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ABSTRACT

A survey was conducted in Spring 1981 of the 1,534 continuing Kapiolani Community College students who had entered the college during Fall 1980. The survey instrument solicited information concerning: (1) student employment; (2) knowledge of procedures and requirements; (3) evaluation of students' college experiences; (4) evaluation of student services; and (5) evaluation of instructional services and academic support. Major findings, based on 1,054 responses, reveal that 70% of the students were employed, though only 18% had jobs closely related to their studies. At least two-thirds of the students knew about procedures and requirements related to graduation, transfer of courses, and the use of self-advising materials. The majority of the respondents said they were "satisfied" or "very satisfied" with their college experiences. Responses to items related to student services indicated that over one-third did not know about seven of the 11 specific services. The most commonly used student services were the career resources library and the tutorial program. Generally, students had positive evaluations of courses, grading and academic standards, equipment and facilities, and the library. The report includes tables comparing responses by placement test scores, grade point average, program area, sex, and Fall 1980 enrollment status. The questionnaire and raw response data are appended. (JP)

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ED200282

RESPONSES OF FALL 1980 ENTERING STUDENTS  
SPRING 1981 CONTINUING STUDENT SURVEY

Report 11

Student Flow Program

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March 1981

Office of the Provost  
Kapiolani Community College  
University of Hawaii  
Honolulu, Hawaii

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## A. Introduction

As part of the AIDP evaluation effort, it was decided that more data about programs and services offered at Kapiolani be collected by surveying continuing students.<sup>1</sup> The Spring 1981 Continuing Student Survey is basically similar to the instrument administered during the Spring 1980 registration period. (See Appendix A for a copy of the survey.)

Based upon our Spring 1980 experience, as reported in "Responses of Fall 1979 Entering Students, Spring 1980 Continuing Student Survey" (KSPF Report No. 4), changes were made to the instrument and plan for analysis. It was also decided that the survey would again be conducted during the registration period, which allowed access to most continuing students (including late registrants) at the least possible cost to the institution. Labels for potential continuing students, printed from Fall 1980 enrollment data, allowed "labeled" surveys to be placed in the appropriate registration packets. As continuing students registered on January 7 and 8, they received a survey, accompanied by explanatory note.

### 1. Purposes

There were three basic purposes for undertaking the Spring 1981 Continuing Student Survey:

- a. to access student satisfaction levels with various aspects of the college and its services.
- b. to compare the responses of continuing students who entered Kapiolani in Fall 1980 and students who entered in other semesters.<sup>2</sup>
- c. to summarize the responses of Fall 1980 entering students only so as to focus on student evaluations of their first semester at Kapiolani.

### 2. Plan for Analysis

Since the continuing students were to be contacted at the time of their registration, we hoped for a return rate of between 85 and 90 percent.

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<sup>1</sup>Some data were already available to KCC personnel through reports from the U.H. system's Student Flow Project, directed by Mildred D. Kosaki, from Fall 1975 to June 1978, and from the administration of the Spring 1980 Continuing Student Survey.

<sup>2</sup>These comparisons were summarized in a companion report (not part of the Student Flow Project).

We planned to analyze the returns from Fall 1980 entering students for representativeness, i.e., comparison between ~~respondents~~ and non-respondents on the following characteristics: sex, age, enrollment status, cumulative grade point average, cumulative credit-completion ratio, organizational structure, math and English placement test results, and Fall 1980 entry (new or transfer) status. Responses would be summarized in terms of the following characteristics: organizational structure (major program) and Fall 1980 entry status and any of the preceding characteristics on which respondents were found to be representative of the total. Chi-square analysis was to be applied through the use of SPSS. Results are disregarded when more than one-fourth of the expected frequencies are under five.

After being processed by the institutional research staff, the surveys, without personal identifying information, would be distributed to administrative personnel (including department chairmen). It was hoped that they would find the comments of special interest.

### 3. Organization of Report

The rest of this report consists of the following sections:

- rate and representativeness of returns
- summary of findings in terms of five groups of items
- concluding comments
- details for all items, by program, in Appendix B

#### B. The Returns

The rate and representativeness of returns were based on the Spring 1981 preliminary enrollment data, i.e., registration data as of the third week of the semester.

#### 1. Percentage of Returns

Of the 2,316 Fall 1980 entering students, 1,534 continued in Spring 1981; and 1,054 responded to the Spring 1981 Continuing Student Survey, for a return rate of 69 percent. While this return rate was higher than in Spring 1980 (50%), it was still disappointingly low for a survey administered and collected at registration.

## 2. Representativeness of Returns

Respondents did not differ significantly from non-respondents on the following characteristics: sex, cumulative grade point average, and English placement test scores. Details for these characteristics are available in the institutional research unit.

The data also show that there were 5 (out of 20) public service (legal assistant) students who responded to the survey. This should be borne in mind in interpreting the findings, which follow in the remainder of this report.

### C. Findings

The responses of continuing students who entered Kapiolani in Fall 1980 are presented in five sections:

- employment experience of students
- student knowledge of procedures and requirements
- evaluation of KCC experience
- evaluation of student services
- evaluation of instructional services and academic support

#### 1. Employment Experience

One item, with several parts, dealt with the employment of students during the current semester. Responses are summarized below:

1a. Are you working this semester? (Total responses: 1,035)

17%	Yes, Full-Time
53%	Yes, Part-Time
29%	No

2b. How do you feel about this job? (Total responses: 686)

74%	Intend to continue
26%	Want to look for another

2c. Is your work related to your community college studies? (Total responses: 716)

18%	Closely related
34%	Somewhat related
49%	Not related

Overall, the large majority of students were working (70%) and intended to continue with their jobs (74%). Relatively a few (18%) found their jobs closely related to their community college studies.

Another portion of the question on employment, because of our interest in improving the course schedule, was worded: "This job makes it impossible for me to attend classes during these time periods." Responses summarized by days are given below:

HOUR	COUNT	DAY					ROW TOTAL
		MONDAY 1	TUESDAY 2	WEDNES- DAY 3	THURSDAY 4	FRIDAY 5	
7 30 - 10 20	1	167	159	162	156	161	805 15.1
10 10 - 1 20	2	158	149	157	147	154	765 14.4
1 30 - 3 20	3	201	195	192	189	199	976 18.4
3 30 - 5 20	4	290	281	288	279	289	1427 26.9
5 30 - LATER	5	272	262	273	262	272	1341 25.2
	COLUMN TOTAL	1088 20.5	1046 19.7	1072 20.2	1033 19.4	1075 20.2	5314 100.0

On all days, the 3:30-5:20 block was indicated by the largest number of respondents as the time it is impossible to attend classes; 5:30-later block was a close second.

Responses summarized by time blocks and program are given below:

TIME	COUNT	ORGSTRC						ROW TOTAL
		LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SVC -HOPER 4	PUBLIC SERVICE 5	UNCLAS- SIFIED 6	
MWF 7 30-10 20	1	73	45	1	15	3	13	150 7.6
MWF 10 30-1 20	2	65	44	1	15	3	16	144 7.3
MWF 1 30-3 20	3	86	55	2	13	3	18	177 9.0
MWF 3 30-5 20	4	133	72	6	29	3	18	261 13.3
MWF 5 30-LATER	5	123	75	7	25	0	18	248 12.6
TTH 7 30-10 20	6	64	51	1	16	3	15	150 7.6
TTH 10 30-1 20	7	55	49	1	16	3	15	140 7.1
TTH 1 30-3 20	8	83	60	2	17	3	14	179 9.1
TTH 3 30-5 20	9	132	80	5	30	3	15	265 13.5
TTH 5 30-LATER	10	127	74	6	26	0	17	250 12.7
	COLUMN TOTAL	942 48.0	605 30.8	32 1.6	202 10.3	24 1.2	159 8.1	1964 100.0

The higher number of responses fluctuated between the 3:30-5:20 and 5:30-later blocks by days (MWF vs TTh) and by program. The notable exception, as expected, was in the legal assistant program where no respondent indicated that it would be impossible to attend classes from 5:30-later.



Table 1 highlights the characteristics for which responses differed significantly. Most legal assisting majors (80%), contrasted with health majors (40%), are working this semester. Not unexpected was the higher proportion of legal assisting students (75%), contrasted with liberal arts majors (38%) and unclassified students (42%), who found their jobs "somewhat" or "closely" related to their community college studies.

TABLE 1  
EMPLOYMENT EXPERIENCE  
FALL 1980 ENTERING STUDENTS  
SPRING 1981 CONTINUING STUDENT SURVEY  
KAPIOLANI COMMUNITY COLLEGE

Items	Characteristic <sup>a</sup>					Total Responses	Combined Percent	Range <sup>b</sup>
	Prog	F8Q Entry Stat	Sex	Cum GPA	Eng-Plac Test			
I. Are you working <u>this</u> semester?	***	**	*		*	1,035	71 <sup>c</sup>	80% legal 73% transfer 75% male 75% Eng 100 40% health 70% Fall 1980 68% female 60% Eng 021
2b. How do you feel about this job?								
2c. Is your work related to your community college studies?	***			**			51 <sup>d</sup>	75% legal 59% 3.5 & above 38% liberal arts 47% below 2.0

<sup>a</sup>Levels of significance, based upon chi-square analysis, are denoted thus: \* .05, \*\* .01, \*\*\* .001. Results are disregarded when more than one-fourth of the expected frequencies are less than five.

<sup>b</sup>Range given only when responses differed significantly.

<sup>c</sup>Combined percent represents all students who answered "yes."

<sup>d</sup>Combined percent represents all students who answered "closely" and "somewhat" related."

## 2. Student Knowledge of Procedures and Requirements

Students were asked to respond "yes" or "no" to six items dealing with their knowledge of various procedures and requirements (III [1-6])

	<u>Total Responses</u>	<u>Yes</u>	<u>No</u>
Section III Items:			
1. I saw my advisor during the past semester at times other than registration.	1,016	36%	64%
2. The Self-Advising Materials (SAM) were helpful, so I didn't need to see an advisor.	956	35%	35%
3. The college catalog is useful in learning about requirements, regulations, etc.	1,004	92%	9%
4. I know the graduation requirements for my major area of study.	999	77%	23%
5. There is adequate information on transfer of community college courses to four-year colleges.	978	72%	28%
6. Course descriptions generally are accurate.	999	90%	10%

The above data show that approximately two-thirds or more of the respondents, ranging from 92 percent (know the graduation requirements for my major) to 65 percent (Self-Advising Materials helpful, didn't need to see an advisor), positively rated five (of six) items. The exception was: "I saw my advisor during the past semester at times other than registration" (36%).

Responses to the items in Section III differed significantly by program (three) and English placement test score (one). These differences are illustrated in Table 2, which presents the range in "yes" responses.

TABLE 2

STUDENT KNOWLEDGE OF PROCEDURES AND REQUIREMENTS  
 FALL 1980 ENTERING STUDENTS  
 SPRING 1981 CONTINUING STUDENT SURVEY  
 KAPIOLANI COMMUNITY COLLEGE

Items	Characteristic <sup>a</sup>					Total Responses	Yes Percent	Range <sup>b</sup>	
	Prog	F80 Entry Stat	Sex	Cum GPA	Eng Plac Test				
Section III									
1. I saw my advisor during the past semester at times other than registration.	***				*	1,016	36	72% health 61% ELI 004	20% legal 29% Eng 100
2. The Self-Advising Materials (SAM) were helpful, so I didn't need to see an advisor.	***					956	65	78% food/hoper	47% unclassified
3. The college catalog is useful in learning about requirements, regulations, etc.						1,004	92		
4. I know the graduation requirements for my major area of study.	***					999	77	100% legal	53% unclassified
5. There is adequate information on transfer of community college courses to four-year colleges.						978	72		
6. Course descriptions generally are accurate.						999	90		

<sup>a</sup>Levels of significance, based on chi-square analysis, are denoted thus: \* .05, \*\* .01, \*\*\* .001. Results are disregarded when more than one-fourth of the expected frequencies are less than five.

<sup>b</sup>Range given only when responses differed significantly.

The data in Table 2 show no single program as having a consistently high "yes" response. For example, health service majors (72%) saw their advisors at times other than registration; food services/hotel operations majors found SAM helpful (78%) and legal assisting majors knew their graduation requirements for their program of study (100%). On two of these three items, unclassified students had the lowest proportion of "yes" responses. Students with ELI 004 as an English placement test recommendation, contrasted with those with Eng 100, saw their advisors at times other than registration.

### 3. Evaluation of KCC-Experience

A total of thirteen items (II [1-11], IV [14], and VI) dealt with the general KCC experience. Responses are summarized below in percentages for the Section II items:

Section II Items:	Total Responses	Not Satisfied	Satisfied	Very Satisfied
1. Instruction	1,019	7%	69%	24%
2. Faculty/student relations	1,010	9%	66%	25%
3. Variety of courses you could take	1,000	30%	52%	18%
4. Intellectual environment	993	14%	72%	14%
5. Orientation	993	13%	71%	17%
6. Counseling/academic advising	974	16%	62%	22%
7. Financial aid services	871	10%	69%	21%
8. Student employment services	852	11%	70%	20%
9. Friendship with other students	985	5%	57%	38%
10. Facilities/equipment	960	19%	63%	18%
11. Total experience at college	982	9%	53%	28%

The above data show that:

- the great majority evaluated each item except "financial aid services" and "student employment services."
- the great majority, ranging from 95 percent (friendship with other students) to 70 percent (variety of courses you could take), rated all eleven items as satisfactory or better.
- at least one-fourth of the respondents were very satisfied regarding: friendship with other students (38%), total college experience (28%), and faculty/student relations. Instruction (24%) was also highly rated.
- close to a third of the respondents were not satisfied with variety of courses (30%) and about one-fifth with facilities/equipment (19%).

Table 3 highlights the characteristics for which responses differed significantly.

TABLE 3

EVALUATION OF KCC EXPERIENCE  
 FALL 1980 ENTERING STUDENTS  
 SPRING 1981 CONTINUING STUDENT SURVEY  
 KAPIOLANI COMMUNITY COLLEGE

Note: Combined percent represents "satisfied" and "very satisfied" responses.

Items	Characteristic <sup>a</sup>					Total Responses	Combined Percent	Range <sup>b</sup>
	Prog	F80 Entry Stat	Sex	Cum GPA	Eng Plac Test			
Section II								
1. Instruction		*		***		1,019	93	94% new 97% 3.0-3.4 93% transfer 91% below 2.0
2. Faculty/student relations		**		***		1,010	91	92% transfer 97% 3.5 & above 91% new 94% below 2.0
3. Variety of courses you could take						1,000	80	
4. Intellectual environment	***			*		993	86	91% food/hoper 88% 3.5 & above 60% legal 85% below 2.0
5. Orientation						993	88	
6. Counseling/academic advising						974	84	
7. Financial aid services						871	90	
8. Student employment services						852	90	
9. Friendship with other students				*		985	95	96% 3.5 & above, 2.0-2.9 94% 3.0-3.4, below 2.0
10. Facilities/equipment		**				960	81	84% new 72% transfer
11. Total experience at college				***		982	91	93% 2.0-2.9 87% below 2.0

<sup>a</sup> Levels of significance, based on chi-square analysis, are denoted thus: \* .05, \*\* .01, \*\*\* .001. Results are disregarded when more than one-fourth of the expected frequencies are less than five.

<sup>b</sup> Range given only when responses differed significantly.

The data in Table 3 show that:

- responses to five items differed by cumulative GPA. In general, students with 2.0 or higher GPAs were more satisfied with their KCC experience than students with a GPA below 2.0 on their assessments of instruction, faculty/student relations, intellectual environment, friendship with other students, and total college experience.
- responses to three items differed by Fall 1980 entry status (new or transfer). In general, new students were satisfied or very satisfied with instruction and facilities/equipment; transfer students with faculty/student relations.

Two other questions in the Continuing Student Survey dealt with evaluation of the KCC experience:

- a. IV-14. There is a feeling of bhana at this college.  
Of the 893 students who responded to this item:
- 22% strongly disagreed
  - 63% agreed
  - 16% strongly agreed

Responses differed significantly by cumulative GPA. To illustrate: the combined "agreed" and "strongly agreed" responses ranged from 80 percent for students with GPAs of 3.0 and above to 77 percent for students with GPAs below 2.0.

- b. VI. In general, how well do you like attending this college? Sentiments were expressed by 927 students as follows:

- 3% I don't like it.
- 36% I am more or less neutral about it.
- 52% I like it.
- 10% I am enthusiastic about it.

Responses differed significantly by Fall 1980 entry status (new and transfer) and cumulative GPA. The combined percentages for "I like it" and "I am enthusiastic about it" ranged from 74 percent (3.5 and above) to 55 percent (below 2.0); however, no difference for this combination was found between responses by new and transfer students.

#### 4. Evaluation of Student Services

A total of sixteen items (IV [1, 13, 15, 16, 20] and V [1, 5-11, 14-16]) dealt with various aspects of student services.

- a. Responses are summarized below in percentages for Section IV items:

Section IV Items:	<u>Total Responses</u>	<u>Strongly Disagree</u>	<u>Agree</u>	<u>Strongly Agree</u>
1. The registration procedures, in general, are well-defined and easy to follow.	954	11%	72%	17%
13. Students generally follow college rules and regulations.	915	9%	72%	19%
15. Students have readily available channels for expressing complaints.	869	23%	65%	12%
16. It's been easy to have corrections made to my college records.	809	25%	67%	8%
20. I am satisfied with the variety of student activities available.	836	19%	72%	9%

The data above show that:

- the great majority rated three of the items, with fewer responding to items on corrections to college records and satisfaction with variety of student activities.
- the great majority of students agreed that registration procedures, in general, are well-defined and easy to follow (89%) and students generally follow college rules and regulations (91%).
- one-fourth of the respondents strongly disagreed that corrections are easily made to college records; slightly less (23%) that: channels for expressing students' complaints are readily accessible.

Responses to the items in Section IV differed significantly by Fall 1980 entry status (three) and sex (one). These differences are given in Table 4, which presents the range of combined responses for "agree" to "strongly agree." Responses did not differ by program for any of the items.

TABLE 4

STUDENT SENTIMENT REGARDING PROCEDURES AND ACTIVITIES  
FALL 1980 ENTERING STUDENTS  
SPRING 1981 CONTINUING STUDENT SURVEY  
KAPIOLANI COMMUNITY COLLEGE

Note: Percentage represents combined "agree" and "strongly agree" responses.

Items	Characteristic <sup>a</sup>					Total Responses	Combined Percent	Range <sup>b</sup>	
	Prog	F80 Entry Stat	Sex	Cum GPA	Eng Plac Test				
Section IV									
1. The registration procedures, in general, are well-defined and easy to follow.		*	*			954	89	91% transfer 91% female	88% new 85% male
13. Students generally follow college rules and regulations.						915	91		
15. Students have readily available channels for expressing complaints.		***				869	77	78% new	73% transfer
16. It's been easy to have corrections made to my college records.						809	75		
20. I am satisfied with the variety of student activities available.		*				836	81	81% new	80% transfer

<sup>a</sup>Levels of significance, based on chi-square analysis, are denoted thus: \* .05, \*\* .01, \*\*\* .001. Results are disregarded when more than one-fourth of the expected frequencies are less than five.

<sup>b</sup>Range given only when responses differed significantly.

The data in Table 4 show that:

- more transfer than new students and more females than males were satisfied that registration procedures, in general, were well-defined and easy to follow.
- new students were otherwise generally more positive in their sentiments than transfer students.



b. Responses are summarized below in percentages for Section V items:

Section V Items:	Total Responses	I used this service and was not satisfied with it.				I used this service and was satisfied with it.			
		I knew about this service but did not use it.	I did not know about this service.	I used this service and was not satisfied with it.	I used this service and was satisfied with it.	I knew about this service but did not use it.	I did not know about this service.	I used this service and was not satisfied with it.	I used this service and was satisfied with it.
1. Tutorial services	819	23%	58%	16%	3%				
5. Career planning	807	22%	59%	16%	2%				
6. Vocational/interest testing	796	31%	53%	14%	2%				
7. Career resources library	800	31%	50%	18%	2%				
8. Career workshops	797	39%	52%	9%	1%				
9. Career exploration course	790	42%	49%	8%	1%				
10. Study skills modules	799	38%	45%	15%	2%				
11. Information sessions on college services	793	37%	48%	13%	2%				
Specialized services for:									
14. Veterans	676	40%	50%	9%	1%				
15. Foreign students	674	37%	55%	8%	1%				
16. Handicapped students	665	36%	57%	6%	1%				

The data above show that:

- fewer students (1,054 possible) rated all eleven items, especially the specialized services for veterans, foreign students, handicapped students. This could be explained, in part, by the fact that students not involved with these services may have elected not to rate them.
- more than one-third of the respondents did not know about seven of the eleven special services/programs, especially: career exploration course (42%), specialized services for veterans (40%), career workshops (39%), study skills modules (38%), information sessions on college services (37%), specialized services for foreign (37%) and handicapped (36%) students. Students were most familiar with career planning (78%) and tutorial services (77%)
- more than one-tenth of the respondents used six of the eleven special services/programs; the three more commonly used services were career resources library (20%), tutorial services (19%), career planning (18%). Students who used the services were generally satisfied with them.

Responses to the items in Section V differed significantly by English placement test scores (two) and Fall 1980 entry status (one). These differences are given in Table 5, which presents the range of responses for "knew but did not use it." Responses did not differ by program for any of the items.

TABLE 5

KNOWLEDGE/USE OF SPECIAL SERVICES AND PROGRAMS  
FALL 1980 ENTERING STUDENTS  
SPRING 1981 CONTINUING STUDENT SURVEY  
KAPIOLANI COMMUNITY COLLEGE

Note: Percentage represents "knew but did not use it."

Items	Characteristic <sup>a</sup>					Total Responses	Combined Percent	Range <sup>b</sup>	
	Prog	F80 Entry Stat	Sex	Cum GPA	Eng Plac Test				
Section V									
1. Tutorial services					***	819	58	66% Eng 100	36% ELI 004
5. Career planning						807	59		
6. Vocational/interest testing						796	53		
7. Career resources library						800	50		
8. Career workshops						797	52		
9. Career exploration course						790	49		
10. Study skills modules						799	48		
11. Information sessions on college services						793	48		
Specialized services for:									
14. Veterans			***			676	50	50% male	50% female
15. Foreign students					***	674	55	61% Eng 100	35% ELI 004
16. Handicapped students						665	57		

<sup>a</sup>Levels of significance, based on chi-square analysis, are denoted thus: \* .05, \*\* .01, \*\*\* .001. Results are disregarded when more than one-fourth of the expected frequencies are less than five.

<sup>b</sup>Range given only when responses differed significantly.

The above data in Table 5 show that:

- students whose scores were Eng 100, in contrast to those whose scores were ELI 004, were aware of these services although they did not use them: tutorial services and specialized services for foreign students.

- males and females were equally aware of, but did not use, the specialized services for veterans. However, in the other categories, responses by males and females differed. For example, more males used these services (16% VS 7%) and were generally satisfied with them; more females did not know about these services (44% VS 34%).

## 5. Evaluation of Instructional Services and Academic Support

A total of nineteen items (IV [2-12, 17-19] and V [2-4, 12, 13]) dealt with instructional services and academic support.<sup>3</sup>

- a. Responses are summarized below in percentages for fourteen Section IV items:

	<u>Total Responses</u>	<u>Strongly Disagree</u>	<u>Agree</u>	<u>Strongly Agree</u>
Section IV Items:				
2. I was able to enroll in most of the courses I wanted.	950	25%	48%	26%
3. The grading system, as a whole, is fair.	926	6%	72%	23%
4. I think the courses in my major are relevant to my career plans.	923	8%	66%	26%
5. Most of my classes are too large.	910	58%	35%	7%
6. Most equipment available for use in my classes is adequate for my needs.	885	15%	70%	16%
7. Most courses require intensive preparation out of class.	911	22%	61%	17%
8. I've enjoyed most of the courses I've taken at this college.	905	10%	66%	24%
9. I'm satisfied with the knowledge I've gained from the general education courses.	909	6%	72%	22%
10. I'm satisfied with the knowledge I've gained from courses in my major field.	906	8%	68%	24%
11. I want to learn how to learn.	898	11%	58%	31%
12. Most students set high standards of achievement for themselves.	905	12%	64%	24%
17. The nature of physical facilities has lessened my enjoyment of Kapiolani CC.	843	39%	51%	11%
18. The library had the books and periodicals I needed.	836	24%	65%	12%
19. The library's evening hours are sufficient.	821	16%	71%	13%

<sup>3</sup>See also responses to items III [3 and 6] on pages 6 and 7 of this report.

The data for Section IV show that:

- the great majority rated eleven of the items, with fewer responding to the item on physical facilities and two library-related items.
- with twelve (of fourteen) items three-fourths or more of the respondents agreed, regarding courses and academic support.
- with five items 90 percent or more of the respondents agreed: knowledge was gained from general education courses; the grading system, as a whole, is fair; knowledge was gained from courses in major field; courses in major are relevant to career; courses taken at KCC have been enjoyable.
- with two items respondents strongly disagreed: most classes are too large (58%), the nature of physical facilities lessened enjoyment of KCC (39%).

Table 6 highlights the characteristics for which responses differed significantly. The data show that:

- responses differed on six items, by Fall 1980 entry status. More transfer students agreed that: courses in major field are relevant to career plans (96%), the grading system is fair (95%), enrollment in most desired courses was possible (77%); new students tended to agree that: most students set high standards of achievement (90%), available equipment is adequate (87%), needed books and periodicals are available in the library (79%).

TABLE 6

SENTIMENTS ON COURSE EXPERIENCES AND LIBRARY  
FALL 1980 ENTERING STUDENTS  
SPRING 1981 CONTINUING STUDENT SURVEY  
KAPIOLANI COMMUNITY COLLEGE

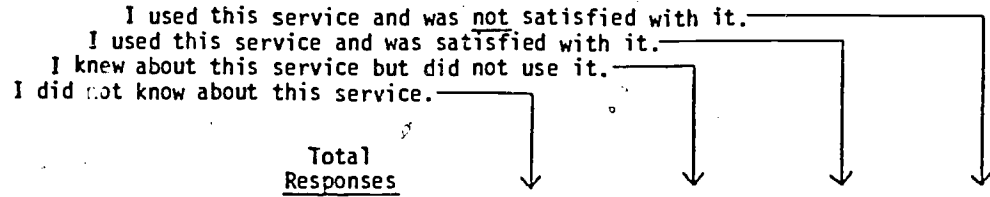
Note: Percentage represents combined "agree" and "strongly agree" responses.

Items	Characteristic <sup>a</sup>					Total Responses	Combined Percent	Range <sup>b</sup>	
	Prog	F80 Entry Stat	Sex	Cum GPA	Eng Plac Test				
Section IV									
2. I was able to enroll in most of the courses I wanted.	**	***				950	74	100% legal 77% transfer	70% liberal arts 74% new
3. The grading system, as a whole, is fair.		**		***		926	94	95% transfer 87% 3.0-3.4	94% new 88% below 2.0
4. I think the courses in my major are relevant to my career plans.		**		***		923	92	96% transfer 86% 3.5 & above	91% new 90% 2.0-2.9
5. Most of my classes are too large.				**		910	42	51% below 2.0	26% 3.5 & above
6. Most equipment available for use in my classes is adequate for my needs.		*				885	86	87% new	82% transfer
7. Most courses require intensive study and preparation out of class.				*		911	78	81% below 2.0	74% 3.5 & above
8. I've enjoyed most of the courses I've taken at this college.				***		905	90	87% 3.5 & above	83% below 2.0
9. I'm satisfied with the knowledge I've gained from the general education courses.				**		900	84	98% 3.5 & above	91% below 2.0
10. I'm satisfied with the knowledge I've gained from courses in my major field.				***		906	92	95% 3.5 & above	90% below 2.0
11. I want to learn how to learn.						898	88		
12. Most students set high standards of achievement for themselves.		*		***		905	88	90% new 91% 3.0-3.4	83% transfer 88% 2.0-2.9
17. The nature of physical facilities has lessened my enjoyment of Kapiolani CC.			*	***		843	62	69% male 68% below 2.0	57% female 46% 3.5 & above
18. The library had the books and periodicals I needed.		**				836	77	78% new	68% transfer
19. The library's evening hours are sufficient.						821	84		

<sup>a</sup>Levels of significance, based on chi-square analysis, are denoted thus: \* .05, \*\* .01, \*\*\* .001. Results are disregarded when more than one-fourth of the expected frequencies are less than five.

<sup>b</sup>Range given only when responses differed significantly.

- b. Responses are summarized below in percentages for Section V items:



Section V Items:

Section V Items:	Total Responses	I did not know about this service.	I knew about this service but did not use it.	I used this service and was satisfied with it.	I used this service and was <u>not</u> satisfied with it.
2. Cooperative education	806	25%	61%	13%	2%
3. Math labs	816	18%	63%	16%	3%
4. Writing labs	808	23%	61%	15%	1%
12. Library staff services	800	26%	46%	25%	2%
13. Library orientation sessions	792	37%	44%	16%	2%

The above data show that:

- generally fewer students (1,054 possible) responded to all five items.
- while more than three-fifths of the respondents knew about, but did not use three of these academic support services (cooperative education, math labs, writing labs) less than half so responded to the library related items (staff services, orientation sessions).
- a fourth of the respondents used library staff services and were satisfied with them; almost one-sixth of the respondents used the remaining resources and were generally satisfied with each.
- approximately one-fourth of the respondents were not aware of the services, ranging from 37 percent (library orientation sessions) to 18 percent (math labs).

Table 7 highlights the characteristics for which responses differed significantly.

TABLE 7

SENTIMENTS ON OTHER ACADEMIC SUPPORT  
FALL 1980 ENTERING STUDENTS  
SPRING 1981 CONTINUING STUDENT SURVEY  
KAPIOLANI COMMUNITY COLLEGE

Note: Percentage represents "knew about the service but did not use it."

Items	Characteristic <sup>a</sup>					Total Responses	Combined Percent	Range <sup>b</sup>
	Prog	F80 Entry Stat	Sex	Cum GPA	Eng Plac Test			
Section V								
2. Cooperative education						806	61	
3. Math labs				*		816	63	68% 3.5 & above 58% below 2.0
4. Writing labs						808	61	
12. Library staff services						800	46	
13. Library orientation sessions						791	44	

<sup>a</sup>Levels of significance, based on chi-square analysis, are denoted thus: \* .05, \*\* .01, \*\*\* .001. Results are disregarded when more than one-fourth of the expected frequencies are less than five.

<sup>b</sup>Range given only when responses differed significantly.

The data in Table 7 show that: responses to only one item differed by cumulative GPA. Respondents who earned GPAs of 3.5 or higher, in contrast to those whose GPAs were below 2.0, knew about but chose not to use the math labs.

#### D. Summary and Concluding Comments

The rate of return for the Spring 1981 Continuing Student Survey was 69 percent (1,054 respondents). Respondents and non-respondents did not differ significantly on the following characteristics: sex, cumulative GPA, English placement test results. The analysis chosen provides us with valuable data about how an entering group of students (Fall 1980) rated their first semester at Kapiolani Community College.

## 1. Profile of Respondents

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

- majors in liberal arts, 49%; business, 27%
- females, 63%
- below 19 years old, 45%; 19-21 years, 28%
- new to higher education, 74%
- full-time students, 68%
- recommended to take Math 25 or lower, 63%
- recommended to take Eng 22/50 or lower, 52%

At the end of their first semester at Kapiolani, the respondents had earned:

- grade point average of
 

3.5 & above	20%
3.0 - 3.4	19%
2.0 - 2.9	35%
below 2.0	27%
- credit-completion ratios of
 

1.00	74%
.80 - .99	5%
.50 - .79	13%
below .50	8%

## 2. Major Findings

a. Employment Experience: In Spring 1981, close to three-fourths (70%) of the respondents worked. Of those working, approximately three-fourths (74%) "intend to continue" with their jobs although only about half (52%) found their jobs "closely" or "somewhat" related to their community college studies.

b. Student Knowledge of Procedures and Requirements: Items dealt with registration, advising, transfer of courses, requirements for their majors and for graduation, and course descriptions.

Approximately two-thirds of the respondents indicated knowledge of the college's various procedures and requirements. On only one item, "I saw my advisor during the past semester at times other than registration," was there a minority response (36%). However, nearly two-thirds (65%) of the respondents also indicated that they did not need to see their advisors because of the helpfulness of SAM.



- c. Evaluation of KCC Experience: There were a number of specific items, related to instruction, the curriculum, student services, college ambiance and facilities, as well as some "global" items to solicit overall reactions to the KCC experience.

At least four-fifths of the students rated as "satisfactory" or better all specific items, ranging from 95 percent (friendship with other students) to 70 percent (variety of courses you could take).

Responses to the global items were likewise favorable: 91 percent rated the total college experience as satisfactory or better; 79 percent agreed (includes strongly agree) that there is a feeling of ohana at KCC; 62 percent indicated that they liked attending KCC (including 10 percent who were "enthusiastic about it").

- d. Evaluation of Student Services: Students rated some items dealing with registration, college regulations, student records and activities. In addition, students indicated their knowledge and use of specific services, such as tutorial services, career planning, study skills modules, and specialized services for veterans.

Nearly 90 percent of the respondents agreed that registration procedures were easy to follow (89%) and that students followed college regulations (91%). A slightly smaller proportion agreed that: channels for student complaints were easily accessible (77%), college records could easily be corrected (75%), and variety of student activities was satisfactory (81%).

More than one-third of the respondents did not know about seven of the eleven specific services: the career exploration course, career workshops, study skills modules, information sessions on college services, and the specialized services for veterans, for foreign students, and for handicapped students. Half or more of the students knew about but did not use eight of the specific services. Six services were used by at least 15 percent of the respondents. The two most often used services were career resources library (20%) and tutorial services (19%). A great majority of students who took advantage of these services were satisfied with them.

- e. Evaluation of Instructional Services and Academic Support; Students indicated their agreement with items dealing with courses, grading and standards, objectives and knowledge gained, equipment and facilities, and the library. In addition, students indicated their knowledge about cooperative education and the math, reading, and writing labs.

The great majority of students agreed with all but two items dealing with instructional services and academic support. More than one-fifth strongly agreed with eight of the fourteen items: want to learn how to learn; ability to enroll in most desired courses; courses in major are relevant to career plans; enjoyment of most courses taken at this college; knowledge gained from courses in major field; students set high standards of achievement; grading system, as a whole, is fair; knowledge gained from general education courses.

Notable are: the fairly even distribution of responses to "able to enroll in most desired courses" (25% strongly disagreed, 48% agreed, 26% strongly agreed) and the higher proportion of students who strongly disagreed--most classes are too large (58%), nature of physical facilities lessened my enjoyment of KCC (39%).

Fewer than 78 percent of the respondents rated the items on cooperative education, the math and writing labs, and two library services. The majority of students knew about these services but did not use them. A great majority of the students who enrolled in cooperative education, used the labs, or library services were satisfied with them. Noteworthy is the fact that at least one fourth of the students did not know about cooperative education, library staff services and library orientation sessions.

### 3. Concluding Comments

Many students who entered KCC in Fall 1980 reacted favorably to their first semester's experience, both in "global" and specific terms. Since students generally are positive in their evaluations, it is important to note the range in satisfaction with various services and programs.

Data on what time periods working students find that their job makes it impossible to attend class show that the late hours (3:30-5:20 and 5:30-later) present conflicts for many employed students.

Responses indicate that campus personnel should consider two major areas that need improvement:

- courses, variety and availability
  - 30 percent of 1,000 respondents were not satisfied with the variety offered (II-3).
  - 25 percent of 950 respondents disagreed that they were able to enroll in most of the courses they wanted (IV-2).
- special courses, services, labs
  - among 25 items rated by fewer than 895 respondents (85% of the possible 1,054) were all 16 items listed in Section V, dealing with special courses, services, and labs.
  - an average of 32 percent (ranging from 18% to 42%) of the respondents did not know about these special opportunities.
  - the majority (or plurality, in a few instances) response was "knew about this service but did not use it."

While the above data indicate the need to publicize special courses, services and labs, it is heartening to note that, of items which appeared on both surveys, small "gains" were made in the usage of nine (of fourteen) special courses, services, and labs.

In general, responses to the Spring 1981 and Spring 1980 surveys were quite similar: that is the differences were not great, chiefly in the neighborhood of 2 or 3 percentage points. The following items, however, are beyond this range:

- 92% vs 84% Yes, "I know the graduation requirements for my major areas of study." (III-4)
- 26% vs 21% Strong agree, "I think courses in my major are relevant to my career plans." (IV-4)
- 25% vs 31% Strong disagree, "I was able to enroll in most of the courses I wanted." (IV-2)
- 77% vs 84% Yes, "There is adequate information on the transfer of community college courses to four-year colleges." (III-5)
- 19% vs 13% Not satisfied, "Facilities/equipment" (IV-10)
- 25% vs 19% Strongly disagree, "It's been easy to have corrections made to my college records." (IV-16)

We hope that the results of this survey will not be viewed as ends in themselves but rather in conjunction with the results of the Fall 1980 Entering Student Survey (KSFP Report No. 8) and the Fall 1980 No Show Survey (KSFP Report No. 10) as indicators of areas in which campus improvements or revisions might be undertaken.

While no formal analysis is planned for comparing how students responded to both the Entering Student and Continuing Student Surveys, the following, for example, is noteworthy: perceptions by students responding to the Entering Student Survey revealed a low estimate of need for extra help and services in job counseling and tutoring, and responses to similar services in the Continuing Student Survey revealed that less than 20 percent used such services (exceptions: 26% used career resources library). Such questions as the following were raised in the report on the Spring 1980 survey: Did campus personnel expect students to exhibit this extent of "felt needs" and "use of services," given the nature of entering students? What relationship is there between student characteristics (especially academic backgrounds as reflected in first semester GPA and placement test scores) and self-awareness of need and use of special services? Is there a need for more effective publicizing of services? Is it feasible to provide an "outreach" emphasis (rather than relying solely on individual motivation)? In light of limited resources, should a service be continued? combined with others? It seems that these questions are still appropriate in evaluating services and programs at Kapiolani.

In order to assist campus personnel in analyzing data from the Spring 1981 Continuing Student Survey, details, by program, are included in the appendix. Readers interested in analyzing responses by other characteristics (sex, cumulative GPA, English placement test scores) are urged to contact the staff working on the Student Flow Program.

APPENDIX

## APPENDIX A

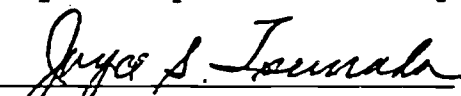
CONTINUING STUDENT SURVEY  
KAPIOLANI COMMUNITY COLLEGE  
Spring 1981

Dear Continuing Student:

Welcome back to Kapiolani Community College!

We are trying to improve our instruction and student services, and we need your help. After you have picked up your course cards and filled out your fee slip, we hope you will take a few minutes to complete the Continuing Student Survey.

You will be asked to turn in the survey as part of the checkout process. Your questionnaire has a label on it to make it easy for us to summarize characteristics of respondents on a group basis. Responses are confidential and not reported for specific individuals. Thank you very much for your cooperation and help.

  
Joyce S. Tsunoda, Provost

I. Are you working this semester?

1.  No
2.  Yes
  - a. Check one: 1.  full-time (35 or more hours weekly)  
2.  part-time
  - b. How do you feel about this job? 1.  intend to continue  
2.  want to look for another
  - c. Is your work related to your community college studies? 1.  closely related  
2.  somewhat related  
3.  not related
  - d. This job makes it impossible for me to attend classes during these time periods. Check as many as applicable.

	M (1)	Tu (2)	W (3)	Th (4)	F (5)
7:30-10:20(1)					
10:30- 1:20(2)					
1:30- 3:20(3)					
3:30- 5:20(4)					
5:30-later(5)					

II. Please circle the number that best indicates your evaluation of your experience at Kapiolani Community College: (Respond to each item, if possible.)

	Not Satisfied	Satisfied	Very Satisfied
1. Instruction	1	2	3 4 5
2. Faculty/student relations	1	2	3 4 5
3. Variety of courses you could take	1	2	3 4 5
4. Intellectual environment	1	2	3 4 5
5. Orientation	1	2	3 4 5
6. Counseling/academic advising	1	2	3 4 5
7. Financial aid (grants, loans, scholarships, work/study)	1	2	3 4 5
8. Student employment services (on- or off-campus jobs)	1	2	3 4 5
9. Friendship with other students	1	2	3 4 5
10. Facilities/equipment	1	2	3 4 5
11. Total experience at college	1	2	3 4 5

III. Please check either "yes" or "no" for each statement:

	<u>Yes</u>	<u>No</u>
1. I saw my advisor during the past semester at times other than registration.	1. ( )	2. ( )
2. The Self-Advising Materials (SAM) were helpful, so I didn't need to see an advisor.	1. ( )	2. ( )
3. The college catalog is useful in learning about requirements, regulations, etc.	1. ( )	2. ( )
4. I know the graduation requirements for my major area of study.	1. ( )	2. ( )
5. There is adequate information on transfer of community college courses to four-year colleges.	1. ( )	2. ( )
6. Course descriptions generally are accurate.	1. ( )	2. ( )

IV. Please circle the number which comes closest to expressing your opinion:

	<u>Strongly Disagree</u>	<u>Agree</u>	<u>Strongly Agree</u>
1. Registration procedures are generally clear and easy to follow.	1 2 3 4 5		
2. I was able to enroll in most of the courses I wanted.	1 2 3 4 5		
3. The grading system, as a whole, is fair.	1 2 3 4 5		
4. I think the courses in my major are relevant to my career plans.	1 2 3 4 5		
5. Most of my classes are too large.	1 2 3 4 5		
6. Most equipment available for use in my classes is adequate for my needs (e.g., laboratory, typewriters, machines).	1 2 3 4 5		
7. Most courses require intensive preparation out of class.	1 2 3 4 5		
8. I've enjoyed most of the courses I've taken at this college.	1 2 3 4 5		
9. I'm satisfied with the knowledge I've gained from the general education courses.	1 2 3 4 5		
10. I'm satisfied with the knowledge I've gained from courses in my major field.	1 2 3 4 5		
11. I want to learn how to learn.	1 2 3 4 5		
12. Most students set high achievement standards for themselves.	1 2 3 4 5		
13. Students generally follow college rules and regulations.	1 2 3 4 5		
14. There is a feeling of ohana at this college.	1 2 3 4 5		
15. Students have readily accessible channels for expressing complaints.	1 2 3 4 5		
16. It's easy to have corrections made to my college records.	1 2 3 4 5		
17. The nature of physical facilities has lessened my enjoyment of Kapiolani CC.	1 2 3 4 5		
18. The library had the books and periodicals I needed.	1 2 3 4 5		
19. The library's evening hours are sufficient.	1 2 3 4 5		
20. The variety of student activities is satisfactory.	1 2 3 4 5		

V. For each service/program listed below, please circle the number that is most appropriate.

	I did not know about this service.	I knew about this service but did not use it.	I used this service and was satisfied with it.	I used this service and was not satisfied with it.
1. Tutorial services	1	2	3	4
2. Cooperative education	1	2	3	4
3. Math labs	1	2	3	4
4. Writing labs	1	2	3	4
5. Career planning	1	2	3	4
6. Vocational/interest testing	1	2	3	4
7. Career resources library	1	2	3	4
8. Career workshops	1	2	3	4
9. Career exploration course	1	2	3	4
10. Study skills modules	1	2	3	4
11. Information sessions on college services	1	2	3	4
12. Library staff services	1	2	3	4
13. Library orientation sessions	1	2	3	4
Specialized services for:				
14. Veterans	1	2	3	4
15. Foreign students	1	2	3	4
16. Handicapped students	1	2	3	4

VI. In general, how well do you like attending this college? (Check one.)

1. ( ) I don't like it.
2. ( ) I am more or less neutral about it.
3. ( ) I like it.
4. ( ) I am enthusiastic about it.

VII. What are your suggestions for improving this college?

MAHALOI

Please drop your completed survey in the box provided as you check out.



APPENDIX B

TABLES FOR EACH ITEM  
BY PROGRAM ONLY

ITEM1A WORKING THIS SEMESTER?

ITEM1A	COUNT COL PCT	ORGSTRUC						ROW TOTAL	
		LIBERAL ARTS		BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES		UNCLAS- SIFIED
		1	2	3	4	5	6		
NO	1	157 30.7	71 25.0	28 59.6	30 25.2	1 20.0	17 24.6	304 29.4	
YES, FULL-TIME	2	79 15.5	53 18.7	1 2.1	18 15.1	3 60.0	24 34.8	178 17.2	
YES, PARTTIME	3	275 53.8	160 56.3	18 38.3	71 59.7	1 20.0	28 40.6	553 53.4	
COLUMN TOTAL		511 49.4	284 27.4	47 4.5	119 11.5	5 0.5	69 6.7	1035 100.0	

3 OUT OF 18 ( 16.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.860  
 RAW CHI SQUARE = 50.14995 WITH 10 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000  
 NUMBER OF MISSING OBSERVATIONS = 19

ITEM1B FEELINGS ABOUT MY JOB

ITEM1B	COUNT COL PCT	ORGSTRUC						ROW TOTAL	
		LIBERAL ARTS		BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES		UNCLAS- SIFIED
		1	2	3	4	5	6		
WILL CONTINUE	1	244 73.3	153 75.4	14 77.8	56 71.8	3 75.0	39 78.0	509 74.2	
SEEK ANOTHER JOB	2	89 26.7	50 24.6	4 22.2	22 28.2	1 25.0	11 22.0	177 25.8	
COLUMN TOTAL		333 48.5	203 29.6	18 2.6	78 11.4	4 0.6	50 7.3	686 100.0	

3 OUT OF 12 ( 25.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 1.032  
 RAW CHI SQUARE = 1.02891 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.9602  
 NUMBER OF MISSING OBSERVATIONS = 368

ITEM1C RELATION OF JOB TO CON. COLLEGE STUDIES

ITEM1C	COUNT COL PCT	ORGSTRUC						ROW TOTAL	
		LIBERAL ARTS		BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES		UNCLAS- SIFIED
		1	2	3	4	5	6		
CLOSELY RELATED	1	29 8.4	59 24.0	5 26.3	31 35.2	1 25.0	10 19.2	126 17.6	
SOMEWHAT RELATED	2	103 29.9	88 42.3	6 31.6	30 34.1	2 50.0	12 23.1	241 33.7	
NOT RELATED	3	213 61.7	70 33.7	8 42.1	27 30.7	1 25.0	30 57.7	349 48.7	
COLUMN TOTAL		345 48.2	208 29.1	19 2.7	88 12.3	4 0.6	52 7.3	716 100.0	

4 OUT OF 18 ( 22.2%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.704  
 RAW CHI SQUARE = 75.26395 WITH 10 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000  
 NUMBER OF MISSING OBSERVATIONS = 338

ITEM21	EVAL. OF KCC: INSTRUCTION
--------	---------------------------

ITEM21	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
NOT SATISFIED	1	5 1.0	2 0.7	0 0.0	3 2.6	0 0.0	2 3.0	12 1.2
	2	28 5.6	14 4.9	3 6.0	6 5.2	0 0.0	4 6.1	55 5.4
SATISFIED	3	360 72.1	201 71.0	34 68.0	70 60.3	5 100.0	35 53.0	705 69.2
	4	78 15.6	43 15.2	11 22.0	28 24.1	0 0.0	16 24.2	176 17.3
VERY SATISFIED	5	28 5.6	23 8.1	2 4.0	9 7.8	0 0.0	9 13.6	71 7.0
	COLUMN TOTAL	499 49.0	283 27.8	50 4.9	116 11.4	5 0.5	66 6.5	1019 100.0

13 OUT OF 30 (43.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.059  
 RAW CHI SQUARE = 26.15178 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1609  
 NUMBER OF MISSING OBSERVATIONS = 35

ITEM22	EVAL. OF KCC: FACULTY-STUDENT RELATIONS
--------	---

ITEM22	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
NOT SATISFIED	1	2 0.4	4 1.4	0 0.0	2 1.8	0 0.0	1 1.5	9 0.9
	2	34 6.8	31 11.0	3 6.4	7 6.1	0 0.0	4 6.2	79 7.8
SATISFIED	3	351 70.6	171 60.6	32 68.1	70 61.4	4 80.0	37 56.9	665 65.8
	4	80 16.1	51 18.1	9 19.1	22 19.3	1 20.0	12 18.5	175 17.3
VERY SATISFIED	5	30 6.0	25 8.9	3 6.4	13 11.4	0 0.0	11 16.9	82 8.1
	COLUMN TOTAL	497 49.2	282 27.9	47 4.7	114 11.3	5 0.5	65 6.4	1010 100.0

12 OUT OF 30 (40.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.045  
 RAW CHI SQUARE = 25.62242 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1786  
 NUMBER OF MISSING OBSERVATIONS = 44

ITEM23	EVAL. OF KCC: VARIETY OF COURSES
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ITEM23	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
NOT SATISFIED	1	45 9.1	17 6.1	0 0.0	6 5.5	0 0.0	6 9.1	74 7.4
	2	130 26.4	55 19.7	12 25.0	13 11.9	0 0.0	15 22.7	225 22.5
SATISFIED	3	246 49.9	151 54.1	27 56.3	58 53.2	4 80.0	34 51.5	520 52.0
	4	56 11.4	44 15.8	7 14.6	25 22.9	0 0.0	5 7.6	137 13.7
VERY SATISFIED	5	16 3.2	12 4.3	2 4.2	7 6.4	1 20.0	6 9.1	44 4.4
	COLUMN TOTAL	493 49.3	279 27.9	48 4.8	109 10.9	5 0.5	66 6.6	1000 100.0

10 OUT OF 30 (33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.220  
 RAW CHI SQUARE = 40.60794 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0042  
 NUMBER OF MISSING OBSERVATIONS = 54

ITEM24 EVAL. OF KCC: INTELLECTUAL ENVIRONMENT

ITEM24	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
NOT SATISFIED	1	11 2.2	6 2.2	2 4.1	1 0.9	0 0.0	0 0.0	20 2.0
	2	69 14.1	27 9.9	5 10.2	9 8.1	2 40.0	7 11.1	119 12.0
SATISFIED	3	346 70.5	204 74.5	33 67.3	83 74.8	2 40.0	43 68.3	711 71.6
	4	55 11.2	31 11.3	8 16.3	14 12.6	1 20.0	8 12.7	117 11.8
VERY SATISFIED	5	10 2.0	6 2.2	1 2.0	4 3.6	0 0.0	5 7.9	26 2.6
	COLUMN TOTAL	491 49.4	274 27.6	49 4.9	111 11.2	5 0.5	63 6.3	993 100.0

11 OUT OF 30 ( 36.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.101  
 RAW CHI SQUARE = 22.04469 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.3381  
 NUMBER OF MISSING OBSERVATIONS = 61

ITEM25 EVAL. OF KCC: ORIENTATION

ITEM25	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
NOT SATISFIED	1	11 2.2	6 2.2	2 4.2	4 3.5	0 0.0	2 3.1	25 2.5
	2	49 10.0	34 12.4	1 2.1	11 9.7	0 0.0	6 9.4	101 10.2
SATISFIED	3	361 73.8	184 66.9	35 72.9	77 68.1	3 75.0	40 62.5	700 70.5
	4	52 10.6	33 12.0	8 16.7	17 15.0	1 25.0	12 18.8	123 12.4
VERY SATISFIED	5	16 3.3	18 6.5	2 4.2	4 3.5	0 0.0	4 6.3	44 4.4
	COLUMN TOTAL	489 49.2	275 27.7	48 4.8	113 11.4	4 0.4	64 6.4	993 100.0

11 OUT OF 30 ( 36.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.101  
 RAW CHI SQUARE = 18.62968 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.5400  
 NUMBER OF MISSING OBSERVATIONS = 61

ITEM26 EVAL. OF KCC: COUNSELING-ACADEM. ADVISNG

ITEM26	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
NOT SATISFIED	1	16 3.3	8 3.0	0 0.0	3 2.7	2 0.0	4 6.6	31 3.2
	2	67 13.9	33 12.2	3 6.4	6 5.5	0 0.0	11 18.0	120 12.3
SATISFIED	3	311 64.7	163 60.1	31 66.0	66 60.0	3 75.0	32 52.5	606 62.2
	4	71 14.8	47 17.3	10 21.3	25 22.7	1 25.0	10 16.4	164 16.8
VERY SATISFIED	5	16 3.3	20 7.4	3 6.4	10 9.1	0 0.0	4 6.6	53 5.4
	COLUMN TOTAL	481 49.4	271 27.8	47 4.8	110 11.3	4 0.4	61 6.3	974 100.0

10 OUT OF 30 ( 33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.127  
 RAW CHI SQUARE = 27.71608 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1163  
 NUMBER OF MISSING OBSERVATIONS = 80

ITEM27	EVAL. OF KCC: FINANCIAL AIC SERVICES
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ITEM27	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL PARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
NOT SATISFIED	1	8	3	0	2	0	0	13
		1.8	1.2	0.0	2.0	0.0	0.0	1.5
	2	41	24	5	4	0	3	77
		9.5	9.6	12.2	4.1	0.0	6.5	8.8
SATISFIED	3	309	160	26	68	2	37	602
		71.4	64.0	63.4	69.4	66.7	80.4	69.1
	4	59	39	6	14	1	4	123
		13.6	15.6	14.6	14.3	33.3	8.7	14.1
VERY SATISFIED	5	16	24	4	10	0	2	56
		3.7	9.6	9.8	10.2	0.0	4.3	6.4
COLUMN TOTAL		433	250	41	98	3	46	871
		49.7	28.7	4.7	11.3	0.3	5.3	100.0

13 OUT OF 30 ( 43.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.045  
 RAW CHI SQUARE = 22.83473 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.2970  
 NUMBER OF MISSING OBSERVATIONS = 183

ITEM28	EVAL. OF KCC: STUDENT EMPLOYMENT SERV.
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ITEM28	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL PARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
NOT SATISFIED	1	12	4	1	3	0	0	20
		2.9	1.6	2.5	3.1	0.0	0.0	2.3
	2	36	22	1	10	0	2	71
		8.6	8.9	2.5	10.4	0.0	4.2	8.3
SATISFIED	3	295	157	32	68	3	37	592
		70.4	63.8	80.0	70.8	100.0	77.1	69.5
	4	64	45	4	13	0	6	132
		15.3	18.3	10.0	13.5	0.0	12.5	15.5
VERY SATISFIED	5	12	18	2	2	0	3	37
		2.9	7.3	5.0	2.1	0.0	6.3	4.3
COLUMN TOTAL		419	246	40	96	3	48	852
		49.2	28.9	4.7	11.3	0.4	5.6	100.0

13 OUT OF 30 ( 43.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.070  
 RAW CHI SQUARE = 20.48265 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.4281  
 NUMBER OF MISSING OBSERVATIONS = 202

ITEM29	EVAL. OF KCC: FRIENDSHIP WITH STUDENTS
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ITEM29	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL PARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
NOT SATISFIED	1	2	2	1	1	0	2	8
		0.4	0.7	2.1	0.9	0.0	3.0	0.8
	2	21	13	1	3	0	4	42
		4.3	4.9	2.1	2.7	0.0	6.1	4.3
SATISFIED	3	292	149	23	51	3	40	558
		59.8	55.6	48.9	45.5	75.0	60.6	56.6
	4	132	64	15	33	0	12	256
		27.0	23.9	31.9	29.5	0.0	18.2	26.0
VERY SATISFIED	5	41	40	7	24	1	8	121
		8.4	14.9	14.9	21.4	25.0	12.1	12.3
COLUMN TOTAL		488	268	47	112	4	66	985
		49.5	27.2	4.8	11.4	0.4	6.7	100.0

13 OUT OF 30 ( 43.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.032  
 RAW CHI SQUARE = 32.69737 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0364

NUMBER OF MISSING OBSERVATIONS = 69

ITEM210 EVAL. OF KCC: FACILITIES-EQUIPMENT

ITEM210	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL PARTS	BUSINESS	HEALTH SERVICES	FOCO SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
NOT SATISFIED	1	20 4.2	5 1.9	5 10.4	2 1.9	0 0.0	2 3.3	34 3.5
	2	74 15.6	41 15.4	14 25.2	11 20.3	1 20.0	8 13.1	149 15.5
SATISFIED	3	306 64.7	159 59.8	24 50.0	69 64.5	3 60.0	41 67.2	602 62.7
	4	57 12.1	48 18.0	3 6.3	22 20.6	0 0.0	7 11.5	137 14.3
VERY SATISFIED	5	16 3.4	13 4.9	2 4.2	3 2.8	1 20.0	3 4.9	36 4.0
	COLUMN TOTAL	473 49.3	266 27.7	48 5.0	107 11.1	5 0.5	61 6.4	960 100.0

11 OUT OF 30 ( 36.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.177  
 RAW CHI SQUARE = 35.45119 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0178

NUMBER OF MISSING OBSERVATIONS = 94

ITEM211 EVAL. OF KCC: TOTAL EXPERIENCE AT KCC

ITEM211	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL PARTS	BUSINESS	HEALTH SERVICES	FOCO SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
NOT SATISFIED	1	4 0.8	3 1.1	0 0.0	3 2.8	0 0.0	2 3.1	12 1.2
	2	36 7.5	21 7.7	8 16.7	6 5.6	0 0.0	8 12.5	79 8.0
SATISFIED	3	338 70.0	164 59.9	27 56.3	55 50.9	4 80.0	33 51.6	621 63.2
	4	90 18.6	59 21.5	10 20.8	30 27.8	1 20.0	17 26.6	207 21.1
VERY SATISFIED	5	15 3.1	27 9.9	3 6.3	14 13.0	0 0.0	4 6.3	63 6.4
	COLUMN TOTAL	483 49.2	274 27.9	48 4.9	108 11.0	5 0.5	64 6.5	982 100.0

12 OUT OF 30 ( 40.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.061  
 RAW CHI SQUARE = 46.82214 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0006

NUMBER OF MISSING OBSERVATIONS = 72

ITEM31 SAW ADVISOR PAST SEM. OTHER THAN REGIS.

	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
ITEM31		1	2	3	4	5	6	
YES	1	169 33.9	88 31.5	36 72.0	51 43.6	1 20.0	18 26.9	363 35.7
NO	2	329 66.1	191 68.5	14 28.0	66 56.4	4 80.0	49 73.1	653 64.3
	COLUMN TOTAL	498 49.0	279 27.5	50 4.9	117 11.5	5 0.5	67 6.6	1016 100.0

2 OUT OF 12 ( 16.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 1.786  
 RAW CHI SQUARE = 37.45276 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000  
 NUMBER OF MISSING OBSERVATIONS = 38

ITEM32 SAM HELPFUL. DIDN'T NEED ADVISOR

	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICE	UNCLAS- SIFIED	
ITEM32		1	2	3	4	5	6	
YES	1	280 59.7	197 73.8	27 60.0	87 77.7	3 60.0	27 46.6	621 65.0
NO	2	189 40.3	70 26.2	18 40.0	25 22.3	2 40.0	31 53.4	335 35.0
	COLUMN TOTAL	469 49.1	267 27.9	45 4.7	112 11.7	5 0.5	58 6.1	956 100.0

2 OUT OF 12 ( 16.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 1.752  
 RAW CHI SQUARE = 31.96207 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000  
 NUMBER OF MISSING OBSERVATIONS = 98

ITEM33 COLLEGE CATALOG USEFUL

	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
ITEM33		1	2	3	4	5	6	
YES	1	442 90.2	259 92.8	44 38.0	111 95.7	4 80.0	59 92.2	919 91.5
NO	2	48 9.8	20 7.2	6 12.0	5 4.3	1 20.0	5 7.8	85 8.5
	COLUMN TOTAL	490 48.8	279 27.8	50 5.0	116 11.6	5 0.5	64 6.4	1004 100.0

3 OUT OF 17 ( 25.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.423  
 RAW CHI SQUARE = 6.00899 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.3053  
 NUMBER OF MISSING OBSERVATIONS = 50

ITEM34 KNOW GRAD. REQUIREMENTS FOR MY MAJOR

	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
ITEM34		1	2	3	4	5	6	
YES	1	337 68.6	241 86.4	47 57.9	109 94.8	5 100.0	32 52.5	771 77.2
NO	2	154 31.4	38 13.6	1 2.1	6 5.2	0 0.0	29 47.5	228 22.8
	COLUMN TOTAL	491 49.1	279 27.9	48 4.8	115 11.5	5 0.5	61 6.1	999 100.0

2 OUT OF 12 ( 16.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 1.141  
 RAW CHI SQUARE = 88.34874 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000  
 NUMBER OF MISSING OBSERVATIONS = 55

ITEM35 ADED. INFO-TRANSF. OF COURSES TO 4 YR COL

ITEM35	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
YES	1	331 68.4	197 72.7	41 82.0	87 79.8	4 80.0	43 72.9	703 71.9
NO	2	153 31.6	74 27.3	9 18.0	22 20.2	1 20.0	16 27.1	275 28.1
COLUMN TOTAL		484 49.5	271 27.7	50 5.1	109 11.1	5 0.5	59 6.0	978 100.0

2 OUT OF 12 ( 16.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 1.406  
 RAW CHI SQUARE = 9.13076 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1040

NUMBER OF MISSING OBSERVATIONS = 76

ITEM36 COURSE DESCRIPTIONS GENERALLY ACCURATE

ITEM36	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
YES	1	431 88.0	257 93.8	48 96.0	102 88.7	5 100.0	58 89.2	901 90.2
NO	2	59 12.0	17 6.2	2 4.0	13 11.3	0 0.0	7 10.8	98 9.8
COLUMN TOTAL		490 49.0	274 27.4	50 5.0	115 11.5	5 0.5	65 6.5	999 100.0

3 OUT OF 12 ( 25.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.490  
 RAW CHI SQUARE = 9.59169 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0877

NUMBER OF MISSING OBSERVATIONS = 55

ITEM41 REGIS. PROCEDURES CLEAR, EASY TO FOLLOW

ITEM41	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
STRONGLY DISAGREE	1	10 2.1	7 2.7	2 2.0	4 3.8	0 0.0	2 3.5	24 2.5
	2	44 9.1	17 6.6	5 10.0	13 12.5	0 0.0	5 8.8	84 8.8
AC	3	346 71.9	185 72.0	32 64.0	78 75.0	3 60.0	40 70.2	684 71.7
	4	54 11.2	31 12.1	6 12.0	4 3.8	1 20.0	5 8.8	101 10.6
STRONGLY AGREE	5	27 5.6	17 6.6	6 12.0	5 4.8	1 20.0	5 8.8	61 6.4
COLUMN TOTAL		481 50.4	257 26.9	50 5.2	104 10.9	5 0.5	57 6.0	954 100.0

11 OUT OF 30 ( 36.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.126  
 RAW CHI SQUARE = 16.99739 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.6531

NUMBER OF MISSING OBSERVATIONS = 100

ITEM42 ABLE TO ENROLL IN MOST DESIRED COURSES

ITEM42	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
STRONGLY DISAGREE	1	56 11.7	15 5.9	0 0.0	10 9.6	0 0.0	6 10.2	87 9.2
	2	89 18.5	37 14.6	4 8.2	13 12.5	0 0.0	10 16.9	153 16.1
AGREE	3	229 47.7	127 50.2	19 38.8	53 51.0	3 60.0	28 47.5	459 48.3
	4	54 11.3	45 17.8	12 24.5	20 19.2	0 0.0	6 10.2	137 14.4
STRONGLY AGREE	5	52 10.8	29 11.5	14 28.6	8 7.7	2 40.0	9 15.3	114 12.0
	COLUMN TOTAL	480 50.5	253 26.6	49 5.2	104 10.9	5 0.5	59 6.2	950 100.0

6 OUT OF 30 ( 20.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.458  
 RAW CHI SQUARE = 47.48558 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0005  
 NUMBER OF MISSING OBSERVATIONS = 104

ITEM43 GRADING SYSTEM AS A WHOLE IS FAIR

ITEM43	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
STRONGLY DISAGREE	1	4 0.8	0 0.0	0 0.0	1 1.0	0 0.0	0 0.0	5 0.5
	2	25 5.3	19 7.7	2 4.2	2 2.0	0 0.0	3 5.4	51 5.5
AGREE	3	351 74.5	164 66.1	31 64.6	77 78.6	3 60.0	36 64.3	662 71.5
	4	59 12.5	46 18.5	10 20.8	10 10.2	2 40.0	11 19.6	138 14.9
STRONGLY AGREE	5	32 6.8	19 7.7	5 10.4	3 8.2	0 0.0	6 10.7	70 7.6
	COLUMN TOTAL	471 50.9	248 26.8	48 5.2	98 10.6	5 0.5	56 6.0	926 100.0

14 OUT OF 30 ( 46.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.027  
 RAW CHI SQUARE = 22.57387 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.3102  
 NUMBER OF MISSING OBSERVATIONS = 128

ITEM44 COURSES IN MAJOR RELEVANT TO CAREER PLAN

ITEM44	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
STRONGLY DISAGREE	1	3 0.7	0 0.0	0 0.0	2 2.0	0 0.0	3 5.4	8 0.9
	2	50 10.8	8 3.2	1 2.0	2 2.0	0 0.0	4 7.1	65 7.0
AGREE	3	335 72.7	157 62.8	20 40.8	62 60.8	3 60.0	35 62.5	612 66.3
	4	58 12.6	59 23.6	13 26.5	21 20.6	0 0.0	7 12.5	158 17.1
STRONGLY AGREE	5	15 3.3	26 10.4	15 30.6	15 14.7	2 40.0	7 12.5	80 8.7
	COLUMN TOTAL	461 49.9	250 27.1	49 5.3	102 11.1	5 0.5	56 6.1	923 100.0

14 OUT OF 30 ( 46.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.043  
 RAW CHI SQUARE = 117.63371 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000  
 NUMBER OF MISSING OBSERVATIONS = 131



ITEM45 MOST OF MY CLASSES TOO LARGE

ITEM45	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
STRONGLYDISAGREE	1	31	16	4	8	1	12	72
		6.7	6.6	8.2	8.2	20.0	21.4	7.9
	2	241	121	23	47	4	24	460
		52.3	50.2	46.9	48.0	80.0	42.9	50.5
AGREE	3	169	82	13	37	0	18	319
		36.7	34.0	26.5	37.8	0.0	32.1	35.1
	4	12	17	5	3	0	1	38
		2.6	7.1	10.2	3.1	0.0	1.8	4.2
STRONGLY AGREE	5	8	5	4	3	0	1	21
		1.7	2.1	8.2	3.1	0.0	1.8	2.3
COLUMN TOTAL		461	241	49	98	5	56	910
		50.7	26.5	5.4	10.8	0.5	6.2	100.0

13 OUT OF 30 (43.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.115  
 RAW CHI SQUARE = 42.20450 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0026

NUMBER OF MISSING OBSERVATIONS = 144

ITEM46 AVAILABLE CLASS EQUIPMENT ADEQUATE

ITEM46	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
STRONGLYDISAGREE	1	8	8	5	1	0	2	24
		1.8	3.3	10.0	1.0	0.0	3.9	2.7
	2	59	29	7	3	0	7	105
		13.4	12.1	14.0	3.0	0.0	13.7	11.9
AGREE	3	328	158	29	69	4	31	619
		74.5	65.8	58.0	69.7	80.0	60.8	69.9
	4	34	32	5	19	1	7	98
		7.7	13.3	10.0	19.2	20.0	13.7	11.1
STRONGLY AGREE	5	11	13	4	7	0	4	39
		2.5	5.4	8.0	7.1	0.0	7.8	4.4
COLUMN TOTAL		440	240	50	99	5	51	885
		49.7	27.1	5.6	11.2	0.6	5.8	100.0

11 OUT OF 30 (36.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.136  
 RAW CHI SQUARE = 45.07238 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0008

NUMBER OF MISSING OBSERVATIONS = 169

ITEM47 MOST COURSES REQUIRE OUT OF CLASS STUDY

ITEM47	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
STRONGLYDISAGREE	1	4	1	0	2	0	0	7
		0.9	0.4	0.0	2.0	0.0	0.0	0.8
	2	106	52	3	18	2	15	196
		23.0	21.8	6.1	17.6	40.0	27.3	21.5
AGREE	3	282	145	26	67	2	30	552
		61.2	60.7	53.1	65.7	40.0	54.5	60.6
	4	51	37	11	13	1	7	120
		11.1	15.5	22.4	12.7	20.0	12.7	13.2
STRONGLY AGREE	5	18	4	9	2	0	3	36
		3.9	1.7	18.4	2.0	0.0	5.5	4.0
COLUMN TOTAL		461	239	49	102	5	55	911
		50.6	26.2	5.4	11.2	0.5	6.0	100.0

13 OUT OF 30 (43.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.038  
 RAW CHI SQUARE = 49.35918 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0003

NUMBER OF MISSING OBSERVATIONS = 143

ITEM48 ENJOYED MOST OF COURSES AT KCC

COUNT COL PCT	ORGSTRUC						ROW TOTAL
	LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
	1	2	3	4	5	6	
ITEM48							
1	2	0	0	2	0	1	5
STRONGLYDISAGREE	0.4	0.0	0.0	2.1	0.0	1.9	0.6
2	46	27	3	3	0	6	84
	10.1	11.1	6.1	3.1	0.0	9.3	9.3
3	324	150	29	62	4	28	597
AGREE	70.9	61.5	59.2	64.6	80.0	51.9	66.0
4	59	51	13	22	1	6	152
	12.9	20.9	26.5	22.9	20.0	11.1	16.8
5	26	16	4	7	0	14	67
STRONGLY AGREE	5.7	6.6	8.2	7.3	0.0	25.9	7.4
COLUMN TOTAL	457	244	49	96	5	54	905
	50.5	27.0	5.4	10.6	0.6	6.0	100.0

13 OUT OF 30 (43.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.028  
 RAW CHI SQUARE = 58.12517 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000  
 NUMBER OF MISSING OBSERVATIONS = 149

ITEM49 SATISFIED WITH GENERAL ED. COURSES

COUNT COL PCT	ORGSTRUC						ROW TOTAL
	LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
	1	2	3	4	5	6	
ITEM49							
1	2	0	0	0	0	1	3
STRONGLYDISAGREE	0.4	0.0	0.0	0.0	0.0	1.9	0.3
2	27	12	4	4	0	4	51
	5.8	5.1	8.3	4.1	0.0	7.5	5.6
3	360	166	29	67	5	27	654
AGREE	76.8	70.3	60.4	68.4	100.0	50.9	71.9
4	57	50	11	23	0	12	153
	12.2	21.2	22.9	23.5	0.0	22.6	16.8
5	23	8	4	4	0	9	48
STRONGLY AGREE	4.9	3.4	8.3	4.1	0.0	17.0	5.3
COLUMN TOTAL	469	236	48	98	5	53	909
	51.6	26.0	5.3	10.8	0.6	5.8	100.0

14 OUT OF 30 (46.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.017  
 RAW CHI SQUARE = 44.69026 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0012  
 NUMBER OF MISSING OBSERVATIONS = 145

ITEM410 SATISFIED WITH MAJOR FIELD COURSES

COUNT COL PCT	ORGSTRUC						ROW TOTAL
	LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
	1	2	3	4	5	6	
ITEM410							
1	2	1	0	1	0	1	5
STRONGLYDISAGREE	0.4	0.4	0.0	1.0	0.0	1.8	0.6
2	35	18	4	5	0	3	65
	7.8	7.3	8.0	5.0	0.0	5.5	7.2
3	331	156	29	64	4	34	618
AGREE	73.9	63.2	58.0	63.4	80.0	61.8	68.2
4	56	56	11	25	1	8	157
	12.5	22.7	22.0	24.8	20.0	14.5	17.3
5	24	16	6	6	0	9	61
STRONGLY AGREE	5.4	6.5	12.0	5.9	0.0	16.4	6.7
COLUMN TOTAL	448	247	50	101	5	55	906
	49.4	27.3	5.5	11.1	0.6	6.1	100.0

14 OUT OF 30 (46.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.028  
 RAW CHI SQUARE = 34.16614 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0250  
 NUMBER OF MISSING OBSERVATIONS = 148

ITEM411 WANT TO LEARN HOW TO LEARN

ITEM411	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
STRONGLYDISAGREE	1	9 2.0	2 0.8	2 4.2	2 2.1	0 0.0	0 0.0	15 1.7
	2	40 8.8	20 8.3	5 10.4	7 7.3	2 50.0	7 12.5	81 9.0
AGREE	3	264 58.1	140 58.3	28 58.3	59 61.5	1 25.0	29 51.8	521 58.0
	4	86 18.9	54 22.5	10 20.8	17 17.7	1 25.0	8 14.3	176 19.6
STRONGLY AGREE	5	55 12.1	24 10.0	3 6.3	11 11.5	0 0.0	12 21.4	105 11.7
COLUMN TOTAL		454 50.6	240 26.7	48 5.3	96 10.7	4 0.4	56 6.2	898 100.0

10 OUT OF 30 (33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.067  
 RAW CHI SQUARE = 23.35316 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.2718  
 NUMBER OF MISSING OBSERVATIONS = 156

ITEM412 MOST STUD. SET HIGH ACHIEVEMENT STANDARD

ITEM412	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
STRONGLYDISAGREE	1	2 0.4	1 0.4	1 2.1	1 1.0	0 0.0	0 0.0	5 0.6
	2	56 12.1	23 9.7	4 8.3	10 10.0	1 20.0	9 18.0	103 11.4
AGREE	3	304 65.5	152 63.9	30 62.5	66 66.0	4 80.0	27 54.0	583 64.4
	4	83 17.9	45 18.9	10 20.8	16 16.0	0 0.0	10 20.0	164 18.1
STRONGLY AGREE	5	19 4.1	17 7.1	3 6.3	7 7.0	0 0.0	4 8.0	50 5.5
COLUMN TOTAL		464 51.3	238 26.3	48 5.3	100 11.0	5 0.6	50 5.5	905 100.0

12 OUT OF 30 (40.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.028  
 RAW CHI SQUARE = 13.37415 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.8608  
 NUMBER OF MISSING OBSERVATIONS = 149

ITEM413 STUDENTS FOLLOW COL. RULES, REGULATIONS

ITEM413	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
STRONGLYDISAGREE	1	2 0.4	0 0.0	1 2.0	1 1.0	0 0.0	1 1.8	5 0.5
	2	40 8.7	25 10.1	2 4.1	5 5.1	1 20.0	5 9.1	78 8.5
AGREE	3	340 74.1	170 68.5	36 73.5	70 70.7	3 60.0	39 70.9	658 71.9
	4	61 13.3	42 16.9	8 16.3	20 20.2	1 20.0	9 16.4	141 15.4
STRONGLY AGREE	5	16 3.5	11 4.4	2 4.1	3 3.0	0 0.0	1 1.8	33 3.6
COLUMN TOTAL		459 50.2	248 27.1	49 5.4	99 10.8	5 0.5	55 6.0	915 100.0

15 OUT OF 30 (50.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.027  
 RAW CHI SQUARE = 14.95713 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.7771  
 NUMBER OF MISSING OBSERVATIONS = 139

ITEM414 THERE IS FEELING OF OHANA AT KCC

ITEM414	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -MCPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
STRONGLYDISAGREE	1	11 2.4	5 2.1	3 6.5	2 2.0	0 0.0	1 2.0	22 2.5
	2	103 22.8	38 16.0	7 15.2	14 13.7	0 0.0	10 19.6	172 19.3
AGREE	3	289 63.9	150 63.0	29 63.0	59 57.8	3 75.0	31 60.8	561 62.8
	4	36 8.0	31 13.0	5 10.9	22 21.6	1 25.0	5 9.8	100 11.2
STRONGLY AGREE	5	13 2.9	14 5.9	2 4.3	5 4.9	0 0.0	4 7.8	38 4.3
COLUMN TOTAL		452 50.6	238 26.7	46 5.2	102 11.4	4 0.4	51 5.7	893 100.0

11 OUT OF 30 ( 36.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.099  
 RAW CHI SQUARE = 31.94257 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0439  
 NUMBER OF MISSING OBSERVATIONS = 161

ITEM415 STUDENT'S COMPLAINT CHANNELS ACCESSIBLE

ITEM415	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -MCPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
STRONGLYDISAGREE	1	14 3.1	3 1.3	2 4.2	2 2.1	0 0.0	0 0.0	21 2.4
	2	89 20.0	55 24.2	6 12.5	20 21.1	1 20.0	11 22.9	182 20.9
AGREE	3	294 65.9	141 62.1	35 72.9	62 65.3	4 80.0	30 62.5	566 65.1
	4	40 9.0	25 11.0	3 6.3	8 8.4	0 0.0	5 10.4	81 9.3
STRONGLY AGREE	5	9 2.0	3 1.3	2 4.2	3 3.2	0 0.0	2 4.2	19 2.2
COLUMN TOTAL		446 51.3	227 26.1	48 5.5	95 10.9	5 0.6	48 5.5	869 100.0

14 OUT OF 30 ( 46.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.109  
 RAW CHI SQUARE = 13.07650 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.8741  
 NUMBER OF MISSING OBSERVATIONS = 185

ITEM416 EASY TO HAVE COLLEGE RECCRDS CORRECTED

ITEM416	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -MCPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
STRONGLYDISAGREE	1	15 3.6	7 3.2	0 0.0	3 3.3	0 0.0	2 4.5	27 3.3
	2	97 23.5	35 15.9	10 25.6	17 18.7	2 66.7	11 25.0	172 21.3
AGREE	3	269 65.3	157 71.4	27 69.2	61 67.0	1 33.3	27 61.4	542 67.0
	4	26 6.3	16 7.3	1 2.6	7 7.7	0 0.0	2 4.5	52 6.4
STRONGLY AGREE	5	5 1.2	5 2.3	1 2.6	3 3.3	0 0.0	2 4.5	16 2.0
COLUMN TOTAL		412 50.9	220 27.2	39 4.8	91 11.2	3 0.4	44 5.4	809 100.0

14 OUT OF 30 ( 46.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.059  
 RAW CHI SQUARE = 16.61115 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.6781  
 NUMBER OF MISSING OBSERVATIONS = 245

ITEM417 PHYSICAL FACILITIES LESSENER ENJOYMENT

COUNT COL PCT	ORGSTRUC						ROW TOTAL
	LIBERAL IARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
	1	2	3	4	5	6	
ITEM417							
STRONGLYDISAGREE	1	20	8	5	3	0	44
		4.6	3.6	11.1	3.4	0.0	5.2
	2	154	73	10	26	1	281
		35.2	32.6	22.2	29.5	50.0	33.3
AGREE	3	220	116	22	52	1	428
		50.2	51.8	48.9	59.1	50.0	50.8
	4	31	19	4	3	0	61
		7.1	8.5	8.9	3.4	0.0	7.2
STRONGLY AGREE	5	13	8	4	4	0	29
		3.0	3.6	8.9	4.5	0.0	3.4
COLUMN TOTAL		438	224	45	88	2	843
		52.0	26.6	5.3	10.4	0.2	100.0

13 OUT OF 30 ( 43.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.069  
 RAW CHI SQUARE = 32.99982 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0337  
 NUMBER OF MISSING OBSERVATIONS = 211

ITEM418 DESIRED BOOKS & PERIOD. AVAIL. IN LIB.

COUNT COL PCT	ORGSTRUC						ROW TOTAL
	LIBERAL IARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
	1	2	3	4	5	6	
ITEM418							
STRONGLYDISAGREE	1	29	5	0	5	0	42
		6.7	2.2	0.0	5.6	0.0	5.0
	2	82	41	10	13	0	156
		18.8	18.4	22.7	14.4	0.0	18.7
AGREE	3	284	144	26	61	1	540
		65.1	65.6	59.1	67.8	100.0	64.6
	4	31	26	4	7	0	71
		7.1	11.7	9.1	7.8	0.0	8.5
STRONGLY AGREE	5	10	7	4	4	0	27
		2.3	3.1	9.1	4.4	0.0	3.2
COLUMN TOTAL		436	223	44	90	1	836
		52.2	26.7	5.3	10.8	0.1	100.0

13 OUT OF 30 ( 43.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.032  
 RAW CHI SQUARE = 21.86699 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.3478  
 NUMBER OF MISSING OBSERVATIONS = 218

ITEM419 LIBRARY'S EVENING HRS. SUFFICIENT

COUNT COL PCT	ORGSTRUC						ROW TOTAL
	LIBERAL IARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
	1	2	3	4	5	6	
ITEM419							
STRONGLYDISAGREE	1	17	3	1	4	0	27
		4.0	1.3	2.2	4.6	0.0	3.3
	2	59	31	2	10	0	106
		14.0	13.8	4.4	11.5	0.0	12.9
AGREE	3	297	162	34	63	1	584
		70.4	72.0	75.6	72.4	50.0	71.1
	4	37	22	5	6	1	76
		8.8	9.8	11.1	6.9	50.0	9.3
STRONGLY AGREE	5	12	7	3	4	0	28
		2.8	3.1	6.7	4.6	0.0	3.4
COLUMN TOTAL		422	225	45	87	2	821
		51.4	27.4	5.5	10.6	0.2	100.0

13 OUT OF 30 ( 43.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.066  
 RAW CHI SQUARE = 15.89614 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.7230  
 NUMBER OF MISSING OBSERVATIONS = 233

ITEM420	AVAILABLE STUDENT ACTIVITIES SATISFACTRY
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COUNT COL PCT	ORGSTRUC						ROW TOTAL
	LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
	1	2	3	4	5	6	
ITEM420							
1	23	9	2	6	0	1	41
STRONGLYDISAGREE	5.3	4.0	4.5	6.5	0.0	2.6	4.9
2	70	29	5	9	0	6	119
	16.1	12.9	11.4	9.8	0.0	15.4	14.2
3	307	166	32	64	2	28	599
AGREE	70.7	73.8	72.7	69.6	100.0	71.8	71.7
4	30	18	3	11	0	3	65
	6.9	8.0	6.8	12.0	0.0	7.7	7.8
5	4	3	2	2	0	1	12
STRONGLY AGREE	0.9	1.3	4.5	2.2	0.0	2.6	1.4
COLUMN TOTAL	434	225	44	92	2	39	836
	51.9	26.9	5.3	11.0	0.2	4.7	100.0

14 OUT OF 30 (46.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.029  
 RAW CHI SQUARE = 12.47673 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.8987

NUMBER OF MISSING OBSERVATIONS = 218

ITEM51	TUTORIAL SERVICES
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COUNT COL PCT	ORGSTRUC						ROW TOTAL
	LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
	1	2	3	4	5	6	
ITEM51							
1	96	48	8	24	2	13	191
DIDN'T KNOW	23.4	21.3	18.2	26.7	50.0	28.3	23.3
2	236	129	33	52	2	23	475
KNEW.DID NOT USE	57.6	57.3	75.0	57.8	50.0	50.0	58.0
3	63	42	3	12	0	8	128
USED - SATISFIED	15.4	18.7	6.8	13.3	0.0	17.4	15.6
4	15	6	0	2	0	2	25
USED-NOT SATISFD	3.7	2.7	0.0	2.2	0.0	4.3	3.1
COLUMN TOTAL	410	225	44	90	4	46	819
	50.1	27.5	5.4	11.0	0.5	5.6	100.0

7 OUT OF 24 (29.2%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.122  
 RAW CHI SQUARE = 12.86754 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.6125

NUMBER OF MISSING OBSERVATIONS = 235

ITEM52	COOPERATIVE EDUCATION
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COUNT COL PCT	ORGSTRUC						ROW TOTAL
	LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
	1	2	3	4	5	6	
ITEM52							
1	114	43	11	19	2	10	199
DIDN'T KNOW	28.2	19.5	25.0	21.1	50.0	22.7	24.7
2	235	141	30	58	2	26	492
KNEW.DID NOT USE	58.2	64.1	66.2	64.4	50.0	59.1	61.0
3	46	34	3	12	0	8	103
USED - SATISFIED	11.4	15.5	6.8	13.3	0.0	18.2	12.8
4	9	2	0	1	0	0	12
USED-NOT SATISFD	2.2	0.9	0.0	1.1	0.0	0.0	1.5
COLUMN TOTAL	404	220	44	90	4	44	806
	50.1	27.3	5.5	11.2	0.5	5.5	100.0

8 OUT OF 24 (33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.060  
 RAW CHI SQUARE = 15.53793 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.4134

NUMBER OF MISSING OBSERVATIONS = 248

ITEM53	MATH LABS
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ITEM53	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
DIDN'T KNOW	1	68 16.6	44 19.8	3 6.7	21 23.6	2 50.0	9 19.1	147 18.0
KNEW.DID NOT USE	2	246 60.1	146 65.8	37 82.2	53 59.6	2 50.0	28 59.6	512 62.7
USED - SATISFIED	3	77 18.8	27 12.2	4 8.9	13 14.6	0 0.0	8 17.0	129 15.8
USED-NOT SATISFD	4	18 4.4	5 2.3	1 2.2	2 2.2	0 0.0	2 4.3	28 3.4
COLUMN TOTAL		409 50.1	222 27.2	45 5.5	89 10.9	4 0.5	47 5.8	816 100.0

7 OUT OF 24 ( 29.2%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.137  
 RAW CHI SQUARE = 20.85683 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1415  
 NUMBER OF MISSING OBSERVATIONS = 238

ITEM54	WRITING LABS
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ITEM54	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
DIDN'T KNOW	1	84 20.7	49 22.0	7 16.3	31 35.6	2 50.0	12 26.7	185 22.9
KNEW.DID NOT USE	2	254 62.6	137 61.4	33 76.7	42 48.3	2 50.0	25 55.6	493 61.0
USED - SATISFD	3	63 15.5	35 15.7	3 7.0	12 13.8	0 0.0	7 15.6	120 14.9
USED-NOT SATISFD	4	5 1.2	2 0.9	0 0.0	2 2.3	0 0.0	1 2.2	10 1.2
COLUMN TOT.		406 50.2	223 27.6	43 5.3	87 10.8	4 0.5	45 5.6	808 100.0

8 OUT OF 24 ( 33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.050  
 RAW CHI SQUARE = 18.65080 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.2300  
 NUMBER OF MISSING OBSERVATIONS = 246

ITEM55	GEN PLANNING
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ITEM55	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
		1	2	3	4	5	6	
DIDN'T KNOW	1	95 23.4	51 23.1	5 11.6	15 17.0	2 50.0	10 22.2	178 22.1
KNEW.DID NOT USE	2	236 58.1	132 59.7	35 81.4	48 54.5	2 50.0	26 57.8	479 59.4
USED - SATISFIED	3	61 15.0	34 15.4	3 7.0	25 28.4	0 0.0	9 20.0	132 16.4
USED-NOT SATISFD	4	14 3.4	4 1.8	0 0.0	0 0.0	0 0.0	0 0.0	18 2.2
COLUMN TOTAL		406 50.3	221 27.6	43 5.3	88 10.9	4 0.5	45 5.6	807 100.0

8 OUT OF 24 ( 33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.089  
 RAW CHI SQUARE = 27.62779 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0240  
 NUMBER OF MISSING OBSERVATIONS = 247

ITEM56 VCCATIONAL - INTEREST TESTING

COUNT COL PCT	ORGSTRUC						ROW TOTAL	
	LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED		
	1	2	3	4	5	6		
ITEM56								
DIDN'T KNOW	1	129 32.3	77 35.0	7 16.3	22 26.2	2 50.0	10 22.2	247 31.0
KNEW.DID NOT USE	2	207 51.8	112 50.9	28 65.1	45 53.6	2 50.0	28 62.2	422 53.0
USED - SATISFIED	3	54 13.5	26 11.8	7 16.3	15 17.9	0 0.0	7 15.6	109 13.7
USED-NOT SATISFD	4	10 2.5	5 2.3	1 2.3	2 2.4	0 0.0	0 0.0	18 2.3
COLUMN TOTAL		400 50.3	220 27.6	43 5.4	84 10.6	4 0.5	45 5.7	796 100.0

8 OUT OF 24 ( 33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.090  
 RAW CHI SQUARE = 12.49738 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.6411  
 NUMBER OF MISSING OBSERVATIONS = 258

ITEM57 CAREER RESOURCES LIBRARY

COUNT COL PCT	ORGSTRUC						ROW TOTAL	
	LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED		
	1	2	3	4	5	6		
ITEM57								
DIDN'T KNOW	1	136 33.8	61 27.7	8 18.6	26 29.9	2 50.0	16 36.4	249 31.1
KNEW.DID NOT USE	2	205 51.0	104 47.3	23 53.5	42 48.3	2 50.0	23 52.3	399 49.9
USED - SATISFIED	3	54 13.4	51 23.2	11 25.6	19 21.8	0 0.0	5 11.4	140 17.5
USED-NOT SATISFD	4	7 1.7	4 1.8	1 2.3	0 0.0	0 0.0	0 0.0	12 1.5
COLUMN TOTAL		402 50.3	220 27.5	43 5.4	87 10.9	4 0.5	44 5.5	800 100.0

8 OUT OF 24 ( 33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.060  
 RAW CHI SQUARE = 17.99448 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1721  
 NUMBER OF MISSING OBSERVATIONS = 254

ITEM58 CAREER WORKSHOPS

COUNT COL PCT	ORGSTRUC						ROW TOTAL	
	LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED		
	1	2	3	4	5	6		
ITEM58								
DIDN'T KNOW	1	170 42.6	86 39.1	7 16.7	27 31.0	2 50.0	15 33.3	307 38.5
KNEW.DID NOT USE	2	199 49.9	109 49.5	29 69.0	47 54.0	2 50.0	27 60.0	413 51.8
USED - SATISFIED	3	25 6.3	24 10.9	6 14.3	12 13.8	0 0.0	3 6.7	70 8.8
USED-NOT SATISFD	4	5 1.3	1 0.5	0 0.0	1 1.1	0 0.0	0 0.0	7 0.9
COLUMN TOTAL		399 50.1	220 27.6	42 5.3	87 10.9	4 0.5	45 5.6	797 100.0

11 OUT OF 24 ( 45.8%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.035  
 RAW CHI SQUARE = 22.74030 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0898  
 NUMBER OF MISSING OBSERVATIONS = 257



ITEMS15 SPECIALIZED SERVICES FOR FOREIGN STUD.

COUNT	COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL PARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS-SIFIED	
		1	2	3	4	5	6	
ITEMS15								
DIDN'T KNOW	1	128 39.3	65 34.9	11 28.6	27 33.3	2 50.0	16 41.0	249 36.9
KNEW.DID NOT USE	2	176 54.0	102 54.8	23 60.5	46 56.8	2 50.0	19 48.7	368 54.6
USED - SATISFIED	3	19 5.8	17 9.1	4 10.5	7 8.6	0 0.0	4 10.3	51 7.6
USED-NOT SATISFO	4	3 0.9	2 1.1	0 0.0	1 1.2	0 0.0	0 0.0	6 0.9
COLUMN TOTAL		326 48.4	186 27.6	38 5.6	81 12.0	4 0.6	39 5.8	674 100.0

11 OUT OF 24 ( 45.8%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.036  
 RAW CHI SQUARE = 6.63580 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.9670  
 NUMBER OF MISSING OBSERVATIONS = 380

ITEMS16 SPECIALIZED SERV. FOR HANDICAPPED STUD.

COUNT	COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL PARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS-SIFIED	
		1	2	3	4	5	6	
ITEMS16								
DIDN'T KNOW	1	123 38.2	65 35.5	10 26.3	27 33.3	2 50.0	11 29.7	238 35.8
KNEW.DID NOT USE	2	179 55.6	105 57.4	24 63.2	47 58.0	2 50.0	23 62.2	380 57.1
USED - SATISFIED	3	17 5.3	11 6.0	4 10.5	7 8.6	0 0.0	3 8.1	42 6.3
USED-NOT SATISFO	4	3 0.9	2 1.1	0 0.0	0 0.0	0 0.0	0 0.0	5 0.8
COLUMN TOTAL		322 48.4	183 27.5	38 5.7	81 12.2	4 0.6	37 5.6	665 100.0

11 OUT OF 24 ( 45.8%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.030  
 RAW CHI SQUARE = 7.20927 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.9516  
 NUMBER OF MISSING OBSERVATIONS = 389

ITEM6 HOW WELL DO YOU LIKE ATTENDING KCC?

COUNT	COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL PARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS-SIFIED	
		1	2	3	4	5	6	
ITEM6								
DOON'T LIKE IT	1	11 2.4	4 1.6	2 4.3	4 4.0	0 0.0	3 5.2	24 2.6
FEEL NEUTRAL	2	182 39.1	84 33.5	18 39.1	31 30.7	1 20.0	14 24.1	330 35.6
LIKE IT	3	239 51.3	143 57.0	19 41.3	50 49.5	4 80.0	30 51.7	485 52.3
AM ENTHUSIASTIC	4	34 7.3	20 8.0	7 15.2	16 15.8	0 0.0	11 19.0	88 9.5
COLUMN TOTAL		466 50.3	251 27.1	46 5.0	101 10.9	5 0.5	58 6.3	927 100.0

8 OUT OF 24 ( 33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.129  
 RAW CHI SQUARE = 27.07935 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0281  
 NUMBER OF MISSING OBSERVATIONS = 127

## ITEM59 CAREER EXPLORATION COURSE

	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
ITEM59		1	2	3	4	5	6	
DIDN'T KNOW	1	177 44.6	97 44.7	9 21.4	29 33.7	2 50.0	16 36.4	330 41.8
KNEW, DID NOT USE	2	194 48.9	97 44.7	27 64.3	15 52.3	2 50.0	24 54.5	389 49.2
USED - SATISFIED	3	20 5.0	21 9.7	6 14.3	12 14.0	0 0.0	4 9.1	63 8.0
USED-NOT SATISFD	4	6 1.5	2 0.9	0 0.0	0 0.0	0 0.0	0 0.0	8 1.0
COLUMN TOTAL		397 50.3	217 27.5	42 5.3	86 10.9	4 0.5	44 5.6	790 100.0

11 OUT OF 24 ( 45.8%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.041  
 RAW CHI SQUARE = 24.53235 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0566  
 NUMBER OF MISSING OBSERVATIONS = 264

## ITEM510 STUDY SKILLS MODULES

	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
ITEM510		1	2	3	4	5	6	
DIDN'T KNOW	1	171 42.5	73 33.3	11 25.6	26 29.9	2 50.0	19 43.2	302 37.8
KNEW, DID NOT USE	2	175 43.5	100 45.7	18 41.9	49 56.3	2 50.0	19 43.2	363 45.4
USED - SATISFIED	3	52 12.9	42 19.2	13 30.2	10 11.5	0 0.0	5 11.4	122 15.3
USED-NOT SATISFD	4	4 1.0	4 1.8	1 2.3	2 2.3	0 0.0	1 2.3	12 1.5
COLUMN TOTAL		402 50.3	219 27.4	43 5.4	87 10.9	4 0.5	44 5.5	799 100.0

8 OUT OF 24 ( 33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.060  
 RAW CHI SQUARE = 23.38963 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0762  
 NUMBER OF MISSING OBSERVATIONS = 255

## ITEM511 INFO SESSIONS ON COLLEGE SERVICES

	COUNT COL PCT	ORGSTRUC						ROW TOTAL
		LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
ITEM511		1	2	3	4	5	6	
DIDN'T KNOW	1	156 39.3	74 33.9	11 25.6	25 28.7	2 50.0	22 50.0	290 36.6
KNEW, DID NOT USE	2	188 47.4	104 47.7	26 60.5	46 52.9	2 50.0	17 38.6	383 48.3
USED - SATISFIED	3	46 11.6	34 15.6	5 11.6	15 17.2	0 0.0	4 9.1	104 13.1
USED-NOT SATISFD	4	7 1.8	6 2.8	1 2.3	1 1.1	0 0.0	1 2.3	16 2.0
COLUMN TOTAL		397 50.1	218 27.5	43 5.4	87 11.0	4 0.5	44 5.5	793 100.0

8 OUT OF 24 ( 33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.081  
 RAW CHI SQUARE = 14.25176 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.5065  
 NUMBER OF MISSING OBSERVATIONS = 261

ITEMS12 LIBRARY STAFF SERVICES

COUNT COL PCT	ORGSTRUC						ROW TOTAL
	LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
	1	2	3	4	5	6	
ITEMS12	1	2	3	4	5	6	
DIDN'T KNOW	111 27.7	62 28.1	5 11.9	20 22.7	2 50.0	11 25.0	211 26.4
KNEW.DID NOT USE	183 45.6	100 45.2	20 47.6	40 45.5	2 50.0	22 50.0	367 45.9
USED - SATISFIED	96 23.9	55 24.9	16 38.1	26 29.5	0 0.0	10 22.7	203 25.4
USED-NOT SATISFO	11 2.7	4 1.8	1 2.4	2 2.3	0 0.0	1 2.3	19 2.4
COLUMN TOTAL	401 50.1	221 27.6	42 5.3	88 11.0	4 0.5	44 5.5	800 100.0

7 OUT OF 24 ( 29.2%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.095  
 RAW CHI SQUARE = 10.77570 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.7683  
 NUMBER OF MISSING OBSERVATIONS = 254

ITEMS13 LIBRARY ORIENTATION SESSIONS

COUNT COL PCT	ORGSTRUC						ROW TOTAL
	LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
	1	2	3	4	5	6	
ITEMS13	1	2	3	4	5	6	
DIDN'T KNOW	154 39.1	87 39.5	6 14.3	27 31.0	2 50.0	17 38.6	293 37.0
KNEW.DID NOT USE	175 44.4	94 42.7	19 45.2	41 47.1	2 50.0	19 43.2	350 44.2
USED - SATISFIED	55 14.0	37 16.8	15 35.7	16 18.4	0 0.0	7 15.9	130 16.4
USED-NOT SATISFO	10 2.5	2 0.9	2 4.8	3 3.4	0 0.0	1 2.3	18 2.3
COLUMN TOTAL	394 49.8	220 27.8	42 5.3	87 11.0	4 0.5	44 5.6	791 100.0

7 OUT OF 24 ( 29.2%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.091  
 RAW CHI SQUARE = 23.61565 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0719  
 NUMBER OF MISSING OBSERVATIONS = 263

ITEMS14 SPECIALIZED SERVICES FOR VETERANS

COUNT COL PCT	ORGSTRUC						ROW TOTAL
	LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOPER	PUBLIC SERVICES	UNCLAS- SIFIED	
	1	2	3	4	5	6	
ITEMS14	1	2	3	4	5	6	
DIDN'T KNOW	134 40.5	74 40.0	11 28.9	34 42.5	2 50.0	14 36.8	269 39.8
KNEW.DID NOT USE	164 49.5	97 52.4	21 55.3	35 43.8	2 50.0	20 52.6	339 50.1
USED - SATISFIED	28 8.5	12 6.5	6 15.8	11 13.8	0 0.0	4 16.5	61 9.0
USED-NOT SATISFO	5 1.5	2 1.1	0 0.0	0 0.0	0 0.0	0 0.0	7 1.0
COLUMN TOTAL	331 49.0	185 27.4	38 5.6	80 11.8	4 0.6	38 5.6	676 100.0

11 OUT OF 24 ( 45.8%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.  
 MINIMUM EXPECTED CELL FREQUENCY = 0.041  
 RAW CHI SQUARE = 10.79724 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.7668  
 NUMBER OF MISSING OBSERVATIONS = 378

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 ERIC CLEARINGHOUSE FOR  
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