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ABSTRACT

A survey of 2,338 students entering Kapiolani Community College (KCC), Hawaii, in Fall 1980 was conducted during registration to determine students' educational objectives and to assess the financial, employment, and academic factors that may affect college success. The survey instrument asked students to indicate their: (1) reasons for attending college and choosing KCC; (2) career and degree goals; (3) work experience in their fields of interest; (4) degree of concern about college expenses; (5) sources of financial support; (6) present employment status; (7) average grade in high school; (8) perceptions of their preparation in eight curricular areas; and (9) perceptions of the likelihood of selected events, such as attaining a degree, utilizing counseling services, or finding work in their major field. Selected findings, based on 1,573 usable returned questionnaires, indicate that 62% of the students were female, 70% were 21 years old or younger, and 57% were attending full-time. Most respondents (68%) were preparing for a career, 33% intended to earn a bachelors degree, and 58% were relying upon wages and savings for financial support while in school. Only 10% of the respondents felt they were inadequately prepared in the areas of reading and writing, and most students felt they had a good chance of attaining a B average. The study report details methodology and findings. (JF)

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RESULTS OF THE
FALL 1980 ENTERING STUDENT SURVEY

Report 7
Student Flow Program

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October 1980

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2. Plan for Analysis

While we recognized that registration is often a hectic and bewildering experience for entering students, we again opted to contact the entering students at that time. Since measures were taken to improve the collection of the surveys, we were optimistic and hoped for a return rate close to 85 percent. No follow-up was planned.

The plan for analysis included (a) tests of representativeness, i.e., comparing respondents and non-respondents on the following characteristics: sex, entry age, enrollment status, educational objective, program, and entry status; (b) cross tabulations of responses by program and any of the above characteristics on which respondents are representative of the total. Chi-square analysis was to be applied through the use of the Statistical Package for the Social Sciences (SPSS). Results are disregarded when more than one-fourth of the expected frequencies are under five.

Finally, all questionnaires, with an indication only of the students' majors, would be returned to the chairmen of the various instructional programs. This was to be done while the report was being prepared to give this group of administrators early feedback about how students in their programs responded to the survey.

3. Organization of this Report

The remainder of this report contains a discussion of each of the following:

- conduct of the survey
- returns
- findings
- concluding comments

While responses to each item in the survey (see Appendix A for a copy) are summarized in the section on findings, Appendices B and C include further details for all items by program only. Details, by sex, are available in the institutional research unit. Interested campus personnel are encouraged to study these data.

B. Conduct of the Survey

As planning for the Fall 1980 Entering Student Survey progressed, it was evident that the institutional research unit would need help from other campus personnel, particularly in Student Services, as well as off-campus personnel.

1. Identification of Entering Students

Identification of entering students was done with computer support through the Management Systems Office (MSO) of the University of Hawaii. The data base maintained there was used to prepare a set of labels which were then affixed to the surveys by student workers from the Office of Admissions and Records. The "labeled surveys" were then placed in the appropriate registration packets for distribution.

2. Administration of Entering Student Survey

On August 20 and 21, each entering student received the survey, accompanied by an explanatory note, in his/her registration packet.

Of 1,972 surveys returned, all but 15 came from students as they completed their registration and paid their fees. Student Services personnel were involved in this phase: both encouraging the students to fill out the questionnaires and then collecting them.

The surveys were edited and were coded according to predetermined codes. They were then keypunched by the University's Computing Center.

C. The Returns

During the editing and coding process, 49 surveys were found to be either blank or lacking an identification number (15). We could not use the latter surveys because there would be no way of summarizing their responses on the basis of group characteristics.

1. Percentage of Returns

While 1,923 surveys were taken for keypunching, only 1,573 (67 percent) matched registration records for entering students. Since procedures for registration assign new, transfer, and returning students to register as a group, it is possible that the "extra" surveys came from returning students or from entering students no longer registered in the third week of the semester when the preliminary enrollment count is taken.

2. Representativeness of Respondents

Data on the representativeness of returns are found in Table 1. Respondents did not differ significantly from non-respondents on only one characteristic: sex.

TABLE 1
 REPRESENTATIVENESS DATA
 ENTERING STUDENT SURVEY
 KAPIOLANI COMMUNITY COLLEGE
 FALL 1980

Characteristics ^a	Entering Student Population		Respondents		Non-Respondents	
	No.	V%	No.	V%	No.	V%
TOTAL	2338	100.0	1573	100.0	765	100.0
PROGRAM***						
Liberal Arts	1033	44.2	694	44.1	339	44.3
Business	574	24.6	427	27.1	147	19.2
Food Svc and Hoper ^b	344	14.7	253	16.1	91	11.9
Health Services	99	4.2	57	3.6	42	5.5
Legal Assistant	30	1.3	10	0.6	20	2.6
Unclassified	256	10.9	130	8.3	126	16.5
SEX^c						
Female	1454	62.2	980	62.3	474	62.0
Male	876	37.5	587	37.3	289	37.8
AGE***						
Below 19 years	870	37.2	669	42.5	201	26.3
19-21 years	641	27.4	417	26.5	224	29.3
22-24 years	269	11.5	163	10.4	106	13.9
25-29 years	288	12.3	163	10.4	125	16.3
Over 29 years	268	11.5	160	10.2	108	14.1
ENROLLMENT STATUS***						
Full-time	1218	52.1	896	57.0	322	42.1
Part-time	1120	47.9	677	43.0	443	57.9
EDUCATIONAL OBJECTIVE***						
None	255	10.9	130	8.3	125	16.3
Certificate	289	12.4	206	13.1	83	10.8
AS	754	32.2	536	34.1	218	28.5
AA	1037	44.4	698	44.4	339	44.3
ENTRY STATUS***						
New	1656	70.8	1155	73.4	501	65.5
Transfer	682	29.2	418	26.6	264	34.5

^aLevels of significance, based on chi-square analysis, are denoted thus: * .05, ** .01, *** .001.

^bThe Food Services and Hospitality Education Department was officially established beginning Fall 1980. At this time, the hotel operations program was transferred; prior to this time, it was in Business.

^cOmitted from the table are 8 students who provided no data on their sex.

Higher proportions of the following groups were found among the respondents¹ than the entering student population:

- business majors (27% vs 25%)
- students below 19 years (43% vs 37%)
- full-time students (57% vs 52%)
- AS degree students (34% vs 32%)
- new students (73% vs 71%)

D. Findings

The results of the Fall 1980 Entering Student Survey are presented in two sections. The first deals generally with items related to the college plans of entering students, e.g., their reasons for coming to college and for selecting Kapiolani Community College, their plans regarding highest degree and occupation, and their work experience. The second section relates to factors which may affect college success and includes data on financial concerns and sources of support, present employment, approximate high school grade point average and self-perceptions regarding previous preparation in various areas (math, science, study skills, etc.), and selected events (attend classes regularly, change major, find a job in field of study, etc.).

1. Nature of College Plans

Five items in the survey dealt with the nature of the student's college plans. For convenience, the items will be discussed in chronological order as they appeared in the survey.

¹The data also show that there were 10 (out of 30) legal assistant students who responded to the survey and that not all of the 10 responded to each item. This should be borne in mind in interpreting the findings which follow. High proportions of surveys from legal assistant majors were returned completely blank (4) or without an identification number (12).

- a. Reasons for Attending College (Item 1)--Data are reported in two ways: the single most important reason and all reasons for attending college.²

The following three responses were selected most often as the single most important reason for attending college (Appendix B, Table B-1):

579	47%	prepare for a career
266	22%	get a certificate or degree
225	18%	transfer to a four-year college

While attending college to prepare for a career was the single most important reason among respondents in all programs, this was especially true for vocational education majors in health (61%), food services and hotel operations (55%), and business (52%).

Unlike the rest of the respondents, but as expected, greater proportions of liberal arts majors indicated transfer to a four-year college (31%) ahead of getting a certificate or degree (18%).

The tallies of all reasons for attending college (Appendix B, Table B-1) reveal the same rank in choice for the great majority of items. The top five reasons were:

1075	68%	prepare for a career
917	58%	get a certificate or degree
598	38%	transfer to a four-year college
519	33%	enrich daily life
385	25%	meet people and make friends

- b. Reasons for Selecting this College (Item 2)--Data are reported in two ways: the single most important reason and all important reasons for selecting Kapiolani.²

Responses to the single most important reason differed significantly by program and by sex (Appendix B, Table B-2). The dominant responses were:

404	34%	desired courses
249	21%	close and convenient location

²It should be noted that the following numbers of students did not identify their most important reason: Item 1 = 334, Item 2 = 385.

Health majors (90%), in contrast to liberal arts majors (18%), selected Kapiolani because of the courses offered. Of importance is the proportion of unclassified students (33%) and liberal arts majors (27%) who find Kapiolani's location close and convenient.

The tallies of all reasons for selecting KCC (Appendix B, Table B-2) reveal the following top five reasons:

709	45%	close and convenient location ³
680	43%	desired courses
487	31%	low tuition
377	24%	advice of former students, friends
354	23%	good reputation of KCC

c. Choice of Career/Occupation (Item 5)

Students were asked to indicate their choice of career or occupation. (Appendix B, Table B-3). The top two responses were:

263	17%	clerical
255	16%	service, including food and beverage and health assisting occupations

Noteworthy is the fact that 503 students (32%) did not identify the career or occupation they plan to enter. This was especially true of liberal arts majors (345 students).

d. Intention on Highest Degree (Item 6)

Students differed significantly by sex only on the highest college degree they planned to seek (Appendix B, Table B-4). Degree aspirations of the respondents were:

221	16%	certificate
288	20%	associate
471	33%	bachelor's
266	19%	master's
81	6%	doctor's

³In addition, students were asked to designate which campus had a "close and convenient location." Of 709 responses, the results were: no designation, 22%; Pensacola, 61%; Diamond Head, 17%.

One-third of the respondents indicated that a bachelor's degree was their goal, this was especially true for more males (35%) than females (32%). Percentages for the other degrees being sought are: certificate or associate degree (females, 40%; males, 27%) and post-baccalaureate degree (females, 21%; males, 30%).

As expected, aspirations of liberal arts majors were for the higher degrees: bachelor's (43%) and post-baccalaureate (35%). However, 15 percent of the vocational education majors also held post-baccalaureate degree aspirations.

e. Work Experience in Major Field (Item 8)

Students were asked to indicate whether they have worked in their field of study. Data show that responses differed by program only. (Appendix B, Table B-5). The responses were:

952	64%	no
237	16%	yes, right now
198	13%	yes, but not right now
111	7%	can't answer (uncertain about major)

Higher proportions of majors in health (70%), liberal arts (68%) and business (65%) have had no work experience in their field of study. In contrast are legal assistant majors (60%), food services and hotel operations majors (42%) and unclassified students (38%) who have had previous or current work experience in their field of study.

2. Selected Factors Which May Affect College Success

The remaining six items in the survey are selected factors which may affect college success. Again for convenience, the items will be discussed in chronological order, as they appeared in the survey, except Item 9 which is discussed last.

a. Concern About College Expenses (Item 3)

Students were asked to indicate whether they were "worried about paying for their tuition, books, and supplies." Their responses were:

1029	66%	not worried
405	26%	somewhat worried
73	5%	worried and asked for financial aid
48	3%	worried but did not ask for financial aid

Students, by program and by sex, did not differ significantly in their response. (Appendix C, Table C-1).

b. Source(s) of Financing First Year of College (Item 4)

Students identified all the sources of financing their first year of college (multiple responses accepted) with the following results:

906	58%	job and/or savings
667	42%	parents and/or relatives, including spouses
123	8%	financial aid from the college
158	10%	benefits (GI, social security, etc.)

We should note that the top two sources of financing for students in all programs, except legal assisting, were job/savings and parents/relatives, including spouses. For further details, by program, see Appendix C, Table C-2.

c. Present Employment Status (Item 7)--Data are reported in two ways: work status now and where the job was located.

Students were asked to indicate if they were "now working in a paying job." Responses differed, by program and by sex (Appendix C, Table C-3), and are presented below:

175	12%	no, I have never worked for pay
414	28%	no, but I have worked for pay in other years
601	41%	yes, part-time
292	20%	yes, full-time

About three-fifths of the respondents indicated that they were now working (41% part-time and 20% full-time), ranging from legal assistant majors (78%) and unclassified students (71%) to health majors (37%). More males (66%) than females (56%) are currently working.

Although 30 percent of this group of respondents did not indicate the type of job they held, the jobs of those who did respond were concentrated in three areas: service, including food and beverage handling (31%), marketing and sales (14%), and clerical positions (14%).

A majority (661) of the students who are now working indicated where their jobs were located. Their responses differed by program only (Appendix C, Table C-3) and are as follows:

6	1%	part-time, on-campus
431	65%	part-time, off-campus
3	1%	full-time, on-campus
221	33%	full-time, off-campus

A great majority (98%) of students are working off-campus. Off-campus, part-time rates ranged from health (79%) and food services and hotel operations (74%) to unclassified students (42%) and legal assisting majors (0%). Off-campus, full-time rates ranged from legal assisting (5 or 100%) to health majors (21%).

d. Approximate Average Grade in High School (Item 10)

Students were asked to approximate their average grade in high school. Their responses, which differed significantly by sex only (Appendix C, Table C-4), were:

99	7%	A (3.5 and above)
573	38%	B (3.0 - 3.4)
679	45%	C (2.0 - 2.9)
26	2%	D (1.0 - 1.9)
120	8%	No idea

Nearly one-half (45%) of the respondents estimated their high school grade average as a "C"; this was especially true for males (53%). More than half of the females (51%) indicated "A" and "B" averages.

It should be noted that legal assistant majors (90%) and health majors (61%) approximated their high school GPA in the "A" and "B" range,⁴ while the great majority of liberal arts majors (84%) rated their average in the "B" and "C" range.

⁴There are special requirements for admission to the legal assistant and most health programs.

e. Self-Perceptions Regarding Preparation in Selected Areas (Item 11)

Students were asked to rate how well prepared they felt in several areas. The results are summarized in Table 2. Responses to three (math skills, science, history/social studies) of the selected areas were found to differ significantly, by program, and also on three (math skills, science, study habits), by sex.

TABLE 2

RATINGS ON PREPARATION
IN EIGHT SELECTED AREAS
KAPIOLANI COMMUNITY COLLEGE
FALL 1980 ENTERING STUDENTS

Note: The percentages (%) are based on the number of respondents that differed from item to item, as shown in the table.

AREA	Characteristic ^a		Very Well		Adequately		Poorly		Not at All		Number of Respondents
	Prog	Sex	No.	H%	No.	H%	No.	H%	No.	H%	
Math Skills	**	*	159	11	937	65	288	20	61	4	1445
Reading	***		310	21	957	66	163	11	19	1	1449
Writing	***		240	17	984	68	202	14	20	1	1446
Science	***	***	94	7	857	60	409	29	68	5	1428
Hist/Soc Stud	**		144	10	956	67	276	20	43	3	1419
Job Skills			319	23	956	68	108	8	29	2	1412
Music/Art			216	15	713	51	340	24	130	9	1399
Study Habits	***	**	176	12	970	68	246	17	30	2	1422

^aLevels of significance, based on chi-square analysis, are denoted thus: * .05, ** .01, *** .001.

In all but two areas (science, 60%; music/art, 51%), more than three-fifths of the respondents felt their preparation was "adequate." In addition, students felt "very well" prepared in job skills (23%) and reading (21%). On the other hand, except in the area of job skills (10%), at least one-eighth of the students rated their preparation as "poor" or "not at all"; this was especially true for science (34%) and music/art (33%).

Reading and job skills were among the highest ranked areas (adequate or better preparation) for all programs, especially for health majors (98% and 93%, respectively). Table 3 presents the combined rankings for adequate or better preparation, by program. The combined rankings for music/art were the lowest for all programs except food services and hotel operations majors (science, 58%).

TABLE 3

ADEQUATE OR BETTER (COMBINED) PREPARATION
IN EIGHT SELECTED AREAS, BY PROGRAM
KAPIOLANI COMMUNITY COLLEGE
FALL 1980 ENTERING STUDENTS

Note: Percentages given are based upon the number of respondents that differed from item to item, as shown in the appendix.

AREA	Liberal Arts		Business		Health		Food/Hotel		Public Service		Unclassified	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Math Skills	481	75	317	79	50	89	164	71	6	60	78	66
Reading	559	88	348	86	55	98	190	86	10	100	105	88
Writing	540	85	338	84	55	98	178	81	10	100	103	87
Science	431	69	253	63	53	95	126	58	7	78	81	69
Hist/Soc Stud	491	79	300	76	51	91	264	75	9	100	85	74
Job Skills ^a	552	90	359	90	51	93	201	91	10	100	102	87
Music/Art ^a	422	69	247	63	43	80	142	68	5	56	70	60
Study Habits	495	80	334	85	50	89	163	75	10	100	94	81

^aOn these items only, there were no significant differences, by program. (See Table 2)

Health majors, except for music/art (80%) consistently rated their preparation favorably (at least 89%), especially in the areas of reading and writing (98%) and science (95%). Noteworthy is the fact that among health majors were the highest proportions of students who felt their preparation was "adequate or better" in all eight areas.

A few comments follow on the items on which responses showed significant differences, by sex: higher proportions of males felt their preparation was adequate or better in math (80%) and science (73%), while 83 percent of the females felt similarly prepared in their study habits.

The findings in this section highlight selected data in Appendix C, Table C-5. Campus personnel are urged to carefully study the details to obtain a clearer picture of their clientele and the demands on their programs or subject area.

f. Self-Perceptions Regarding Likelihood of Selected Events (Item 9)

Students were presented with a list of circumstances and asked to indicate their applicability or likelihood of occurrence. The responses, summarized in Table 4, show that the items fall into two groups. The first group includes six items with more than a one-third "likelihood" rate, ranging from "transfer to another college" and "find work in major field" (36%) to "attend classes regularly" (85%). About half indicated they would "make at least a B average" and would "be satisfied with KCC." Among items in the second group are three items with a 1% likelihood rate: "drop out temporarily," "fail one or more courses," and "drop out after one semester."

TABLE 4

SELF-PERCEPTIONS REGARDING LIKELIHOOD OF SELECTED EVENTS^a
KAPICLANI COMMUNITY COLLEGE
FALL 1980 ENTERING STUDENTS

Note: The following percentages show the proportion of students who, by checking the item, answered "yes."

"Chances are very good that you will":	Yes (total)		Range: Program		Higher Proportion: Sex
	N	%			
Total	1571	100			
Attend classes regularly	1341	85			89% female
Make at least a B average	846	54	74% health	44% food/hoper	56% female
Be satisfied with KCC	734	47	70% legal	42% unclassified	50% female
Get a degree from KCC	638	41	88% health	15% unclassified	44% female
Transfer to another college	558	36	52% liberal arts	0% legal	40% male
Change major field of study	174	11	14% liberal arts	0% legal	
Seek job counseling	299	19	21% food/hoper, business	5% health	22% female
Need tutoring	116	7			
Drop out temporarily	17	1			
Fail one or more courses	17	1			
Drop out after this semester	13	1			
Find work in major field	567	36	60% health	24% unclassified	40% female

^aRange/higher proportion given only when responses differed significantly by program or by sex.

Responses to all but one (attend class regularly) of the six top ranked items were found to differ significantly by program (Appendix C, Table C-6). Health majors seemed especially determined about the pursuit of their education at Kapiolani, as reflected by several items: "attend classes regularly" (93%), "get a degree from KCC" (88%), "make at least a B average" (74%). As expected, higher proportions of liberal arts majors planned to "transfer to another college" (52%) and "change major field of study" (14%).

Responses to all of the six top ranked items were found to differ significantly, by sex. Females had higher likelihood rates, except for "transfer to another college" (males, 40%).

The data in Table 4 represent a small fraction of what is available in Appendix C, Table C-6. Campus personnel are urged to study these details on students in their program.

E. Summary and Concluding Comments

Despite a lower rate of return (67%) than anticipated, the responses to the Fall 1980 Entering Student Survey, coupled with the characteristics for all Fall 1980 entering students⁵ and similar data for the Fall 1979 entering group, provide campus personnel with useful data in their efforts to plan and evaluate programs and services.

1. Profile of Respondents

In general, the Fall 1980 entering students who responded to the survey (the majority or plurality) were:

44%	majors in liberal arts; business, 27%
62%	females
43%	below 19 years old; 19 - 21 years, 27%
57%	full-time students
73%	new students

⁵This report is currently being prepared from files which contain official (sixth week) enrollment data.

These students also said they were:

- attending college to prepare for a career 68%
- seeking as their highest degree
 - 33% bachelor's
 - 24% post-baccalaureate
 - 20% associate
- attending KCC because of
 - 45% close and convenient location
 - 43% courses offered
- not worrying about college expenses 66%
- relying on their wages or savings for financing their first year of college 58%
- lacking experience in work related to their field of study 64%
- working
 - 41% part-time
 - 20% full-time

Another set of questions sought the self-perceptions of respondents in several areas related to their academic preparation and likelihood of selected events occurring. The respondents felt that they:

- maintained grade point averages in high school of:
 - 45% C
 - 38% B
- were adequately or better prepared in eight selected areas:
 - 90% job skills
 - 87% reading
 - 85% writing
 - 81% study habits
 - 78% history, social studies
 - 76% math skills
 - 67% science
 - 66% music, art

About a third or more of the respondents also felt that there was a very good chance of the following six (out of twelve) events taking place:

- 85% attend classes regularly
- 54% make at least a B average
- 47% be satisfied with KCC
- 41% get a degree from KCC
- 36% find work in major field
- 36% transfer to another college

2. Comparison of Fall 1980 and Fall 1979 Respondents

In general, the responses of both the Fall 1980 and Fall 1979 entering groups were similar, differing by only a few percentage points on most of the items. There were some differences, however, and these are presented below for the Fall 1980 and Fall 1979⁶ respondents, respectively:

fewer were

- below 19 years old (43% vs 50%)
- attending college to prepare for a career (68% vs 75%)
- optimistic about finding work in field of study (36% vs 40%)

more were

- attending KCC because of the close and convenient location (45% vs 39%)
- seeking post-baccalaureate degrees (24% vs 20%)
- working full-time (20% vs 16%)

⁶Due to a difference in computer programming, percentages for Fall 1979 data (as reported in KSPF Report No. 3) were recalculated for this comparison.

3. Concluding Comments

The majority of the respondents indicated goals which were serious and related to their future activities (e.g., attending college to prepare for a career, 68%). They also felt adequately prepared in many areas and indicated generally positive attitudes about their future at Kapiolani Community College. These responses may, in part, be attributed to the fact that the respondents were generally new to higher education (73%) and young (below 19 years, 43%; 19 - 21 years, 27%).

Further examination of the data shows some noteworthy relationships in responses; for example,

- while more than two-thirds of the respondents are attending college to prepare for a career (68%), few felt there was a good chance of finding work in their field of study (36%). Also, despite this pessimism, few expected to seek job counseling (19%) or to change their major (11%).
- while less than half of the respondents expected to be satisfied with KCC (47%), very few planned to drop out after this semester (1%) or drop out temporarily (1%). (Data on the Fall 1979 entering group show that only 69% returned for their second semester.)
- while many respondents expected to attend classes regularly (85%) and make at least a B average (54%), large numbers of them were working (full-time, 20%; and part-time, 41%) and few expected to need tutoring (7%).

We hope that the results of this survey will be viewed in light of all the data (in particular, the progression data⁷) already collected on the Fall 1979 entering group.

⁷Kapiolani Community College, "Fall 1979 Entering Students at the Beginning of their Second Semester (Spring 1980)," KSPF Report No. 5, July 1980.

As campus personnel study their areas of concern, perhaps such questions as the following should be explored:

- Are we doing the best job possible in making entering students aware of what is expected of them at Kapiolani Community College? When is the best time to make these expectations known: before applications or after acceptance? What techniques and information will be most effective?
- Why do so many students expect not to be satisfied with KCC? To what extent is this feeling due to the nature of entering students (i.e., the rather large numbers of students, especially liberal arts majors, expecting to transfer)? Could the negative response be a reflection of their recent registration experience? Why do relatively few select KCC because of its (good) reputation and upon the advice of former students or friends?
- Are the students attending KCC as well prepared as they perceive so as to be able to accomplish their goals with little anticipated in the way of support services? Are outreach activities necessary to familiarize students with the services that could help them to reassess their needs in the light of their goals and KCC's performance expectations?

Several items were deliberately included in the survey to test their effectiveness in predicting second-semester enrollment and first-semester grade point average. We hope that campus personnel will find all of these findings helpful. Finally, anyone who is interested in further analyzing the data is encouraged to contact the staff working on the Student Flow Program.

APPENDIX

APPENDIX A

ENTERING STUDENT SURVEY
Kapiolani Community College
Fall 1980

Dear Entering Student:

Welcome to Kapiolani Community College!

We are especially interested in getting to know our students and their needs. You can help by supplying us with information at different times during the school year to help evaluate and improve what we're doing.

After you have completed all phases of your registration, we hope you will take a few minutes to answer the Entering Student Survey. Your questionnaire has a label on it to make it easy for us to summarize the characteristics of respondents on a group basis. Responses are confidential and not reported for specific individuals.

Thank you very much for your help.

Joyce S. Tsunoda, Provost

1. Why are you coming to College? (Check all that apply; then circle the single most important reason).

- 1. get a degree or certificate
- 2. prepare for a career
- 3. increase chances for a raise and/or promotion in my present job
- 4. prepare for transfer to a four-year college
- 5. learn skills for enriching my daily life
- 6. improve my ability to get along with people
- 7. become involved in campus activities
- 8. develop self-confidence
- 9. meet people and make friends
- 10. satisfy wishes of parents

2. Which reasons were very important to you in selecting this college? (Check all that apply; then circle the single most important reason).

- 1. wishes of parents and/or other relatives
- 2. advice of teachers, counselors
- 3. good reputation of college
- 4. advice of former students, friends
- 5. this college has courses I want
- 6. low tuition
- 7. close and convenient location (8. Pensacola, 9. Diamond Head)

(Please turn over and continue)

3. Are you worried about how to pay for tuition, books, and supplies? (Check one).

1. no
 2. somewhat
 3. yes, a lot. Have you applied for financial aid? yes no

4. You will get money for your first year of college from: (Check all that apply).

1. your full-time or part-time job; and/or your savings
 2. parents and/or relatives, including spouse (husband or wife)
 3. financial aid from the college (including CWSP)
 4. GI and/or social security and other benefits
 5. other, please indicate: _____

5. What career or occupation are you planning to enter? (e.g., typist/secretary, bookkeeper, accounting clerk, cook, food service manager, LPN, medical lab technician, data processing programmer, legal assistant).

6. What is the highest degree you plan to obtain from any College? (Check one)

1. none
 2. certificate
 3. associate
 4. bachelor's
 5. master's
 6. doctor's or professional degrees
 7. other; please specify _____

7. Are you working in a paying job this semester? (Check one)

1. no; never worked for pay
 2. no; worked for pay before
 3. yes; part-time (lower than 35 hours) →
 4. yes; full-time (35 hours or more) →

If you are working, please indicate:	
Employer:	_____
Job Title:	_____
How long:	_____ years

8. Have you worked in the field you'll be majoring in? (Check one)

1. no
 2. yes; working in same field now
 3. yes; worked in the field before (but not right now)
 4. can't answer; I'm not sure what I'll major in

(Please turn over and continue)

9. The chances are very good that you will: (Check all that apply)

- 1. attend classes regularly
- 2. make at least a B average in this college
- 3. be satisfied with this college
- 4. get the degree you seek from this college
- 5. transfer to another college
- 6. change major field of study
- 7. seek counseling about what job to choose
- 8. need tutoring
- 9. temporarily stop coming to college
- 10. fail one or more courses
- 11. drop out after this semester
- 12. find a job in your field of study after graduation

10. Your average grade in high school was approximately: (Check one)

- 1. A (3.5 and above)
- 2. B (3.0 - 3.4)
- 3. C (2.0 - 2.9)
- 4. D (1.0 - 1.9)
- 5. no idea

11. How well prepared do you feel in the following areas: (Check one response for each area:

Area	1. Not at all	2. Poorly	3. Adequately	4. Very Well
1. math skills				
2. reading				
3. writing				
4. science				
5. history, social studies				
6. job skills				
7. music and/or art skills				
8. study habits				

Please turn in your survey to the monitor before you leave.

Mahalo!

APPENDIX B

TABLES RELATED TO NATURE OF COLLEGE PLANS

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TABLE B-1

REASONS FOR ATTENDING COLLEGE
KAPIOLANI COMMUNITY COLLEGE
FALL 1980 ENTERING STUDENTS

MOST IMPORTANT REASON	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOTEL	PUBLIC SERVICE	UNCLAS- SIFIED	
		1	2	3	4	5	6	
GET CERT-DEGREE	1	98 17.8	80 24.1	17 34.7	55 28.2	1 16.7	15 14.2	266 21.5
PREP FOR CAREER	2	229 41.6	172 51.8	30 61.2	101 55.4	3 50.0	37 34.9	579 46.7
RAISE - PROMOTION	3	6 1.5	27 8.1	0 0.0	5 2.6	2 33.3	23 21.7	65 5.2
TRANSFER 4-YR COL	4	172 31.2	24 7.2	1 2.0	10 5.1	0 0.0	18 17.0	225 18.2
ENRICH LIFE	5	25 4.5	15 4.5	1 2.0	12 6.2	0 0.0	13 12.3	66 5.3
GET ALONG-PEOPLE	6	3 0.5	3 0.9	0 0.0	1 0.5	0 0.0	0 0.0	7 0.6
DEV. CONFIDENCE	8	3 0.5	4 1.2	0 0.0	0 0.0	0 0.0	0 0.0	7 0.6
MEET PEOPLE	9	4 0.7	2 0.6	0 0.0	1 0.5	0 0.0	0 0.0	7 0.6
SATISFY PARENTS	10	9 1.6	5 1.5	0 0.0	3 1.5	0 0.0	0 0.0	17 1.4
COLUMN TOTAL		551 44.5	332 26.8	49 4.0	195 15.7	6 0.5	106 8.6	1239 100.0

30 OUT OF 54 (55.6%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
 MINIMUM EXPECTED CELL FREQUENCY = 0.034
 RAW CHI SQUARE = 240.15395 WITH 40 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000
 NUMBER OF MISSING OBSERVATIONS = 334

ALL REASONS FOR ATTENDING COLLEGE

	GET DEGREE OR CERT.	PREPARE FOR CAREER	RAISE- PROMOTION	TRANSFER 4-YR COL	ENRICH LIFE	TOTAL
LIB ARTS	350 51.5	447 64.4	66 12.3	394 56.7	200 29.9	
BUSINESS	284 66.5	318 74.4	107 25.0	97 22.7	140 34.8	
HEALTH	41 71.9	43 75.4	6 10.5	7 12.2	18 31.5	
FS-HOTEL	171 67.5	192 75.8	56 22.1	53 20.9	95 37.5	
PUB. SER	8 80.0	7 70.0	4 40.0		3 30.0	
UNCLASS.	55 42.3	68 52.3	30 23.0	47 36.1	46 35.3	
TOTAL	917 58.3	1075 68.4	289 18.3	598 38.0	519 33.0	

	GET ALONG W/ PEOPLE	CAMPUS ACTIVITIES	DEVELOP CONFIDENCE	MEET PEOPLE	SATISFY PARENTS	TOTAL
LIB ARTS	111 15.9	45 6.4	127 18.3	161 23.1	111 15.9	2048
BUSINESS	76 17.7	37 8.6	102 23.8	107 25.0	73 17.0	1350
HEALTH	7 12.2	2 3.5	7 12.2	9 15.7	2 3.5	142
FS-HOTEL	41 16.2	20 7.9	56 22.1	80 31.6	42 16.6	806
PUB. SER	2 20.0		4 40.0	2 20.0		30
UNCLASS.	21 16.1	7 5.3	26 20.0	26 20.0	5 3.8	331
TOTAL	258 16.4	111 7.0	322 20.4	385 24.5	233 14.8	4707

TABLE B-2

REASONS FOR SELECTING KAPIOLANI
KAPIOLANI COMMUNITY COLLEGE
FALL 1980 ENTERING STUDENTS

MOST IMPORTANT REASON	COUNT COL	PCT	ORGSTAC						ROW TOTAL
			LIBERAL ARTS	BUSINESS	HEALTH SERVICES & HOPE	FOOD SVC	PUBLIC SERVICE	UNCLAS-SIFIED	
			1	2	3	4	5	6	
PARENT'S WISHES	1		29 5.6	19 5.8	0 0.0	8 4.5	0 0.0	3 2.9	59 5.0
TEACHER'S ADVICE	2		70 13.4	32 9.8	1 2.0	26 14.5	0 0.0	5 4.9	134 11.3
GOOD REPUTATION	3		54 10.4	31 9.5	1 2.0	24 13.4	0 0.0	2 2.0	112 9.4
FORMER STUDENTS	4		57 10.9	26 7.9	2 4.0	9 5.0	1 12.5	6 5.9	101 8.5
DESIRED COURSES	5		91 17.5	140 42.7	45 90.0	84 46.9	6 75.0	38 37.3	404 34.0
LOW TUITION	6		77 14.8	30 9.1	0 0.0	7 3.9	1 12.5	14 13.7	129 10.9
GOOD LOCATION	7		143 27.4	50 15.2	1 2.0	21 11.7	0 0.0	34 33.3	249 21.0
		COLUMN TOTAL	521 43.9	328 27.6	50 4.2	179 15.1	8 0.7	102 8.6	1188 100.0

10 OUT OF 42 (23.8%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.397
RAW CHI SQUARE = 210.53496 WITH 30 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0
NUMBER OF MISSING OBSERVATIONS = 385

ALL REASONS FOR SELECTING KAPIOLANI

	WISHES OF PARENTS		ADVICE OF TEACHERS		REPUTATION OF COLLEGE		FORMER STUDENTS		GOOD LOCATION		DESIRED COURSES		LOW TUITION		TOTAL
LIB ARTS	82	11.8	158	22.7	144	20.7	184	26.5	340	48.9	172	24.7	231	33.2	1311
BUSINESS	50	11.7	83	19.4	104	24.3	91	21.3	185	43.3	239	55.9	132	30.9	884
HEALTH			3	5.2	5	8.7	6	10.5	8	14.0	52	91.2	9	15.7	83
FS-HOTEL	37	14.6	76	30.0	80	31.6	72	28.4	98	38.7	154	60.8	60	23.7	577
PUB. SER			1	10.0	3	30.0	1	10.0	1	10.0	9	90.0	4	40.0	19
UNCLASS.	14	10.7	17	13.0	18	13.8	23	17.6	77	59.2	54	41.5	51	39.2	254
TOTAL	183	11.6	338	21.5	354	22.5	377	23.9	709	45.1	680	43.2	487	30.9	3128

TABLE B-3

CHOICE OF CAREER/OCCUPATION
KAPIOLANI COMMUNITY COLLEGE
FALL 1980 ENTERING STUDENTS

	COUNT	ORGSTRC						RDW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOOPER	PUBLIC SERVICE	UNCLAS- SIFIED	
		1	2	3	4	5	6	
NO DATA	1	345	52	1	41	1	63	503 32.0
EXECUTIVE, ADMIN	2	41	57	0	5	0	8	111 7.1
ENG. ARCHITECT	3	8	0	0	0	0	1	9 0.6
NAT. SCI.. MATH	4	2	7	0	1	0	1	11 0.7
SOCIAL WORK, LAW	5	32	0	0	0	1	3	36 2.3
HLTH DIAG-TREAT	6	11	1	0	0	0	0	12 0.8
RN, PHARMACIST	7	23	0	0	0	0	2	25 1.6
ARTIST, ENTER.	8	24	1	0	0	0	5	30 1.9
HEALTH TECH.	9	58	2	48	1	0	10	119 7.6
TECH.--NOT HEALTH	10	59	72	0	2	8	11	152 9.7
MARKETING, SALES	11	11	12	0	1	0	4	28 1.8
CLERICAL	12	28	214	0	6	0	15	263 16.7
SERVICE	13	38	9	8	196	0	4	255 16.2
AGRIC., FISHING	14	2	0	0	0	0	0	2 0.1
TRANS., MOVING	16	2	0	0	0	0	1	3 0.2
MECHANIC, REPAIR	17	1	0	0	0	0	0	1 0.1
MILITARY	20	1	0	0	0	0	0	1 0.1
MISCELLANEOUS	21	8	0	0	0	0	2	10 0.6
COLUMN TOTAL		694 44.2	427 27.2	57 3.6	253 16.1	10 0.6	130 8.3	1571 100.6

NUMBER OF MISSING OBSERVATIONS = 2

TABLE B-4

INTENTION ON HIGHEST DEGREE
KAPIOLANI COMMUNITY COLLEGE
FALL 1980 ENTERING STUDENTS

	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOOPER*	PUBLIC SERVICE	UNCLAS- SIFIED	
		1	2	3	4	5	6	
NONE	1	35 5.6	25 6.3	2 3.7	14 6.2	0 0.0	25 21.9	101 7.1
CERTIFICATE	2	40 6.4	83 20.9	14 25.9	68 30.1	1 10.0	15 13.2	221 15.5
ASSOCIATE	3	63 10.0	127 32.0	14 25.9	70 31.0	3 30.0	11 9.6	283 20.2
BACHELOR	4	269 42.8	99 24.9	18 33.3	45 19.9	3 30.0	37 32.5	471 33.0
MASTER'S	5	164 26.1	53 13.3	3 5.6	26 11.5	2 20.0	18 15.8	266 18.6
DOCTOR'S	6	57 9.1	2 0.3	3 5.6	3 1.3	1 10.0	8 7.0	81 5.7
OTHER	7	0 0.0	1 0.3	0 0.0	0 0.0	0 0.0	0 0.0	1 0.1
COLUMN TOTAL		628 43.9	397 27.8	54 3.6	226 15.8	10 0.7	114 8.0	1429 100.0

14 CUT OF 42 (33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
 MINIMUM EXPECTED CELL FREQUENCY = 0.007
 RAW CHI SQUARE = 303.17065 WITH 30 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0
 NUMBER OF MISSING OBSERVATIONS = 144

TABLE B-5

WORK EXPERIENCE IN MAJOR FIELD
KAPIOLANI COMMUNITY COLLEGE
FALL 1980 ENTERING STUDENTS

	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOOPER*	PUBLIC SERVICE	UNCLAS- SIFIED	
		1	2	3	4	5	6	
NC	1	449 67.6	270 65.1	39 69.6	133 57.3	4 40.0	57 47.1	952 63.6
YES-RIGHT NOW	2	74 11.1	62 14.9	6 10.7	62 26.7	4 40.0	29 24.0	237 15.8
YES-BEFORE	3	62 9.3	71 17.1	10 17.9	36 15.5	2 20.0	17 14.0	198 13.2
CAN'T ANSWER	4	79 11.9	12 2.9	1 1.8	1 0.4	0 0.0	18 14.9	111 7.4
COLUMN TOTAL		664 44.3	415 27.7	56 3.7	232 15.5	10 0.7	121 8.1	1498 100.0

4 CUT OF 24 (16.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
 MINIMUM EXPECTED CELL FREQUENCY = 0.741
 RAW CHI SQUARE = 117.68073 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000
 NUMBER OF MISSING OBSERVATIONS = 75

APPENDIX C

TABLES RELATED TO
SELECTED FACTORS WHICH MAY AFFECT COLLEGE SUCCESS

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TABLE C-1

CONCERN ABOUT COLLEGE EXPENSES
KAPIOLANI COMMUNITY COLLEGE
FALL 1980 ENTERING STUDENTS

	COUNT COL PCT	DRGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOTEL	PUBLIC SERVICE	UNCLAS- SIFIED	
		1	2	3	4	5	6	
NO	1	461 66.8	280 66.2	35 63.6	160 64.5	6 60.0	87 67.4	1029 66.2
SOMEWHAT	2	180 26.4	107 25.3	15 27.3	72 29.0	2 20.0	29 22.5	405 26.0
YES-ASKD FOR AID	3	29 4.2	22 5.2	3 5.5	10 4.0	2 20.0	7 5.4	73 4.7
YES-DID NOT ASK	4	20 2.9	14 3.3	2 3.6	6 2.4	0 0.0	6 4.7	48 3.1
COLUMN TOTAL		690 44.4	423 27.2	55 3.5	248 15.9	10 0.6	129 8.3	1555 100.0

6 OUT OF 24 (25.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.309
RAW CHI SQUARE = 9.94398 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.8232

NUMBER OF MISSING OBSERVATIONS = 18

TABLE C-2

SOURCE(S) OF FINANCING FIRST YEAR OF COLLEGE
KAPIOLANI COMMUNITY COLLEGE
FALL 1980 ENTERING STUDENTS

	JOB- SAVINGS	PARENTS RELATIVES	COLLEGE FIN. AID	GI.FICA BENEFITS	OTHER	TOTAL
LIB ARTS	375 54.0	321 46.2	50 7.2	76 10.9	21 3.0	843 121.4
BUSINESS	265 62.0	176 41.2	42 9.8	34 7.9	14 3.2	531 124.3
HEALTH	31 54.3	31 54.3	4 7.0	2 3.5	2 3.5	70 122.8
FS-HOTEL	142 56.1	100 39.5	20 7.9	36 14.2	11 4.3	309 122.1
PUB. SER	7 70.0	1 10.0	1 10.0	1 10.0		10 100.0
UNCLASS.	86 66.1	38 29.2	6 4.6	9 6.9	6 4.6	145 111.5
TOTAL	906 57.6	667 42.4	123 7.8	158 10.0	54 3.4	1908 121.4

TABLE C-3

PRESENT EMPLOYMENT STATUS
KAPIOLANI COMMUNITY COLLEGE
FALL 1980 ENTERING STUDENTS

EMPLOYMENT STATUS	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOPE*	PUBLIC SERVICE	UNCLAS- SIFIED	
		1	2	3	4	5	6	
NO-NEVER WORKED	1	90 13.6	46 11.3	2 3.5	25 11.0	1 11.1	11 9.1	175 11.8
NO-WORKED BEFORE	2	173 26.2	116 28.4	34 59.6	66 29.1	1 11.1	24 19.8	414 27.9
YES - PARTTIME	3	279 42.3	167 40.9	18 31.6	96 42.3	0 0.0	41 33.9	601 40.6
YES - FULLTIME	4	118 17.9	79 19.4	3 5.3	40 17.6	7 77.8	45 37.2	292 19.7
COLUMN TOTAL		660 44.5	403 27.5	57 3.8	227 15.3	9 0.6	121 8.2	1482 100.0

4 OUT OF 24 (16.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 1.063
RAW CHI SQUARE = 79.92101 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000
NUMBER OF MISSING OBSERVATIONS = 91

ON OR OFF CAMPUS	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOPE*	PUBLIC SERVICE	UNCLAS- SIFIED	
		1	2	3	4	5	6	
PARTTIME ON CAM	1	4 1.4	2 1.0	0 0.0	0 0.0	0 0.0	0 0.0	6 0.9
PARTTIME OFF CAM	2	199 68.2	124 64.2	11 78.6	72 73.5	0 0.0	25 42.4	431 65.2
FULLTIME ON CAM	3	1 0.3	0 0.0	0 0.0	0 0.0	0 0.0	2 3.4	3 0.5
FULLTIME OFF CAM	4	88 30.1	67 34.7	3 21.4	26 26.5	5 100.0	32 51.2	221 33.4
COLUMN TOTAL		292 44.2	193 29.2	14 2.1	98 14.8	5 0.8	59 8.9	661 100.0

15 OUT OF 24 (62.5%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.023
RAW CHI SQUARE = 42.12328 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0002
NUMBER OF MISSING OBSERVATIONS = 234

TABLE C-4

APPROXIMATE HIGH SCHOOL GPA
KAPIOLANI COMMUNITY COLLEGE
FALL 1980 ENTERING STUDENTS

COUNT	COL PCT	ORGSTRC	LIBERAL ARTS						ROW TOTAL
			1	2	3	4	5	6	
3.5 & ABOVE	1		35 5.3	29 7.0	7 13.0	11 4.7	2 20.0	15 12.7	99 6.6
B 3.0 - 3.4	2		233 35.0	188 45.1	26 46.1	71 30.6	7 70.0	48 40.7	573 38.3
C 2.0 - 2.9	3		324 48.6	174 41.7	19 35.2	122 52.6	1 10.0	39 33.1	679 45.4
D 1.0 - 1.9	4		13 2.0	5 1.2	0 0.0	6 2.6	0 0.0	2 1.7	26 1.7
NO IDEA	5		61 9.2	21 5.0	2 3.7	22 9.5	0 0.0	14 11.9	120 8.0
COLUMN TOTAL			666 43.5	417 27.9	54 3.6	232 15.5	10 0.7	118 7.9	1497 100.0

10 OUT OF 33 (30.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.174
RAW CHI SQUARE = 57.39656 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 76

SELF-PERCEPTIONS REGARDING PREPARATION IN SELECTED AREAS
KAPIOLANI COMMUNITY COLLEGE
FALL 1980 ENTERING STUDENTS

	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOOPER*	PUBLIC SERVICE	UNCLAS- SIFIED	
		1	2	3	4	5	6	
MATH SKILLS								
NOT AT ALL	1	23 3.6	19 4.8	0 0.0	11 4.9	0 0.0	8 6.8	61 4.2
POORLY	2	135 21.1	63 15.8	6 10.7	48 21.5	4 4.0	32 27.1	288 19.9
ADEQUATELY	3	425 66.5	253 63.4	43 76.8	149 66.8	4 40.0	63 53.4	937 64.8
VERY WELL	4	56 8.8	64 16.0	7 12.5	15 6.7	2 20.0	15 12.7	159 11.0
COLUMN TOTAL		639 44.2	399 27.6	56 3.9	223 15.4	10 0.7	118 8.2	1445 100.0

5 OUT OF 24 (20.8%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.422
RAW CHI SQUARE = 39.47383 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0005
NUMBER OF MISSING OBSERVATIONS = 128

	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOOPER*	PUBLIC SERVICE	UNCLAS- SIFIED	
		1	2	3	4	5	6	
READING								
NOT AT ALL	1	9 1.4	7 1.7	0 0.0	1 0.5	0 0.0	2 1.7	19 1.3
POORLY	2	71 11.1	49 12.1	1 1.8	30 13.6	0 0.0	12 10.1	163 11.2
ADEQUATELY	3	423 66.2	277 68.6	32 57.1	157 71.0	5 50.0	63 52.9	957 66.0
VERY WELL	4	136 21.3	71 17.6	23 41.1	33 14.9	5 50.0	42 35.3	310 21.4
COLUMN TOTAL		639 44.1	404 27.9	56 3.9	221 15.3	10 0.7	119 8.2	1449 100.0

6 OUT OF 24 (25.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.131
RAW CHI SQUARE = 47.06393 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000
NUMBER OF MISSING OBSERVATIONS = 124

	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOOPER*	PUBLIC SERVICE	UNCLAS- SIFIED	
		1	2	3	4	5	6	
WRITING								
NOT AT ALL	1	11 1.7	5 1.2	0 0.0	3 1.4	0 0.0	1 0.8	20 1.4
POORLY	2	88 13.8	59 14.7	1 1.8	39 17.7	0 0.0	15 12.6	202 14.0
ADEQUATELY	3	435 68.1	285 70.9	38 67.9	153 69.5	5 50.0	68 57.1	984 68.0
VERY WELL	4	105 16.4	53 13.2	17 30.4	25 11.4	5 50.0	35 29.4	240 16.6
COLUMN TOTAL		639 44.2	402 27.8	56 3.9	220 15.2	10 0.7	119 8.2	1446 100.0

6 OUT OF 24 (25.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.138
RAW CHI SQUARE = 46.10106 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0001
NUMBER OF MISSING OBSERVATIONS = 127

TABLE C-5 (continued)

SCIENCE	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOPE*	PUBLIC SERVICE	UNCLAS- SIFIED	
		1	2	3	4	5	6	
NOT AT ALL	1	21 3.3	21 5.3	1 1.8	15 6.8	0 0.0	10 8.5	68 4.8
POORLY	2	175 27.9	126 31.5	2 3.6	78 35.6	2 22.2	26 22.2	409 28.6
ADEQUATELY	3	384 61.2	236 59.0	45 80.4	118 53.9	5 55.6	69 59.0	857 60.0
VERY WELL	4	47 7.5	17 4.3	8 14.3	8 3.7	2 22.2	12 10.3	94 6.6
COLUMN TOTAL		627 43.9	400 28.0	56 3.9	219 15.3	9 0.6	117 8.2	1428 100.0

5 OUT OF 24 (20.8%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
 MINIMUM EXPECTED CELL FREQUENCY = 0.429
 RAW CHI SQUARE = 52.16034 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000
 NUMBER OF MISSING OBSERVATIONS = 145

HISTORY SOCIAL STUDIES	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOPE*	PUBLIC SERVICE	UNCLAS- SIFIED	
		1	2	3	4	5	6	
NOT AT ALL	1	14 2.2	10 2.5	1 1.8	11 5.0	0 0.0	7 6.1	43 3.0
POORLY	2	119 19.1	86 21.7	4 7.1	44 20.1	0 0.0	23 20.0	276 19.5
ADEQUATELY	3	430 68.9	270 68.2	39 69.6	146 66.7	6 66.7	65 56.5	956 67.4
VERY WELL	4	61 9.8	30 7.6	12 21.4	18 8.2	3 33.3	20 17.4	144 10.1
COLUMN TOTAL		624 44.0	396 27.9	56 3.9	219 15.4	9 0.6	115 8.1	1419 100.0

5 OUT OF 24 (20.8%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
 MINIMUM EXPECTED CELL FREQUENCY = 0.273
 RAW CHI SQUARE = 39.38206 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0006
 NUMBER OF MISSING OBSERVATIONS = 154

JOB SKILLS	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOPE*	PUBLIC SERVICE	UNCLAS- SIFIED	
		1	2	3	4	5	6	
NOT AT ALL	1	15 2.4	5 1.3	0 0.0	4 1.8	0 0.0	5 4.3	29 2.1
POORLY	2	46 7.5	33 8.3	4 7.3	15 6.8	0 0.0	10 8.5	108 7.6
ADEQUATELY	3	408 66.6	286 72.0	40 72.7	152 69.1	5 50.0	68 56.6	956 67.7
VERY WELL	4	144 23.5	73 18.4	11 20.0	49 22.3	5 50.0	37 31.6	319 22.6
COLUMN TOTAL		613 43.4	397 28.1	55 3.9	220 15.6	10 0.7	117 8.3	1412 100.0

7 OUT OF 24 (29.2%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
 MINIMUM EXPECTED CELL FREQUENCY = 0.206
 RAW CHI SQUARE = 22.77518 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0890
 NUMBER OF MISSING OBSERVATIONS = 161

TABLE C-5 (continued)

	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOPE*	PUBLIC SERVICE	UNCLAS- SIFIED	
		1	2	3	4	5	6	
MUSIC/ART								
NOT AT ALL	1	48 7.8	37 9.4	3 5.6	24 11.4	1 11.1	17 14.5	130 9.3
POORLY	2	145 23.6	110 27.9	8 14.8	44 21.0	3 33.3	30 25.6	349 24.3
ADEQUATELY	3	317 51.5	203 51.5	34 63.0	105 50.0	2 22.2	52 44.4	713 51.0
VERY WELL	4	105 17.1	44 11.2	9 16.7	37 17.6	3 33.3	18 15.4	216 15.4
COLUMN TOTAL		615 44.0	394 28.2	54 3.9	210 15.0	9 0.6	117 8.4	1399 100.0

4 OUT OF 24 (16.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
 MINIMUM EXPECTED CELL FREQUENCY = 0.836
 RAW CHI SQUARE = 24.75748 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0533
 NUMBER OF MISSING OBSERVATIONS = 174

	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOPE*	PUBLIC SERVICE	UNCLAS- SIFIED	
		1	2	3	4	5	6	
STUDY HABITS								
NOT AT ALL	1	13 2.1	7 1.8	0 0.0	5 2.3	0 0.0	5 4.3	30 2.1
POORLY	2	114 18.3	59 14.8	6 10.7	50 22.9	0 0.0	17 14.7	246 17.3
ADEQUATELY	3	438 70.4	277 69.3	34 60.7	142 65.1	5 50.0	74 63.3	970 68.2
VERY WELL	4	57 9.2	57 14.3	16 28.6	21 9.6	5 50.0	20 17.2	176 12.4
COLUMN TOTAL		622 43.7	400 28.1	56 3.9	218 15.3	10 0.7	116 8.2	1422 100.0

6 OUT OF 24 (25.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
 MINIMUM EXPECTED CELL FREQUENCY = 0.211
 RAW CHI SQUARE = 49.08252 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000
 NUMBER OF MISSING OBSERVATIONS = 151

TABLE C-5

SELF-PERCEPTIONS REGARDING LIKELIHOOD OF SELECTED EVENTS
KAPIOLANI COMMUNITY COLLEGE
FALL 1980 ENTERING STUDENTS

	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOPE*	PUBLIC SERVICE	UNCLAS- SIFIED	
ATTEND CLASSES REGULARLY		1	2	3	4	5	6	
NO	0	104 15.0	61 14.3	4 7.0	42 16.6	1 10.0	18 13.8	230 14.6
YES	1	590 85.0	366 85.7	53 93.0	211 83.4	9 90.0	112 86.2	1341 85.4
COLUMN TOTAL		694 44.2	427 27.2	57 3.6	253 16.1	10 0.6	130 8.3	1571 100.0

1 OUT OF 12 (8.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 1.464
RAW CHI SQUARE = 3.77549 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.5822

NUMBER OF MISSING OBSERVATIONS = 2

	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOPE*	PUBLIC SERVICE	UNCLAS- SIFIED	
MAKE AT LEAST B AVERAGE		1	2	3	4	5	6	
NO	0	319 46.0	187 43.8	15 26.3	142 56.1	3 30.0	59 45.4	725 46.1
YES	1	375 54.0	240 56.2	42 73.7	111 43.9	7 70.0	71 54.6	846 53.9
COLUMN TOTAL		694 44.2	427 27.2	57 3.6	253 16.1	10 0.6	130 8.3	1571 100.0

1 OUT OF 12 (8.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 4.615
RAW CHI SQUARE = 21.19897 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0007

NUMBER OF MISSING OBSERVATIONS = 2

	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOPE*	PUBLIC SERVICE	UNCLAS- SIFIED	
SATISFIED WITH KCC		1	2	3	4	5	6	
NO	0	372 53.6	224 52.5	20 35.1	142 56.1	3 30.0	76 58.5	837 53.3
YES	1	322 46.4	203 47.5	37 64.9	111 43.9	7 70.0	54 41.5	734 46.7
COLUMN TOTAL		694 44.2	427 27.2	57 3.6	253 16.1	10 0.6	130 8.3	1571 100.0

1 OUT OF 12 (8.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 4.672
RAW CHI SQUARE = 12.12586 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0331

NUMBER OF MISSING OBSERVATIONS = 2

	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOPE*	PUBLIC SERVICE	UNCLAS- SIFIED	
GET DEGREE FROM KCC		1	2	3	4	5	6	
NO	0	492 70.9	200 46.8	7 12.3	121 47.8	2 20.0	111 85.4	933 59.4
YES	1	202 29.1	227 53.2	50 87.7	132 52.2	8 80.0	19 14.6	638 40.6
COLUMN TOTAL		694 44.2	427 27.2	57 3.6	253 16.1	10 0.6	130 8.3	1571 100.0

1 OUT OF 12 (8.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 4.061
RAW CHI SQUARE = 175.29994 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0

NUMBER OF MISSING OBSERVATIONS = 2

TABLE C-6 (continued)

	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOPER*	PUBLIC SERVICE	UNCLAS- SIFIED	
TRANSFER TO ANOTHER COLL		1	2	3	4	5	6	
NO	0	334 48.1	334 78.2	50 87.7	206 81.4	10 100.0	79 60.8	1013 64.5
YES	1	360 51.9	93 21.8	7 12.3	47 18.6	0 0.0	51 39.2	558 35.5
COLUMN TOTAL		694 44.2	427 27.2	57 3.6	253 16.1	10 0.6	130 8.3	1571 100.0

1 OUT OF 12 (8.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
 MINIMUM EXPECTED CELL FREQUENCY = 3.552
 RAW CHI SQUARE = 167.67516 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0
 NUMBER OF MISSING OBSERVATIONS = 2

	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOPER*	PUBLIC SERVICE	UNCLAS- SIFIED	
CHANGE MAJOR		1	2	3	4	5	6	
NO	0	595 85.7	385 90.2	55 96.5	236 93.3	10 100.0	116 89.2	1397 88.9
YES	1	99 14.3	42 9.8	2 3.5	17 6.7	0 0.0	14 10.8	174 11.1
COLUMN TOTAL		694 44.2	427 27.2	57 3.6	253 16.1	10 0.6	130 8.3	1571 100.0

1 OUT OF 12 (8.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
 MINIMUM EXPECTED CELL FREQUENCY = 1.108
 RAW CHI SQUARE = 17.28072 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0040
 NUMBER OF MISSING OBSERVATIONS = 2

	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOPER*	PUBLIC SERVICE	UNCLAS- SIFIED	
SEEK JOB COUNSELING		1	2	3	4	5	6	
NO	0	559 80.5	338 79.2	54 94.7	200 79.1	8 80.0	113 86.9	1272 81.0
YES	1	135 19.5	89 20.8	3 5.3	53 20.9	2 20.0	17 13.1	299 19.0
COLUMN TOTAL		694 44.2	427 27.2	57 3.6	253 16.1	10 0.6	130 8.3	1571 100.0

1 OUT OF 12 (8.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
 MINIMUM EXPECTED CELL FREQUENCY = 1.903
 RAW CHI SQUARE = 11.60165 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0407
 NUMBER OF MISSING OBSERVATIONS = 2

	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOPER*	PUBLIC SERVICE	UNCLAS- SIFIED	
NEED TUTORING		1	2	3	4	5	6	
NO	0	634 91.4	402 94.1	57 100.0	233 92.1	8 80.0	121 93.1	1455 92.6
YES	1	60 8.6	25 5.9	0 0.0	20 7.9	2 20.0	9 6.9	116 7.4
COLUMN TOTAL		694 44.2	427 27.2	57 3.6	253 16.1	10 0.6	130 8.3	1571 100.0

2 OUT OF 12 (16.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
 MINIMUM EXPECTED CELL FREQUENCY = 0.738
 RAW CHI SQUARE = 10.08799 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0728
 NUMBER OF MISSING OBSERVATIONS = 2

TABLE C-6 (continued)

DROPOUT TEMPORARILY	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOPER*	PUBLIC SERVICE	UNCLAS- SIFIED	
NO	0	689 99.3	421 98.6	56 98.2	249 98.4	10 100.0	129 99.2	1554 98.9
YES	1	5 0.7	6 1.4	1 1.8	4 1.6	0 0.0	1 0.8	17 1.1
COLUMN TOTAL		694 44.2	427 27.2	57 3.6	253 16.1	10 0.6	130 8.3	1571 100.0

5 OUT OF 12 (41.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
 MINIMUM EXPECTED CELL FREQUENCY = 0.108
 RAW CHI SQUARE = 2.32157 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.8031
 NUMBER OF MISSING OBSERVATIONS = 2

FAIL ONE OR MORE COURSES	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOPER*	PUBLIC SERVICE	UNCLAS- SIFIED	
NO	0	688 99.1	422 98.8	56 98.2	249 98.4	10 100.0	129 99.2	1554 98.9
YES	1	6 0.9	5 1.2	1 1.8	4 1.6	0 0.0	1 0.8	17 1.1
COLUMN TOTAL		694 44.2	427 27.2	57 3.6	253 16.1	10 0.6	130 8.3	1571 100.0

5 OUT OF 12 (41.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
 MINIMUM EXPECTED CELL FREQUENCY = 0.108
 RAW CHI SQUARE = 1.39566 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.9248
 NUMBER OF MISSING OBSERVATIONS = 2

DROPOUT AFTER THIS SEMESTER	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOPER*	PUBLIC SERVICE	UNCLAS- SIFIED	
NO	0	688 99.1	426 99.8	57 100.0	250 98.8	10 100.0	127 97.7	1558 99.2
YES	1	6 0.9	1 0.2	0 0.0	3 1.2	0 0.0	3 2.3	13 0.8
COLUMN TOTAL		694 44.2	427 27.2	57 3.6	253 16.1	10 0.6	130 8.3	1571 100.0

5 OUT OF 12 (41.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
 MINIMUM EXPECTED CELL FREQUENCY = 0.083
 RAW CHI SQUARE = 6.26371 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.2809
 NUMBER OF MISSING OBSERVATIONS = 2

FIND WORK IN MAJOR FIELD	COUNT COL PCT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC & HOPER*	PUBLIC SERVICE	UNCLAS- SIFIED	
NO	0	488 70.3	244 57.1	23 40.4	145 57.3	5 50.0	99 76.2	1004 63.9
YES	1	206 29.7	183 42.9	34 59.6	108 42.7	5 50.0	31 23.8	567 36.1
COLUMN TOTAL		694 44.2	427 27.2	57 3.6	253 16.1	10 0.6	130 8.3	1571 100.0

1 OUT OF 12 (8.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
 MINIMUM EXPECTED CELL FREQUENCY = 3.609
 RAW CHI SQUARE = 48.60744 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000
 NUMBER OF MISSING OBSERVATIONS = 2