Indiana Labor Market Forecast
2008

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➢ Annual Forecast of labor market data (QWI)

➢ Reduced form & time series model based on national forecast

➢ Insight into labor market issues (job flows, turnover, wages, age groups, industries, etc.)

➢ Disaggregated to Workforce Investment Region
Full forecast in December – Just a sneak preview today

Each regional model has:

- 32 variables
- 8 reduced form equations
- 1 to 8 quarterly lagged values
- 4 national level forecast elements
y = 15.454x^2 - 38255x + 3E+07
Average Monthly Earnings
Statewide

\[ y = 0.0122x^2 - 24.046x + 13987 \]
Average Monthly New Hire Earnings
Statewide

\[ y = 1.686x - 185.83 \]

Quarter

Forecast  Lower 95%  Upper 95%  Actual  Linear (Actual)
Turnover Statewide

\[ y = 5 \times 10^{-6} x^2 - 0.0128 x + 8.078 \]

Quarter:
- Jul-98 to Jul-08
- Forecast
- Lower 95%
- Upper 95%
- Actual
- Poly. (Actual)
Employment Region 6

\[ y = 0.5139x^2 - 1471.5x + 1E+06 \]
Average Monthly Earnings
Region 6

\[ y = -0.0055x^2 + 17.042x - 10146 \]
Average Monthly New Hire Earnings
Region 6

\[ y = 0.0151x^2 - 34.374x + 21085 \]
Turnover
Region 6

\[ y = 4E-06x^2 - 0.0111x + 7.0566 \]