Understanding Relative Incomes and Wages

Mark Boehm

South Dakota Demography Conference



GOED's Wage calculator accounts for income taxes and accurately computes

- Federal Income Tax
- State Income Tax
- Social Security Tax

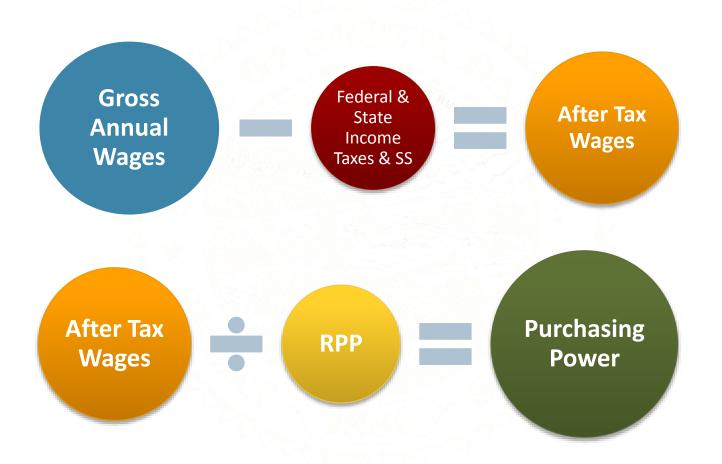
Uses most common tax filing scenario

- Single filer
- Standard deduction
- No additional dependents



www.calculaterealwages.com







BEA Regional Price Parities (RPP)		(vs)	C2ER Cost of Living Index	
1	More Price Inputs		Ψ	Roughly 200 Price inputs
1	Uses Consumer Price Index		Ψ	Self-Reported, subject to bias
1	435 MSA's		Ψ	300 Cities
↑	Offers Metro, Non-Metro, and Statewide geographies		Ψ	Only cities included are those who opt to participate
1	Includes Sales Tax		Ψ	Designed for Executives
1	Less Volatile			
Ψ	Lags about 2 years			



Issues

- Timing lag
- Nonmetropolitan vs State Averages
 - Micropolitans
- Local Knowledge
- Format limitations



South Dakota MSA Comparison

Income Levels →	\$45,000	\$75,000
North Sioux City MSA	31 st	27 th
Rapid City MSA	85 th	67 th
Sioux Falls MSA	100 th	87th

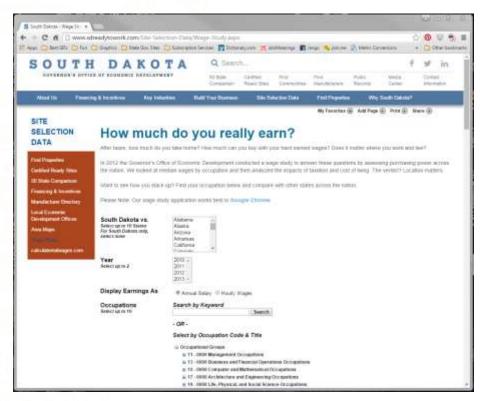
Ranking among 435 MSA's



Wage Study

Wage Study

- 2010 through 2014 available
- 800 SOC codes
- All fifty states & DC
- Starting point median wage from DOL
- Same methodology as RWC
- Uses state averageRPP



http://www.sdreadytowork.com/Site-Selection-Data/Wage-Study.aspx



Wage Study

Wage Study Findings

SD ranks well, simple average

Year	Rank	Gross Wage	Purchasing Power
2010	10 th	\$39,722	\$37,049
2011	6 th	\$41,221	\$38,904
2012	8 th	\$42,275	\$39,842
2013	11 th	\$43,244	\$39,245
2014	7th	\$44,399	\$40,283

Pay for skilled labor is elastic



Wage Study Trends

	% Change	Rank
Gross Wage % Increase 2010-2014	11.8%	3rd
Gross Wage % Increase 2013-2014	2.7%	13 th
Purchasing Power \$ Increase 2010-2014	8.7%	4 th
Purchasing Power % Increase 2013-2014	2.6%	7th



Where do we go from here?

- Just signed 3 year contract for tax calculations
- More promotion
- Make available for research
- Let other wage calculators use



Demonstration

Real Wage Calculator

www.calculaterealwages.com

Wage Study

http://www.sdreadytowork.com/Site-Selection-Data/Wage-Study.aspx



Questions? Comments?

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