

UNIVERSITY OF KENTUCKY BOARD OF TRUSTEES

Scott Lephart, Dean, College of Health Sciences

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PROJECT ACCELERATE

ACCELERATE GROWTH TO DO MORE AND BE MORE FOR KENTUCKY

Work Group 1: More Educated Kentuckians

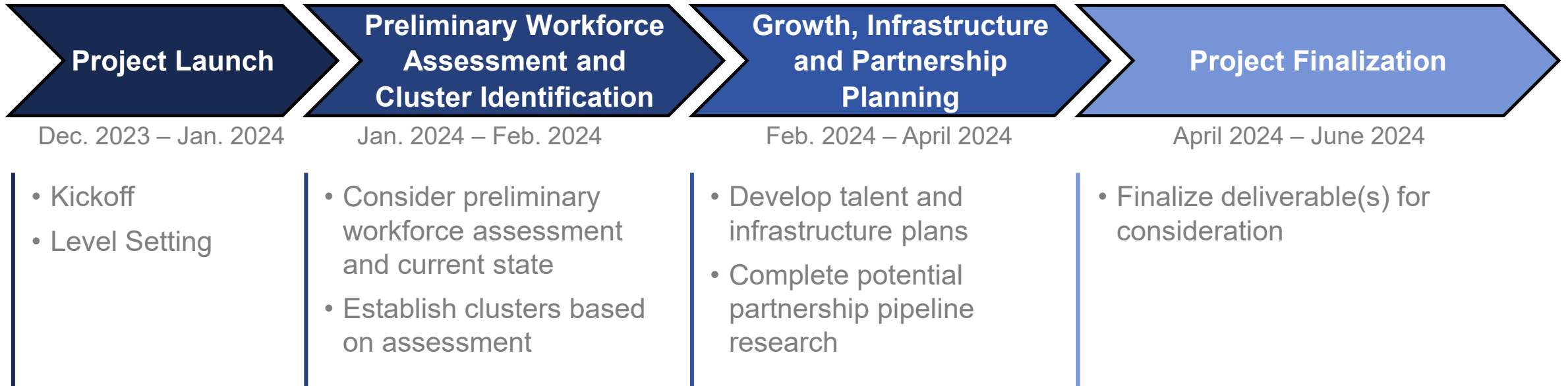
WORK GROUP 1: MORE EDUCATED KENTUCKIANS

Charge per CR1

Continuing strategic and thoughtful enrollment growth, focused on the workforce needs of Kentucky and developing ways through comprehensive planning efforts that align UK's full complement of disciplines, our health and research enterprises and new and strengthened partnerships with schools, government, corporations and industry to incentivize students to live and work in Kentucky following graduation.

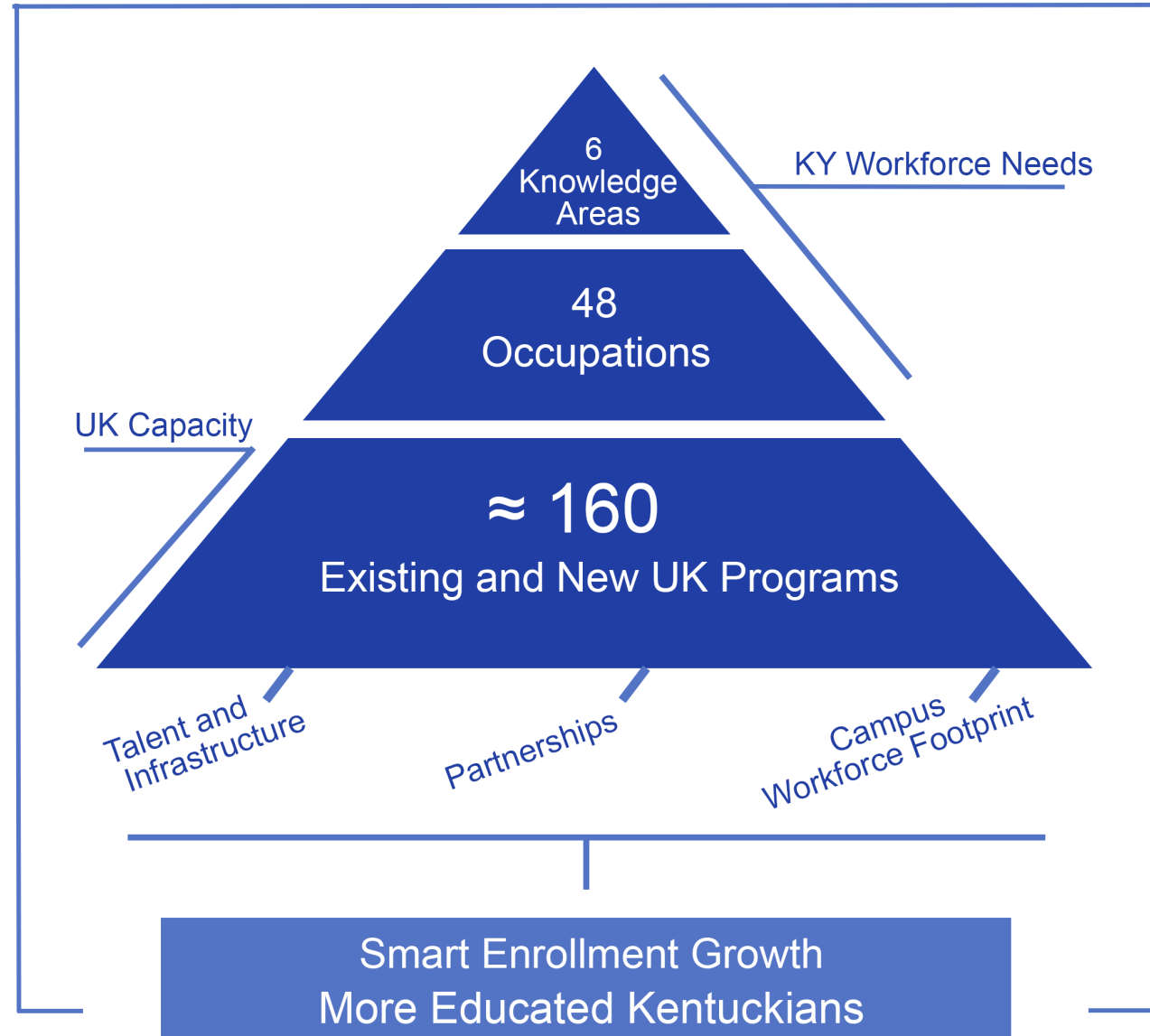
WORK GROUP 1: MORE EDUCATED KENTUCKIANS

Work Group timeline



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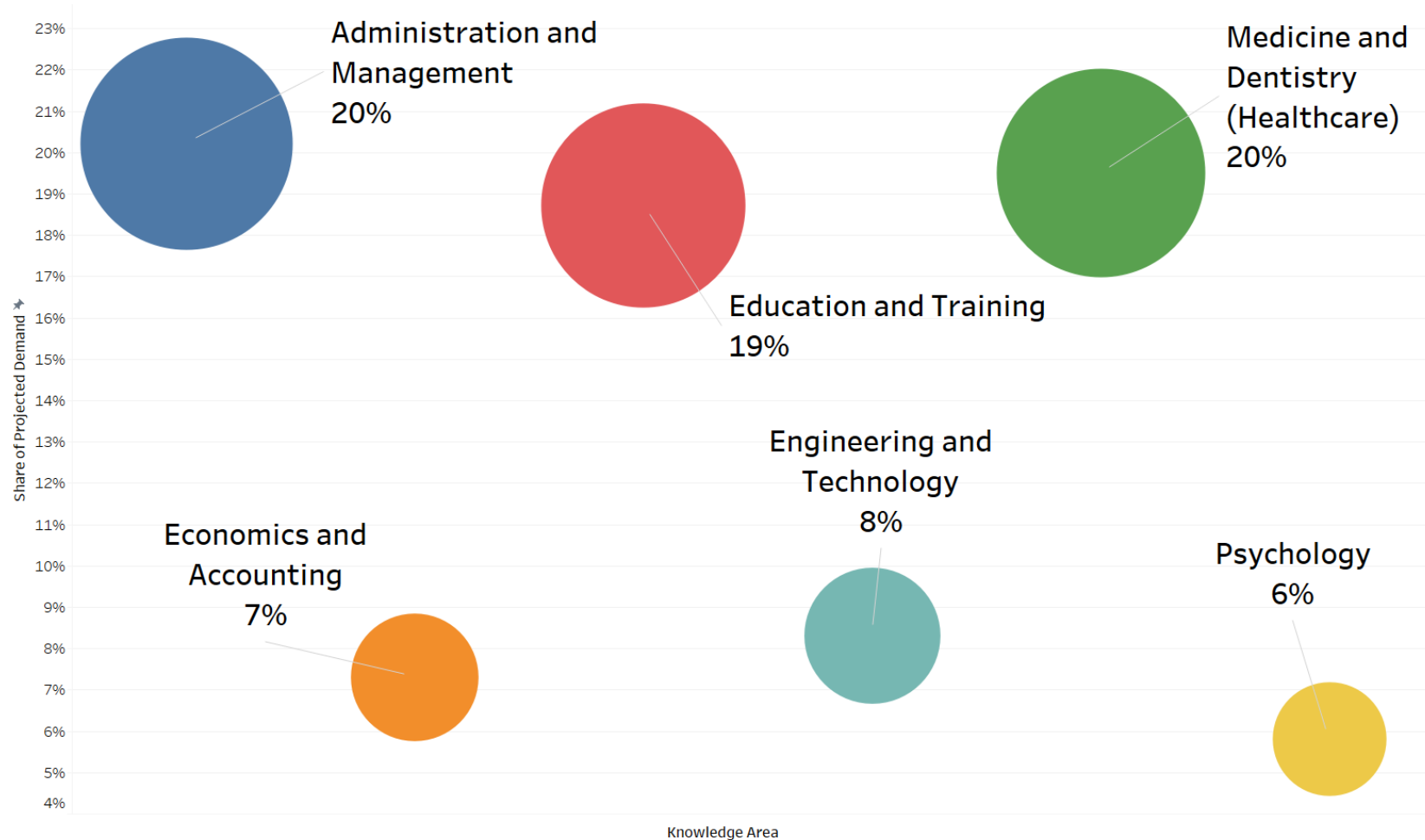
Summary: Work Group deliverables



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Preliminary workforce analysis

Preliminary Knowledge Areas



Preliminary workforce analysis: Initial occupational prioritization

Administration and Management

Top Examples:

- General and Operations Managers
- Project Management Specialists
- Medical and Health Services Managers

Economics and Accounting

Top Examples:

- Accountants and Auditors
- Human Resource Specialists
- Market Research Analysts and Marketing Specialists

Education and Training

Top Examples:

- Elementary School Teachers
- Secondary School Teachers
- Middle School Teachers

Engineering and Technology

Top Examples:

- Software Developers
- Industrial Engineers
- Mechanical Engineers

Medicine and Dentistry (Health Care)

Top Examples:

- Registered Nurses
- Nurse Practitioners
- Medical Dosimetrists

Psychology-Focused

Top Examples:

- Mental Health Counselors
- Child, Family and School Social Workers
- Speech-Language Pathologists

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Smart enrollment growth planning



Workforce Need
and Current State



Pipeline/Capacity
Planning



Partnership
Opportunities

Infrastructure Support and Considerations

Smart enrollment growth: Consultation with the colleges

- Conducted review of prioritized knowledge areas and major offerings by college
- All colleges were able to align with the priority knowledge areas as either direct alignment, a previously identified growth major or as a pipeline program to support critical skills
- Broad awareness and acknowledgement for the variety of major choices by students which may not ladder up directly to one of the prioritized knowledge areas but used those to frame the conversation and provide a starting point

Smart enrollment growth: Consultation with the colleges

- Potential barriers
 - Support increased capacity including physical space limitations (class space and operational space)
 - Faculty Distribution of Effort capacity
 - Student recruitment challenges
 - State/federal regulatory limitations
- Opportunities
 - Colleges uniquely identified interests in developing deeper relationships with partners which will be shared with Project Accelerate's Work Group 3 (More Partnerships)

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Smart enrollment growth: Medicine and Dentistry

There are 44 occupations within the knowledge area requiring at least a bachelor's degree.

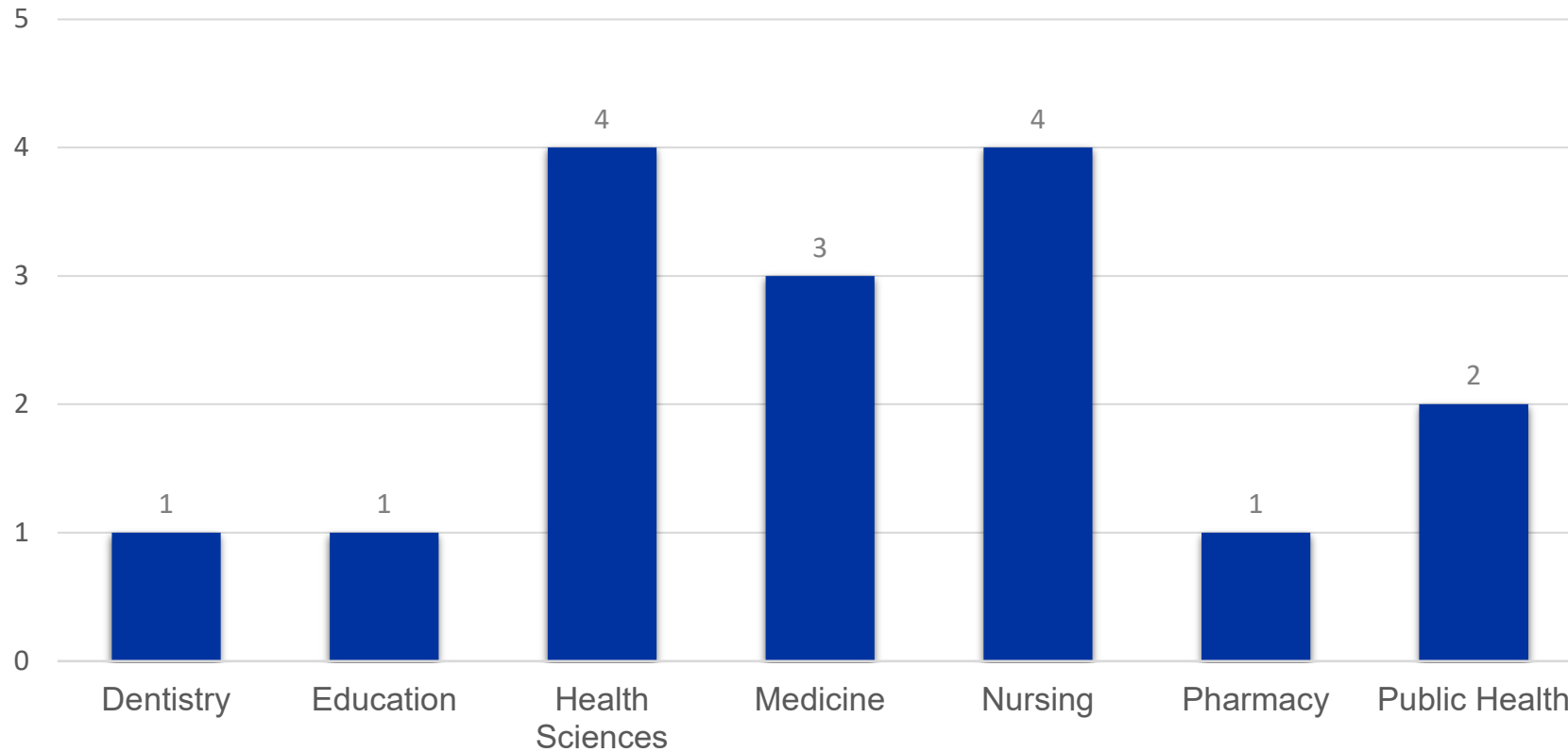
Data was collected for the following 13 occupations as an example:

	Occupation	Current Employment	Projected Demand (Growth & Exits)	Change in Employment 2021-2031 (%)	Share of Area's Total Projected Demand	Median Salary
Larger in Scale, High Projected Need	Registered Nurses	43,683	13,461	4.3%	42%	\$64,729
	Nurse Practitioners	4,677	2,524	24.3%	9%	\$103,869
	Medical Dosimetrists	6,253	2,498	4.1%	6%	\$136,699
	Medical & Clinical Laboratory Technologists	4,668	1,730	4.9%	5%	\$61,237
	Physical Therapists	3,099	964	9.8%	3%	\$84,796
	Pharmacists	5,054	1,005	1.1%	3%	\$131,820
	Physicians	3,787	604	2.2%	2%	n/a
Smaller in Scale, High Percentage Growth	Physician Assistants	1,251	294	15.1%	1%	\$103,092
	Epidemiologists	115	23	13.0%	0%	\$64,138
	Nurse Anesthetists	235	37	5.5%	0%	\$202,277
	Optometrists	436	63	5.3%	0%	\$105,961
	Dentists	832	111	4.0%	1%	\$132,565
	Athletic Trainers	886	133	15.3%	0%	\$48,194

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Smart enrollment growth: Medicine and Dentistry

Preliminary alignment of existing UK programs to knowledge area by college; however, all colleges identified courses or programs to support critical skills

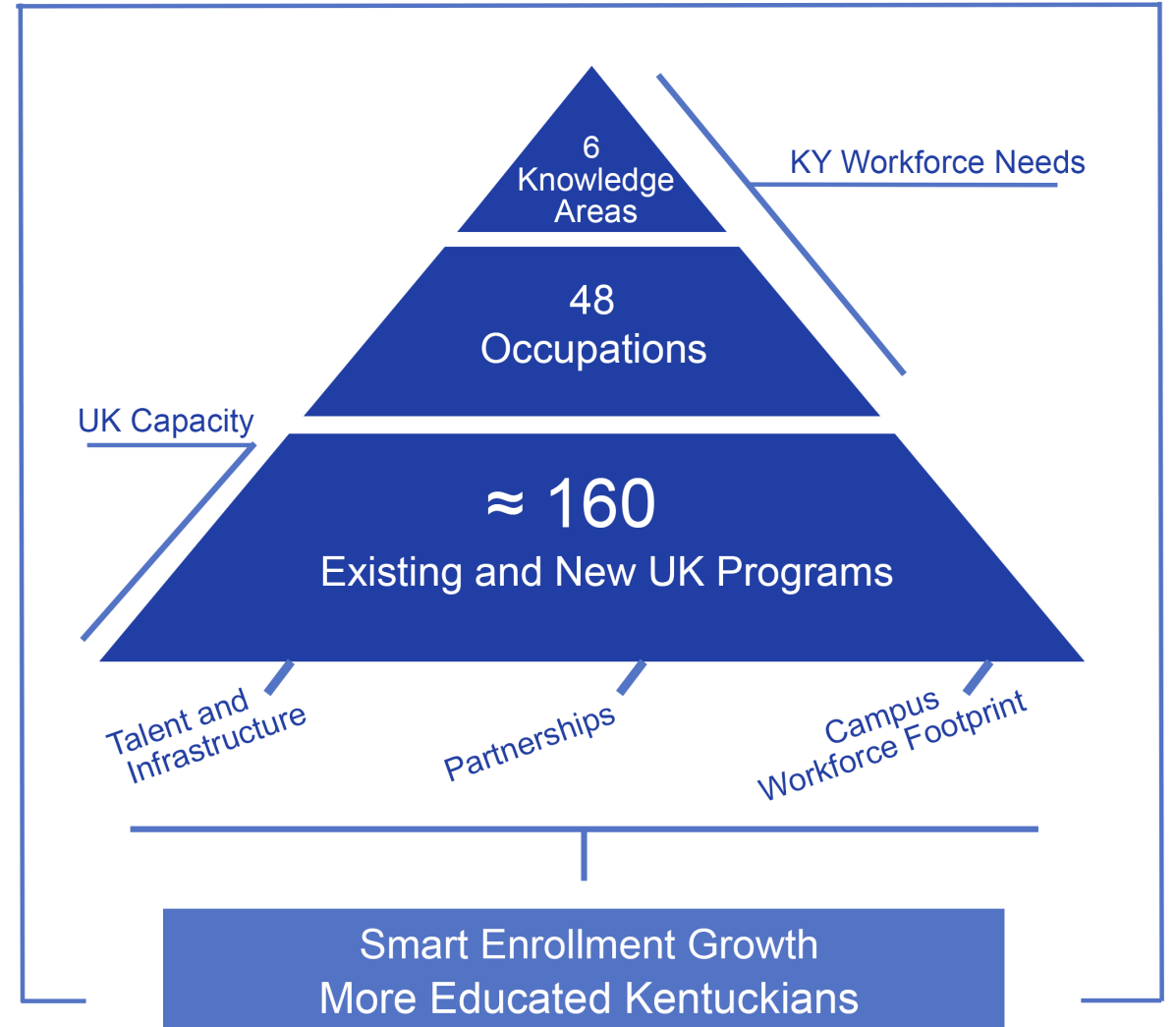


Source: UK Institutional Research, Analytics and Decision Support (IRADS)

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Pulling it all together

- Strategic and thoughtful enrollment growth necessary to support known workforce needs of Kentucky
- All colleges support growth in priority areas through either direct or pipeline programs
- Support to foster growth necessary for success – talent, infrastructure, partnerships, etc.



QUESTIONS

