# LINK Florida Community College Collection Assessment 2007

**Edison College** 



COLLEGE CENTER FOR LIBRARY AUTOMATION Florida Community College Collection Assessment, 2007

#### Foreword

The 2007 Florida Community College Collection Assessment is based on community college library monographic holdings in LINCC, and updates similar studies conducted in 1998 and 2002. The primary focus of all studies has been age of collection, expanded in 2007 to include circulation data.

#### Study Methodology

CCLA extracted monographic bibliographic and holdings data of all 28 community colleges from LINCC during March and April 2007. The extraction did not include bibliographic records for eBooks primarily because of issues with ownership attribution in the absence of an item record. The study analyzed monographic bibliographic records from the LINCC collective resources base within defined subject categories, counting each title only once. Circulation data for FY2006 (July 2005 to June 2006) was also examined.

#### Acknowledgements

The Florida community college collection assessment was conducted by Dr. Anna H. Perrault, University of South Florida School of Library and Information Science, in collaboration with Jeannie Dixon, CCLA Systems Applications Coordinator.

### Florida Community College Collection Assessment

### Edison College

Edison College is in Peer Group Two of the Florida community colleges by enrollment size. The enrollment in 2005/2006 for institutions in Peer Group Two ranged from 11,968 at Indian River Community College to 4,723 at Gulf Coast Community College. In 2005/2006 the FTE enrollment for Edison College was 7,090 students, ranking it 15th in size among the Florida community colleges. In the present study Edison College has a total of 67,864 monographic bibliographic records ranking it 16<sup>th</sup> in size of collection. In the 2002 study, Edison College ranked 13<sup>th</sup> with 78,192 monographic titles. Since 2002 there has been a decrease of 13% from the number of bibliographic records in the 2002 study. In the present study, Edison College ranks 18<sup>th</sup> in number of titles per FTE student with 9 titles per FTE.

In this report, the data for monographic records for the Edison College collections are compared with the same measures for Peer Group Two. Data for Edison College are drawn from the full data table attached to the report. The total number of titles for each of the three peer groups is shown in Table 1 calculated by aggregating the data for the individual colleges in the group.

Peer Groups	1998 Total Titles	2002 Total Titles	Percentage change from 1998	2007 Total Titles	Percentage change from 2002
Peer Group One	999,682	1,534,144	53% increase	1,364,533	9% decrease
Peer Group Two	670,932	851,552	27% increase	752,355	12% decrease
Peer Group Three	391,200	486,846	24% increase	493,964	2% increase

Table 1Total Number of Monographic Titles by Peer Group

In the four years between the 1998 study and 2002 study, the aggregated collections for all three peer groups grew by an average of 35 percent. This was a considerable increase in a rather short span of time, especially with the withdrawal of older materials taken into consideration. The intervening years between 2002 and 2007 have seen a swing from increasing size of monograph collections to a decrease in the overall number of bibliographic records for the two largest peer groups. The small group, Peer Group Three, had only a slight increase. While each record withdrawn by a college affects that individual collection, the record may remain in the LINCC database because other colleges own the same title. Thus the total number of records increases in LINCC with new titles added, but the individual college shows a 13% decrease for the same time period, higher than the peer group average. There could be various reasons for the decrease in the number of titles since 2002 but it would seem that there were many records withdrawn from the system during that time frame.

Table 2 below shows the median age data for Edison College from all three assessment projects.

Table 3 shows the same data for Peer Group Two.

Subject	1998 Year reached 50%	1998 Median Age in Years	2002 Year reached 50%	2002 Median Age in years	2007 Year reached 50%	2007 Median Age in Years
Humanities	1970	28	1971	31	1974	33
Social Sciences	1977	21	1978	24	1982	25
Sciences	1979	19	1988	14	1991	16
Technology	1978	20	1982	20	1984	23
College average	1975	23	1977	25	1980	22

 Table 2

 Edison College: Monographic Bibliographic Records by Median Age

For Edison College, the overall median age has decreased by three years since the 2002 study. The "year reached 50%" has moved forward three years, not keeping pace with the additional recent years added since the 2002 study. The median age for each of the broad subject groupings has increased since the 2002 study. Edison College is lower than the peer group in overall median age by one year, is higher in technology by three years, higher in the social sciences by five years, and higher in the humanities by three years. Within Peer Group Two in terms of lowest median age, Edison College ranks 5th in the humanities, 7th in the social sciences, 5th in the sciences, and 6th in technology. It ranks third for lowest overall median age. The median ages for several of the colleges in Peer Group Two are the same with ties for first and third place.

 Table 3

 Peer Group Two: Monographic Bibliographic Records by Median Age

Subject	1998 Year reached 50%	1998 Median Age in Years	2002 Year reached 50%	2002 Median Age in years	2007 Year reached 50%	2007 Median Age in Years
Humanities	1970	28	1972	30	1977	30
Social Sciences	1974	24	1978	24	1987	20
Sciences	1979	19	1985	17	1990	17
Technology	1977	21	1981	21	1987	20
Group average	1973	25	1976	26	1984	23

The percentage of subject that occurs in records for titles published prior to 1970 is one measure that usually tracks closely with median age. Tables 4 and 5 display the percentage of total collections comprised of publications before 1970.

Subject	1998 Percentage of total, pre-1970	2002 Percentage of total, pre-1970	2007 Percentage of total, pre-1970
Humanities	50.71%	45.78%	40.24%
Social Sciences	28.53%	28.13%	23.63%
Sciences	24.13%	15.1%	14.25%
Technology	19.1%	15.59%	14.53%

Table 4
Edison College: Percentage of Subject for Pre-1970 Records

From Table 4 it can be seen that there have been declines in the percentage of the collection of pre-1970 publications in all of the broad subject groupings in the Edison College collection since 2002. The humanities and social sciences have a decline of over 5 percentage points in titles published prior to 1970. The sciences and technology decrease only slightly. The data from Edison College can be compared with the peer group averages in Table 5. In the humanities and social sciences Edison College has higher percentages of total in pre-1970 imprints than the peer group averages. These data also point to the attention to collection management since the first study in 1998.

Subject	1998 Percentage of total, pre-1970	2002 Percentage of total, pre-1970	2007 Percentage of total, pre-1970
Humanities	44%	42%	34%
Social Sciences	33%	29%	21%
Sciences	23%	20%	14%
Technology	20%	18%	14%

Table 5Peer Group Two: Percentage of Subject for Pre-1970 Records

The next set of tables show each of the subject divisions as a percentage share of the total records in the study. Tables 6-7 show the percentages of total for each of the five subject groupings including the very small, general category. Viewing the two tables together, it can be seen that the percentage of total changes very little over a long span of time. The percentages do not vary much at all from one peer group to another. The data from the 2007 study here also track very closely with data from other studies. The governing factor in these distributions by subject groupings is the universe of publication by disciplines. There is less monograph publishing in the sciences and technology--more in the humanities and social sciences. The larger percentage of share in the social sciences than the humanities is due mainly to more disciplines included in the social sciences as well as business and economics -- all fields that generate large numbers of monographs.

# Table 6Peer Group Two: Broad Subject Divisions as a Percentage of Total Records

Subject	1998 Percentage of total	2002 Percentage of total	2007 Percentage of total
General	.36%	.8%	.30%
Humanities	36%	36%	33%
Social Sciences	44 %	44%	45%
Sciences	13%	13%	16%
Technology	6%	5%	5%

# Table 7 Edison College: Broad Subject Divisions as a Percentage of Total Records

Subject	1998 Percentage of total	2002 Percentage of total	2007 Percentage of total	
General	.32%	1%	.32%	
Humanities	32.29%	37.4%	36.8%	
Social Sciences	47.79%	45%	43.9%	
Sciences	14.10%	13.2%	12.8%	
Technology	5.5%	3%	6.26%	

Edison College does differ somewhat from the peer group in the percentages of total records in the humanities being higher and the social sciences being lower. The sciences are lower in percentage share of total as compared with the peer group while technology is slightly higher. There could be curricula emphases that have influenced the distribution of titles among the subject divisions.

The next comparison is percentage shares over the time frame of the study with the LINCC collective resources base.

Subject	Pre-1970	1970s	1980s	1990s	2000-04	2005-09
Humanities	30%	18%	16%	20%	13%	4%
Soc. Sciences	21%	16%	17%	23%	15%	5%
Sciences	16%	19%	19%	27%	17%	6%
Technology	16%	22%	20%	24%	15%	4%

# Table 8LINCC Percentage Shares by Time Period, 2007

From Tables 8 and 9 it can be seen that Edison College has much larger percentages of share than the LINCC aggregated resources base in the pre-1970 and 1970 publication periods in the humanities. The social sciences also have larger percentages of total than LINCC in the same time periods. The same pattern continues through the 1980s. In the 1990s Edison College begins to have lower percentages of share than the LINCC database in the humanities.

Table 9
Edison College: College Percentage Shares by Time Period, 2007

Subject	Pre-1970	1970s	1980s	1990s	2000-04	2005-09
Humanities	40%	22%	17%	13%	7%	1%
Soc. Sciences	24%	21%	19%	22%	12%	3%
Sciences	14%	14%	19%	32%	16%	5%
Technology	15%	24%	23%	23%	12%	3%

In the 1990s Edison College has a higher percentages of total than the LINCC collective resources base in the sciences. In 2000-2004, the last complete time period in the study, the percentage shares for Edison College are lower. For the last incomplete interval in the study, Edison College has slightly lower percentages than LINCC database. In this analysis by percentage share of total across the time span of the study, it can be seen that the profile of the Edison College collection is still weighted to the older end of the time span of the study. Although the data show that Edison College has been withdrawing many titles, there has not been as high a rate of new acquisitions to offset the numbers of older materials in the collection. The sciences and technology do have a more suitable profile. While acquisitions have decreased in the humanities, the sciences and technology have kept pace with the LINCC averages.

In Figure 1 accompanying this report, the percentage shares of total by time period for the Edison College collection are shown for all three of the collection assessment studies. The graph shows that the collection profile has improved over the course of the three studies, but that the percentages of share for materials published before 1980 are still relatively high. The percentages of share in the most recent years after 1999 are also lower than the other colleges in the peer group. The addition of recent years to the study has the effect of "flattening out" the percentages of total across the time span of the study, but even with this effect, the collection is still in need of new acquisitions to pull the distribution toward the current end of the time span.

The last analysis in the study compares circulation for 2006 with the distribution of titles across the time span covered by the study.

### Circulation

In the 2002 study, circulation data for one year was analyzed by percentages of total circulation for the time periods defined for the study. The circulation percentages were compared with the percentages of collection total. In this section, circulation for the year 2006 is first compared with the college collection in Table 10. Then the data from the two studies are compared in Figure 2 accompanying this report.

The colleges with a decrease in bibliographic records from the total in the 2002 study also have a decrease in circulation as well in the present study, with the exception of Hillsborough Community College, St. Petersburg College, and Valencia Community College, that all have a decrease in bibliographic records but an increase in circulation. Broward Community College, Florida Keys Community College, North Florida Community College, Okaloosa-Walton College, and Santa Fe Community College all have an increase in number of bibliographic records, but a decrease in circulation total. Manatee Community College and Seminole Community College have increases in both number of bibliographic records and circulation Thus, in those collections in which the percentage of collection has decreased in older materials, circulation has also decreased in those materials, making the circulation in recently published materials heavy compared to the percentage of collection in the last time frames in the study. Colleges have added new acquisitions, but those acquisitions do not seem to be keeping up with demand.

The percentage of total circulation in the last time frame in the study, 2000-2009, differs between the peer groups. In Peer Group One the circulation percentages range from 38% for Hillsborough Community College to 58% for Valencia Community College, with most of the colleges in the 40 percent range. In Peer Group Two the circulation percentages range from 34% for Edison College to 50% for Brevard Community College, Gulf Coast Community College, and Seminole Community College. In Peer Group Three circulation percentages range from 22% for South Florida Community College to 54% at Florida Keys Community College.

Table 10 shows the circulation data for Edison College compared with the percentages of total collection by time period.

	Pre-1970	1970-79	1980-89	1990-99	2000-09	Total
Circulation	3,175	1,918	3,273	8,085	8,440	24,891
Percent Circulation	13%	8%	13%	32%	34%	100%
Percent Collection	28.51%	20.56%	18.17%	19.74%	13.02%	100%

## Table 10 Edison College: Comparison of Circulation Data and Percentage Share of Collection

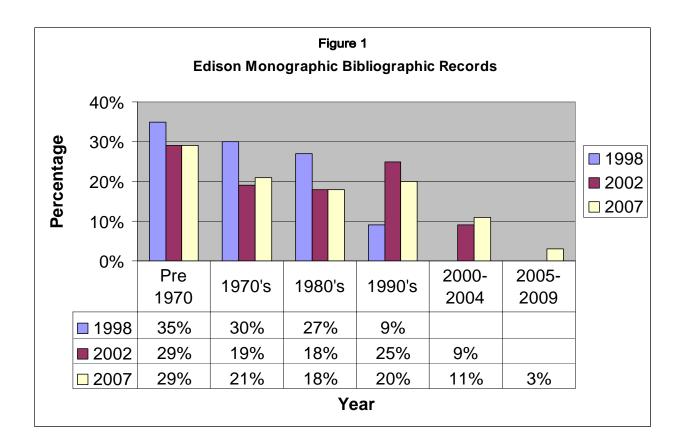
In the 2002 study, total circulation for Edison College was 28,330. The total circulation in this study is 24,891. Data are for number of circulations, not number of titles that circulated. E-books are not included nor items that do not have publication dates in the bibliographic record.

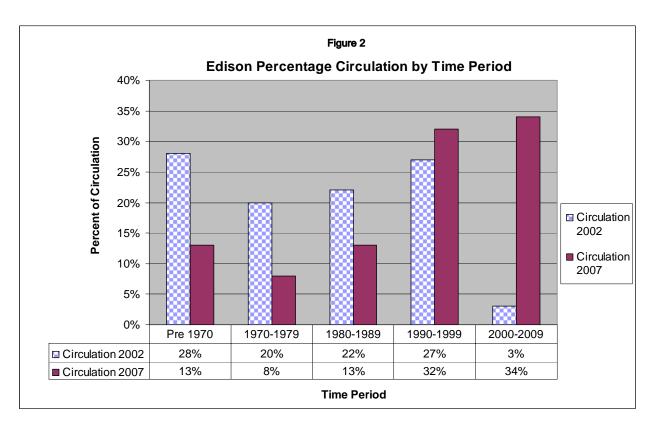
Prior to the 1990 publication year, for Edison College circulation as a percentage of total circulation is considerably less than the percentage of the collection for the same publication time span. Although 67% of the collection is published prior to 1980, the circulation amounts to only 34% of total circulation. Nearly one third of the collection is in materials published since 1989, while 66% of the circulation is in the same time frame. Circulation has diminished in older materials, even though the percentage of total collection is still high prior to 1990. With circulation very low in pre-1980 publications and nearly 50% of the collection in that time frame, there would seem to be possibilities for de-selection.

Figure 2 accompanying this report is a comparison of the percentages of total circulation from the 2002 and 2007 studies for Edison College. In 2002, the circulation in pre-1970 publications and in the last decade in the study are nearly the same percentage of total circulation. In 2007 the heaviest rate of circulation for Edison College is in the last two and most current time frames in the study. While a large percentage of the collection is in materials published prior to 1990, these older materials are not circulating at a rate commensurate with the percentage of collection. With such a high rate of circulation in recent publications, it would seem that a higher rate of current acquisitions in non-digital materials is desirable.

### Summary

For Edison College, the overall median age has decreased by three years since the 2002 study. However, the median age for each of the broad subject groupings has increased since the 2002 study. Within Peer Group Two, Edison College ranks third for lowest overall median age. The profile of the Edison College collection is still weighted to the older end of the time span of the study. Although the data show that Edison College has withdrawn many titles, there has not been as high a rate of new acquisitions to offset the number of older materials in the collection. The sciences and technology do have a more suitable profile. While acquisitions have decreased in the humanities, the sciences and technology have kept pace with the LINCC averages. In 2007, the heaviest rate of circulation for Edison College is in the last two and most current time frames in the study. While a large percentage of the collection is in materials published prior to 1990, these older materials are not circulating at a rate commensurate with the percentage of collection. More new acquisitions are needed to weight the collection toward the current end of the time span of the study.





### Edison College

Broad Subject	PRI	E'70	'70	-'74	'75 <sup>.</sup>	-'79	'80-	'84	'85·	-'89	'90	-'94	'95	-'99	'00	-'04	'05-	'08		_
	Records	% of Sub	Records	% of Sub	Records	% of Sub	Records	% of Sub	Records	% of Sub	Records	% of Sub	Records	% of Sub	Records	% of Sub	Records	% of Sub	TOTAL	MDN
1 General	126	57.53%	11	5.02%	20	9.13%	13	5.94%	10	2.28%	12	5.48%	11	5.02%	11	5.02%	5	2.28%	219	<1970
General Subtotal	126	57.53%	11	5.02%	20	9.13%	13	5.94%	10	4.57%	12	5.48%	11	5.02%	11	5.02%	5	2.28%	219	<1970
2 Philosophy	568	41.64%	152	11.14%	161	11.80%	108	7.92%	72	5.28%	68	4.99%	91	6.67%	121	8.87%	23	1.69%	1,364	1973
2 Religion	557	32.54%	142	8.29%	157	9.17%	133	7.77%	180	10.51%	161	9.40%	159	9.29%	186	10.86%	37	2.16%	1,712	1980
2 Music	386	29.29%	165	12.52%	174	13.20%	170	12.90%	109	8.27%	69	5.24%	146	11.08%	79	5.99%	20	1.52%	1,318	1978
2 Arts	763	30.59%	333	13.35%	292	11.71%	228	9.14%	236	9.46%	175	7.02%	245	9.82%	190	7.62%	32	1.28%	2,494	1977
2 Architecture	103	30.93%	28	8.41%	45	13.51%	27	8.11%	34	10.21%	20	6.01%	42	12.61%	29	8.71%	5	1.50%	333	1979
2 Lang. & Lit. except	2,461	47.88%	763	14.84%	547	10.64%	313	6.09%	259	5.04%	208	4.05%	238	4.63%	259	5.04%	92	1.79%	5,140	1970
2 Romance & Germanic Langs	45	36.00%	8	6.40%	6	4.80%	8	6.40%	8	6.40%	16	12.80%	26	20.80%	5	4.00%	3	2.40%	125	1982
2 Literary History & Collections	980	33.47%	377	12.88%	410	14.00%	325	11.10%	203	6.93%	143	4.88%	211	7.21%	219	7.48%	60	2.05%	2,928	1976
2 Literature: Romance Langs	566	57.64%	119	12.12%	74	7.54%	58	5.91%	50	5.09%	32	3.26%	35	3.56%	43	4.38%	5	0.51%	982	<1970
2 Literature: English	1,954	50.10%	391	10.03%	321	8.23%	271	6.95%	339	8.69%	154	3.95%	200	5.13%	251	6.44%	19	0.49%	3,900	<1970
2 Literature: American	1,980	37.71%	532	10.13%	506	9.64%	552	10.51%	543	10.34%	360	6.86%	401	7.64%	329	6.27%	48	0.91%	5,251	1976
2 Photography	21	8.20%	32	12.50%	40	15.63%	33	12.89%	15	5.86%	17	6.64%	35	13.67%	52	20.31%	11	4.30%	256	1985
Humanities Subtotal	10,384	40.24%	3,042	11.79%	2,733	10.59%	2,226	8.63%	2,048	7.94%	1,423	5.51%	1,829	7.09%	1,763	6.83%	355	1.38%	25,803	1974
3 Psychology	259	16.86%	157	10.22%	269	17.51%	192	12.50%	124	8.07%	133	8.66%	190	12.37%	182	11.85%	30	1.95%	1,536	1982
Aux. Science of History	183	33.70%	45	8.29%	49	9.02%	50	9.21%	47	8.66%	35	6.45%	61	11.23%	62	11.42%	11	2.03%	543	1979
Bistory except	2,084	38.29%	473	8.69%	405	7.44%	449	8.25%	419	7.70%	369	6.78%	583	10.71%	546	10.03%	115	2.11%	5,443	1977
3 U.S.	1,506	38.22%	544	13.81%	333	8.45%	254	6.45%	217	5.51%	312	7.92%	366	9.29%	360	9.14%	48	1.22%	3,940	1974
3 Americas	584	38.32%	203	13.32%	173	11.35%	132	8.66%	103	6.76%	90	5.91%	123	8.07%	93	6.10%	23	1.51%	1,524	1974
3 Geography	73	18.02%	24	5.93%	27	6.67%	27	6.67%	32	7.90%	51	12.59%	101	24.94%	62	15.31%	8	1.98%	405	1991
Anthropology	189	24.97%	105	13.87%	103	13.61%	76	10.04%	55	7.27%	52	6.87%	78	10.30%	84	11.10%	15	1.98%	757	1979
8 Recreation	81	15.11%	68	12.69%	112	20.90%	80	14.93%	75	13.99%	35	6.53%	37	6.90%	46	8.58%	2	0.37%	536	1980
Social Sciences, General	63	23.25%	53	19.56%	46	16.97%	53	19.56%	30	11.07%	14	5.17%	3	1.11%	8	2.95%	1	0.37%	271	1977
Business, Finance & Economics	547	14.35%	345	9.05%	411	10.78%	462	12.12%	338	8.86%	382	10.02%	605	15.87%	559	14.66%	164	4.30%	3,813	1987
3 Sociology	374	9.23%	417	10.29%	445	10.98%	485	11.97%	354	8.74%	441	10.89%	723	17.85%	655	16.17%	157	3.88%	4,051	1989
Band Political Science	613	35.17%	235	13.48%	182	10.44%	173	9.93%	128	7.34%	118	6.77%	133	7.63%	131	7.52%	30	1.72%	1,743	1975
3 Law	197	15.66%	76	6.04%	97	7.71%	81	6.44%	116	9.22%	148	11.76%	268	21.30%	218	17.33%	57	4.53%	1,258	1992
Beducation	362	9.04%	401	10.01%	407	10.16%	475	11.86%	562	14.04%	529	13.21%	547	13.66%	534	13.34%	187	4.67%	4,004	1988
Military & Naval Science	77	19.11%	33	8.19%	31	7.69%	80	19.85%	63	15.63%	27	6.70%	45	11.17%	41	10.17%	6	1.49%	403	1983
Bibliography & Library Science	31	9.06%	19	5.56%	16	4.68%	25	7.31%	43	12.57%	41	11.99%	73	21.35%	72	21.05%	22	6.43%	342	1994
Social Science Subtotal	7,223	23.63%	3,198	10.46%	3,106	10.16%	3,094	10.12%	2,706	8.85%	2,777	9.08%	3,936	12.88%	3,653	11.95%	876	2.87%	30,569	1982

### Edison College

Broad Subject	PRE'70		'70-'74		'75-'79		'80-'84		'85-'89		'90-'94		'95-'99		'00-'04		'05-'08			_
	Records	% of Sub	Records	% of Sub	Records	% of Sub	TOTAL	MDN												
4 Oceanography	13	14.77%	11	12.50%	5	5.68%	11	12.50%	9	10.23%	3	3.41%	13	14.77%	19	21.59%	4	4.55%	88	1987
Science, General	133	29.75%	41	9.17%	26	5.82%	50	11.19%	53	11.86%	32	7.16%	46	10.29%	57	12.75%	9	2.01%	447	1982
4 Mathematics	172	19.41%	36	4.06%	26	2.93%	47	5.30%	71	8.01%	98	11.06%	171	19.30%	221	24.94%	44	4.97%	886	1994
Physical Sciences	250	16.46%	90	5.92%	125	8.23%	136	8.95%	248	16.33%	197	12.97%	267	17.58%	158	10.40%	48	3.16%	1,519	1988
4 Life Sciences	421	19.98%	235	11.15%	226	10.73%	252	11.96%	225	10.68%	174	8.26%	290	13.76%	238	11.30%	46	2.18%	2,107	1983
Anatomy, Physiology, & Microbiology	35	7.95%	21	4.77%	22	5.00%	21	4.77%	34	7.73%	54	12.27%	139	31.59%	95	21.59%	19	4.32%	440	1996
4 Medicine	210	7.73%	131	4.82%	243	8.95%	256	9.43%	218	8.03%	344	12.67%	731	26.91%	450	16.57%	133	4.90%	2,716	1994
Therapeutics & Pharmacology	4	2.19%	2	1.09%	2	1.09%	5	2.73%	5	2.73%	11	6.01%	86	46.99%	45	24.59%	23	12.57%	183	1998
Nursing	18	4.27%	3	0.71%	6	1.42%	18	4.27%	7	1.66%	22	5.21%	155	36.73%	124	29.38%	69	16.35%	422	1999
Other Systems of Medicine	1	6.67%	0	0.00%	1	6.67%	0	0.00%	0	0.00%	3	20.00%	5	33.33%	2	13.33%	3	20.00%	15	1998
Science Subtotal	1,257	14.25%	570	6.46%	682	7.73%	796	9.02%	870	9.86%	938	10.63%	1,903	21.57%	1,409	15.97%	398	4.51%	8,823	1991
Agriculture	158	21.12%	94	12.57%	84	11.23%	99	13.24%	106	14.17%	60	8.02%	85	11.36%	50	6.68%	12	1.60%	748	1981
Technology - General	34	14.23%	16	6.69%	23	9.62%	27	11.30%	19	7.95%	29	12.13%	41	17.15%	42	17.57%	8	3.35%	239	1990
Engineering: General, Civil, Construction	27	6.62%	27	6.62%	31	7.60%	43	10.54%	47	11.52%	65	15.93%	84	20.59%	66	16.18%	18	4.41%	408	1992
Engineering: Mechanical	5	7.14%	7	10.00%	12	17.14%	14	20.00%	9	12.86%	1	1.43%	13	18.57%	6	8.57%	3	4.29%	70	1983
Engineering: Electrical	18	7.53%	16	6.69%	11	4.60%	25	10.46%	12	5.02%	17	7.11%	44	18.41%	80	33.47%	16	6.69%	239	1997
Engineering: Automotive, Aeronautical	47	23.50%	31	15.50%	33	16.50%	15	7.50%	27	13.50%	13	6.50%	16	8.00%	16	8.00%	2	1.00%	200	1978
Mining, Metallurgy, Chem. Tech	14	15.73%	9	10.11%	7	7.87%	18	20.22%	4	4.49%	3	3.37%	19	21.35%	13	14.61%	2	2.25%	89	1984
Manufactures & Handicrafts	32	11.43%	82	29.29%	72	25.71%	32	11.43%	24	8.57%	14	5.00%	17	6.07%	7	2.50%	0	0.00%	280	1976
5 Home Economics	21	11.86%	23	12.99%	11	6.21%	20	11.30%	28	15.82%	24	13.56%	25	14.12%	24	13.56%	1	0.56%	177	1987
Technology Subtotal	356	14.53%	305	12.45%	284	11.59%	293	11.96%	276	11.27%	226	9.22%	344	14. <b>0</b> 4%	304	12.41%	62	2.53%	2,450	1984
Total	19,346	28.51%	7,126	10.50%	6,825	10.06%	6,422	9.46%	5,910	8.71%	5,376	7.92%	8,023	11.82%	7,140	10.52%	1696	2.50%	67,864	1980

		2002		2007	
Subject	School	Age	Rank	Age	Rank
Humanities	Brevard	31	4	31	4
	Edison	31	4	33	5
	Gulf Coast	31	4	34	6
	Indian River	30	3	27	2
	Manatee	28	2	28	3
	Pasco-Hernando	21	1	20	1
	Pensacola	33	5	34	6
	Seminole	28	2	28	3
	Tallahassee	30	3	27	2
Social Science	Brevard	20	2	15	1
	Edison	24	5	25	7
	Gulf Coast	20	2	27	8
	Indian River	13	1	16	2
	Manatee	23	4	17	3
	Pasco-Hernando	22	3	19	4
	Pensacola	29	7	28	9
	Seminole	25	6	20	5
	Tallahassee	25	6	22	6
Sciences	Brevard	15	4	13	3
Ociciices	Edison	14	3	16	5
	Gulf Coast	14	4	13	3
	Indian River	13	2	11	2
	Manatee	15	4	14	4
	Pasco-Hernando	15	4	14	3
	Pensacola	22	4 5	22	6
	Seminole	15	4	13	3
	Tallahassee	12	1	10	1
Technology	Brevard	21	4	9	1
rechnology	Edison	20	3	23	6
	Gulf Coast	20	4	23	6
	Indian River	21	4 5	16	4
	Manatee	22	3	21	5
	Pasco-Hernando	20		23	_
	Pensacola	24	6 7	23	6 7
	Seminole	18	2	15	3
					2
0	Tallahassee	10	1	11	
Group Average	Brevard	23	3	18	1
	Edison	25	5	22	3
	Gulf Coast	23	3	28	5
	Indian River	19	1	22	3
	Manatee	24	4	23	4
	Pasco-Hernando	20	2	19	2
	Pensacola	29	6	29	6
	Seminole	25	5	22	3
	Tallahassee	24	4	18	1

### Peer Group Two: Monographic Bibliographic Records With Median Age Rank