic Target Visitor Industries**



MARKET NICHES
<ul> <li>Cultural and Sporting Events</li> </ul>
<ul> <li>Conventions and Business Associations</li> </ul>
<ul> <li>Continuing Education</li> </ul>

• Food services and drinking places

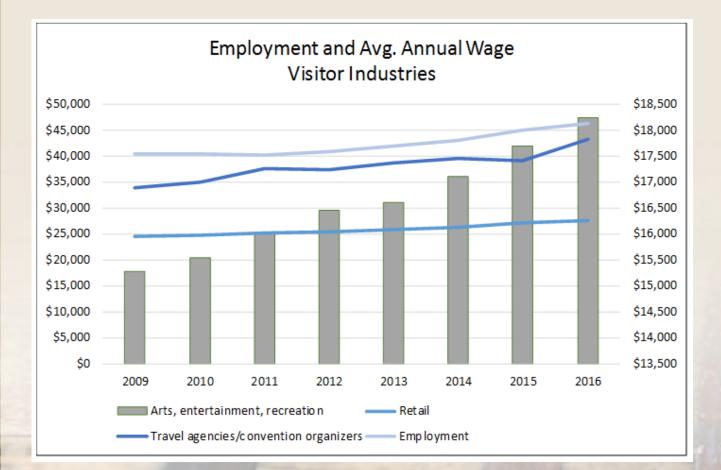
#### **Strategic Target Visitor Industries**



KEY ASSETS	KEY ASSETS
<ul> <li>Heart of the horse industry</li> </ul>	<ul> <li>Distilleries and craft breweries</li> </ul>
• Home to Keeneland	<ul> <li>Visitor draw of colleges and universities including continuing education</li> </ul>
• Kentucky Horse Park	
<ul> <li>Lexington Convention Center</li> </ul>	<ul> <li>Reliable workforce with hospitality experience</li> </ul>
<ul> <li>Beautiful natural landscape with scenic horse farms</li> </ul>	<ul> <li>Quality retail and commercial space</li> </ul>



#### Strategic Target Visitor Industries – Successes







#### Strategic Target Renewable Energy/Clean Tech



KEY MARKET SEGMENTS	MARKET NICHES	
Renewable energy	Fuel Cells	
Energy efficiency	• Biomass	
<ul> <li>Biotechnology</li> </ul>	<ul> <li>Clean Coal Technology</li> </ul>	
Life sciences research		
• Biofuels		

#### Strategic Target Renewable Energy/Clean Tech



	KEY ASSETS	KEY ASSETS
	<ul> <li>Manufacturing acumen among local workforce</li> </ul>	<ul> <li>•UK Department of Biosystems &amp; Agricultural Engineering (BAE)</li> </ul>
	<ul> <li>UK strengths in biomass, biofuels, hybrid batteries, and product engineering</li> </ul>	<ul> <li>Toyota hybrid supplier requirements</li> </ul>
	<ul> <li>University of Kentucky Center for Applied Energy Research (CAER)</li> </ul>	<ul> <li>Alltech's algae research and fermentation facilities</li> </ul>
	•University Coalition for Fossil Energy Research	<ul> <li>Highly educated workforce</li> </ul>
1	(UCFER)	<ul> <li>Access via I-75 and I-64</li> </ul>

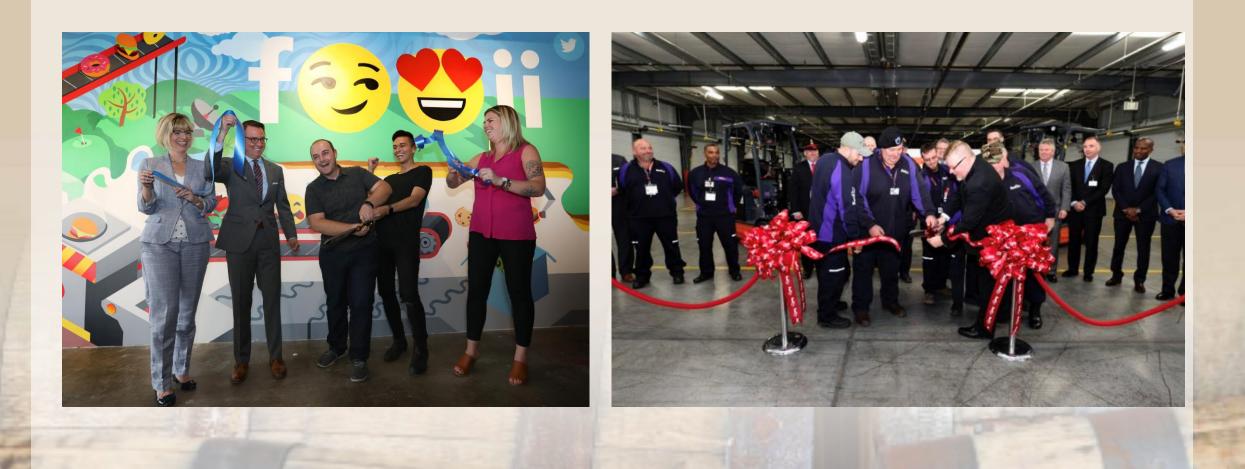
#### Strategic Target Renewable Energy/Clean Tech – Successes





#### Strategic Targets Recent Successes





#### Strategic Targets Recent Successes





#### Strategic Targets Recent Successes



