

April 2023

Summary Workforce and Public Assistance Outcomes of Mississippi Public High School, Community College, and Public University Graduates



Prepared by Mississippi State University's NSPARC

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ABOUT MISSISSIPPI'S SLDS

Mississippi's Statewide Longitudinal Data System (SLDS) is one of the most comprehensive systems in the country and includes administrative records from more than 25 education, workforce, and human service agencies in the state. The SLDS allows for the alignment of multiple sources of de-identified administrative data over time to evaluate educational or workforce strategies in terms of real outcomes, such as entrance into employment, wages, and skill gains.

PREPARED BY MISSISSIPPI STATE UNIVERSITY'S NSPARC

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For more information, contact NSPARC at nsparc@nsparc.msstate.edu or 662-325-9242.

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OVERVIEW

This research brief provides summary information on the employment, earnings and public assistance of graduates from public K-12 schools, community colleges, and public universities in Mississippi. Data for public assistance among the general population are also presented.

This information was requested by AccelerateMS, to support reporting associated with House Bill 1388, passed in 2022.

DATA

Data for this study come from Mississippi's SLDS. Data from the following SLDS data stakeholders are included:

- Mississippi Department of Education (MDE)
- Mississippi Institutions of Higher Learning (IHL)
- Mississippi Community Colleges
- Mississippi Department of Human Services (MDHS)

Additionally, this study required public data from the U.S. Census Bureau's American Community Survey.

REQUEST

Accelerate MS has requested the following information for the 2017-2021 time period:

- Average annual earnings of employed Bachelor's Degree graduates from Mississippi public universities within 1 year of graduation.
- Average annual earnings of employed Mississippi public high school graduates within 1 year of graduation.
- Number and percent of Mississippi public high school graduates who received Public Assistance through SNAP / TANF / UI within 1 year of graduation.
- Number and percent of Mississippi public university graduates who received Public Assistance through SNAP / TANF / UI within 1 year of graduation.

- Number and percent of Mississippi community college (all, not just CTE) graduates who received Public Assistance through SNAP / TANF / UI within 1 year of graduation.
- Number and percent of the “general population” in Mississippi who received Public Assistance through SNAP / TANF / UI from July to June of each year (2017-2021).

The following metrics were generated for students graduating from public K-12 schools, community colleges, and public universities for each year of the study window (Academic Years 2017-2021):

1. Number of public K-12, community college, and public university graduates.
2. Number of public K-12, community college, and public university graduates not enrolled in any Mississippi postsecondary education within 1 year of graduation.
3. Among the public K-12, community college, and public university graduates not enrolled in any Mississippi postsecondary education within 1 year of graduation:
 - a. The number and percent of these graduates who are employed within 1 year of graduation.
 - b. The median annualized earnings of these graduates.
 - c. The number and percent who receive SNAP within 1 year of graduation.
 - d. The number and percent who receive TANF within 1 year of graduation.
 - e. The number and percent who receive UI within 1 year of graduation.
 - f. The unduplicated (unique) number and percent who receive either SNAP, TANF, or UI within 1 year of graduation.

Additionally, the following metrics were generated for the Mississippi population, as well as the Mississippi adult population (age 18-64). Receipt of public assistance is measured from July to June for each year of the study window (2017-2021), so as to more closely align with the measurement period of the other metrics in this report:

4. Mississippi population.
5. Number and percent of Mississippians who receive SNAP.
6. Number and percent of Mississippians who receive TANF.
7. Number and percent of Mississippians who receive UI.
8. Unduplicated (unique) number and percent of Mississippians who receive either SNAP, TANF, or UI.

In accordance with SLDS Rules and Regulations, numeric values less than 10 are suppressed along with the accompanying percentages. These suppressed values are replaced with the “<10” symbol, and the accompany percent is replaced with the “--” symbol. Additionally, information calculated using MDE data is suppressed if the percentage is either less than 5% or greater than 95%. Suppressed values are replaced with the “<5.00” and “>95.00” symbols, respectively, and the accompanying numeric values are replaced with the “--” symbol.

RESULTS

TABLE 1: EMPLOYMENT, EARNINGS AND PUBLIC ASSISTANCE RECEIPT FOR PUBLIC HIGH SCHOOL GRADUATES NOT ENROLLING IN MISSISSIPPI POSTSECONDARY EDUCATION

Year of Graduation	Number of Graduates	Number of Graduates Not Enrolled in Postsecondary Education	Employed		Median Annualized Earnings	Receiving SNAP		Receiving TANF		Receiving UI		Receiving Either SNAP, TANF, UI	
			N	%		N	%	N	%	N	%	N**	%**
2017	27,998	9,341	5,776	61.83	\$10,122	2,301	24.63	--	<5.00	--	<5.00	2,320	24.84
2018	28,737	9,961	6,381	64.06	\$10,516	2,331	23.40	--	<5.00	--	<5.00	2,353	23.62
2019*	28,390	10,385	6,520	62.78	\$11,048	2,258	21.74	--	<5.00	1,639	15.78	3,295	31.73
2020*	29,211	12,542	8,404	67.01	\$11,651	2,857	22.78	--	<5.00	1,810	14.43	3,998	31.88
2021	28,192	12,570	8,524	67.81	\$13,818	2,748	21.86	--	<5.00	--	<5.00	2,800	22.28
Average	28,506	10,960	7,121	64.97	\$11,490	2,499	22.80	--	<5.00	719	6.56	2,953	26.95

Source: Mississippi State Longitudinal Data System, 2023

*Note: Graduates in 2019 and 2020 were impacted by the Covid-19 pandemic and the corresponding economic disruption.

**Note: This metric represents the unique individuals who received either SNAP, TANF, or UI; individuals who participated in multiple programs are only counted once.

TABLE 2: EMPLOYMENT, EARNINGS AND PUBLIC ASSISTANCE RECEIPT FOR COMMUNITY COLLEGE GRADUATES NOT ENROLLING IN MISSISSIPPI POSTSECONDARY EDUCATION

Year of Graduation	Number of Graduates	Number of Graduates Not Enrolled in Postsecondary Education	Employed		Median Annualized Earnings	Receiving SNAP		Receiving TANF		Receiving UI		Receiving Either SNAP, TANF, UI	
			N	%		N	%	N	%	N	%	N**	%**
2017	16,404	9,318	7,089	76.08	\$24,978	1,165	12.50	46	0.49	194	2.08	1,291	13.85
2018	16,867	9,659	7,269	75.26	\$25,421	1,121	11.61	36	0.37	138	1.43	1,210	12.53
2019*	16,692	9,523	7,296	76.61	\$26,316	1,024	10.75	21	0.22	1,051	11.04	1,847	19.40
2020*	16,552	9,812	7,387	75.29	\$26,666	1,019	10.39	14	0.14	1,873	19.09	2,472	25.19
2021	16,224	9,487	7,296	76.91	\$28,659	866	9.13	<10	--	613	6.46	1,284	13.53
Average	16,548	9,560	7,267	76.02	\$26,397	1,039	10.87	25	0.26	774	8.09	1,621	16.95

Source: Mississippi State Longitudinal Data System, 2023

*Note: Graduates in 2019 and 2020 were impacted by the Covid-19 pandemic and the corresponding economic disruption.

**Note: This metric represents the unique individuals who received either SNAP, TANF, or UI; individuals who participated in multiple programs are only counted once.

TABLE 3: EMPLOYMENT, EARNINGS AND PUBLIC ASSISTANCE RECEIPT FOR UNIVERSITY BACHELOR DEGREE GRADUATES NOT ENROLLING IN MISSISSIPPI POSTSECONDARY EDUCATION

Year of Graduation	Number of Graduates	Number of Graduates Not Enrolled in Postsecondary Education	Employed		Median Annualized Earnings	Receiving SNAP		Receiving TANF		Receiving UI		Receiving Either SNAP, TANF, UI	
			N	%		N	%	N	%	N	%	N**	%**
2017	12,876	10,560	6,232	59.02	\$27,975	601	5.69	16	0.15	123	1.16	684	6.48
2018	13,383	11,111	6,312	56.81	\$29,914	533	4.80	17	0.15	96	0.86	603	5.43
2019*	14,142	11,842	6,602	55.75	\$30,000	528	4.46	<10	--	616	5.20	1,018	8.60
2020*	14,267	11,547	6,158	53.33	\$31,128	433	3.75	<10	--	1,533	13.28	1,772	15.35
2021	14,556	11,744	6,400	54.50	\$33,672	394	3.35	<10	--	414	3.53	718	6.11
Average	13,845	11,361	6,341	55.81	\$30,286	498	4.38	<10	--	556	4.90	959	8.44

Source: Mississippi State Longitudinal Data System, 2023

*Note: Graduates in 2019 and 2020 were impacted by the Covid-19 pandemic and the corresponding economic disruption.

**Note: This metric represents the unique individuals who received either SNAP, TANF, or UI; individuals who participated in multiple programs are only counted once.

TABLE 4: NUMBER AND PERCENT OF MISSISSIPPI POPULATION RECEIVING PUBLIC ASSISTANCE

Year	Population	Population Receiving SNAP		Population Receiving TANF		Population Receiving UI		Population Receiving Either SNAP, TANF, UI	
		N	%	N	%	N	%	N**	%**
2017	2,986,220	703,509	23.56	30,429	1.02	57,070	1.91	741,559	24.83
2018	2,988,762	668,105	22.35	26,952	0.90	49,195	1.65	701,418	23.47
2019*	2,984,418	625,626	20.96	20,710	0.69	42,027	1.41	654,963	21.95
2020*	2,981,835	614,011	20.59	15,099	0.51	354,540	11.89	877,914	29.44
2021	2,967,023	577,663	19.47	10,697	0.36	351,096	11.83	836,415	28.19
Average	2,981,652	637,783	21.39	20,777	0.70	170,786	5.73	762,454	25.57

Source: Mississippi State Longitudinal Data System, 2023; U.S. Census Bureau, 2023

*Note: Graduates in 2019 and 2020 were impacted by the Covid-19 pandemic and the corresponding economic disruption.

**Note: This metric represents the unique individuals who received either SNAP, TANF, or UI; individuals who participated in multiple programs are only counted once.

TABLE 5: NUMBER AND PERCENT OF MISSISSIPPI ADULT POPULATION (AGE 18-64) RECEIVING PUBLIC ASSISTANCE

Year	Adult Population (Age 18-64)	Adult Population (Age 18-64) Receiving SNAP		Adult Population (Age 18-64) Receiving TANF		Adult Population (Age 18-64) Receiving UI		Adult Population (Age 18-64) Receiving Either SNAP, TANF, UI	
		N	%	N	%	N	%	N**	%**
2017	1,822,892	357,850	19.63	8,230	0.45	54,939	3.01	392,881	21.55
2018	1,818,976	335,547	18.45	7,176	0.39	47,261	2.60	366,054	20.12
2019*	1,809,903	308,631	17.05	5,308	0.29	40,126	2.22	335,355	18.53
2020*	1,800,344	309,725	17.20	3,777	0.21	338,127	18.78	558,006	30.99
2021	1,788,038	289,624	16.20	2,532	0.14	335,974	18.79	533,978	29.86
Average	1,808,031	320,275	17.71	5,405	0.30	163,285	9.03	437,255	24.18

Source: Mississippi State Longitudinal Data System, 2023; U.S. Census Bureau, 2023

*Note: Graduates in 2019 and 2020 were impacted by the Covid-19 pandemic and the corresponding economic disruption.

**Note: This metric represents the unique individuals who received either SNAP, TANF, or UI; individuals who participated in multiple programs are only counted once.



SLDS

**Statewide Longitudinal
Data System**

Prepared by Mississippi State University's NSPARC



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