
**Skills Development and Self-Sufficiency Fund Customized Training Program
2002-2003 Exit Cohorts
5-Year Longitudinal Study**

Methodology

The Labor Market and Career Information (LMCI) department used 12,832 archived seed records, comprised of 11,433 archived seed records from the 2002-2003 SDF exit cohort and 1,399 archived seed records from the 2002-2003 SSF exit cohorts. For this report, post-exit labor market outcomes were compared from the two study periods.

The usable seed records were linked to TWC Unemployment Insurance (UI) wage records in the 4th quarter of 2003 (4Q2003) to determine initial employment and earnings (baseline measure). The five-year snapshot linked the seed records to wage records to the 4th quarter of 2007 (4Q2007). In the case where participants who were found working had earnings greater than or equal to \$25,000 in any target quarter were identified, these records were excluded from analysis based on the likelihood of inaccurate wage record data and to reduce the possibility of inappropriately skewing the data. Supplemental linkages were conducted with the Texas Department of Criminal Justice (TDCJ) and Texas Bureau of Vital Statistics (TBVS) to determine incarcerations and deaths, as well as the United States Office of Personnel Management (OPM), the United States Postal Service (USPS), and the Department of Defense (DoD). Cohort members who were found incarcerated or deceased during the study years were excluded from analysis. After all exclusions, there were 12,405 seed records retained for analysis in this report.

In both study periods, earnings were summed across unique Social Security Numbers (SSN). The industry sector by 4-digit North American Industry Classification System (NAICS) of the employer that paid the most wages during the target quarter was retained for analysis.

Results

Skills Development Fund

SDF participants who attended training at Brazosport College had the highest employment in 4Q2003 at 97.1 percent (Table 1). Exiters from Brazosport College also had the highest median quarterly earnings in 4Q2003 at \$18,916. Overall employment for the cohort in 4Q2003 was 78.1 percent with median quarterly earnings of \$7,056.

Table 1. SDF Employment and Earnings in 4Q2003 by Training Provider

Training Provider	N	Working in 4Q2003		
		n	% Working	Median Qtr. Earnings
Lamar State College	10	5	50.0	\$7,595
Brazosport College	35	34	97.1	\$18,916
College of Midland	72	51	70.8	\$11,490
Texas Engineering Extension Service	80	72	90.0	\$8,703
Northeast Texas Community College	81	69	85.2	\$7,070
Lee College	84	80	95.2	\$17,614
Texarkana College	103	69	67.0	\$9,106
McLennan Community College	107	60	56.1	\$7,283
Hill College	111	98	88.3	\$9,149
Angelina College	149	119	79.9	\$11,427
Vernon College	164	142	86.6	\$8,151
Paris Junior College	209	194	92.8	\$10,095
Western Texas College	238	201	84.5	\$7,899
El Paso Community College	330	285	86.4	\$5,927
Texas Southmost College	513	438	85.4	\$8,175
Texas State Technical College-West	579	480	82.9	\$7,929
Alamo Community College	603	330	54.7	\$5,314
Howard College	769	682	88.7	\$8,296
Dallas County Comm. Colleges	864	709	82.1	\$10,175
Midland College	1,067	817	76.6	\$5,242
Collin County Community College	1,227	948	77.3	\$9,899
Lamar Institute of Technology	1,480	975	65.9	\$3,027
South Texas Community College	2,152	1,749	81.3	\$6,327
Total	11,027	8,607	78.1	\$7,056

Table 2 shows employment and earnings in the 4th quarter of 2007 by training provider for the SDF cohort. Lee College topped the list with 91.7 percent employment. Brazosport College showed employment of 91.4 percent. Lee College exiters also had the highest median quarterly earnings at the five year snapshot, \$22,293. Overall employment for the SDF cohort five years after exit was 72.2 percent with median quarterly earnings of \$8,906.

Table 2. SDF Employment and Earnings in 4Q2007 by Training Provider

Training Provider	N	Working in 4Q2007		
		n	% Working	Median Earnings
Lamar State College	10	9	90.0	\$11,319
Brazosport College	35	32	91.4	\$19,498
College of Midland	72	50	69.4	\$15,686
Texas Engineering Extension Service	80	58	72.5	\$12,678
Northeast Texas Community College	81	57	70.4	\$9,976
Lee College	84	77	91.7	\$22,293
Texarkana College	103	56	54.4	\$9,125
McLennan Community College	107	56	52.3	\$10,476
Hill College	111	73	65.8	\$11,505
Angelina College	149	111	74.5	\$14,095
Vernon College	164	129	78.7	\$9,748
Paris Junior College	209	170	81.3	\$9,351
Western Texas College	238	183	76.9	\$9,854
El Paso Community College	330	223	67.6	\$6,738
Texas Southmost College	513	388	75.6	\$10,056
Texas State Technical College-West	579	435	75.1	\$10,299
Alamo Community College	603	324	53.7	\$6,777
Howard College	769	619	80.5	\$10,884
Dallas County Comm. Colleges	864	593	68.6	\$13,250
Midland College	1,067	739	69.3	\$6,358
Collin County Community College	1,227	916	74.7	\$10,957
Lamar Institute of Technology	1,480	1,005	67.9	\$5,071
South Texas Community College	2,152	1,663	77.3	\$8,233
Total	11,027	7,966	72.2	\$8,906

Business Support Services was the industry (by 4-digit NAICS code) employing the most SDF exit cohort members at 4Q2003, followed by Wireless Telecommunications Carriers (except Satellite) (Table 3). Participants employed in Navigational, Measuring, Electromedical, and Control Instruments Manufacturing had the highest median quarterly earnings in 4Q2003 with \$11,109. Motor Vehicle Parts Manufacturing employees were next with median quarterly earnings of \$9,922.

Table 3. Top 10 Industries of Employment for SDF at 4Q2003

Industry	n	Median Earnings	NAICS Code
Business Support Services	1,003	\$8,321	5614
Wireless Telecommunications Carriers (except Satellite)	465	\$5,915	5172
General Medical and Surgical Hospitals	371	\$8,056	6221
Employment Services	304	\$3,306	5613
Motor Vehicle Parts Manufacturing	280	\$9,922	3363
Household Appliance Manufacturing	225	\$5,904	3352
Offices of Physicians	213	\$8,569	6211
Converted Paper Product Manufacturing	211	\$9,625	3222
Navigational, Measuring, Electromedical, and Control Instruments Manufacturing	174	\$11,109	3345
Beverage Manufacturing	169	\$5,832	3121

In 4Q2007, General Medical and Surgical Hospitals was first on the list of the top ten industries of employment (Table 4), with those employed in the Depository Credit Intermediation industry having the highest median quarterly earnings (\$12,509). General Medical and Surgical Hospitals was second in rank with respect to median earnings at \$12,314.

Table 4. Top 10 Industries of Employment for SDF at 4Q2007

Industry	n	Median Earnings	NAICS Code
General Medical and Surgical Hospitals	446	\$12,314	6221
Depository Credit Intermediation	432	\$12,509	5221
Employment Services	326	\$5,238	5613
Elementary and Secondary Schools	318	\$7,750	6111
Wireless Telecommunications Carriers (except Satellite)	248	\$7,202	5172
Business Support Services	202	\$4,611	5614
Motor Vehicle Parts Manufacturing	185	\$10,056	3363
Executive, Legislative, and Other General Government Support	179	\$7,338	9211
Converted Paper Product Manufacturing	174	\$10,038	3222
Grocery and Related Product Merchant Wholesalers	168	\$9,783	4244

Self-Sufficiency Fund

SSF participants who attended training at South Texas Community College had the highest employment in 4Q2003 at 76.3 percent (Table 5). Houston Community College had the largest number of participants and had employment of 62.6 percent in 4Q2003. Exiters from the Texas Engineering Extension Service had the highest median quarterly earnings in 4Q2003 at \$4,409. Overall employment for the SSF cohort in 4Q2003 was 67.1 percent with median quarterly earnings of \$3,788.

Table 5. SSF Employment and Earnings in 4Q2003 by Training Provider

Training Provider	N	Working in 4Q2003		
		n	% Working	Median Earnings
Texas State Technical College	10	6	60.0	\$2,579
El Paso Community College	16	8	50.0	\$3,402
Texas Engineering Extension Service	61	42	68.9	\$4,409
Valley Initiative Development Assoc.	112	62	55.4	\$4,345
South Texas Community College	497	379	76.3	\$3,616
Houston Community College	682	427	62.6	\$3,802
Total	1,378	924	67.1	\$3,788

Table 6 shows employment and earnings in 4Q2007 by training provider for the SSF cohort. Texas Engineering Extension Service topped the list with 73.8 percent employment. South Texas Community College was second with employment of 70.8 percent. Houston Community College had employment of 62.2 percent. Texas State Technical College exiters had the highest median quarterly earnings at the five year snapshot, \$11,108. Overall employment for the SSF cohort five years after exit was 64.8 percent with median quarterly earnings of \$5,009.

Table 6. SSF Employment and Earnings in 4Q2007 by Training Provider

Training Provider	N	Working in 4Q2007		
		n	% Working	Median Earnings
Texas State Technical College	10	5	50.0	\$11,108
El Paso Community College	16	11	68.8	\$5,035
Texas Engineering Extension Service	61	45	73.8	\$5,964
Valley Initiative Development Assoc.	112	56	50.0	\$5,741
South Texas Community College	497	352	70.8	\$4,808
Houston Community College	682	424	62.2	\$4,908
Total	1,378	893	64.8	\$5,009

Elementary and Secondary Schools was the industry (by 4-digit NAICS code) employing the most SSF exit cohort members at 4Q2003, followed by Employment Services (Table 7). Some of the other top ten industries of employment at 4Q2003 for SDF participants were Home Health Care Services, Business Support Services, and Child Day Care Services. Participants employed in General Freight Trucking had the highest median quarterly earnings in 4Q2003 with \$5,194.

Table 7. Top 10 Industries of Employment for SSF at 4Q2003

Industry	n	Median Earnings	NAICS Code
Elementary and Secondary Schools	162	\$3,914	6111
Employment Services	61	\$2,507	5613
Home Health Care Services	51	\$1,809	6216
Executive, Legislative, and Other General Government Support	44	\$5,108	9211
General Medical and Surgical Hospitals	28	\$4,811	6221
Child Day Care Services	28	\$3,179	6244
Limited-Service Eating Places	25	\$2,435	7222
Business Support Services	23	\$3,335	5614
Other General Merchandise Stores	21	\$3,878	4529
General Freight Trucking	18	\$5,194	4841

In 4Q2007, Elementary and Secondary Schools was again first on the list of the top ten industries of employment (Table 8), with those employed in the General Freight Trucking industry sector again having the highest median quarterly earnings with \$6,847.

Table 8. Top 10 Industries of Employment for SSF at 4Q2007

Industry	n	Median Earnings	NAICS Code
Elementary and Secondary Schools	146	\$5,576	6111
Employment Services	73	\$3,238	5613
Home Health Care Services	63	\$2,096	6216
Executive, Legislative, and Other General Government Support	43	\$5,436	9211
General Medical and Surgical Hospitals	26	\$6,439	6221
Other General Merchandise Stores	23	\$4,806	4529
Investigation and Security Services	22	\$4,624	5616
Limited-Service Eating Places	22	\$2,364	7222
Business Support Services	21	\$4,086	5614
General Freight Trucking	18	\$6,847	4841

References

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