



Center for Regional Development

# Impact of Broadband Infrastructure & Remote Workers in Indiana

Digital Inclusion  
Research Forum

---

**Roberto Gallardo, Ph.D.**

October 2023



# Methodology

## Broadband Infrastructure

- Public & private investment used as inputs per region
- Input category was industry detailed sales in the power and communications structures
- Report: [RPI-Impact-of-Broadband-Investments.pdf \(purdue.edu\)](https://www.purdue.edu/rpi-impact-of-broadband-investments.pdf)

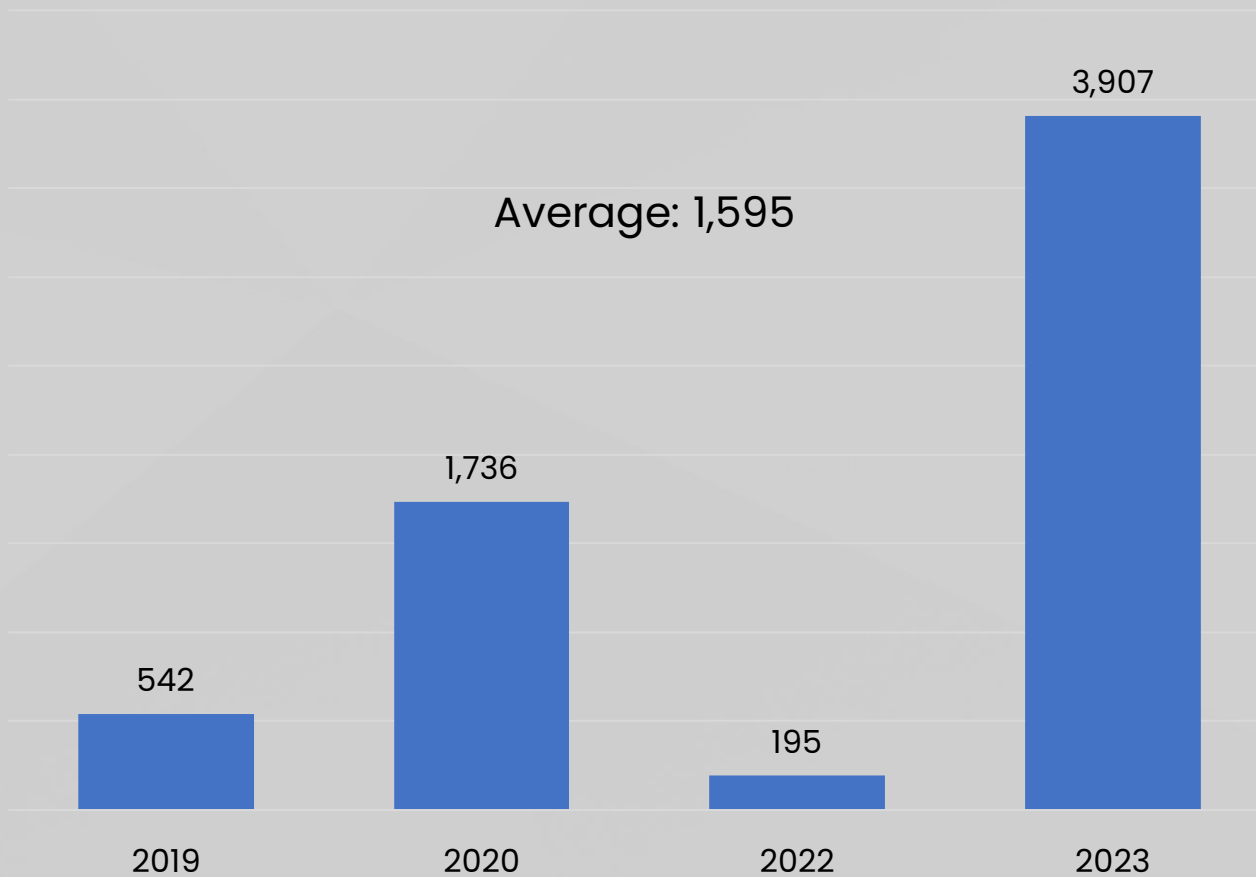
## Work from Home

- Grouped 70 REMI industries into 13 Census work from home industries and used number of workers as policy inputs
- Report: [The Impact of Remote Work | Purdue Center for Regional Development](#)

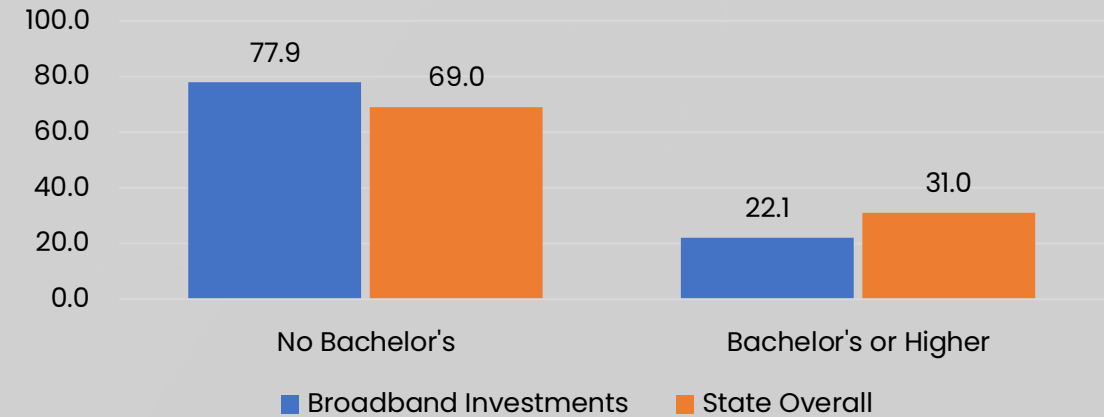


# Indiana: Employment Impact

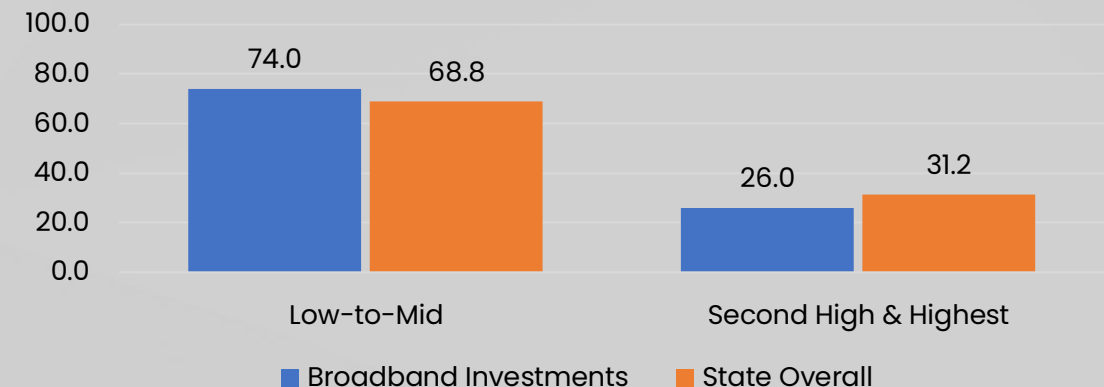
## Employment (Number of Jobs)



## Educational Attainment Breakdown (%)

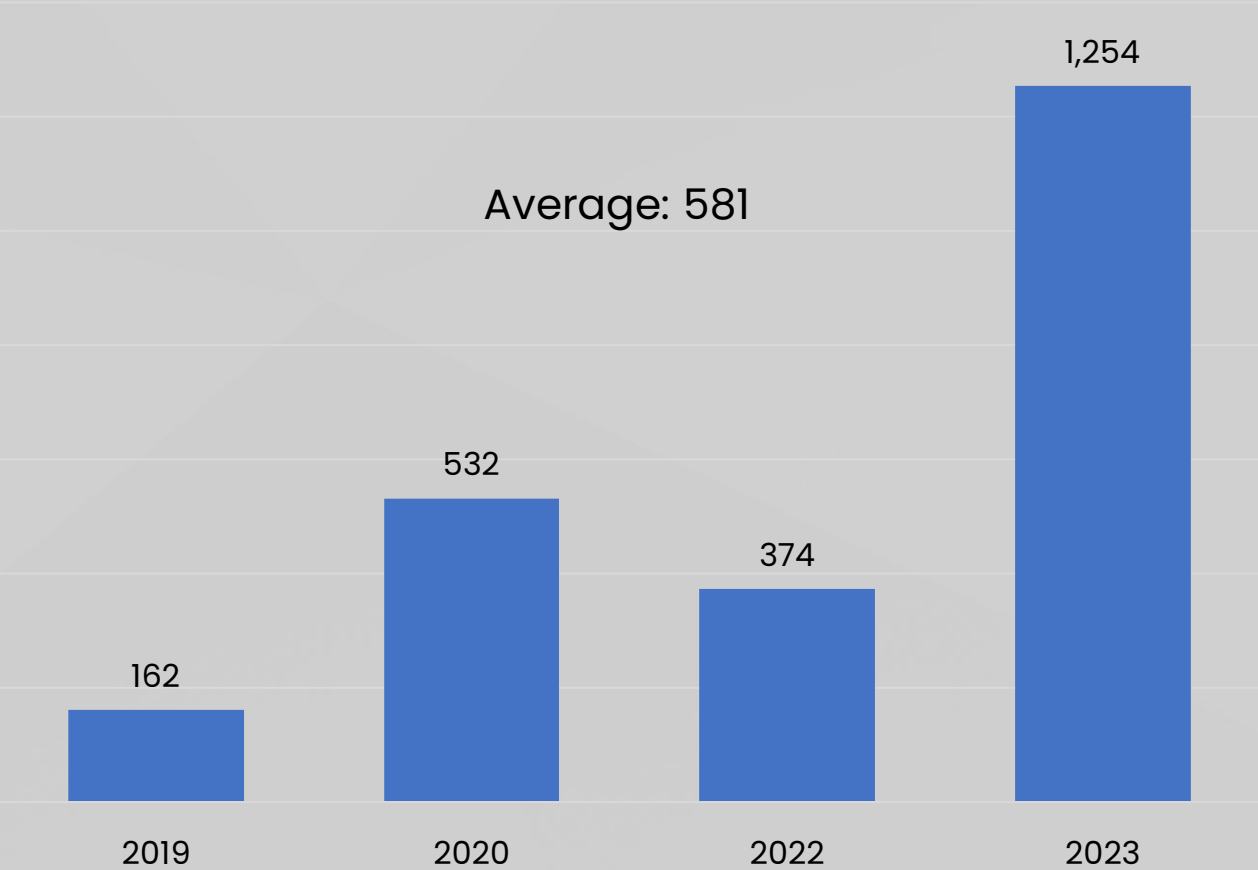


## Compensation Quintiles, All Occupations (%)

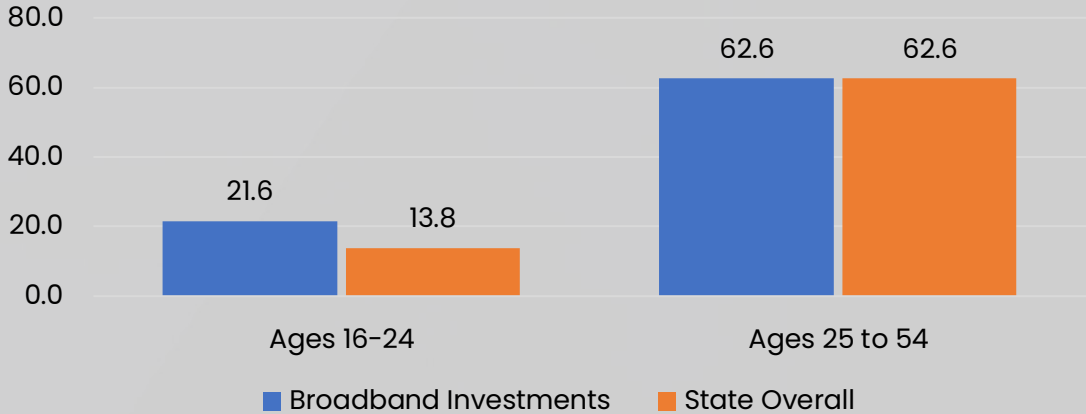


# Indiana: Labor Force

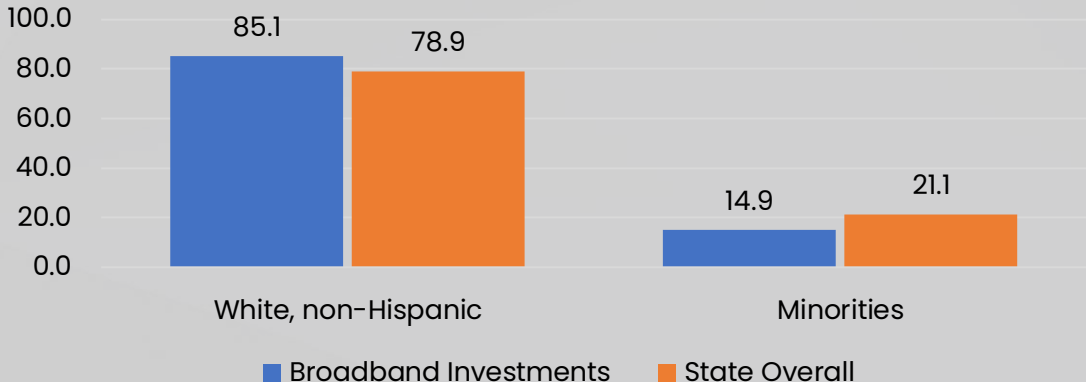
### Number of Workers



### Age Groups Breakdown (%)



### Race & Ethnicity (%)



# Indiana Worked from Home: 2021



Worked from Home in 2021:

**222,777**

2021 Impacts:



**+493,790** jobs



**+149,444** population



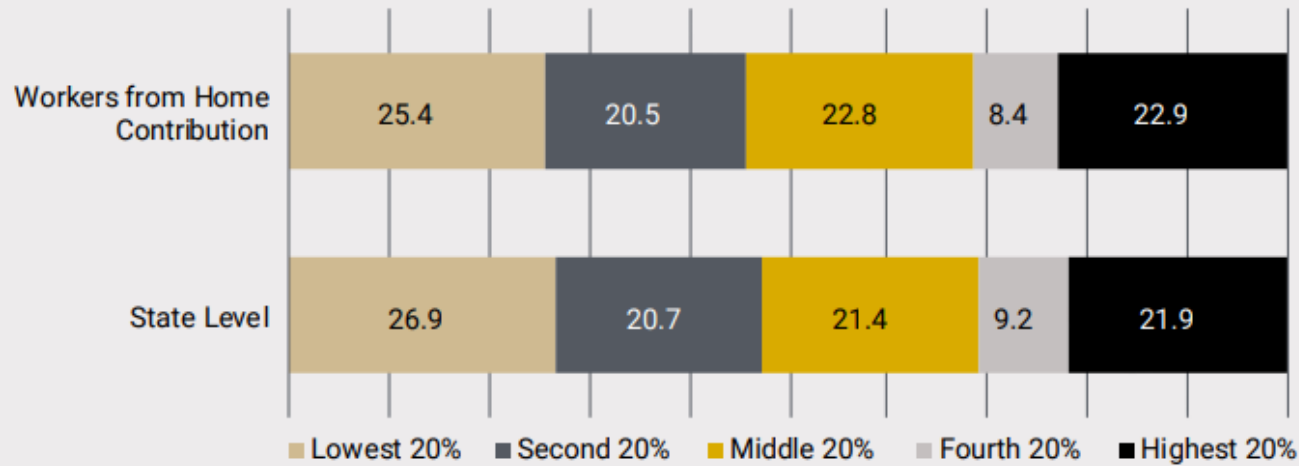
**+129,377** labor force



**+\$53.7 million** to the state's GDP

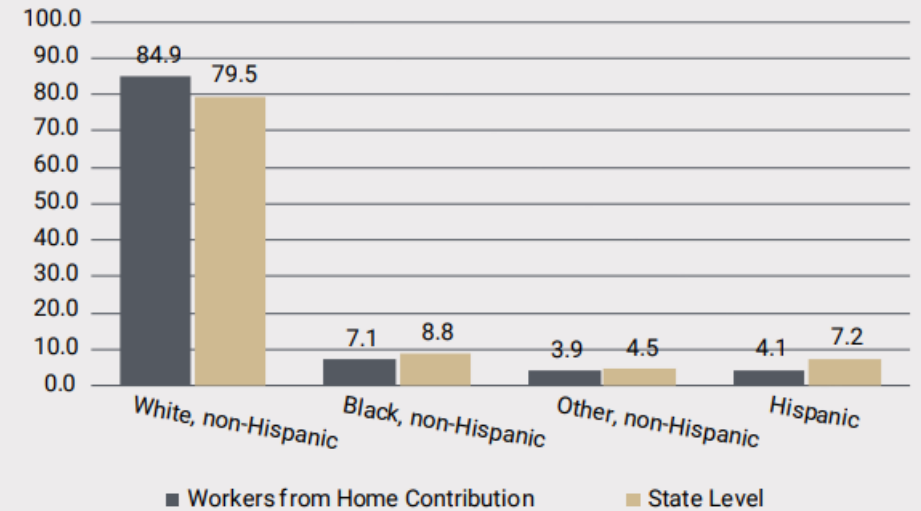
# Indiana Worked from Home: 2021

**Figure 8. Share of Jobs by Earning Quintiles**



Source: REMI PI+

**Figure 10. Share of Additional Labor Force by Race/Ethnicity**



Source: REMI PI+





Schowe House  
PCRD Headquarters

## How can we help?



(765) 494-7273



[pcrd.purdue.edu](http://pcrd.purdue.edu)



/purdueCRD



@PCRD



/company/pcrd



/purduecrd



Center for Regional Development