

South Carolina Private-Sector Employment Worker Age – Firm Age Analysis



Introduction

From 1999 to 2017, South Carolina has endured two economic recessions and subsequent recoveries. This presentation seeks to examine two aspects of private-sector employment (worker-age and firm-age) over the period to understand better the economic swings' impacts on the state.

This analysis uses the measure of beginning-of-quarter employment from the U.S. Census Bureau's Longitudinal Household-Employer Dynamics (LEHD) Quarterly Workforce Indicators (QWI) program.

Beginning-of-quarter employment (Emp) is defined as the estimate of the total number of jobs on the first day of the reference quarter. Beginning-of-quarter employment counts are similar to point-in-time employment measures such as the Quarterly Census of Employment and Wages (QCEW). Employment is classified by eight worker-age categories and five firm-age categories. Those are:

- Worker-age categories: 14-18 years, 19-21 years, 22-24 years, 25-34 years, 35-44 years, 45-54 years, 55-64 years, 65-99 years
- Firm-age categories: 0-1 years, 2-3 years, 4-5 years, 6-10 years, 11+ years

The presentation displays statewide numeric and percent employment classifications by each category for the second quarters of the selected years 1999, 2000, 2001, 2003, 2005, 2007, 2008, 2009, 2010, 2012, 2016 and 2017.

The following slides present the key findings of the analysis, the employment by category for each of the highlighted years, additional information about the data source utilized and required language of the analysis' funding grant.

Key Findings

- This analysis indicates that the workforce became older as a whole with a higher share of jobs moving to more established firms from 1999 to 2017. Over the same time frame, there were fewer jobs held by younger workers employed in newer firms. This appears to be a more or less continuous trend as the detailed data indicate. A less-dynamic economy has been the subject of [other research for the nation](#) as well.
- The number of jobs overall increased by 197,000 from 1999 to 2017 with the number of jobs in firms under six-years-old falling by more than 78,000, and the number of jobs in firms of six years and older rising by 275,000.
- The percentage of employment in private companies in firms aged 11 years and older rose from 73.4 percent in 1999 to 80.6 percent in 2017.
- The number of jobs and percentage of jobs for new firms declined from 99,800 (6.7 percent) in 1999 to 54,000 (3.2 percent) in 2017.
- Of the 197,000 increase in jobs overall from 1999 to 2017, 186,000 of the increase were with jobs held by workers aged 55 and older. The number of jobs held by workers under the age of 45 fell by 49,000.
- The number of jobs held by youth workers aged 14-18 fell by over 18,000 from 1999 to 2017 as did the share of the workforce by 1.6 percent.
- The number of jobs held by the key working-age population of 24-54 rose by 28,000 over the period, but its share of the workforce fell by 6.7 percent.

Private-Sector Worker Age / Firm Age Analysis

Employment by Worker Age and Firm Age

Date 2017Q2

Firm Age

Emp

Worker Age	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years	All Firm Ages	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years
14-18	2,665	3,383	1,981	4,504	31,719	44,251	6.0%	7.6%	4.5%	10.2%	71.7%
19-21	3,738	4,872	3,547	7,885	64,524	84,568	4.4%	5.8%	4.2%	9.3%	76.3%
22-24	4,444	5,485	4,428	10,293	82,319	106,969	4.2%	5.1%	4.1%	9.6%	77.0%
25-34	14,017	16,890	14,158	36,358	297,763	379,186	3.7%	4.5%	3.7%	9.6%	78.5%
35-44	11,177	14,036	11,626	31,457	283,069	351,365	3.2%	4.0%	3.3%	9.0%	80.6%
45-54	9,370	11,327	9,901	29,133	291,238	350,968	2.7%	3.2%	2.8%	8.3%	83.0%
55-64	6,344	7,617	6,754	21,555	224,695	266,966	2.4%	2.9%	2.5%	8.1%	84.2%
65-99	2,287	3,138	2,752	8,081	78,355	94,612	2.4%	3.3%	2.9%	8.5%	82.8%
All Ages (14-99)	54,042	66,747	55,147	149,265	1,353,683	1,678,885	3.2%	4.0%	3.3%	8.9%	80.6%
14-18	4.9%	5.1%	3.6%	3.0%	2.3%	2.6%					
19-21	6.9%	7.3%	6.4%	5.3%	4.8%	5.0%					
22-24	8.2%	8.2%	8.0%	6.9%	6.1%	6.4%					
25-34	25.9%	25.3%	25.7%	24.4%	22.0%	22.6%					
35-44	20.7%	21.0%	21.1%	21.1%	20.9%	20.9%					
45-54	17.3%	17.0%	18.0%	19.5%	21.5%	20.9%					
55-64	11.7%	11.4%	12.2%	14.4%	16.6%	15.9%					
65-99	4.2%	4.7%	5.0%	5.4%	5.8%	5.6%					

Worker Age

Private-Sector Worker Age / Firm Age Analysis

Employment by Worker Age and Firm Age

Date 2016Q2

Firm Age

Emp

Worker Age	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years	All Firm Ages	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years
14-18	2,911	2,623	2,013	4,205	29,679	41,431	7.0%	6.3%	4.9%	10.1%	71.6%
19-21	4,059	4,344	3,510	7,867	63,825	83,605	4.9%	5.2%	4.2%	9.4%	76.3%
22-24	4,800	5,295	4,742	10,057	83,908	108,802	4.4%	4.9%	4.4%	9.2%	77.1%
25-34	14,121	15,619	15,243	34,401	293,732	373,116	3.8%	4.2%	4.1%	9.2%	78.7%
35-44	11,016	12,298	12,417	29,466	279,395	344,593	3.2%	3.6%	3.6%	8.6%	81.1%
45-54	9,091	10,368	11,111	27,930	289,852	348,352	2.6%	3.0%	3.2%	8.0%	83.2%
55-64	5,814	6,528	7,422	20,029	218,283	258,076	2.3%	2.5%	2.9%	7.8%	84.6%
65-99	2,345	2,539	2,827	7,384	73,434	88,529	2.6%	2.9%	3.2%	8.3%	82.9%
All Ages (14-99)	54,157	59,614	59,286	141,340	1,332,108	1,646,505	3.3%	3.6%	3.6%	8.6%	80.9%
14-18	5.4%	4.4%	3.4%	3.0%	2.2%	2.5%					
19-21	7.5%	7.3%	5.9%	5.6%	4.8%	5.1%					
22-24	8.9%	8.9%	8.0%	7.1%	6.3%	6.6%					
25-34	26.1%	26.2%	25.7%	24.3%	22.1%	22.7%					
35-44	20.3%	20.6%	20.9%	20.8%	21.0%	20.9%					
45-54	16.8%	17.4%	18.7%	19.8%	21.8%	21.2%					
55-64	10.7%	11.0%	12.5%	14.2%	16.4%	15.7%					
65-99	4.3%	4.3%	4.8%	5.2%	5.5%	5.4%					

Worker Age

Private-Sector Worker Age / Firm Age Analysis

Employment by Worker Age and Firm Age

Date 2012Q2

Firm Age

Emp

Worker Age	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years	All Firm Ages	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years
14-18	2,044	1,807	1,379	3,888	20,768	29,885	6.8%	6.0%	4.6%	13.0%	69.5%
19-21	4,041	4,034	3,367	7,949	58,034	77,426	5.2%	5.2%	4.3%	10.3%	75.0%
22-24	4,655	5,103	4,249	10,347	74,023	98,378	4.7%	5.2%	4.3%	10.5%	75.2%
25-34	12,705	14,561	13,069	33,322	254,595	328,251	3.9%	4.4%	4.0%	10.2%	77.6%
35-44	10,415	12,079	11,571	30,078	258,080	322,222	3.2%	3.7%	3.6%	9.3%	80.1%
45-54	9,058	11,981	10,162	27,270	272,140	330,611	2.7%	3.6%	3.1%	8.2%	82.3%
55-64	5,416	7,497	6,144	17,020	185,042	221,119	2.4%	3.4%	2.8%	7.7%	83.7%
65-99	1,999	2,326	2,313	6,407	56,205	69,250	2.9%	3.4%	3.3%	9.3%	81.2%
All Ages (14-99)	50,333	59,388	52,254	136,280	1,178,886	1,477,142	3.4%	4.0%	3.5%	9.2%	79.8%
14-18	4.1%	3.0%	2.6%	2.9%	1.8%	2.0%					
19-21	8.0%	6.8%	6.4%	5.8%	4.9%	5.2%					
22-24	9.2%	8.6%	8.1%	7.6%	6.3%	6.7%					
25-34	25.2%	24.5%	25.0%	24.5%	21.6%	22.2%					
35-44	20.7%	20.3%	22.1%	22.1%	21.9%	21.8%					
45-54	18.0%	20.2%	19.4%	20.0%	23.1%	22.4%					
55-64	10.8%	12.6%	11.8%	12.5%	15.7%	15.0%					
65-99	4.0%	3.9%	4.4%	4.7%	4.8%	4.7%					

Worker Age

Private-Sector Worker Age / Firm Age Analysis

Employment by Worker Age and Firm Age

Date 2010Q2

Firm Age

Emp

Worker Age	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years	All Firm Ages	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years
14-18	2,125	1,867	2,058	3,799	21,254	31,103	6.8%	6.0%	6.6%	12.2%	68.3%
19-21	4,154	3,908	4,121	8,131	56,477	76,791	5.4%	5.1%	5.4%	10.6%	73.5%
22-24	4,569	4,458	4,588	9,680	66,794	90,089	5.1%	4.9%	5.1%	10.7%	74.1%
25-34	13,781	13,340	14,457	32,779	239,752	314,109	4.4%	4.2%	4.6%	10.4%	76.3%
35-44	11,804	11,725	13,347	29,825	251,669	318,370	3.7%	3.7%	4.2%	9.4%	79.0%
45-54	12,339	10,229	11,514	27,002	262,860	323,943	3.8%	3.2%	3.6%	8.3%	81.1%
55-64	7,359	5,902	6,673	16,291	169,001	205,225	3.6%	2.9%	3.3%	7.9%	82.3%
65-99	2,017	2,206	2,559	6,027	49,109	61,918	3.3%	3.6%	4.1%	9.7%	79.3%
All Ages (14-99)	58,147	53,635	59,317	133,534	1,116,916	1,421,549	4.1%	3.8%	4.2%	9.4%	78.6%
14-18	3.7%	3.5%	3.5%	2.8%	1.9%	2.2%					
19-21	7.1%	7.3%	6.9%	6.1%	5.1%	5.4%					
22-24	7.9%	8.3%	7.7%	7.2%	6.0%	6.3%					
25-34	23.7%	24.9%	24.4%	24.5%	21.5%	22.1%					
35-44	20.3%	21.9%	22.5%	22.3%	22.5%	22.4%					
45-54	21.2%	19.1%	19.4%	20.2%	23.5%	22.8%					
55-64	12.7%	11.0%	11.2%	12.2%	15.1%	14.4%					
65-99	3.5%	4.1%	4.3%	4.5%	4.4%	4.4%					

Worker Age

Private-Sector Worker Age / Firm Age Analysis

Employment by Worker Age and Firm Age

Date 2009Q2

Firm Age

Emp

Worker Age	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years	All Firm Ages	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years
14-18	2,759	2,800	2,850	5,028	26,129	39,565	7.0%	7.1%	7.2%	12.7%	66.0%
19-21	4,194	4,474	4,798	8,630	56,041	78,137	5.4%	5.7%	6.1%	11.0%	71.7%
22-24	4,627	4,947	5,300	10,139	65,850	90,862	5.1%	5.4%	5.8%	11.2%	72.5%
25-34	13,434	14,974	17,116	34,411	235,141	315,077	4.3%	4.8%	5.4%	10.9%	74.6%
35-44	12,128	13,378	15,108	32,625	252,400	325,639	3.7%	4.1%	4.6%	10.0%	77.5%
45-54	12,912	11,318	13,029	28,960	259,387	325,606	4.0%	3.5%	4.0%	8.9%	79.7%
55-64	7,327	6,605	7,471	17,214	162,885	201,501	3.6%	3.3%	3.7%	8.5%	80.8%
65-99	2,162	2,477	2,625	6,530	47,709	61,503	3.5%	4.0%	4.3%	10.6%	77.6%
All Ages (14-99)	59,544	60,973	68,297	143,536	1,105,541	1,437,891	4.1%	4.2%	4.7%	10.0%	76.9%
14-18	4.6%	4.6%	4.2%	3.5%	2.4%	2.8%					
19-21	7.0%	7.3%	7.0%	6.0%	5.1%	5.4%					
22-24	7.8%	8.1%	7.8%	7.1%	6.0%	6.3%					
25-34	22.6%	24.6%	25.1%	24.0%	21.3%	21.9%					
35-44	20.4%	21.9%	22.1%	22.7%	22.8%	22.6%					
45-54	21.7%	18.6%	19.1%	20.2%	23.5%	22.6%					
55-64	12.3%	10.8%	10.9%	12.0%	14.7%	14.0%					
65-99	3.6%	4.1%	3.8%	4.5%	4.3%	4.3%					

Worker Age

Private-Sector Worker Age / Firm Age Analysis

Employment by Worker Age and Firm Age

Date 2008Q2

Firm Age

Emp

Worker Age	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years	All Firm Ages	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years
14-18	3,535	4,283	3,425	6,877	34,501	52,621	6.7%	8.1%	6.5%	13.1%	65.6%
19-21	4,803	5,721	5,020	10,304	63,063	88,911	5.4%	6.4%	5.6%	11.6%	70.9%
22-24	5,186	6,220	5,632	11,677	72,640	101,354	5.1%	6.1%	5.6%	11.5%	71.7%
25-34	14,959	18,842	17,284	39,413	250,865	341,364	4.4%	5.5%	5.1%	11.5%	73.5%
35-44	13,145	17,148	15,772	38,464	272,535	357,064	3.7%	4.8%	4.4%	10.8%	76.3%
45-54	10,747	14,453	13,299	34,203	273,340	346,041	3.1%	4.2%	3.8%	9.9%	79.0%
55-64	6,036	8,184	7,520	19,758	166,565	208,063	2.9%	3.9%	3.6%	9.5%	80.1%
65-99	2,139	3,017	2,853	7,548	47,973	63,530	3.4%	4.7%	4.5%	11.9%	75.5%
All Ages (14-99)	60,551	77,867	70,806	168,243	1,181,482	1,558,949	3.9%	5.0%	4.5%	10.8%	75.8%
14-18	5.8%	5.5%	4.8%	4.1%	2.9%	3.4%					
19-21	7.9%	7.3%	7.1%	6.1%	5.3%	5.7%					
22-24	8.6%	8.0%	8.0%	6.9%	6.1%	6.5%					
25-34	24.7%	24.2%	24.4%	23.4%	21.2%	21.9%					
35-44	21.7%	22.0%	22.3%	22.9%	23.1%	22.9%					
45-54	17.7%	18.6%	18.8%	20.3%	23.1%	22.2%					
55-64	10.0%	10.5%	10.6%	11.7%	14.1%	13.3%					
65-99	3.5%	3.9%	4.0%	4.5%	4.1%	4.1%					

Worker Age

Private-Sector Worker Age / Firm Age Analysis

Employment by Worker Age and Firm Age

Date 2007Q2

Firm Age

Emp

Worker Age	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years	All Firm Ages	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years
14-18	4,204	5,003	3,059	6,981	36,997	56,245	7.5%	8.9%	5.4%	12.4%	65.8%
19-21	5,302	6,683	4,661	10,110	64,021	90,776	5.8%	7.4%	5.1%	11.1%	70.5%
22-24	5,934	7,089	5,406	11,605	74,178	104,213	5.7%	6.8%	5.2%	11.1%	71.2%
25-34	16,906	20,466	16,872	37,969	251,114	343,325	4.9%	6.0%	4.9%	11.1%	73.1%
35-44	15,681	18,450	16,339	38,241	275,750	364,460	4.3%	5.1%	4.5%	10.5%	75.7%
45-54	12,635	15,128	13,823	32,820	269,490	343,897	3.7%	4.4%	4.0%	9.5%	78.4%
55-64	6,880	8,236	7,890	18,830	160,234	202,070	3.4%	4.1%	3.9%	9.3%	79.3%
65-99	2,389	2,890	2,803	7,114	44,996	60,191	4.0%	4.8%	4.7%	11.8%	74.8%
All Ages (14-99)	69,931	83,943	70,853	163,669	1,176,779	1,565,176	4.5%	5.4%	4.5%	10.5%	75.2%
14-18	6.0%	6.0%	4.3%	4.3%	3.1%	3.6%					
19-21	7.6%	8.0%	6.6%	6.2%	5.4%	5.8%					
22-24	8.5%	8.4%	7.6%	7.1%	6.3%	6.7%					
25-34	24.2%	24.4%	23.8%	23.2%	21.3%	21.9%					
35-44	22.4%	22.0%	23.1%	23.4%	23.4%	23.3%					
45-54	18.1%	18.0%	19.5%	20.1%	22.9%	22.0%					
55-64	9.8%	9.8%	11.1%	11.5%	13.6%	12.9%					
65-99	3.4%	3.4%	4.0%	4.3%	3.8%	3.8%					

Worker Age

Private-Sector Worker Age / Firm Age Analysis

Employment by Worker Age and Firm Age

Date 2005Q2

Firm Age

Emp

Worker Age	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years	All Firm Ages	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years
14-18	5,593	3,611	3,282	6,431	32,837	51,755	10.8%	7.0%	6.3%	12.4%	63.4%
19-21	6,671	5,725	4,589	10,521	60,934	88,440	7.5%	6.5%	5.2%	11.9%	68.9%
22-24	6,969	6,358	5,230	12,149	72,170	102,877	6.8%	6.2%	5.1%	11.8%	70.2%
25-34	18,508	19,194	16,603	38,063	243,091	335,459	5.5%	5.7%	4.9%	11.3%	72.5%
35-44	16,572	18,142	16,032	38,913	271,336	360,994	4.6%	5.0%	4.4%	10.8%	75.2%
45-54	13,133	14,439	12,527	31,586	255,096	326,782	4.0%	4.4%	3.8%	9.7%	78.1%
55-64	6,825	7,424	6,606	17,577	142,759	181,190	3.8%	4.1%	3.6%	9.7%	78.8%
65-99	2,275	2,577	2,332	6,348	39,066	52,598	4.3%	4.9%	4.4%	12.1%	74.3%
All Ages (14-99)	76,546	77,469	67,201	161,588	1,117,289	1,500,094	5.1%	5.2%	4.5%	10.8%	74.5%
14-18	7.3%	4.7%	4.9%	4.0%	2.9%	3.5%					
19-21	8.7%	7.4%	6.8%	6.5%	5.5%	5.9%					
22-24	9.1%	8.2%	7.8%	7.5%	6.5%	6.9%					
25-34	24.2%	24.8%	24.7%	23.6%	21.8%	22.4%					
35-44	21.6%	23.4%	23.9%	24.1%	24.3%	24.1%					
45-54	17.2%	18.6%	18.6%	19.5%	22.8%	21.8%					
55-64	8.9%	9.6%	9.8%	10.9%	12.8%	12.1%					
65-99	3.0%	3.3%	3.5%	3.9%	3.5%	3.5%					

Worker Age

Private-Sector Worker Age / Firm Age Analysis

Employment by Worker Age and Firm Age

Date 2003Q2

Firm Age

Emp

Worker Age	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years	All Firm Ages	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years
14-18	4,026	4,150	3,539	6,166	32,350	50,232	8.0%	8.3%	7.0%	12.3%	64.4%
19-21	5,565	5,457	5,916	9,491	59,217	85,646	6.5%	6.4%	6.9%	11.1%	69.1%
22-24	6,201	6,231	6,959	10,860	68,598	98,849	6.3%	6.3%	7.0%	11.0%	69.4%
25-34	18,788	19,109	21,814	33,576	241,279	334,566	5.6%	5.7%	6.5%	10.0%	72.1%
35-44	18,017	18,675	21,116	34,213	272,554	364,575	4.9%	5.1%	5.8%	9.4%	74.8%
45-54	13,805	13,943	15,699	26,340	241,732	311,519	4.4%	4.5%	5.0%	8.5%	77.6%
55-64	6,863	6,891	8,360	13,686	126,672	162,473	4.2%	4.2%	5.1%	8.4%	78.0%
65-99	2,195	2,468	3,020	4,886	34,492	47,061	4.7%	5.2%	6.4%	10.4%	73.3%
All Ages (14-99)	75,460	76,924	86,424	139,219	1,076,893	1,454,919	5.2%	5.3%	5.9%	9.6%	74.0%
14-18	5.3%	5.4%	4.1%	4.4%	3.0%	3.5%					
19-21	7.4%	7.1%	6.8%	6.8%	5.5%	5.9%					
22-24	8.2%	8.1%	8.1%	7.8%	6.4%	6.8%					
25-34	24.9%	24.8%	25.2%	24.1%	22.4%	23.0%					
35-44	23.9%	24.3%	24.4%	24.6%	25.3%	25.1%					
45-54	18.3%	18.1%	18.2%	18.9%	22.4%	21.4%					
55-64	9.1%	9.0%	9.7%	9.8%	11.8%	11.2%					
65-99	2.9%	3.2%	3.5%	3.5%	3.2%	3.2%					

Worker Age

Private-Sector Worker Age / Firm Age Analysis

Employment by Worker Age and Firm Age

Date 2001Q2

Firm Age

Emp

Worker Age	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years	All Firm Ages	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years
14-18	5,033	5,072	4,295	7,284	39,160	60,844	8.3%	8.3%	7.1%	12.0%	64.4%
19-21	5,811	7,800	5,540	9,703	62,142	90,996	6.4%	8.6%	6.1%	10.7%	68.3%
22-24	6,103	8,049	5,682	10,324	68,909	99,067	6.2%	8.1%	5.7%	10.4%	69.6%
25-34	18,704	26,125	18,257	33,583	254,830	351,499	5.3%	7.4%	5.2%	9.6%	72.5%
35-44	18,144	24,834	18,715	34,615	289,060	385,368	4.7%	6.4%	4.9%	9.0%	75.0%
45-54	12,240	17,321	13,017	25,530	241,864	309,971	3.9%	5.6%	4.2%	8.2%	78.0%
55-64	5,362	8,139	5,968	12,102	114,374	145,945	3.7%	5.6%	4.1%	8.3%	78.4%
65-99	1,948	2,939	2,191	4,641	32,927	44,646	4.4%	6.6%	4.9%	10.4%	73.8%
All Ages (14-99)	73,345	100,278	73,665	137,782	1,103,266	1,488,336	4.9%	6.7%	4.9%	9.3%	74.1%
14-18	6.9%	5.1%	5.8%	5.3%	3.5%	4.1%					
19-21	7.9%	7.8%	7.5%	7.0%	5.6%	6.1%					
22-24	8.3%	8.0%	7.7%	7.5%	6.2%	6.7%					
25-34	25.5%	26.1%	24.8%	24.4%	23.1%	23.6%					
35-44	24.7%	24.8%	25.4%	25.1%	26.2%	25.9%					
45-54	16.7%	17.3%	17.7%	18.5%	21.9%	20.8%					
55-64	7.3%	8.1%	8.1%	8.8%	10.4%	9.8%					
65-99	2.7%	2.9%	3.0%	3.4%	3.0%	3.0%					

Worker Age

Private-Sector Worker Age / Firm Age Analysis

Employment by Worker Age and Firm Age

Date 2000Q2

Firm Age

Emp

Worker Age	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years	All Firm Ages	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years
14-18	5,440	5,154	4,626	6,809	42,795	64,825	8.4%	8.0%	7.1%	10.5%	66.0%
19-21	7,088	7,550	5,649	9,412	64,350	94,049	7.5%	8.0%	6.0%	10.0%	68.4%
22-24	7,199	7,786	5,533	10,505	69,625	100,647	7.2%	7.7%	5.5%	10.4%	69.2%
25-34	23,819	25,962	18,679	35,878	263,466	367,803	6.5%	7.1%	5.1%	9.8%	71.6%
35-44	22,093	25,334	18,329	36,987	293,311	396,054	5.6%	6.4%	4.6%	9.3%	74.1%
45-54	14,512	16,918	12,668	25,986	234,698	304,783	4.8%	5.6%	4.2%	8.5%	77.0%
55-64	6,475	7,813	5,817	12,138	111,404	143,646	4.5%	5.4%	4.0%	8.4%	77.6%
65-99	2,281	3,014	2,183	4,667	30,728	42,873	5.3%	7.0%	5.1%	10.9%	71.7%
All Ages (14-99)	88,907	99,531	73,484	142,380	1,110,377	1,514,679	5.9%	6.6%	4.9%	9.4%	73.3%
14-18	6.1%	5.2%	6.3%	4.8%	3.9%	4.3%					
19-21	8.0%	7.6%	7.7%	6.6%	5.8%	6.2%					
22-24	8.1%	7.8%	7.5%	7.4%	6.3%	6.6%					
25-34	26.8%	26.1%	25.4%	25.2%	23.7%	24.3%					
35-44	24.8%	25.5%	24.9%	26.0%	26.4%	26.1%					
45-54	16.3%	17.0%	17.2%	18.3%	21.1%	20.1%					
55-64	7.3%	7.8%	7.9%	8.5%	10.0%	9.5%					
65-99	2.6%	3.0%	3.0%	3.3%	2.8%	2.8%					

Worker Age

Private-Sector Worker Age / Firm Age Analysis

Employment by Worker Age and Firm Age

Date 1999Q2

Firm Age

Emp

Worker Age	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years	All Firm Ages	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years
14-18	5,260	4,601	3,652	7,264	41,849	62,625	8.4%	7.3%	5.8%	11.6%	66.8%
19-21	7,832	6,836	5,196	9,419	61,727	91,010	8.6%	7.5%	5.7%	10.3%	67.8%
22-24	8,265	6,940	5,473	10,206	68,370	99,253	8.3%	7.0%	5.5%	10.3%	68.9%
25-34	27,398	23,232	18,158	36,304	266,848	371,939	7.4%	6.2%	4.9%	9.8%	71.7%
35-44	24,825	21,586	17,233	36,243	290,288	390,175	6.4%	5.5%	4.4%	9.3%	74.4%
45-54	16,465	13,867	11,483	24,423	225,233	291,470	5.6%	4.8%	3.9%	8.4%	77.3%
55-64	7,270	6,483	5,324	11,569	105,422	136,068	5.3%	4.8%	3.9%	8.5%	77.5%
65-99	2,522	2,305	2,066	4,366	28,040	39,300	6.4%	5.9%	5.3%	11.1%	71.3%
All Ages (14-99)	99,836	85,848	68,586	139,793	1,087,776	1,481,840	6.7%	5.8%	4.6%	9.4%	73.4%
14-18	5.3%	5.4%	5.3%	5.2%	3.8%	4.2%					
19-21	7.8%	8.0%	7.6%	6.7%	5.7%	6.1%					
22-24	8.3%	8.1%	8.0%	7.3%	6.3%	6.7%					
25-34	27.4%	27.1%	26.5%	26.0%	24.5%	25.1%					
35-44	24.9%	25.1%	25.1%	25.9%	26.7%	26.3%					
45-54	16.5%	16.2%	16.7%	17.5%	20.7%	19.7%					
55-64	7.3%	7.6%	7.8%	8.3%	9.7%	9.2%					
65-99	2.5%	2.7%	3.0%	3.1%	2.6%	2.7%					

Worker Age

Private-Sector Worker Age / Firm Age Analysis

Employment by Worker Age and Firm Age

Date 2017-1999

Firm Age

Emp

Worker Age	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years	All Firm Ages	0-1 Years	2-3 Years	4-5 Years	6-10 Years	11+ Years
14-18	-2,595	-1,218	-1,671	-2,760	-10,130	-18,374	-2.4%	0.3%	-1.4%	-1.4%	4.9%
19-21	-4,094	-1,964	-1,649	-1,534	2,797	-6,442	-4.2%	-1.8%	-1.5%	-1.0%	8.5%
22-24	-3,821	-1,455	-1,045	87	13,949	7,716	-4.2%	-1.9%	-1.4%	-0.7%	8.1%
25-34	-13,381	-6,342	-4,000	54	30,915	7,247	-3.7%	-1.8%	-1.1%	-0.2%	6.8%
35-44	-13,648	-7,550	-5,607	-4,786	-7,219	-38,810	-3.2%	-1.5%	-1.1%	-0.3%	6.2%
45-54	-7,095	-2,540	-1,582	4,710	66,005	59,498	-3.0%	-1.5%	-1.1%	-0.1%	5.7%
55-64	-926	1,134	1,430	9,986	119,273	130,898	-3.0%	-1.9%	-1.4%	-0.4%	6.7%
65-99	-235	833	686	3,715	50,315	55,312	-4.0%	-2.5%	-2.3%	-2.6%	11.5%
All Ages (14-99)	-45,794	-19,101	-13,439	9,472	265,907	197,045	-3.5%	-1.8%	-1.3%	-0.5%	7.2%
14-18	-0.3%	-0.3%	-1.7%	-2.2%	-1.5%	-1.6%					
19-21	-0.9%	-0.7%	-1.1%	-1.5%	-0.9%	-1.1%					
22-24	-0.1%	0.1%	0.0%	-0.4%	-0.2%	-0.3%					
25-34	-1.5%	-1.8%	-0.8%	-1.6%	-2.5%	-2.5%					
35-44	-4.2%	-4.1%	-4.0%	-4.9%	-5.8%	-5.4%					
45-54	0.8%	0.8%	1.2%	2.0%	0.8%	1.2%					
55-64	4.5%	3.9%	4.5%	6.2%	6.9%	6.7%					
65-99	1.7%	2.0%	2.0%	2.3%	3.2%	3.0%					

Worker Age

About the Data

The Longitudinal Employer-Household Dynamics (LEHD) program is part of the Center for Economic Studies at the U.S. Census Bureau. The LEHD program produces new, cost effective, public-use information combining federal, state and Census Bureau data on employers and employees under the Local Employment Dynamics (LED) Partnership. State and local authorities increasingly need detailed local information about their economies to make informed decisions. The LED Partnership works to fill critical data gaps and provide indicators needed by state and local authorities.

Under the LED Partnership, states agree to share Unemployment Insurance earnings data and the Quarterly Census of Employment and Wages (QCEW) data with the Census Bureau. The LEHD program combines these administrative data, additional administrative data and data from censuses and surveys. From these data, the program creates statistics on employment, earnings, and job flows at detailed levels of geography and industry and for different demographic groups.¹

The Quarterly Workforce Indicators (QWI) that are used in this presentation provide local labor market statistics by industry, worker demographics, employer age and size. Unlike statistics tabulated from firm or person-level data, the QWI source data are unique job-level data that link workers to their employers. The job frame is comparable to that for the QCEW, though employment counts may vary due to a variety of reasons related to definitions, data sources, methodology, and other factors.²

¹ U.S. Census Bureau, Longitudinal Employer-Household Dynamics (LEHD) program, <https://lehd.ces.census.gov/>.

² For more information on data definitions, see https://lehd.ces.census.gov/doc/QWI_101.pdf.

Required Language:

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S.C. Department of Employment and Workforce Business Intelligence Department

