

# Summary Statistics

State-Industry Panel Analysis

Table 1: Dataset Overview

Metric	Value
Total Observations	17,604
Unique States	51
Unique Industries	22
State-Industry Pairs	1119
Years Covered	2007-2022

Table 2: Key Variables Statistics

workers	median_wage	mean_wage	wage_inequality	wage_inequality_ratio	
Count	17,604	17,604	17,604	17,604	17604.00
Mean	1,298	37,694	48,245	10,551	1.38
Std Dev	2,136	18,612	21,949	8,228	3.92
25%	156	24,000	32,294	5,746	1.16
Median	529	36,000	45,080	8,903	1.31
75%	1,490	48,000	59,176	13,803	1.45
Min	1	60	3,000	-92,740	0.69
Max	24,181	328,000	270,222	160,222	510.10

Table 3: Coverage Statistics

Metric	Value
Avg Industries per State	21.9
Min Industries per State	21
Max Industries per State	22
Avg Years per State-Industry	15.7
Avg State-Industry Pairs per Year	1100.2
Balanced Panels (%)	94.1%
Data Completeness (%)	98.1%

Table 4: Data Quality Indicators

Metric	Count	Percentage
Rows with Missing Values	17604	100.0%
Total Missing Values	18721	106.35%
Mean < Median Cases	349	1.98%
Worker Variable Outliers	1669	9.48%
Zero/Negative Wages	0	0.0%

Table 5: Regional Statistics

Observations	Share	States	Industries	Mean Size	Median Size	
Midwest	4129	23.5%	12	22	1,236	622
Northeast	3113	17.7%	9	22	1,359	432
South	5877	33.4%	17	22	1,399	653
West	4485	25.5%	13	22	1,178	376

Table 6: Time Period Analysis

Period	Years	Observations	Share	Mean Workers	Mean Wage Inequality	Median Wage Inequality
Pre-2015	2007-2014	8924	50.7%	1,251	9,238	7,889
Post-2015	2015-2019	5480	31.1%	1,356	11,340	9,718
COVID Period	2020-2022	3200	18.2%	1,328	12,859	10,999