

## DOCUMENT RESUME

ED 482 195

JC 030 634

AUTHOR Robison, M. Henry; Christophersen, Kjell A.  
TITLE The Socioeconomic Benefits Generated by Hillsborough Community College. Volume 2: Detailed Results.  
INSTITUTION Hillsborough Community Coll., Tampa, FL.  
PUB DATE 2003-02-28  
NOTE 10p.; Also prepared by CCbenefits, Inc. For the Executive Summary of the report, see JC 030 621.  
PUB TYPE Numerical/Quantitative Data (110) -- Reports - Research (143)  
EDRS PRICE EDRS Price MF01/PC01 Plus Postage.  
DESCRIPTORS \*Community Colleges; Cross Cultural Studies; Data; \*Economic Impact; Economic Progress; Ethnicity; Race; School Community Relationship; Sex Differences; \*Tables (Data); Two Year Colleges  
IDENTIFIERS \*Hillsborough Community College FL

## ABSTRACT

This document presents the results from an economic impact analysis in detail by gender, ethnicity, and entry level of education at Hillsborough Community College. The information in this volume is intended to supplement the main report on The Socioeconomic Benefits Generated by Hillsborough Community College. The main study focuses only on the overall economic impacts generated by community colleges without reference to gender or ethnicity differences. These results were kept separate from the main report because gender and ethnicity were not the focus of the study. However, it is noted that gender and ethnicity are important variables that help to characterize the student body profile. This document also emphasizes that these results are made available for the sake of completeness of the study, and that they should be used with caution and not for any political agendas. These results are made available with the intent to provide community college presidents with pertinent information should they have any specific questions regarding the data of the main report. Lastly, the document explains that tables 19 and 20 in this report are particularly important because they provide data needed for computing the investment analysis results that are described in the main report. (Contains 20 tables.) (JS)

Reproductions supplied by EDRS are the best that can be made  
from the original document.



# The Socioeconomic Benefits Generated by Hillsborough Community College

*State of Florida*

## Volume 2: Detailed Results

*by*

*Entry Level of Education*

*Gender and Ethnicity*

28-Feb-2003

M. Henry Robison & Kjell A. Christophersen

CCbenefits Inc.

[www.ccbenefits.com](http://www.ccbenefits.com)

7c030634

# INTRODUCTION

The purpose of this volume is to present the results of the economic impact analysis in detail by gender, ethnicity and entry level of education. It is kept as a separate volume intended for limited distribution only, however, because this effort is not about gender and ethnicity differences *per se*. The study is about the overall economic impacts generated by community colleges (CCs). As such, the Main Report and the short Executive Summary both present the results without reference to gender and ethnicity differences.

We feel, nevertheless, that it is important to present *all* of the results for the sake of completeness, not just the consolidated ones, so long as the users of the detailed information remain prudent in its use and distribution. The results should not be used, for example, to further political agendas. Other studies about gender and ethnicity differences address such questions better and in greater detail. Our intent is simply to provide CC presidents with pertinent information should specific questions arise.

On the input side, gender and ethnicity are important variables that help characterize the student body profile. We collect the profile data and link it to national statistical databases which are already broken out by gender and ethnic differences. The student body profile, to a large extent, drives the magnitudes of the results which are presented in detail in this volume and in a consolidated fashion in the Main Report and the Executive Summary.

Tables 19 and 20 in this report are particularly important. They provide the data needed for computing the investment analysis results in Tables 3.7 and 3.8 in the **Main Report**—the broad and narrow taxpayer perspectives. In Table 19, every other column (the higher taxes and the avoided cost columns) provides the data needed for the narrow taxpayer perspective. The remaining columns provide the data needed for the broad taxpayer perspective. Table 20 provides the detailed calculations on student earnings that feed into the first column of Table 19.

## DETAILED RESULTS

Table 1. Higher Annual Earnings Based on Achievements During Analysis Year, Aggregate

	Male		Female		Total
	White	Minority	White	Minority	
< HS/GED	\$950,574	\$258,324	\$1,046,862	\$154,325	\$2,410,085
HS/GED equivalent	\$1,395,024	\$379,106	\$1,550,390	\$228,553	\$3,553,074
1 year post HS or less	\$7,183,410	\$3,072,403	\$4,598,465	\$2,749,018	\$17,603,296
2 years post HS or less	\$10,941,869	\$4,289,681	\$6,833,635	\$4,026,635	\$26,091,819
> Associate Degree	\$3,264,395	\$962,238	\$2,219,345	\$1,228,919	\$7,674,896
<b>Total</b>	<b>\$23,735,272</b>	<b>\$8,961,752</b>	<b>\$16,248,696</b>	<b>\$8,387,450</b>	<b>\$57,333,171</b>

Table 2. No. of Days Reduced Absenteeism/Year

	Male		Female		Reduce Absent.
	White	Minority	White	Minority	
< HS/GED	235	133	599	232	1,199
HS/GED equivalent	121	69	309	120	618
1 year post HS or less	1,319	1,173	1,968	3,046	7,506
2 years post HS or less	961	792	1,367	2,143	5,263
> Associate Degree	258	158	400	583	1,399
<b>Total</b>	<b>2,894</b>	<b>2,324</b>	<b>4,644</b>	<b>6,124</b>	<b>15,985</b>

Table 3. Employer Savings from Reduced Absenteeism, \$ per Year

	Male		Female		Total
	White	Minority	White	Minority	
< HS/GED	\$20,398	\$7,127	\$26,729	\$8,315	\$62,568
HS/GED equivalent	\$16,182	\$5,654	\$21,903	\$6,813	\$50,553
1 year post HS or less	\$203,602	\$111,809	\$162,747	\$202,092	\$680,251
2 years post HS or less	\$173,743	\$88,449	\$133,595	\$168,095	\$563,883
> Associate Degree	\$52,908	\$20,051	\$44,715	\$52,249	\$169,924
<b>Total</b>	<b>\$466,834</b>	<b>\$233,090</b>	<b>\$389,689</b>	<b>\$437,564</b>	<b>\$1,527,178</b>

Table 4. Fewer Smokers

	Male		Female		Total
	White	Minority	White	Minority	
< HS/GED	7	0	9	0	17
HS/GED equivalent	6	0	8	0	14
1 year post HS or less	83	10	66	12	172
2 years post HS or less	79	11	62	13	166
> Associate Degree	23	3	20	4	50
<b>Total</b>	<b>198</b>	<b>24</b>	<b>166</b>	<b>31</b>	<b>420</b>

Table 5. Medical Savings from Reduced Smoking, \$ per Year

	Annual Costs, Male		Annual Costs, Female		Total
	White	Minority	White	Minority	
< HS/GED	\$20,387	\$1,355	\$27,269	\$1,101	\$50,113
HS/GED equivalent	\$16,923	\$1,203	\$22,863	\$976	\$41,965
1 year post HS or less	\$246,535	\$30,507	\$196,878	\$36,814	\$510,734
2 years post HS or less	\$235,421	\$31,771	\$184,997	\$39,687	\$491,876
> Associate Degree	\$68,426	\$7,604	\$59,536	\$12,895	\$148,461
<b>Total</b>	<b>\$587,692</b>	<b>\$72,440</b>	<b>\$491,542</b>	<b>\$91,474</b>	<b>\$1,243,148</b>

Table 6. Fewer Alcohol Abusers

	Male		Female		Total
	White	Minority	White	Minority	
< HS/GED	2	1	2	0	5
HS/GED equivalent	1	1	2	0	4
1 year post HS or less	22	15	15	9	62
2 years post HS or less	23	15	14	9	61
> Associate Degree	7	3	4	3	18
<b>Total</b>	<b>55</b>	<b>35</b>	<b>37</b>	<b>22</b>	<b>149</b>

Table 7. Medical Savings from Reduced Alcohol Abuse, \$/Year

	Annual Costs, Male		Annual Costs, Female		Total
	White	Minority	White	Minority	
< HS/GED	\$12,812	\$5,712	\$17,673	\$2,551	\$38,748
HS/GED equivalent	\$11,116	\$4,939	\$14,494	\$2,150	\$32,699
1 year post HS or less	\$172,966	\$120,296	\$120,922	\$75,144	\$489,329
2 years post HS or less	\$184,269	\$117,401	\$107,506	\$71,680	\$480,857
> Associate Degree	\$57,102	\$27,029	\$33,517	\$21,644	\$139,291
<b>Total</b>	<b>\$438,265</b>	<b>\$275,377</b>	<b>\$294,113</b>	<b>\$173,169</b>	<b>\$1,180,924</b>

Table 8. Fewer Incarcerated, Aggregate for Student Body

	Male		Female		Total
	White	Minority	White	Minority	
< HS/GED	5.4	2.9	0.1	0.4	8.8
HS/GED equivalent	3.6	2.3	0.1	0.3	6.3
1 year post HS or less	37.7	50.7	0.5	9.4	98.2
2 years post HS or less	20.7	40.9	0.3	7.0	68.8
> Associate Degree	4.3	8.4	0.1	1.8	14.5
<b>Total</b>	<b>72</b>	<b>105</b>	<b>1</b>	<b>19</b>	<b>197</b>

Table 9. Savings from Reduced Incarceration, \$ per Year

	Annual Costs, Male		Annual Costs, Female		Total
	White	Minority	White	Minority	
< HS/GED	\$62,057	\$33,707	\$1,364	\$4,742	\$101,869
HS/GED equivalent	\$40,965	\$26,958	\$900	\$3,601	\$72,424
1 year post HS or less	\$434,544	\$584,966	\$5,598	\$108,112	\$1,133,221
2 years post HS or less	\$238,591	\$471,970	\$2,915	\$80,215	\$793,692
> Associate Degree	\$49,546	\$96,818	\$662	\$20,770	\$167,797
<b>Total</b>	<b>\$825,704</b>	<b>\$1,214,420</b>	<b>\$11,439</b>	<b>\$217,440</b>	<b>\$2,269,002</b>

Table 10. Crime Victim Savings, Aggregate for Student Body, \$/Year

	Annual Costs, Male		Annual Costs, Female		Total
	White	Minority	White	Minority	
< HS/GED	\$68,346	\$37,124	\$1,502	\$5,222	\$112,194
HS/GED equivalent	\$45,117	\$29,690	\$991	\$3,966	\$79,764
1 year post HS or less	\$478,585	\$644,253	\$6,166	\$119,069	\$1,248,073
2 years post HS or less	\$262,772	\$519,805	\$3,211	\$88,345	\$874,132
> Associate Degree	\$54,568	\$106,630	\$729	\$22,875	\$184,803
<b>Total</b>	<b>\$909,389</b>	<b>\$1,337,501</b>	<b>\$12,598</b>	<b>\$239,478</b>	<b>\$2,498,966</b>

Table 11. Productivity Gained (Fewer Incarcerated), \$ per Year

	Annual Costs, Male		Annual Costs, Female		Total
	White	Minority	White	Minority	
< HS/GED	\$21,170	\$7,102	\$242	\$676	\$29,190
HS/GED equivalent	\$18,422	\$7,488	\$215	\$691	\$26,815
1 year post HS or less	\$214,158	\$178,056	\$1,473	\$22,839	\$416,526
2 years post HS or less	\$136,437	\$166,694	\$898	\$19,826	\$323,855
> Associate Degree	\$32,233	\$38,902	\$234	\$5,880	\$77,248
<b>Total</b>	<b>\$422,421</b>	<b>\$398,242</b>	<b>\$3,062</b>	<b>\$49,911</b>	<b>\$873,635</b>

Table 12. Fewer People on Welfare

	Male		Female		Total
	White	Minority	White	Minority	
< HS/GED	1.6	1.6	21.5	6.8	31.5
HS/GED equivalent	1.1	1.1	14.9	4.7	21.8
1 year post HS or less	12.6	19.7	98.7	124.2	255.2
2 years post HS or less	7.8	11.3	57.9	74.2	151.2
> Associate Degree	1.7	1.9	14.1	16.8	34.5
<b>Total</b>	<b>25</b>	<b>36</b>	<b>207</b>	<b>227</b>	<b>494</b>

Table 13. Community Welfare Savings, \$ per Year

	Annual Costs, Male		Annual Costs, Female		Total
	White	Minority	White	Minority	
< HS/GED	\$6,115	\$6,056	\$81,394	\$25,680	\$119,244
HS/GED equivalent	\$4,239	\$4,198	\$56,421	\$17,801	\$82,659
1 year post HS or less	\$47,956	\$74,641	\$374,128	\$470,779	\$967,504
2 years post HS or less	\$29,575	\$42,796	\$219,598	\$281,203	\$573,172
> Associate Degree	\$6,602	\$7,092	\$53,620	\$63,545	\$130,859
<b>Total</b>	<b>\$94,486</b>	<b>\$134,783</b>	<b>\$785,162</b>	<b>\$859,008</b>	<b>\$1,873,439</b>

Table 14. Fewer People on Unemployment

	Male		Female		Total
	White	Minority	White	Minority	
< HS/GED	4	3	9	3	19
HS/GED equivalent	4	3	9	3	19
1 year post HS or less	9	21	13	33	76
2 years post HS or less	5	11	7	18	42
> Associate Degree	2	3	3	7	15
<b>Total</b>	<b>23</b>	<b>42</b>	<b>41</b>	<b>65</b>	<b>171</b>

Table 15. Unemployment Savings, \$ per Year

	Annual Costs, Male		Annual Costs, Female		Total
	White	Minority	White	Minority	
< HS/GED	\$28,896	\$23,188	\$72,123	\$24,160	\$148,368
HS/GED equivalent	\$29,262	\$23,481	\$73,035	\$24,465	\$150,243
1 year post HS or less	\$67,407	\$168,364	\$102,351	\$257,162	\$595,285
2 years post HS or less	\$39,052	\$89,558	\$54,844	\$145,239	\$328,693
> Associate Degree	\$14,848	\$25,703	\$22,613	\$56,587	\$119,751
<b>Total</b>	<b>\$179,465</b>	<b>\$330,295</b>	<b>\$324,966</b>	<b>\$507,614</b>	<b>\$1,342,340</b>

Table 16. Summary of Annual Impacts, \$ per Year

	Male		Female		Total
	White	Minority	White	Minority	
Higher earnings	\$23,735,272	\$8,961,752	\$16,248,696	\$8,387,450	\$57,333,171
Absenteeism Savings	\$466,834	\$233,090	\$389,689	\$437,564	\$1,527,178
Medical Cost Savings	\$1,025,957	\$347,816	\$785,655	\$264,643	\$2,424,072
Incarceration Savings	\$825,704	\$1,214,420	\$11,439	\$217,440	\$2,269,002
Crime Victim Savings	\$909,389	\$1,337,501	\$12,598	\$239,478	\$2,498,966
Add Prod. (fewer incarceration.)	\$422,421	\$398,242	\$3,062	\$49,911	\$873,635
Welfare Savings	\$94,486	\$134,783	\$785,162	\$859,008	\$1,873,439
Unemployment Savings	\$179,465	\$330,295	\$324,966	\$507,614	\$1,342,340
<b>Total</b>	<b>\$27,659,528</b>	<b>\$12,957,899</b>	<b>\$18,561,267</b>	<b>\$10,963,108</b>	<b>\$70,141,802</b>

Table 17. Annual Impacts per Credit Hour Equivalent, \$ per Year

	Male		Female		Weighted Average
	White	Minority	White	Minority	
Higher earnings	\$ 196	\$ 125	\$ 113	\$ 86	\$ 143
Absenteeism Savings	\$ 4	\$ 3	\$ 3	\$ 4	\$ 4
Medical Cost Savings	\$ 8	\$ 5	\$ 5	\$ 3	\$ 6
Incarceration Savings	\$ 7	\$ 17	\$ 0	\$ 2	\$ 13
Crime Victim Savings	\$ 7	\$ 19	\$ 0	\$ 2	\$ 14
Add Prod. (fewer incarceration.)	\$ 3	\$ 6	\$ 0	\$ 1	\$ 5
Welfare Savings	\$ 1	\$ 2	\$ 5	\$ 9	\$ 7
Unemployment Savings	\$ 1	\$ 5	\$ 2	\$ 5	\$ 4
<b>Total</b>	<b>\$ 228</b>	<b>\$ 180</b>	<b>\$ 129</b>	<b>\$ 112</b>	<b>\$ 195</b>

Table 18. Annual Impacts per Student, \$ per Year

	Male		Female		Weighted Average
	White	Minority	White	Minority	
Higher earnings	\$ 2,946	\$ 1,876	\$ 1,706	\$ 1,290	\$ 2,146
Absenteeism Savings	\$ 58	\$ 49	\$ 41	\$ 67	\$ 56
Medical Cost Savings	\$ 127	\$ 73	\$ 82	\$ 41	\$ 93
Incarceration Savings	\$ 102	\$ 254	\$ 1	\$ 33	\$ 195
Crime Victim Savings	\$ 113	\$ 280	\$ 1	\$ 37	\$ 215
Add Prod. (fewer incarceration.)	\$ 52	\$ 83	\$ 0	\$ 8	\$ 68
Welfare Savings	\$ 12	\$ 28	\$ 82	\$ 132	\$ 99
Unemployment Savings	\$ 22	\$ 69	\$ 34	\$ 78	\$ 62
<b>Total</b>	<b>\$ 3,433</b>	<b>\$ 2,713</b>	<b>\$ 1,949</b>	<b>\$ 1,686</b>	<b>\$ 2,932</b>



Detailed Results

Table 19. Cumulative Impact Over Time (\$'000), Details for Both Taxpayer Perspectives

Year	Earnings Net	Added Taxes	Health				Crime				Welfare / Unemployment					
			Reduced Absent.	Avoided Cost	Medical Saving	Avoided Cost	Incarceration	Avoided Cost	Victims	Avoided Cost	Product. Gained	Avoided Cost	Reduced Welfare	Avoided Cost	Reduced Unempl.	Avoided Cost
1	\$80,925	\$12,490	\$1,527	\$187	\$2,424	\$145	\$2,269	\$1,815	\$2,499	\$0	\$874	\$135	\$1,873	\$300	\$1,342	\$0
2	\$5,347	\$825	\$1,524	\$186	\$2,411	\$145	\$2,257	\$1,806	\$2,486	\$0	\$872	\$135	\$1,864	\$298	\$1,333	\$0
3	\$18,520	\$2,858	\$1,520	\$186	\$2,399	\$144	\$2,246	\$1,796	\$2,473	\$0	\$870	\$134	\$1,854	\$297	\$1,323	\$0
4	\$20,551	\$3,172	\$1,517	\$185	\$2,387	\$143	\$2,234	\$1,787	\$2,460	\$0	\$868	\$134	\$1,844	\$295	\$1,314	\$0
5	\$22,700	\$3,503	\$1,514	\$185	\$2,374	\$142	\$2,222	\$1,778	\$2,447	\$0	\$866	\$134	\$1,835	\$294	\$1,304	\$0
6	\$24,962	\$3,853	\$1,510	\$184	\$2,362	\$142	\$2,211	\$1,769	\$2,435	\$0	\$864	\$133	\$1,825	\$292	\$1,295	\$0
7	\$27,333	\$4,219	\$1,507	\$184	\$2,350	\$141	\$2,199	\$1,759	\$2,422	\$0	\$862	\$133	\$1,816	\$291	\$1,286	\$0
8	\$29,807	\$4,600	\$1,504	\$184	\$2,337	\$140	\$2,188	\$1,750	\$2,410	\$0	\$860	\$133	\$1,806	\$289	\$1,276	\$0
9	\$32,375	\$4,997	\$1,500	\$183	\$2,325	\$140	\$2,176	\$1,741	\$2,397	\$0	\$858	\$132	\$1,797	\$288	\$1,267	\$0
10	\$35,029	\$5,406	\$1,497	\$183	\$2,313	\$139	\$2,165	\$1,732	\$2,385	\$0	\$856	\$132	\$1,788	\$286	\$1,258	\$0
11	\$37,759	\$5,828	\$1,494	\$182	\$2,301	\$138	\$2,154	\$1,723	\$2,372	\$0	\$855	\$132	\$1,778	\$285	\$1,249	\$0
12	\$40,552	\$6,259	\$1,491	\$182	\$2,289	\$137	\$2,143	\$1,714	\$2,360	\$0	\$853	\$132	\$1,769	\$283	\$1,240	\$0
13	\$43,397	\$6,698	\$1,487	\$182	\$2,277	\$137	\$2,132	\$1,705	\$2,348	\$0	\$851	\$131	\$1,760	\$282	\$1,231	\$0
14	\$46,279	\$7,143	\$1,484	\$181	\$2,266	\$136	\$2,121	\$1,696	\$2,336	\$0	\$849	\$131	\$1,751	\$280	\$1,222	\$0
15	\$49,183	\$7,591	\$1,481	\$181	\$2,254	\$135	\$2,110	\$1,688	\$2,323	\$0	\$847	\$131	\$1,742	\$279	\$1,214	\$0
16	\$52,094	\$8,040	\$1,477	\$180	\$2,242	\$135	\$2,099	\$1,679	\$2,311	\$0	\$845	\$130	\$1,733	\$277	\$1,205	\$0
17	\$54,995	\$8,488	\$1,474	\$180	\$2,230	\$134	\$2,088	\$1,670	\$2,299	\$0	\$843	\$130	\$1,724	\$276	\$1,196	\$0
18	\$57,869	\$8,931	\$1,471	\$180	\$2,219	\$133	\$2,077	\$1,662	\$2,287	\$0	\$841	\$130	\$1,715	\$274	\$1,188	\$0
19	\$60,697	\$9,368	\$1,468	\$179	\$2,207	\$132	\$2,066	\$1,653	\$2,276	\$0	\$840	\$130	\$1,706	\$273	\$1,179	\$0
20	\$63,463	\$9,795	\$1,464	\$179	\$2,196	\$132	\$2,055	\$1,644	\$2,264	\$0	\$838	\$129	\$1,697	\$272	\$1,171	\$0
21	\$66,148	\$10,209	\$1,461	\$178	\$2,184	\$131	\$2,045	\$1,636	\$2,252	\$0	\$836	\$129	\$1,688	\$270	\$1,162	\$0
22	\$68,734	\$10,608	\$1,458	\$178	\$2,173	\$130	\$2,034	\$1,627	\$2,240	\$0	\$834	\$129	\$1,680	\$269	\$1,154	\$0
23	\$71,204	\$10,990	\$1,455	\$178	\$2,162	\$130	\$2,024	\$1,619	\$2,229	\$0	\$832	\$128	\$1,671	\$267	\$1,146	\$0
24	\$73,540	\$11,350	\$1,452	\$177	\$2,151	\$129	\$2,013	\$1,610	\$2,217	\$0	\$830	\$128	\$1,662	\$266	\$1,138	\$0
25	\$75,726	\$11,688	\$1,448	\$177	\$2,139	\$128	\$2,003	\$1,602	\$2,206	\$0	\$829	\$128	\$1,653	\$265	\$1,129	\$0
26	\$77,746	\$11,999	\$1,445	\$177	\$2,128	\$128	\$1,992	\$1,594	\$2,194	\$0	\$827	\$128	\$1,645	\$263	\$1,121	\$0
27	\$79,585	\$12,283	\$1,442	\$176	\$2,117	\$127	\$1,982	\$1,586	\$2,183	\$0	\$825	\$127	\$1,636	\$262	\$1,113	\$0
28	\$81,232	\$12,537	\$1,439	\$176	\$2,106	\$126	\$1,972	\$1,577	\$2,171	\$0	\$823	\$127	\$1,628	\$260	\$1,105	\$0
29	\$82,673	\$12,760	\$1,436	\$175	\$2,095	\$126	\$1,961	\$1,569	\$2,160	\$0	\$821	\$127	\$1,619	\$259	\$1,097	\$0
30	\$83,899	\$12,949	\$1,432	\$175	\$2,085	\$125	\$1,951	\$1,561	\$2,149	\$0	\$819	\$126	\$1,611	\$258	\$1,090	\$0
31	\$84,901	\$13,104	\$1,429	\$175	\$2,074	\$124	\$1,941	\$1,553	\$2,138	\$0	\$818	\$126	\$1,603	\$256	\$1,082	\$0
32	\$85,671	\$13,223	\$1,426	\$174	\$2,063	\$124	\$1,931	\$1,545	\$2,127	\$0	\$816	\$126	\$1,594	\$255	\$1,074	\$0
33	\$86,206	\$13,305	\$1,423	\$174	\$2,052	\$123	\$1,921	\$1,537	\$2,116	\$0	\$814	\$126	\$1,586	\$254	\$1,066	\$0
34	\$86,502	\$13,351	\$1,420	\$173	\$2,042	\$122	\$1,911	\$1,529	\$2,105	\$0	\$812	\$125	\$1,578	\$252	\$1,059	\$0
35	\$86,558	\$13,359	\$1,417	\$173	\$2,031	\$122	\$1,901	\$1,521	\$2,094	\$0	\$810	\$125	\$1,570	\$251	\$1,051	\$0
36	\$86,374	\$13,331	\$1,414	\$173	\$2,020	\$121	\$1,891	\$1,513	\$2,083	\$0	\$809	\$125	\$1,562	\$250	\$1,044	\$0
37	\$85,954	\$13,266	\$1,411	\$172	\$2,010	\$121	\$1,881	\$1,505	\$2,072	\$0	\$807	\$125	\$1,553	\$249	\$1,036	\$0
38	\$85,301	\$13,165	\$1,407	\$172	\$2,000	\$120	\$1,872	\$1,497	\$2,061	\$0	\$805	\$124	\$1,545	\$247	\$1,029	\$0
0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PV	\$973,951	\$150,320	\$28,689	\$3,504	\$43,725	\$2,624	\$40,928	\$32,742	\$45,076	\$0	\$16,412	\$2,533	\$33,793	\$5,407	\$23,581	\$0

BEST COPY AVAILABLE

Table 20. Earnings Calculations, Taxpayer Perspectives (\$'000)

Year	Gross Student Earnings	Net of Attrition	Direct Earnings Net	Indirect Student Earnings	Net Total Student Earnings	Total CC Earnings	Total Earnings Net
1	\$5,097	\$5,097	\$1,682	\$2,104	\$3,786	\$77,138	\$80,925
2	\$7,210	\$7,198	\$2,375	\$2,971	\$5,347	\$0	\$5,347
3	\$25,018	\$24,932	\$8,228	\$10,292	\$18,520	\$0	\$18,520
4	\$27,809	\$27,667	\$9,130	\$11,421	\$20,551	\$0	\$20,551
5	\$30,770	\$30,560	\$10,085	\$12,615	\$22,700	\$0	\$22,700
6	\$33,894	\$33,606	\$11,090	\$13,872	\$24,962	\$0	\$24,962
7	\$37,177	\$36,798	\$12,143	\$15,190	\$27,333	\$0	\$27,333
8	\$40,611	\$40,128	\$13,242	\$16,565	\$29,807	\$0	\$29,807
9	\$44,186	\$43,585	\$14,383	\$17,992	\$32,375	\$0	\$32,375
10	\$47,890	\$47,158	\$15,562	\$19,467	\$35,029	\$0	\$35,029
11	\$51,710	\$50,833	\$16,775	\$20,984	\$37,759	\$0	\$37,759
12	\$55,630	\$54,594	\$18,016	\$22,536	\$40,552	\$0	\$40,552
13	\$59,634	\$58,423	\$19,280	\$24,117	\$43,397	\$0	\$43,397
14	\$63,704	\$62,303	\$20,560	\$25,719	\$46,279	\$0	\$46,279
15	\$67,817	\$66,213	\$21,850	\$27,333	\$49,183	\$0	\$49,183
16	\$71,954	\$70,132	\$23,144	\$28,950	\$52,094	\$0	\$52,094
17	\$76,091	\$74,038	\$24,432	\$30,562	\$54,995	\$0	\$54,995
18	\$80,204	\$77,906	\$25,709	\$32,160	\$57,869	\$0	\$57,869
19	\$84,269	\$81,715	\$26,966	\$33,732	\$60,697	\$0	\$60,697
20	\$88,259	\$85,438	\$28,195	\$35,269	\$63,463	\$0	\$63,463
21	\$92,151	\$89,053	\$29,388	\$36,761	\$66,148	\$0	\$66,148
22	\$95,918	\$92,535	\$30,536	\$38,198	\$68,734	\$0	\$68,734
23	\$99,534	\$95,859	\$31,634	\$39,570	\$71,204	\$0	\$71,204
24	\$102,975	\$99,004	\$32,671	\$40,869	\$73,540	\$0	\$73,540
25	\$106,217	\$101,947	\$33,642	\$42,083	\$75,726	\$0	\$75,726
26	\$109,237	\$104,666	\$34,540	\$43,206	\$77,746	\$0	\$77,746
27	\$112,013	\$107,143	\$35,357	\$44,228	\$79,585	\$0	\$79,585
28	\$114,526	\$109,360	\$36,089	\$45,143	\$81,232	\$0	\$81,232
29	\$116,758	\$111,300	\$36,729	\$45,944	\$82,673	\$0	\$82,673
30	\$118,692	\$112,950	\$37,274	\$46,625	\$83,899	\$0	\$83,899
31	\$120,314	\$114,298	\$37,718	\$47,182	\$84,901	\$0	\$84,901
32	\$121,614	\$115,336	\$38,061	\$47,610	\$85,671	\$0	\$85,671
33	\$122,583	\$116,056	\$38,298	\$47,908	\$86,206	\$0	\$86,206
34	\$123,214	\$116,454	\$38,430	\$48,072	\$86,502	\$0	\$86,502
35	\$123,504	\$116,529	\$38,455	\$48,103	\$86,558	\$0	\$86,558
36	\$123,453	\$116,282	\$38,373	\$48,001	\$86,374	\$0	\$86,374
37	\$123,063	\$115,716	\$38,186	\$47,767	\$85,954	\$0	\$85,954
38	\$122,338	\$114,838	\$37,897	\$47,405	\$85,301	\$0	\$85,301
0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



**U.S. Department of Education**  
 Office of Educational Research and Improvement (OERI)  
 National Library of Education (NLE)  
 Educational Resources Information Center (ERIC)



# REPRODUCTION RELEASE

(Specific Document)

## I. DOCUMENT IDENTIFICATION:

Title: <i>The Socioeconomic Benefits Generated by Hillsborough Community College</i>	
Author(s): <i>M. Henry Robison and Kjell A. Christophersen</i>	
Corporate Source: <i>CCbenefits, Inc.</i>	Publication Date: <i>April 2003</i>

## II. REPRODUCTION RELEASE:

In order to disseminate as widely as possible timely and significant materials of interest to the educational community, documents announced in the monthly abstract journal of the ERIC system, *Resources in Education* (RIE), are usually made available to users in microfiche, reproduced paper copy, and electronic media, and sold through the ERIC Document Reproduction Service (EDRS). Credit is given to the source of each document, and, if reproduction release is granted, one of the following notices is affixed to the document.

If permission is granted to reproduce and disseminate the identified document, please CHECK ONE of the following three options and sign at the bottom of the page.

The sample sticker shown below will be affixed to all Level 1 documents

The sample sticker shown below will be affixed to all Level 2A documents

The sample sticker shown below will be affixed to all Level 2B documents

PERMISSION TO REPRODUCE AND DISSEMINATE THIS MATERIAL HAS BEEN GRANTED BY

*Sample*

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

1

PERMISSION TO REPRODUCE AND DISSEMINATE THIS MATERIAL IN MICROFICHE, AND IN ELECTRONIC MEDIA FOR ERIC COLLECTION SUBSCRIBERS ONLY, HAS BEEN GRANTED BY

*Sample*

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

2A

PERMISSION TO REPRODUCE AND DISSEMINATE THIS MATERIAL IN MICROFICHE ONLY HAS BEEN GRANTED BY

*Sample*

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

2B

Level 1



Check here for Level 1 release, permitting reproduction and dissemination in microfiche or other ERIC archival media (e.g., electronic) and paper copy.

Level 2A



Check here for Level 2A release, permitting reproduction and dissemination in microfiche and in electronic media for ERIC archival collection subscribers only

Level 2B



Check here for Level 2B release, permitting reproduction and dissemination in microfiche only

Documents will be processed as indicated provided reproduction quality permits. If permission to reproduce is granted, but no box is checked, documents will be processed at Level 1.

I hereby grant to the Educational Resources Information Center (ERIC) nonexclusive permission to reproduce and disseminate this document as indicated above. Reproduction from the ERIC microfiche or electronic media by persons other than ERIC employees and its system contractors requires permission from the copyright holder. Exception is made for non-profit reproduction by libraries and other service agencies to satisfy information needs of educators in response to discrete inquiries.

Signature: <i>J. Huerta</i>	Printed Name/Position/Title: <b>VICE PRES. FOR EXTERNAL AFFAIRS</b> <b>JOHN L. HUERTA, JR.</b>
Organization/Address: <b>HILLSBOROUGH COMMUNITY COLLEGE</b>	Telephone: <b>(813) 253-7158</b>
<b>P.O. BOX 31127</b>	FAX: <b>253-7076</b>
<b>TAMPA, FL 33631-3127</b>	E-Mail Address: <b>jhuerta@hccfl.edu</b>
	Date: <b>8-12-03</b>

### III. DOCUMENT AVAILABILITY INFORMATION (FROM NON-ERIC SOURCE):

If permission to reproduce is not granted to ERIC, or, if you wish ERIC to cite the availability of the document from another source, please provide the following information regarding the availability of the document. (ERIC will not announce a document unless it is publicly available, and a dependable source can be specified. Contributors should also be aware that ERIC selection criteria are significantly more stringent for documents that cannot be made available through EDRS.)

Publisher/Distributor:
Address:
Price:

### IV. REFERRAL OF ERIC TO COPYRIGHT/REPRODUCTION RIGHTS HOLDER:

If the right to grant this reproduction release is held by someone other than the addressee, please provide the appropriate name and address:

Name:
Address:

### V. WHERE TO SEND THIS FORM:

Send this form to the following ERIC Clearinghouse:
---

However, if solicited by the ERIC Facility, or if making an unsolicited contribution to ERIC, return this form (and the document being contributed) to:

**ERIC Processing and Reference Facility**  
4483-A Forbes Boulevard  
Lanham, Maryland 20706

Telephone: 301-552-4200  
Toll Free: 800-799-3742  
FAX: 301-552-4700  
e-mail: [info@ericfac.piccard.csc.com](mailto:info@ericfac.piccard.csc.com)  
WWW: <http://ericfacility.org>