

# Mississippi's Finance, Technology & Electronics Sectors

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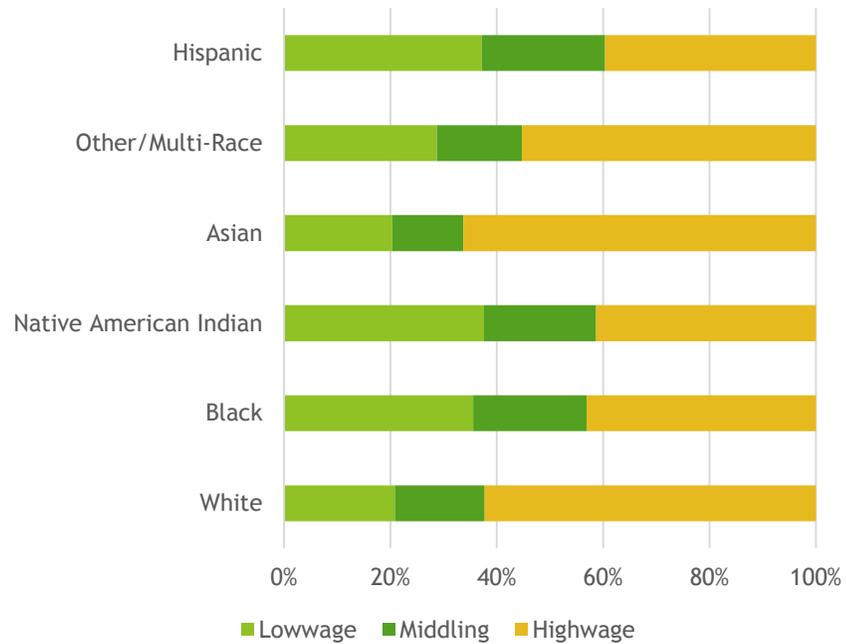
Bucknell University

# How Mississippi Damned the Educational Attainment of Its Black Citizens: A prescription for Poverty (Sharpe and Edmondson)

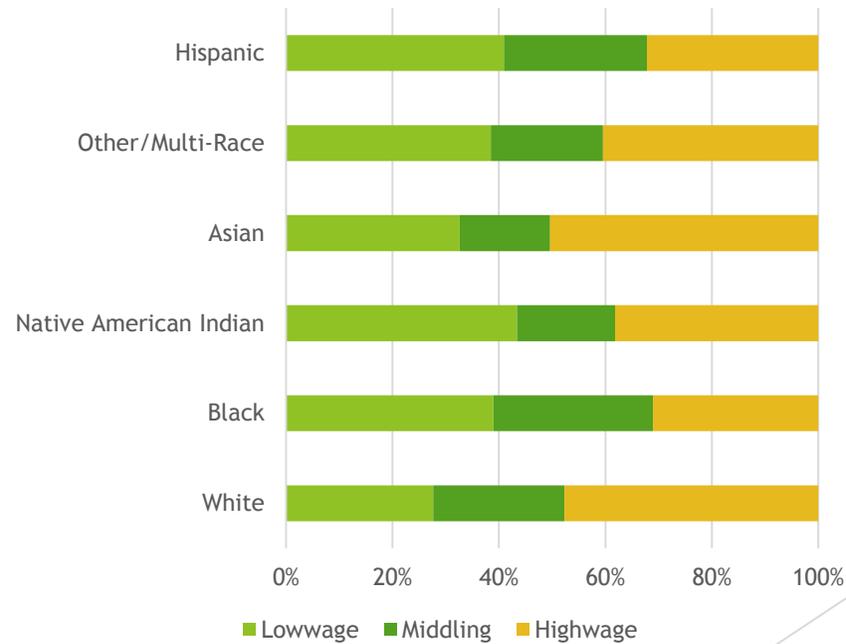
- ▶ Alexander, Florence O. 1947. “The Education of Negroes in Mississippi,” *Journal of Negro Education*
  - 95% of Negro children were enrolled in elementary school (grades 1-8) compared to 80% of white children;
  - 5% of Negro children were enrolled in high school (grades 9-12) compared to 20% of white children;
  - of 16,000 public school teachers, 6,457 were Negro teachers;
  - Less than 36% of Negro teachers were high school graduates compared to nearly 50% of white teachers who had a bachelor’s degree;
  - Per pupil spending in 1944-45 was \$45.79/white child and \$10.10/Negro child;
  - White schools were in session 8 months and Negro schools for 6 months;
  - Negro teachers earned 45% of white teachers’ salaries in 1944-45 and 47% in 1946-47;
  - Compulsory education was mandated in 1920, but not enforced for either race

# Two-Sector and Middling Distribution by Race and Location

## Non-Rural Residents



## Rural Residents



# Two-Sector and Middling Average Income by Location and Race

## Non-Rural Residents

Race/Ethnicity	Low Wage	Middling	High Wage	Total
Asian	\$22,175	\$29,044	\$75,527	\$59,112
Black	\$20,942	\$28,081	\$46,810	\$34,012
Hispanic	\$20,782	\$27,218	\$48,112	\$33,422
Native American Indian	\$20,111	\$28,810	\$44,346	\$32,349
Other/Multi-Race	\$18,516	\$27,012	\$54,668	\$40,314
White	\$23,545	\$33,750	\$70,089	\$54,820
Total	\$22,383	\$31,541	\$66,250	\$49,711

## Rural Residents

Race/Ethnicity	Low Wage	Middling	High Wage	Total
Asian	\$19,430	\$22,834	\$54,183	\$38,095
Black	\$15,995	\$24,494	\$31,297	\$23,557
Hispanic	\$17,452	\$27,209	\$38,453	\$26,986
Native American Indian	\$19,215	\$28,668	\$35,540	\$27,467
Other/Multi-Race	\$15,859	\$25,175	\$35,758	\$26,161
White	\$20,348	\$31,159	\$47,338	\$36,212
Total	\$19,697	\$30,342	\$46,098	\$34,725

# Two-Sector and Middling Home Ownership by Location and Race

## Non-Rural Residents

Race/Ethnicity	Low Wage	Middling	High Wage	Total
White	16%	20%	15%	16%
Black	11%	13%	10%	11%
Native American Indian	27%	28%	26%	27%
Asian	17%	18%	15%	16%
Other/Multi-Race	11%	13%	11%	11%
Hispanic	12%	14%	13%	13%
Total	15%	18%	15%	15%

## Rural Residents

Race/Ethnicity	Low Wage	Middling	High Wage	Total
White	23%	27%	23%	24%
Black	19%	24%	23%	22%
Native American Indian	46%	40%	37%	42%
Asian	21%	21%	19%	20%
Other/Multi-Race	17%	20%	17%	18%
Hispanic	26%	28%	24%	26%
Total	24%	27%	23%	25%

# Low Wage Sector: Disciplines by Earnings

## Top Five Earning Disciplines

	White	Black	Native American Indian	Asian	Other/Multi -Race	Hispanic	Total
Criminal justice and fire protection	\$56,190	\$46,433	\$42,052	\$58,202	\$47,531	\$52,803	\$54,447
Nuclear, industrial radiology, and biological technologies	\$66,000	\$19,800			\$22,100		\$47,980
Transportation sciences and technologies	\$54,032	\$39,925	\$50,000	\$29,200	\$3,000	\$37,367	\$46,546
Law	\$36,363	\$46,325	\$49,000	\$25,000	\$8,800	\$41,270	\$38,285
Construction services	\$40,294	\$18,700		\$35,729		\$34,333	\$38,088

## Bottom Five Earning Disciplines

	White	Black	Native American Indian	Asian	Other/Multi -Race	Hispanic	Total
Fine arts	\$21,530	\$23,386	\$10,333	\$21,212	\$15,872	\$20,447	\$21,303
Library science	\$14,611	\$38,000		\$30,000			\$21,192
Communication technologies	\$18,357	\$32,000		\$21,625		\$26,500	\$19,735
Family and consumer sciences	\$18,107	\$21,988	\$17,467	\$15,909	\$37,600	\$18,862	\$18,575
Military technologies						\$7,000	\$3,500
Total	\$18,780	\$16,737	\$15,665	\$18,379	\$14,811	\$16,919	\$17,999

# Middling: Disciplines by Earnings

## Top Five Earning Disciplines

	White	Black	Native American Indian	Asian	Other/Multi-Race	Hispanic	Total
Transportation sciences and technologies	\$74,745	\$28,000	\$158,000	\$30,393	\$325,000	\$125,917	\$74,201
Nuclear, industrial radiology, and biological technologies	\$50,000						\$50,000
Engineering	\$50,721	\$36,352	\$42,211	\$37,335	\$34,991	\$34,221	\$44,219
Engineering technologies	\$44,773	\$39,241	\$9,200	\$45,321	\$22,667	\$35,393	\$42,891
Physical sciences	\$43,745	\$29,836	\$21,667	\$40,536	\$44,545	\$40,535	\$41,851

## Bottom Five Earning Disciplines

	White	Black	Native American Indian	Asian	Other/Multi-Race	Hispanic	Total
Library science	\$18,167	\$76,500		\$38,167		\$5,900	\$27,675
Education administration and teaching	\$26,187	\$27,661	\$39,765	\$22,977	\$21,228	\$22,789	\$25,896
Communication technologies	\$27,411	\$12,800		\$34,417	\$26,333	\$15,250	\$25,651
Family and consumer science	\$22,391	\$29,513	\$2,100	\$23,369	\$23,825	\$14,059	\$22,339
Cosmetology services	\$18,278	\$27,700	\$8,000			\$16,600	\$20,044
Total	\$28,374	\$23,205	\$23,782	\$24,353	\$22,423	\$23,717	\$26,730

# High Wage Sector: Disciplines by Earnings

## Top Five Earning Disciplines

	White	Black	Native American Indian	Asian	Other/Multi- Race	Hispanic	Total
Engineering	\$107,041	\$82,021	\$69,073	\$96,326	\$85,376	\$87,712	\$102,251
Biology and life sciences	\$97,768	\$71,430	\$53,107	\$96,728	\$79,840	\$85,162	\$95,255
Physical sciences	\$98,145	\$66,043	\$111,452	\$91,346	\$81,406	\$76,845	\$94,271
Transportation sciences and technologies	\$97,552	\$69,417	\$28,000	\$78,779	\$80,350	\$83,303	\$94,241
Military technologies	\$100,750				\$110,000	\$35,000	\$93,600

## Bottom Five Earning Disciplines

	White	Black	Native American Indian	Asian	Other/Multi- Race	Hispanic	Total
Fine arts	\$48,531	\$41,286	\$45,153	\$46,882	\$39,393	\$39,939	\$47,436
Library science	\$44,970	\$42,179		\$67,263	\$19,086	\$40,071	\$45,753
Education administration and teaching	\$45,636	\$44,539	\$41,241	\$46,133	\$42,494	\$43,721	\$45,423
Family and consumer science	\$45,229	\$39,563	\$41,257	\$50,194	\$42,302	\$38,015	\$44,626
Theology and religion	\$45,358	\$39,164	\$46,127	\$43,187	\$46,009	\$41,203	\$44,548
Total	\$59,639	\$40,471	\$35,856	\$66,711	\$46,502	\$41,933	\$56,753

# Conclusion

- ▶ Two-Sector economy has implications that show up by race and location
  - ▶ More earnings disparity between Low Wage earners between non-rural residents than rural residents
  - ▶ Non-rural resident home ownership rates are similar for Low Wage and High Wage earners
    - ▶ Middling wage earners have higher home ownership rates
  - ▶ Rural resident home ownership is higher for each racial group independent of wage type than for non-rural residents
- ▶ Education
  - ▶ Technology discipline top earners - critical thinking skills
  - ▶ Service, care giving disciplines lower earners - may be view as more “rote” skills

# Recommendations

- ▶ Critical think skills
  - ▶ The “curious” child need to nurture these skills not dampen
    - ▶ It is this child who will identify the need of a community to start a business or develop a product
- ▶ “Rote” skills
  - ▶ These skills are easily “off-shored”
- ▶ Care Giving skills
  - ▶ Aging population society will have a need
- ▶ Teach child how to combine these skills
  - ▶ They create the company “outsources the rote skills”
  - ▶ They create the company that provides the care giving's skills
- ▶ Flip the narratives about communities of color
  - ▶ If 1/3 of black males are expected to be part of the penal system during their lifetime, 2/3 are not, which is the narrative that should be shared