



## Federal Demonstration Partnership Meeting

May 13, 2013

### **STAR Metrics: Data Consistency**

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## STAR Metrics: toward uniform job classifications

STAR Metrics Job Classification	Examples
Technician/Staff Scientist	Lab Tech/Animal Tech Engineers/Statisticians (Non-faculty) Research Scientists/Associates (Non-faculty) All Non-faculty PhD Level Scientists
Faculty	All Professorial Ranks (Tenure/Tenure track, Clinical, Research) Visiting Professors
Research Analyst/Coordinator	Research Analyst/Study Coordinator
Post Graduate Researcher	Medical Residents/Interns/Fellows Post-doctoral (Fellows/Associates/Trainees)
Undergraduates	All Undergraduates/Work Study
Graduate Students	Graduate Students/Medical Students
Clinicians	Non-faculty Healthcare Professionals Medical Technicians
Research Support	Regulatory: IBR Staff/Animal Admin Staff IT Staff Administrative Assistants/Secretaries Non-faculty Administrators Unknown/Unclear Job Classifications

## STAR Metrics: toward uniform job classifications

Technician/Staff Scientist

Lab/Animal Tech

Non-faculty PhD/MS/BS Level

Engineers/scientists/statisticians  
(Research Scientists/Associates)

IT Professionals

Administrative Professionals/Management

Machinist

Technical Service/Labor Operations

Temporary Service (corn detasslers)

Research Support

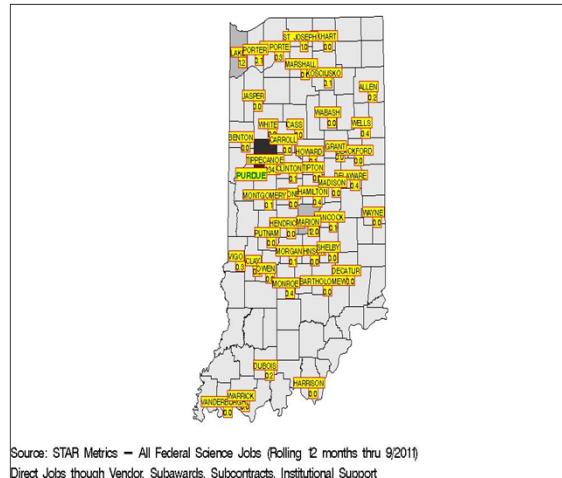
Communications Personnel

Clerical

Regulatory (Animal Administrative Staff)



## Federal Science Funding Data reported by regional campuses



## Federal Science Funding Data reported through main campus

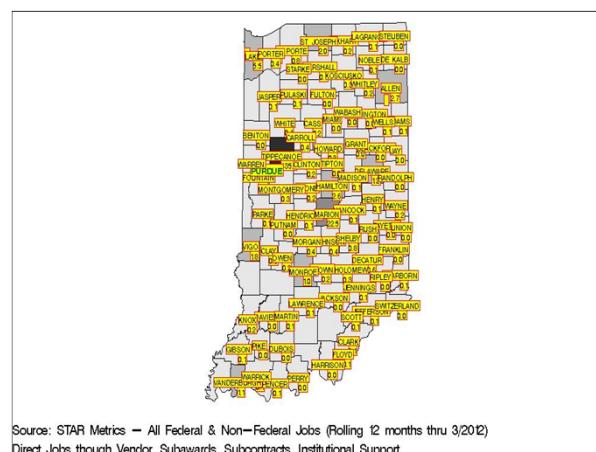
## Local Economic Impact

**for Purdue University**  
**Direct Jobs through Vendor, Subawards, Subcontracts, Institutional Support**



Source: STAR Metrics - Science Jobs (2010-04)

## All Extramural Funding Data reported by regional campuses





**All Extramural Funding  
Data reported by all campuses  
(Rolling 12 month average through 9/2012)**

## Indiana Total Jobs Created by County



## Indiana Total Jobs Created by County, Quantile

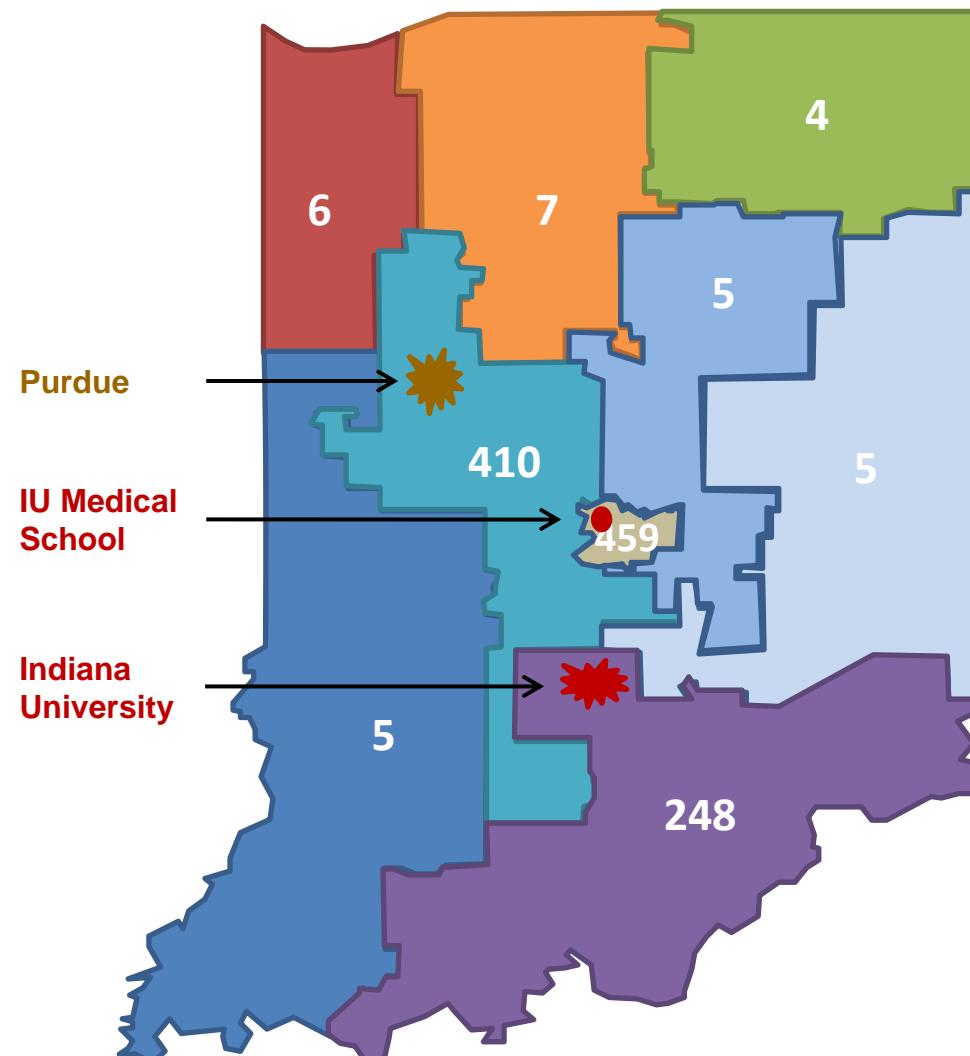


## Indiana Vendor Jobs Created by County



## Number of Jobs Created by All Science Funding in Indiana US Congressional Districts

Purdue University & Indiana University



## **Measuring the Results of Research Investments: Opportunities for CIC STAR METRICS Institutions**

CIC: Committee on Institutional Cooperation (Big Ten + Univ. of Chicago)

Joint effort by University VPRs and Scholarly Researchers: March 29<sup>th</sup>, 2013

*Goal: to inform the regional, national and international debate by developing open and transparent measures and methods to quantify scientific, economic and social impact that can be used and trusted by policy makers.*

### **Meeting Update**

- All day meeting with presentations by CIC economics faculty
- Faculty proposed scholarly research based on CIC STAR Metrics data
- Request for all CIC schools to make institutional STAR Metrics data available for the faculty groups
- Purdue will contribute its STAR Metrics data when data has been reanalyzed using revised employee classifications (summer 2013)