



# LED “On-The-Map”

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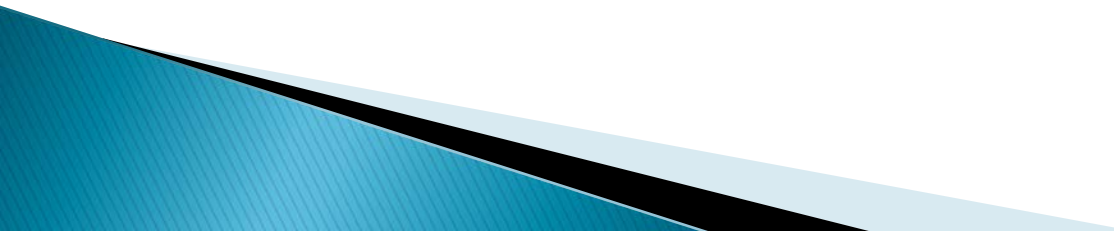
## Research and Planning for School Districts

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Idaho Department of Labor  
September, 2014

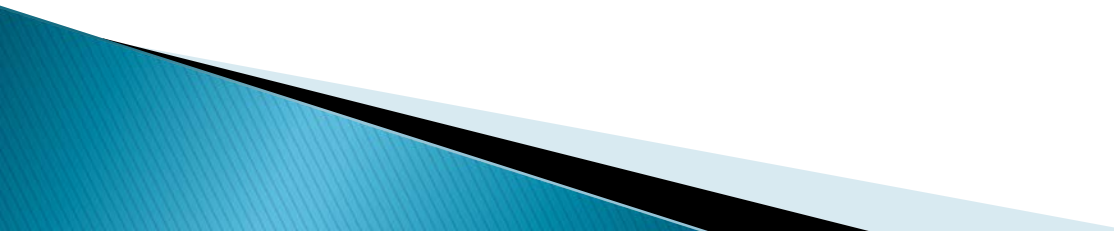
# State Government Policy and Planning

- ▶ Work and labor sheds – Commuting patterns
- ▶ Site planning for service centers
- ▶ Transportation planning
- ▶ Sub-geographical analyses
- ▶ **School districts?**

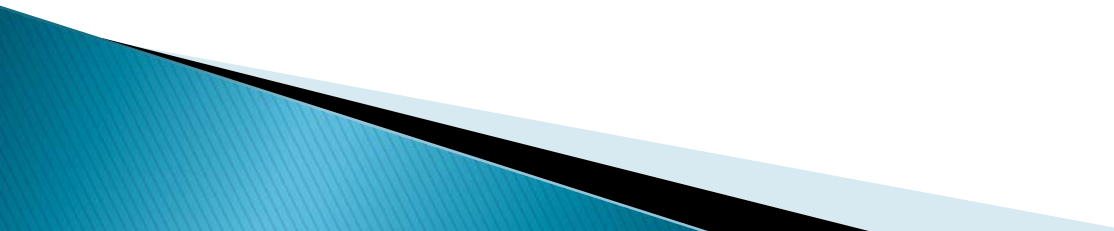
# School Districts Applications

- ▶ Athletic Funding and pay-to-play
  - ▶ West Ada School district chose to adopt a play-to-play approach due to the “great recession” and its severe impact on school district budgets
  - ▶ Why care? – Athletic participation rates and the relationship to earnings
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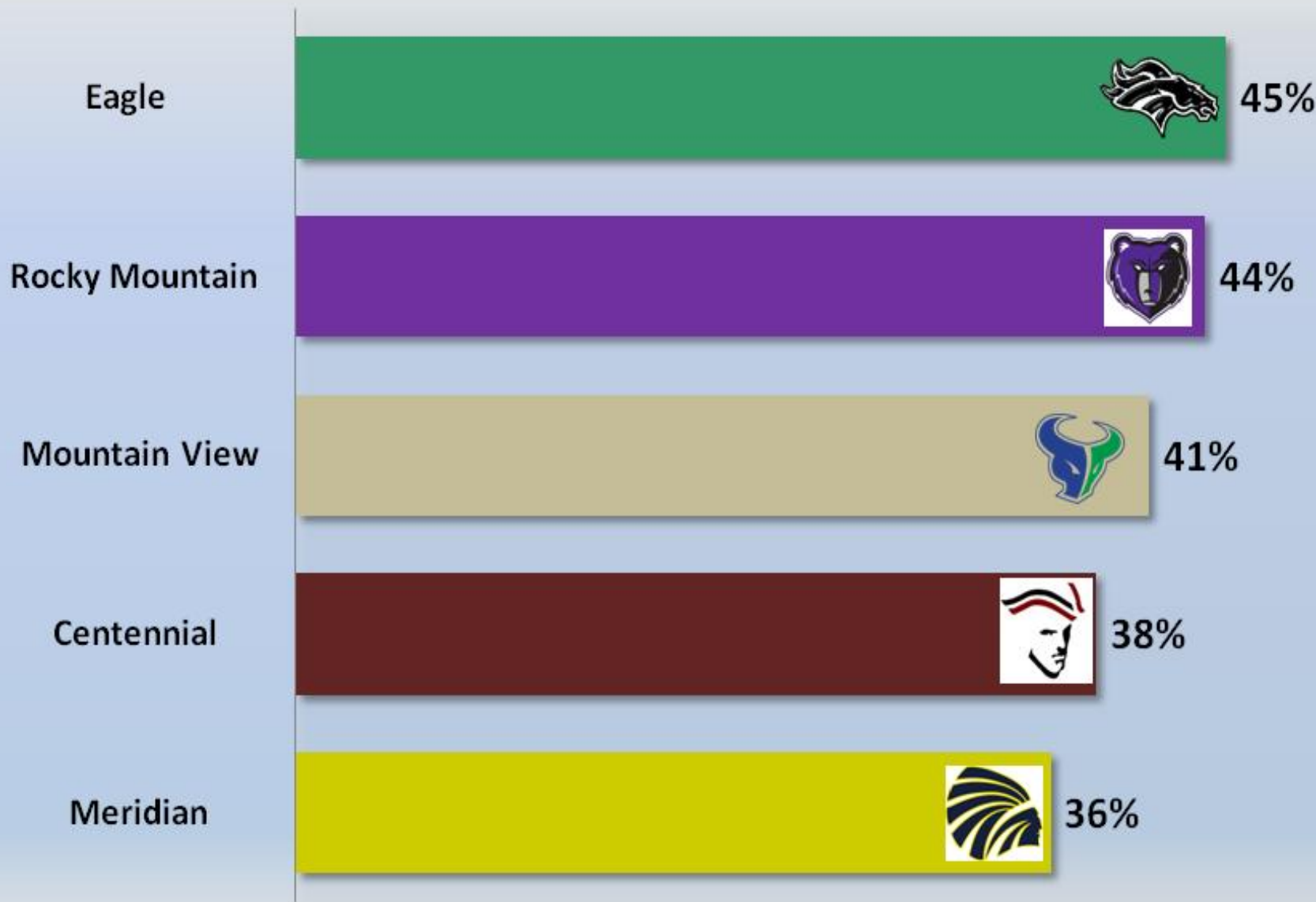
# School District Policy

- ▶ \$110 dollars for participation in each sport/activity
  - ▶ Money goes directly to coaching stipends
  - ▶ How does that affect us?
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# Earnings analysis for schools in the West Ada School District

- ▶ How much is the income disparity between competing high schools?
  - ▶ And how will that impact participation rates for the entire school district as well as between the competing high schools?
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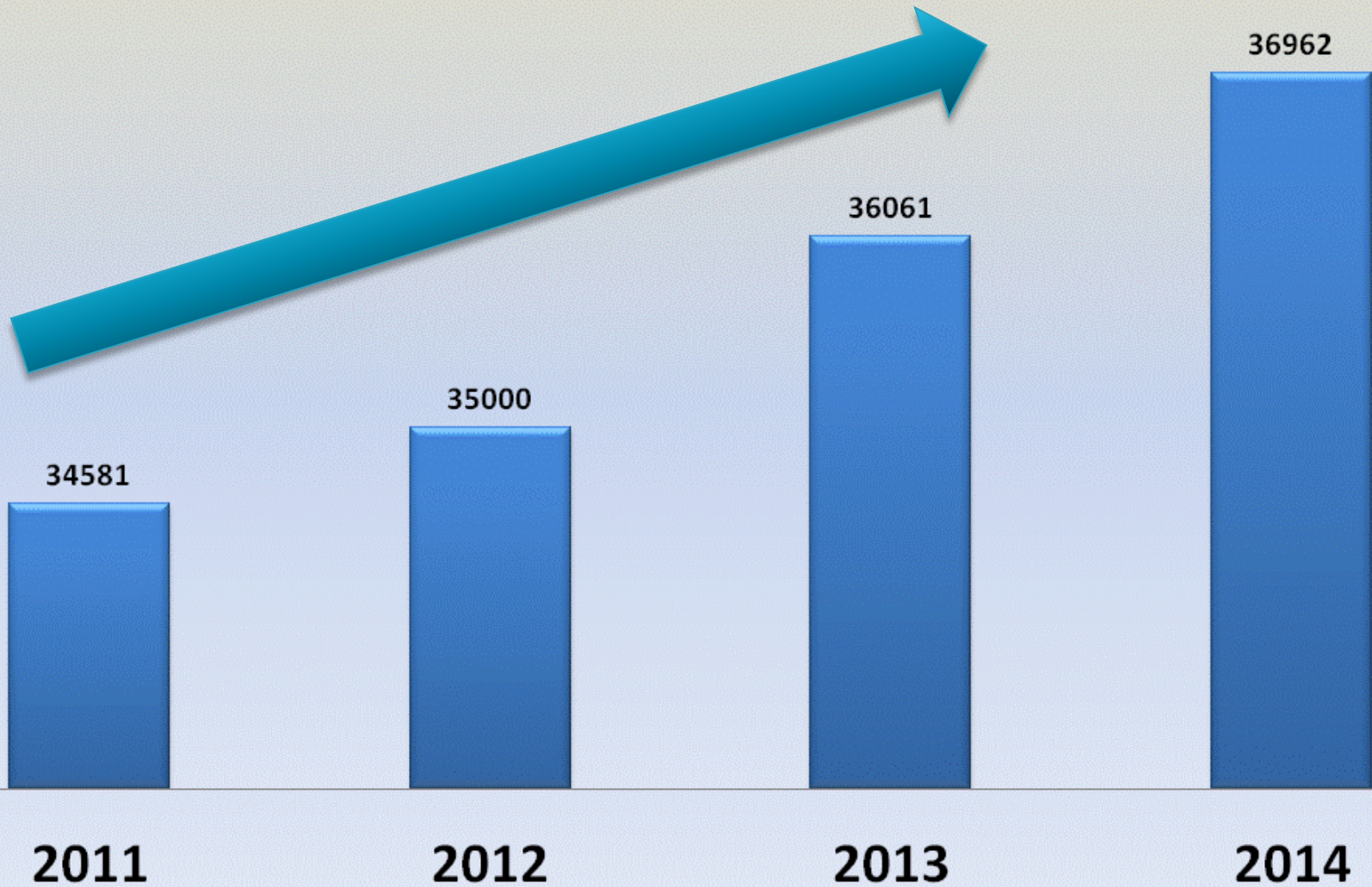
## Percentage of Job Holders Earning Greater than \$3,333 per Month within the West Ada School District High School 2014 Boundaries





# Enrollment

Enrollment - West Ada School District (2011-2014)



# Participation in Athletics

Participation in Athletics for the West Ada School District (2011-2014)





# Enrollment and participation in athletics over the last three years

## West Ada School District

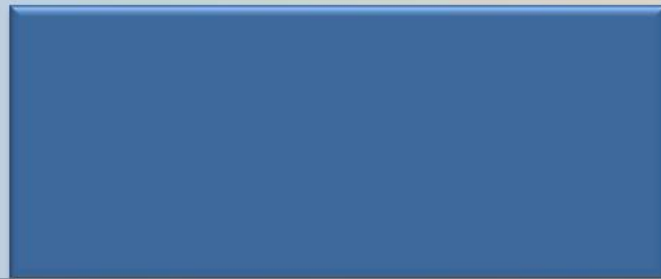
Enrollment/Athletic Participation Figures  
(2011-2014)

6.89%

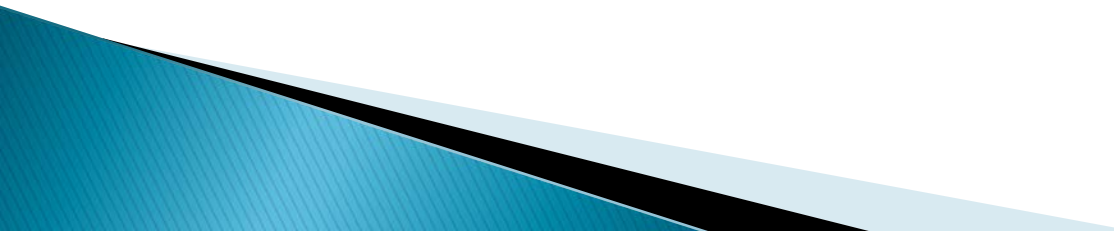
Enrollment

Athletics

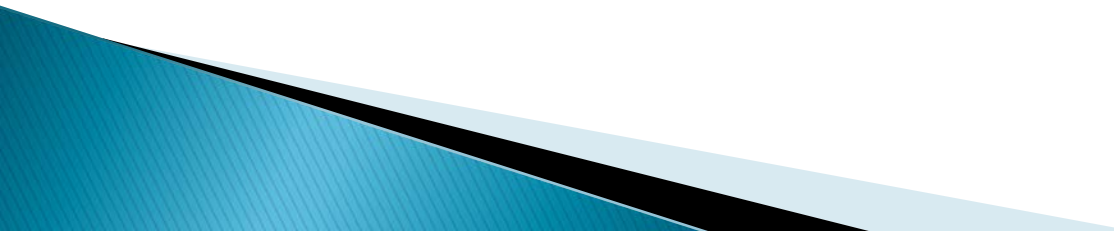
-12.51%



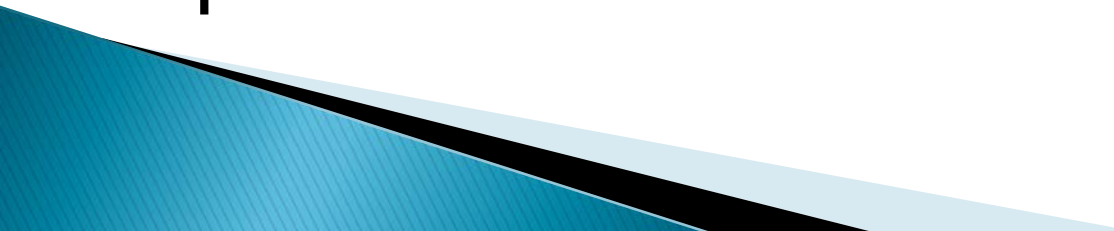
# Next Phase

- ▶ Cross-comparisons between contiguous school districts
  - ▶ Strong correlation statistics between earnings and participation in school sports by individual high school
  - ▶ Compare the impact on/with club sports participation rates
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# Drawbacks

- ▶ Can't discern between household size, structure of the family and the associated bread winners
  - ▶ Growing, changing and thriving geographies rely heavily on current data
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# Potential Boundary Analyses

- ▶ Potential boundary analyses
  - ▶ Gender, educational attainment, age, race and ethnicity analyses
  - ▶ Measure differences in enrollment between the five high schools
  - ▶ Overcrowding and potential divisional changes
  - ▶ Mandatory versus open enrollment by place of residence
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***Thank  
You!***

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# LED “On-The-Map” – Research and Planning for School Districts



## PROCESS

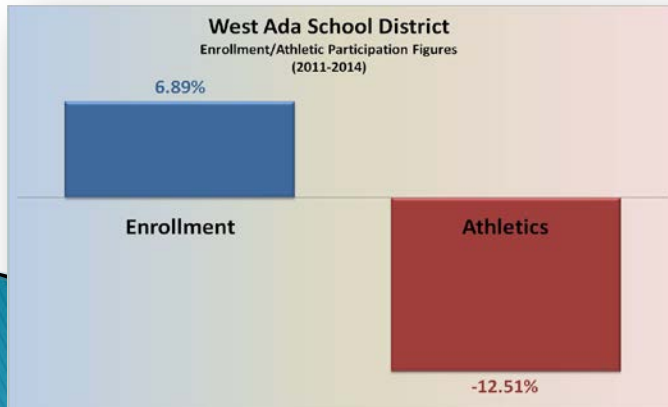
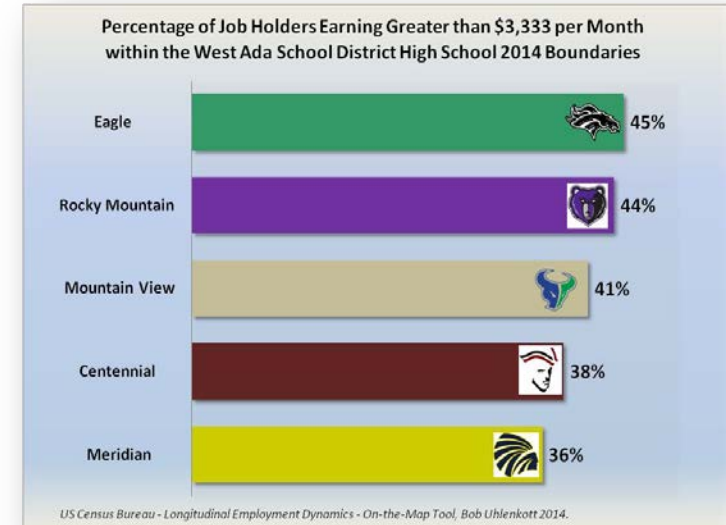
- ▶ Go to LED “On-The-Map”
- ▶ Navigate to the desired geography and use the free-hand drawing tool to select school boundaries or sub-geography
- ▶ Download report and analyze data

## FINDINGS

- ▶ LED On-The-Map allows for the analyst to measure and compare economic data in many cases at the neighborhood level
- ▶ They are also able to measure the earnings of workers within the school boundaries and make comparisons to other school subdivisions

## DRAWBACKS

- ▶ Can't discern between household size, structure of the family and the associated bread winners
- ▶ Growing, changing and thriving geographies rely heavily on current data



## OTHER SCHOOL DISTRICT APPLICATIONS

- ▶ Potential school boundary research
- ▶ Gender, educational attainment, age, race and ethnicity and associated metrics analyses
- ▶ Measure differences in enrollment between the five high
- ▶ Overcrowding and potential divisional changes
- ▶ Mandatory versus open enrollment by place of residence