

**REVENUES AND EXPENDITURES:
PEER AND BENCHMARK COMPARISONS
UNIVERSITY OF HAWAI'I COMMUNITY COLLEGES
FISCAL YEAR 1997-98**

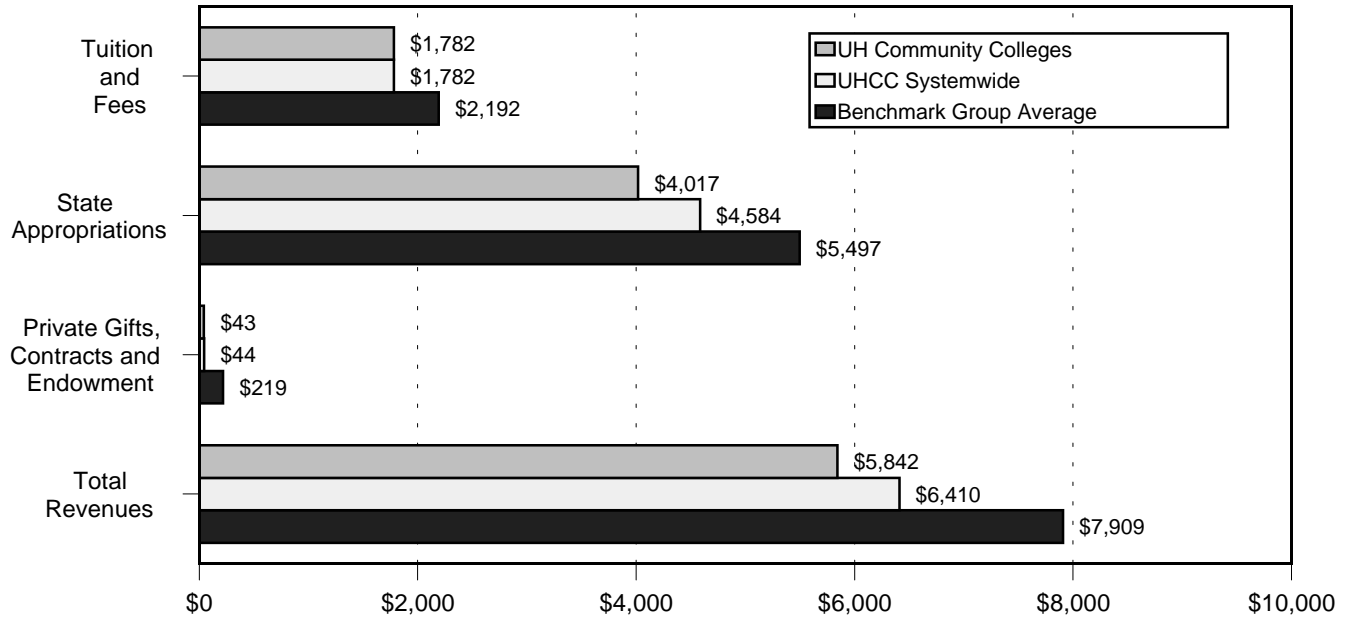
Institutional Research Office
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September 2001

File Reference: Management and Planning Support Folder, Finance

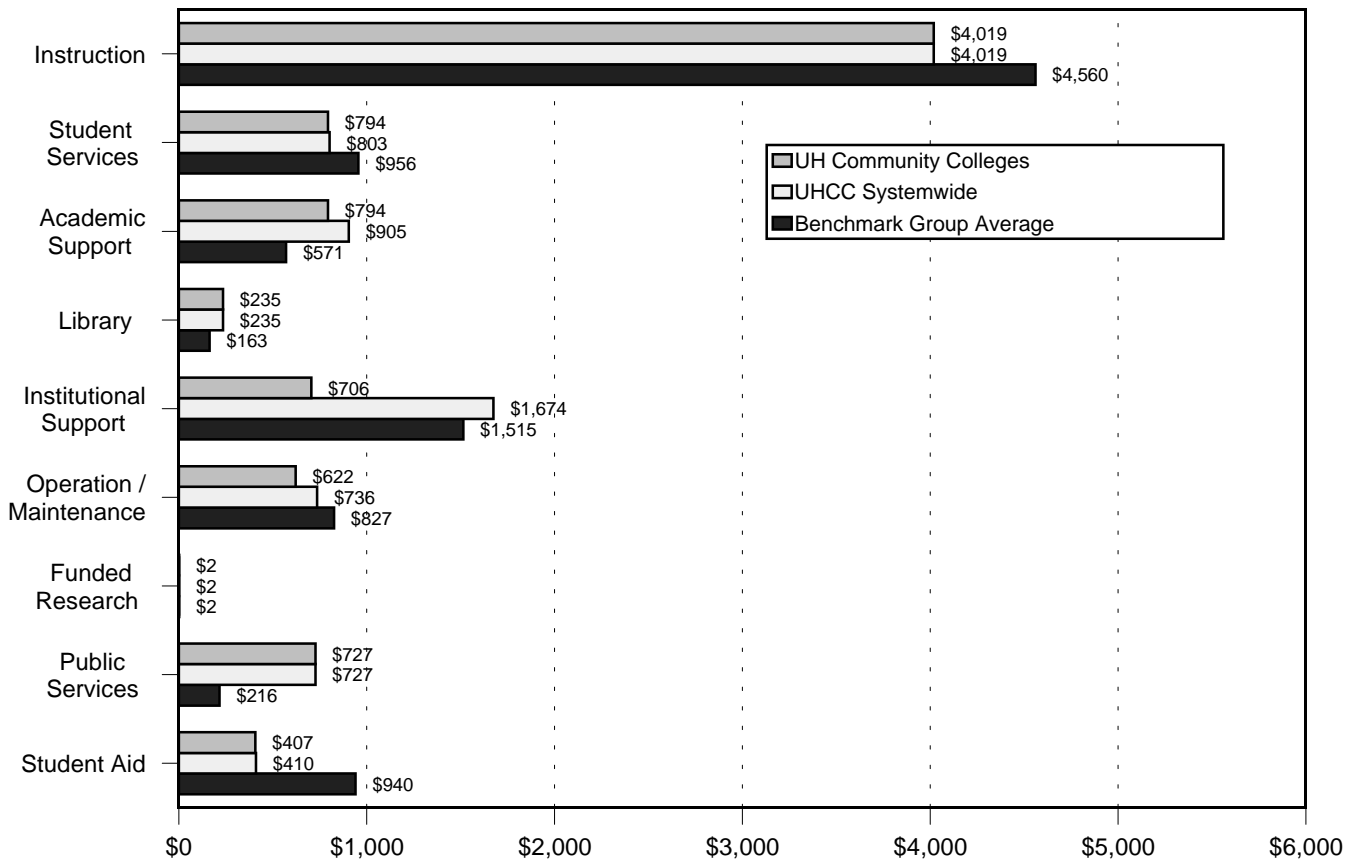
Reports available online at: <http://www.hawaii.edu/iro/maps.htm>

University of Hawai'i Community Colleges Benchmark Group Comparisons, FY 1997-98

**Figure 1
Revenues per FTE Student**



**Figure 2
Expenditures per FTE Student**



University of Hawai'i Community Colleges
 Benchmark Group Comparisons
 Fiscal Years 1992-93 to 1997-98

Figure 3
 Percent Distribution of Revenues Per FTE Student

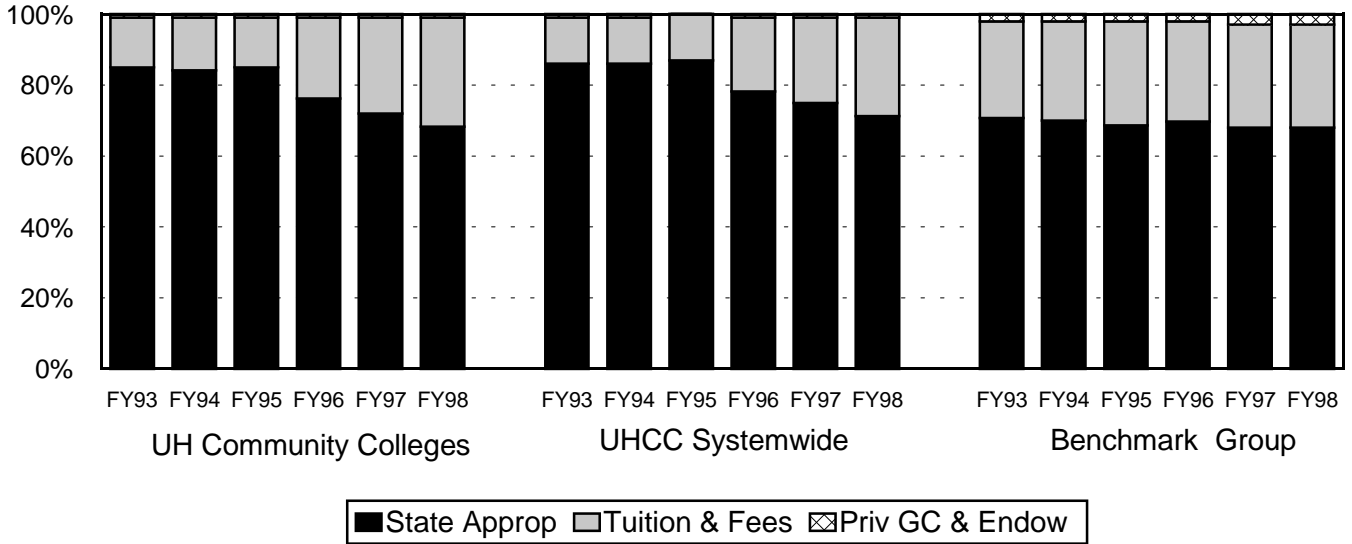
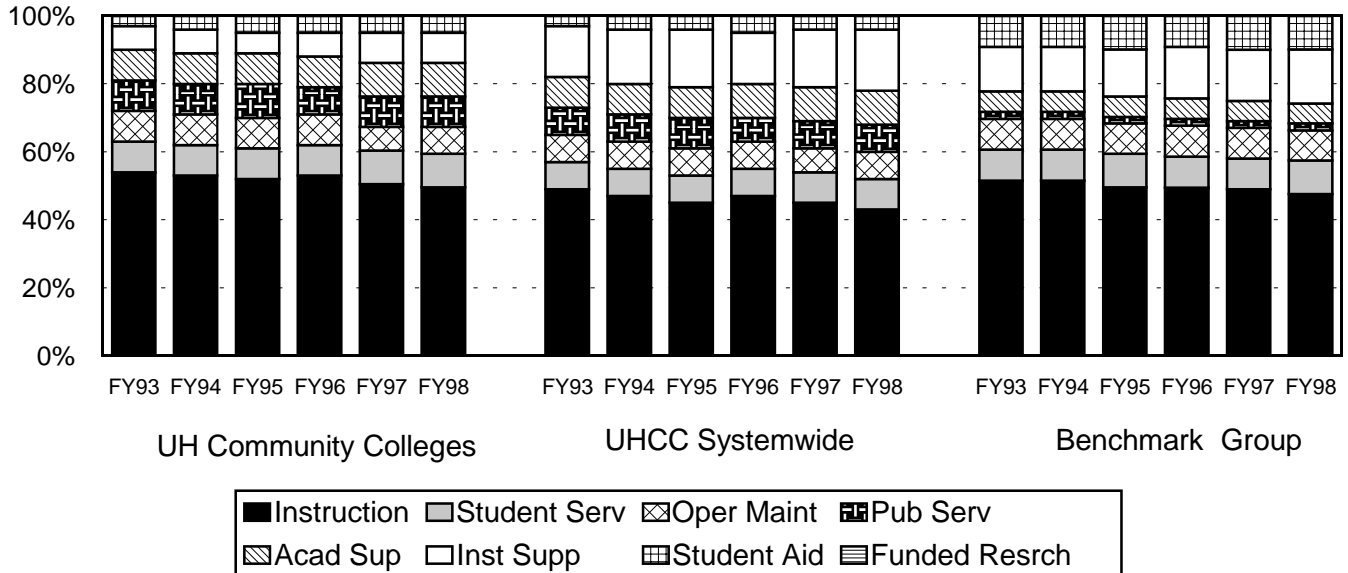


Figure 4
 Percent Distribution of Expenditures Per FTE Student



University of Hawai'i Community Colleges
 Benchmark Group Comparisons
 Fiscal Years 1992-93 to 1997-98

Figure 5
 UH Community Colleges

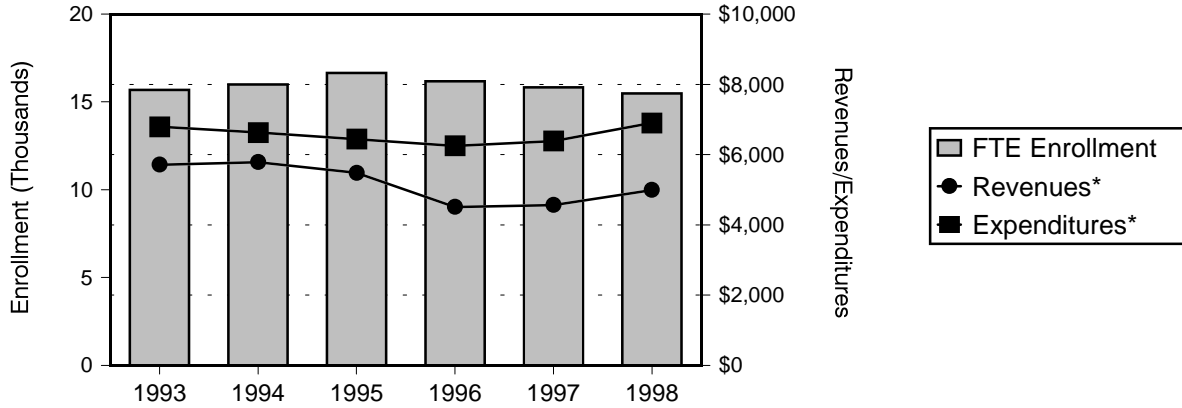


Figure 6
 UHCC Systemwide

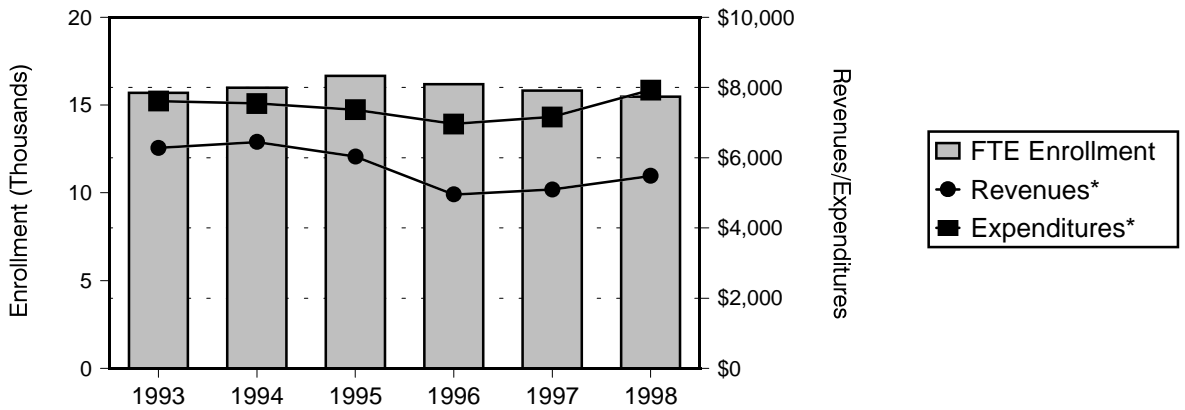
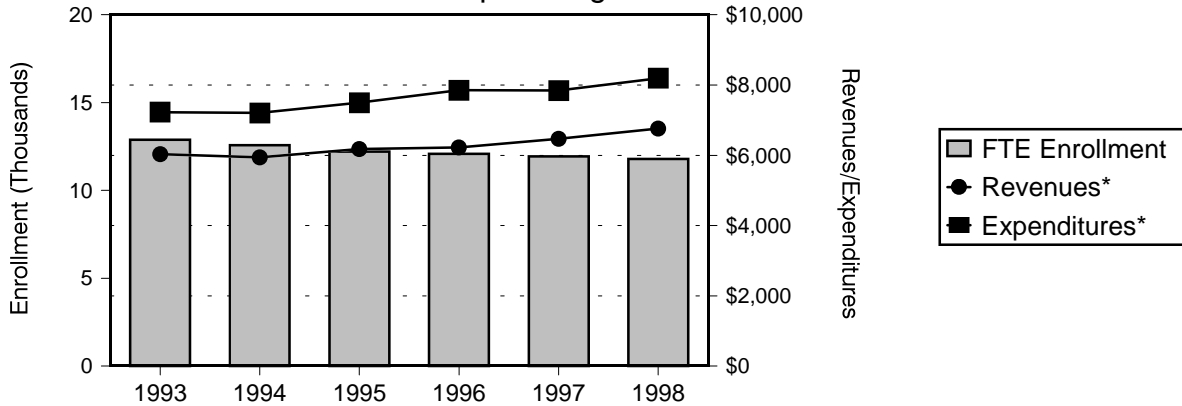


Figure 7
 Benchmark Group Average



* Total revenues per FTE student and total expenditures per FTE student in constant FY93 dollars.

TABLE 1
UNIVERSITY OF HAWAII COMMUNITY COLLEGES
BENCHMARK GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
CURRENT DOLLARS

Year	FTE ENROLLMENT			REVENUES PER FTE STUDENT					EXPENDITURES PER FTE STUDENT											
	Number	% Chnge	% Grads	Tuition 1/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 1/	% Chnge	Instruc- tion	Student Ser	Acad Sup 2/	Library 2/	Inst Supprt	Oper Maint	FULL INSTR 3/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP	% Chnge
UHCC																				
1992-93	15,689		0	820	4,856	38	5,714		3,684	580	609	165	452	630	5,775	4	595	237	6,791	
1993-94	15,984	1.9	0	878	5,064	40	5,983	4.7	3,636	619	643	32	450	590	5,748	3	631	279	6,851	0.9
1994-95	16,652	4.2	0	834	4,969	31	5,835	-2.5	3,561	616	642	26	426	629	5,672	4	670	313	6,861	0.2
1995-96	16,183	-2.8	0	1,114	3,793	33	4,941	-15.3	3,609	640	637	0	461	625	5,812	2	533	350	6,857	-0.1
1996-97	15,823	-2.2	0	1,395	3,731	32	5,157	4.4	3,660	690	716	165	644	531	6,055	2	621	354	7,218	5.3
1997-98	15,482	-2.2	0	1,782	4,017	43	5,842	13.3	4,019	794	794	235	706	622	6,656	2	727	407	8,072	11.8
% Change FY 93 to 98		-1.3						2.2												18.9
UHCC (Including Systemwide)																				
1992-93	15,689		0	820	5,416	40	6,276		3,712	585	677	165	1,158	645	6,597	4	595	237	7,613	
1993-94	15,984	1.9	0	878	5,747	41	6,666	6.2	3,658	629	725	32	1,269	605	6,696	3	631	279	7,799	2.4
1994-95	16,652	4.2	0	834	5,561	31	6,426	-3.6	3,561	621	721	26	1,321	637	6,659	4	670	313	7,848	0.6
1995-96	16,183	-2.8	0	1,114	4,279	33	5,426	-15.6	3,609	649	744	0	1,116	626	6,581	2	541	350	7,637	-2.7
1996-97	15,823	-2.2	0	1,395	4,328	32	5,755	6.1	3,678	698	832	165	1,374	533	6,928	2	621	354	8,092	6.0
1997-98	15,482	-2.2	0	1,782	4,584	44	6,410	11.4	4,019	803	905	235	1,674	736	7,702	2	727	410	9,276	14.6
% Change FY 93 to 98		-1.3						2.1												21.8
Benchmark Group Average																				
1992-93	12,873		0	1,566	4,342	122	6,030		3,673	693	404	109	954	674	6,355	5	142	681	7,227	
1993-94	12,570	-2.4	0	1,657	4,361	124	6,142	1.9	3,756	714	406	130	998	708	6,534	7	155	707	7,451	3.1
1994-95	12,212	-2.9	0	1,894	4,548	139	6,581	7.2	3,927	794	438	128	1,134	738	6,978	7	171	778	7,988	7.2
1995-96	12,078	-1.1	0	1,897	4,786	143	6,826	3.7	4,175	832	514	139	1,358	748	7,569	7	185	795	8,613	7.8
1996-97	11,947	-1.1	0	2,077	5,053	182	7,311	7.1	4,306	844	518	153	1,367	811	7,788	2	192	825	8,865	2.9
1997-98	11,798	-1.3	0	2,192	5,497	219	7,909	8.2	4,560	956	571	163	1,515	827	8,314	2	216	940	9,587	8.1
% Change FY 93 to 98		-8.4						31.2												32.7

1/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

2/ Library is included in Academic Support.

3/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Source: Research Associates of Washington.

TABLE 2
UNIVERSITY OF HAWAII COMMUNITY COLLEGES
BENCHMARK GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
CONSTANT DOLLARS 1/

Year	FTE ENROLLMENT		REVENUES PER FTE STUDENT						EXPENDITURES PER FTE STUDENT 2/											
	Number	% Chnge	% Grads	Tuition 2/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 2/	% Chnge	Instruc- tion	Student Ser	Acad Sup 3/	Library 3/	Inst Supprt	Oper Maint	FULL INSTR 4/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP	% Chnge
UHCC																				
1992-93	15,689		0	820	4,856	38	5,714		3,684	580	609	165	452	630	5,775	4	595	237	6,791	
1993-94	15,984	1.9	0	849	4,897	39	5,786	1.3	3,516	599	622	31	435	571	5,559	3	610	270	6,626	-2.4
1994-95	16,652	4.2	0	783	4,666	29	5,479	-5.3	3,344	578	603	24	400	591	5,326	4	629	294	6,442	-2.8
1995-96	16,183	-2.8	0	1,016	3,458	30	4,504	-17.8	3,289	583	581	0	420	570	5,298	2	486	319	6,251	-3.0
1996-97	15,823	-2.2	0	1,235	3,301	28	4,564	1.3	3,239	611	634	146	570	470	5,358	2	549	313	6,387	2.2
1997-98	15,482	-2.2	0	1,523	3,433	37	4,993	9.4	3,435	679	679	201	604	532	5,689	2	621	348	6,899	8.0
% Change FY 93 to 98		-1.3						-12.6												1.6
UHCC (Including Systemwide)																				
1992-93	15,689		0	820	5,416	40	6,276		3,712	585	677	165	1,158	645	6,597	4	595	237	7,613	
1993-94	15,984	1.9	0	849	5,558	40	6,447	2.7	3,538	608	701	31	1,227	585	6,476	3	610	270	7,543	-0.9
1994-95	16,652	4.2	0	783	5,222	29	6,034	-6.4	3,344	583	677	24	1,240	598	6,253	4	629	294	7,369	-2.3
1995-96	16,183	-2.8	0	1,015	3,901	30	4,946	-18.0	3,290	592	678	0	1,017	571	5,999	2	493	319	6,962	-5.5
1996-97	15,823	-2.2	0	1,235	3,830	28	5,093	3.0	3,255	618	736	146	1,216	472	6,131	2	550	313	7,161	2.9
1997-98	15,482	-2.2	0	1,523	3,918	38	5,479	7.6	3,435	686	774	201	1,431	629	6,583	2	621	350	7,928	10.7
% Change FY 93 to 98		-1.3						-12.7												4.1
Benchmark Group Average																				
1992-93	12,873		0	1,566	4,342	122	6,030		3,673	693	404	109	954	674	6,355	5	142	681	7,227	
1993-94	12,570	-2.4	0	1,603	4,218	120	5,940	-1.5	3,632	691	393	126	965	685	6,319	7	150	684	7,206	-0.3
1994-95	12,212	-2.9	0	1,778	4,270	131	6,179	4.0	3,687	746	411	120	1,065	693	6,552	7	161	731	7,500	4.1
1995-96	12,078	-1.1	0	1,729	4,363	130	6,222	0.7	3,806	758	469	127	1,238	682	6,900	6	169	725	7,851	4.7
1996-97	11,947	-1.1	0	1,838	4,472	161	6,470	4.0	3,811	747	458	135	1,210	718	6,892	2	170	730	7,845	-0.1
1997-98	11,798	-1.3	0	1,874	4,698	187	6,760	4.5	3,897	817	488	139	1,295	707	7,106	2	185	803	8,194	4.5
% Change FY 93 to 98		-8.4						12.1												13.4

1/ Constant dollars based on inflation measured by the Higher Education Price Index (HEPI). FY 1992-93 = 100.

2/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

3/ Library is included in Academic Support.

4/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Source: Research Associates of Washington.

TABLE 3
UNIVERSITY OF HAWAII COMMUNITY COLLEGES
BENCHMARK GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
PERCENT DISTRIBUTION

Year	FTE ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT										
	Number	% Grads	Tuition 1/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 1/	Instruc- tion	Student Ser	Acad Sup 2/	Library 2/	Inst Supprt	Oper Maint	FULL INSTR 3/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP
UHCC																	
1992-93	15,689	0	14	85	1	100%	54	9	9	2	7	9	85	0	9	3	100%
1993-94	15,984	0	15	85	1	100%	53	9	9	0	7	9	84	0	9	4	100%
1994-95	16,652	0	14	85	1	100%	52	9	9	0	6	9	83	0	10	5	100%
1995-96	16,183	0	23	77	1	100%	53	9	9	0	7	9	85	0	8	5	100%
1996-97	15,823	0	27	72	1	100%	51	10	10	2	9	7	84	0	9	5	100%
1997-98	15,482	0	31	69	1	100%	50	10	10	3	9	8	82	0	9	5	100%
UHCC (Including Systemwide)																	
1992-93	15,689	0	13	86	1	100%	49	8	9	2	15	8	87	0	8	3	100%
1993-94	15,984	0	13	86	1	100%	47	8	9	0	16	8	86	0	8	4	100%
1994-95	16,652	0	13	87	0	100%	45	8	9	0	17	8	85	0	9	4	100%
1995-96	16,183	0	21	79	1	100%	47	8	10	0	15	8	86	0	7	5	100%
1996-97	15,823	0	24	75	1	100%	45	9	10	2	17	7	86	0	8	4	100%
1997-98	15,482	0	28	72	1	100%	43	9	10	3	18	8	83	0	8	4	100%
Benchmark Group Average																	
1992-93	12,873	0	27	70	2	100%	51	9	6	2	13	9	88	0	2	9	100%
1993-94	12,570	0	28	70	2	100%	51	9	6	2	13	9	88	0	2	9	100%
1994-95	12,212	0	29	68	2	100%	50	10	6	2	14	9	88	0	2	10	100%
1995-96	12,078	0	28	69	2	100%	49	9	6	2	15	9	88	0	2	9	100%
1996-97	11,947	0	29	68	3	100%	49	9	6	2	15	9	88	0	2	10	100%
1997-98	11,798	0	29	68	3	100%	48	10	6	2	16	9	87	0	2	10	100%

1/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

2/ Library is included in Academic Support.

3/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Source: Research Associates of Washington.

TABLE 4
UNIVERSITY OF HAWAII COMMUNITY COLLEGES RANKINGS
BENCHMARK GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98

Year	Number of Schools in Group 1/	ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT										
		FTE	% Grads	Tuition 2/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 2/	Instruc- tion	Student Ser	Acad Sup 3/	Library 3/	Inst Supprt	Oper Maint	FULL INSTR 4/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP
UHCC Ranking in BENCHMARK GROUP																		
1992-93	12	3	-	11	5	8	6	5	7	3	3	11	8	9	3	2	11	8
1993-94	12	3	-	11	5	8	7	7	7	2	12	11	8	9	5	2	11	8
1994-95	11	2	-	11	4	7	7	6	7	3	11	10	9	9	3	2	10	8
1995-96	12	2	-	11	9	8	10	8	8	3	11	11	9	10	4	2	11	9
1996-97	11	2	-	10	8	8	10	7	11	3	1	11	8	10	1	2	10	9
1997-98	11	2	-	9	8	6	8	7	6	3	2	10	9	9	2	2	10	8
(Including Systemwide)																		
1992-93	12	3	-	11	4	7	6	5	7	2	3	5	7	7	3	2	11	6
1993-94	12	3	-	11	3	8	6	5	7	2	12	4	8	7	5	2	11	7
1994-95	11	2	-	11	3	7	6	6	7	3	11	5	8	7	3	2	10	7
1995-96	12	2	-	11	8	8	9	8	8	3	11	7	9	9	4	2	11	8
1996-97	11	2	-	10	8	8	8	7	5	3	6	5	10	7	2	2	10	8
1997-98	11	2	-	9	8	6	8	7	6	3	2	4	7	7	3	2	10	7

1/ There were a total of 14 institutions in the benchmark group, however, data was not available for some schools.

2/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

3/ Library is included in Academic Support.

4/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Source: Research Associates of Washington.

**Table 5
UNIVERSITY OF HAWAII COMMUNITY COLLEGES
BENCHMARK GROUP COMPARISONS, PER FTE STUDENT
FISCAL YEAR 1997-98**

	INSTITUTION	ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT										FULL INSTR EXPEND PER FTE STUDENT					
		FTE	% Grad	Tuition & Fees	Priv GC Approp	GC Endow	TOTAL REV	Instruc- tion	Student Svc	Acad Sup 1/	Library 1/	Inst'l Supprt	Oper Maint	Funded Rsch	Public Svc	Student Aid	TOTAL EXP	Estm Instr	Full HEWI Instr	Adjusted Full Instr	Norm	Devia- tion	
1	UH Community Colleges	15,482	0	1,782	4,017	43	5,842	4,019	794	794	235	706	622	2	727	407	8,072	6,656	NOT AVAILABLE				
	UHCC (including systemwide)	15,482	0	1,782	4,584	44	6,410	4,019	803	905	235	1,674	736	2	727	410	9,276	7,702					
2	College Of Du Page	15,249	0	1,815	3,790	17	5,622	2,926	520	372	213	1,040	618	0	136	348	5,960	5,399	107	5,046	6,400	-21%	
3	Cuyahoga Community College District	11,379	0	2,283	7,442	96	9,821	4,052	984	1,313	251	2,072	946	0	567	1,268	11,201	8,928	101	8,840	6,400	38%	
4	Kirkwood Community College	7,624	0	2,582	2,921	9	5,513	3,589	1,141	519	78	991	722	0	10	842	7,812	6,957	99	7,027	6,450	9%	
5	Lane Community College	5,439	0	2,848	7,311	1,034	11,193	7,305	1,023	484	171	1,469	727	0	798	1,071	12,878	10,774	95	11,341	6,600	72%	
6	Mesa Community College	11,998	0	1,367	3,323	568	5,257	2,766	341	396	76	450	257	0	178	567	4,955	4,150	100	4,150	6,400	-35%	
7	Miami-Dade Community College	26,306	0	2,376	4,672	151	7,199	3,344	624	468	234	2,265	740	2	57	1,853	9,353	7,389	96	7,697	6,400	20%	
8	Milwaukee Area Technical College	9,790	0	2,032	9,506	0	11,538	8,156	1,510	270	101	1,180	1,225	0	0	1,293	13,634	12,341	101	12,219	6,400	91%	
9	Mt. Hood Community College	4,394	0	1,874	5,197	0	7,071	4,115	2,076	398	136	2,919	985	21	381	666	11,562	10,231	101	10,130	6,800	49%	
10	Nassau Community College	14,221	0	3,007	5,451	18	8,476	4,892	660	417	198	1,344	1,259	0	20	874	9,466	8,562	101	8,477	6,400	32%	
11	Portland Community College	11,580	0	1,740	5,356	298	7,395	4,458	681	1,070	170	1,415	790	0	10	620	9,044	8,409	101	8,325	6,400	30%	

HIGH		26,306	0	3,007	9,506	1,034	11,538	8,156	2,076	1,313	251	2,919	1,259	21	798	1,853	13,634	12,341	107	12,219	6,800	91%
AVERAGE	Excluding UHCC	11,798	0	2,192	5,497	219	7,909	4,560	956	571	163	1,515	827	2	216	940	9,587	8,314	100	8,325	6,465	29%
LOW		4,394	0	1,367	2,921	0	5,257	2,766	341	270	76	450	257	0	0	348	4,955	4,150	95	4,150	6,400	-35%
% DIFF	UHCC	31%		-19%	-27%	-80%	-26%	-12%	-17%	39%	44%	-53%	-25%	14%	236%	-57%	-16%	-20%	-	-	-	-
FROM																						
AVERAGE	with SYSTEMWIDE	31%		-19%	-17%	-80%	-19%	-12%	-16%	58%	44%	10%	-11%	0%	237%	-56%	-3%	-7%	-	-	-	-
RANK	UHCC	2	-	9	8	6	8	7	6	3	2	10	9	2	2	10	8	9	-	-	-	-
	with SYSTEMWIDE	2	-	9	8	6	8	7	6	3	2	4	7	3	2	10	7	7	-	-	-	-

1/ Library is included in Academic Support.

Note: Data not available for San Francisco Community College District, Montgomery College and Saint Louis Community College at Forest Park.

Source: Research Associates of Washington.

Table 6
UNIVERSITY OF HAWAI'I COMMUNITY COLLEGES
BENCHMARK GROUP COMPARISONS, PER FTE STUDENT
FISCAL YEAR 1997-98
PERCENT DISTRIBUTION

	INSTITUTION	ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT									FULL INSTR EXPEND PER FTE STUDENT		
		FTE	% Grad	Tuition & Fees	Priv GC Approp	GC Endow	TOTAL REV	Instruc- tion	Student Svc	Acad Sup 1/	Library 1/	Inst'l Supprt	Oper Maint	Funded Rsch	Public Svc	Student Aid	TOTAL EXP	Estm Instr	Full Adjusted Instr
1	UH Community Colleges	15,482	0	31	69	1	100%	50	10	10	3	9	8	0	9	5	100%	82	NA
	UHCC (including systemwide)	15,482	0	28	72	1	100%	43	9	10	3	18	8	0	8	4	100%	83	NA
2	College Of Du Page	15,249	0	32	67	0	100%	49	9	6	4	17	10	0	2	6	100%	91	85
3	Cuyahoga Community College District	11,379	0	23	76	1	100%	36	9	12	2	19	8	0	5	11	100%	80	79
4	Kirkwood Community College	7,624	0	47	53	0	100%	46	15	7	1	13	9	0	0	11	100%	89	90
5	Lane Community College	5,439	0	25	65	9	100%	57	8	4	1	11	6	0	6	8	100%	84	88
6	Mesa Community College	11,998	0	26	63	11	100%	56	7	8	2	9	5	0	4	11	100%	84	84
7	Miami-Dade Community College	26,306	0	33	65	2	100%	36	7	5	3	24	8	0	1	20	100%	79	82
8	Milwaukee Area Technical College	9,790	0	18	82	0	100%	60	11	2	1	9	9	0	0	9	100%	91	90
9	Mt. Hood Community College	4,394	0	27	73	0	100%	36	18	3	1	25	9	0	3	6	100%	88	88
10	Nassau Community College	14,221	0	35	64	0	100%	52	7	4	2	14	13	0	0	9	100%	90	90
11	Portland Community College	11,580	0	24	72	4	100%	49	8	12	2	16	9	0	0	7	100%	93	92
HIGH		26,306		47	82	11	-	60	18	12	4	25	13	0	6	20	-	93	92
AVERAGE Excluding UHCC		11,798		29	68	3	-	48	10	6	2	16	9	0	2	10	-	87	87
LOW		4,394		18	53	0	-	36	7	2	1	9	5	0	0	6	-	79	79

1/ Library is included in Academic Support.

Note: Data not available for San Francisco Community College District, Montgomery College and Saint Louis Community College at Forest Park.

Source: Research Associates of Washington.

**Table 7
UNIVERSITY OF HAWAI'I COMMUNITY COLLEGES
BENCHMARK GROUP
FISCAL YEAR 1997-98**

	STATE	CARNEGIE CLASSIFICATION	NAME	CITY	FICE CODE	ENROLLMENT	
						FTE Enroll	% Grad
1	HI	Associate of Arts College	UH Community Colleges	State of HI		15,482	0
2	IL	Associate of Arts College	College Of Du Page	Glen Ellyn	6656	15,249	0
3	OH	Associate of Arts College	Cuyahoga Community College District	Cleveland	3040	11,379	0
4	IA	Associate of Arts College	Kirkwood Community College	Cedar Rapids	4076	7,624	0
5	OR	Associate of Arts College	Lane Community College	Eugene	3196	5,439	0
6	AZ	Associate of Arts College	Mesa Community College	Mesa	1077	11,998	0
7	FL	Associate of Arts College	Miami-Dade Community College	Miami	1506	26,306	0
8	WI	Associate of Arts College	Milwaukee Area Technical College	Milwaukee	3866	9,790	0
9	MD	Associate of Arts College	Montgomery College 1/	Rockville	6911	Not Available	
10	OR	Associate of Arts College	Mt. Hood Community College	Gresham	3204	4,394	0
11	NY	Associate of Arts College	Nassau Community College	Garden City	2873	14,221	0
12	OR	Associate of Arts College	Portland Community College	Portland	3213	11,580	0
13	MO	Associate of Arts College	Saint Louis Community College at Forest Park 1/	Saint Louis	2471	Not Available	
14	CA	Associate of Arts College	San Francisco Community College District 1/	San Francisco	1167	Not Available	

1/ Data not available for FY 1997-98, therefore, the institution is not listed in the peer group comparison tables.

Source: Research Associates of Washington.

**Table 8
HIGHER EDUCATION PRICE INDEX (HEPI) 1/
FISCAL YEAR 1992-93 TO 1997-98**

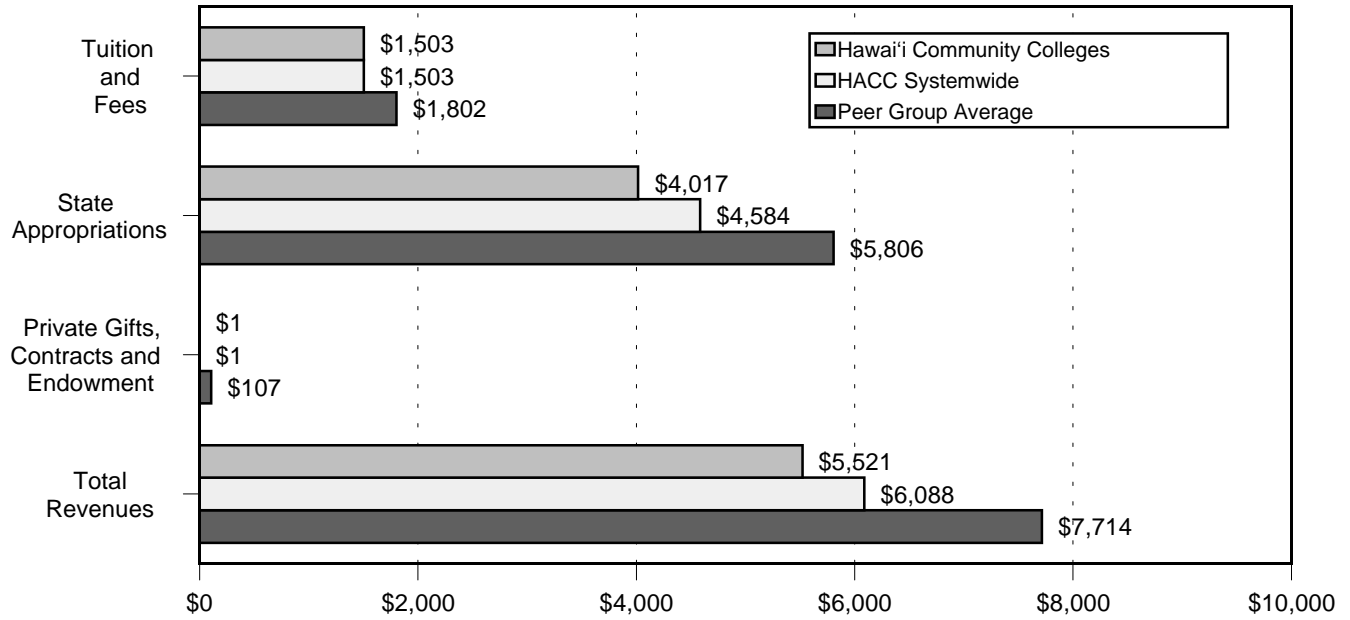
FISCAL YEAR	HIGHER EDUCATION PRICE INDEX	YEARLY % CHANGE
1992-93	100.0	-
1993-94	103.4	3.4
1994-95	106.5	3.0
1995-96	109.7	3.0
1996-97	113.0	3.0
1997-98	117.0	3.5

1/ Index values were converted to FY 1992-93 equal to 100.

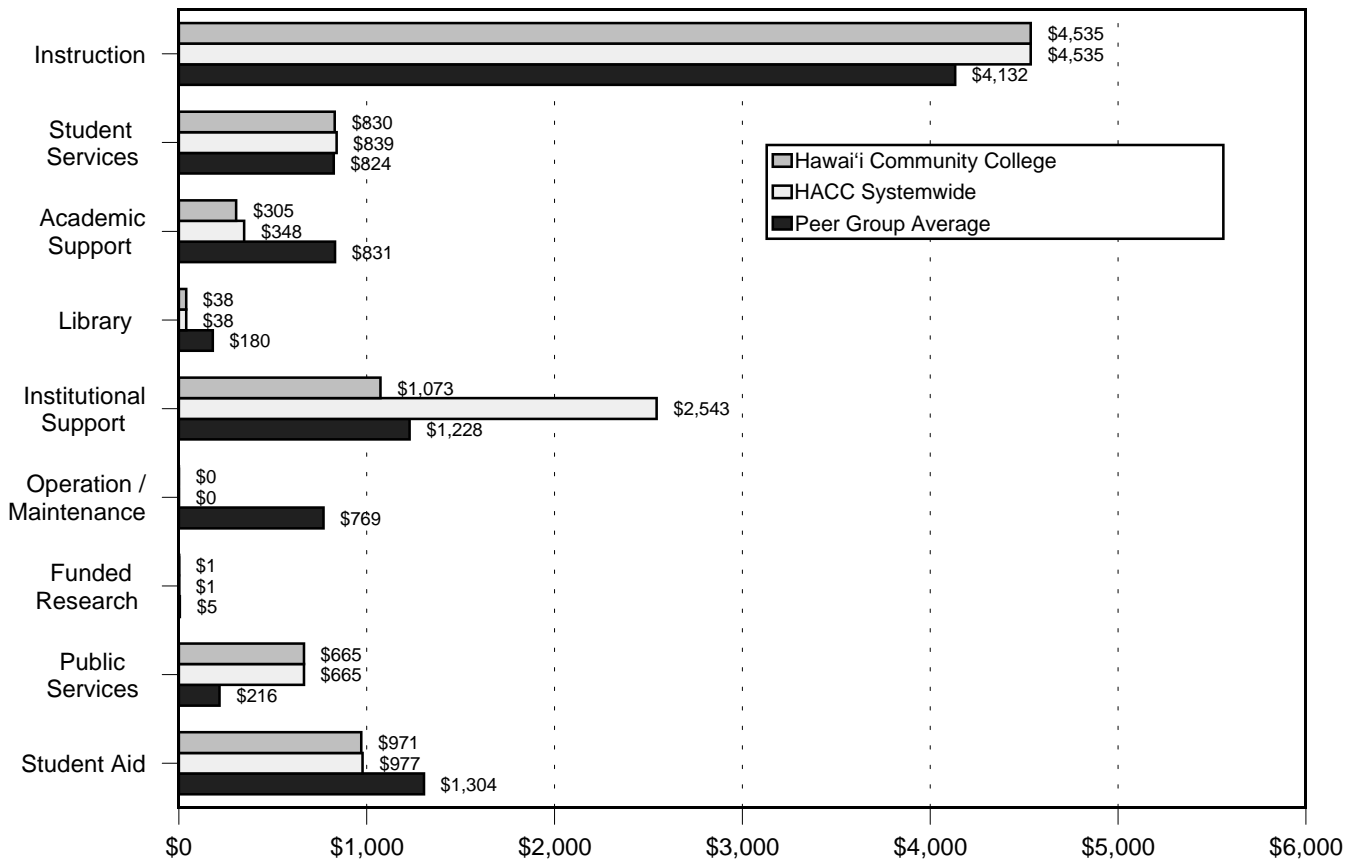
SOURCE: Inflation Measures for Schools, Colleges and Libraries,
Research Associates of Washington.

Hawai'i Community College Peer Group Comparisons, FY 1997-98

**Figure A1
Revenues per FTE Student**

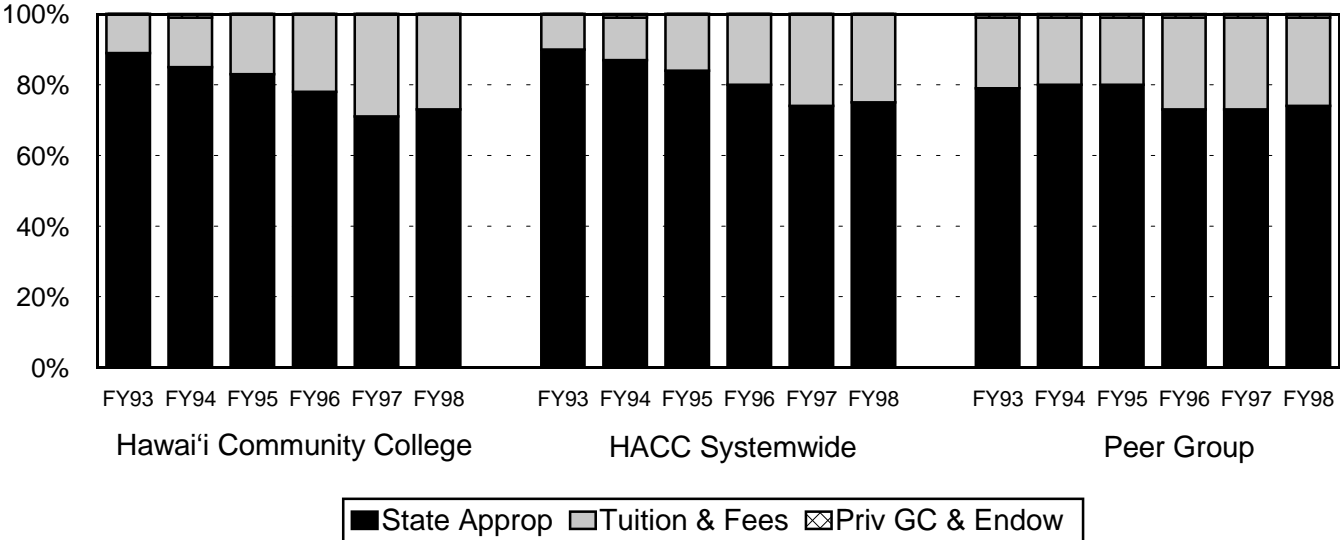


**Figure A2
Expenditures per FTE Student**



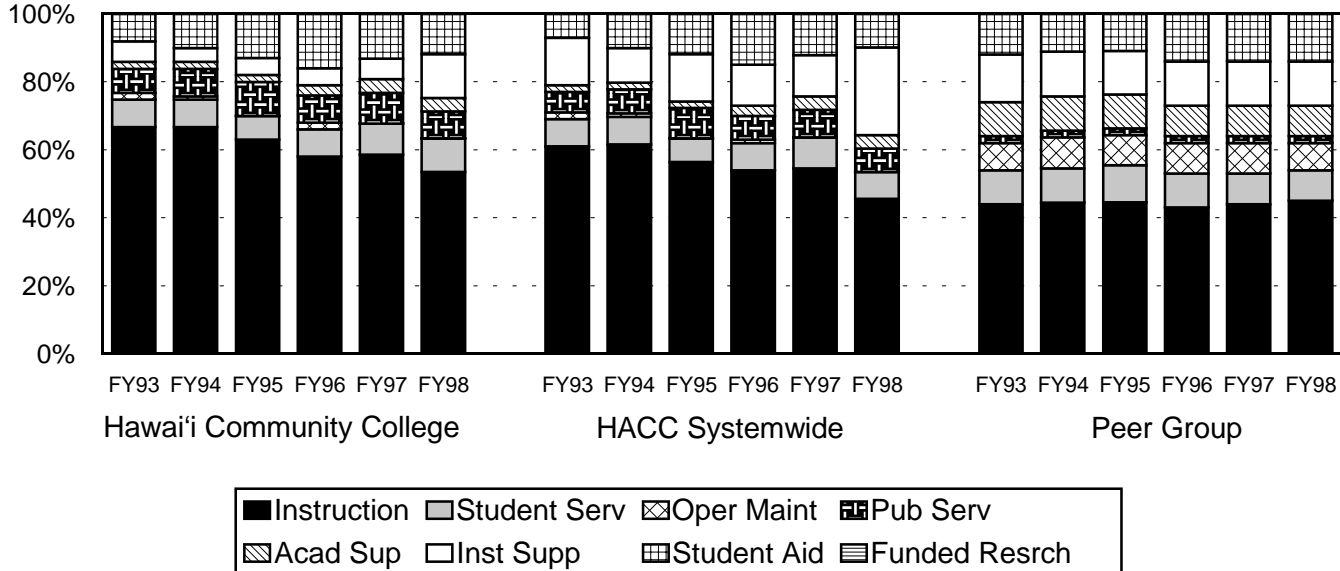
Hawai'i Community College Peer Group Comparisons, FY 1997-98

Figure A3
Percent Distribution of Revenues Per FTE Student



State Approp
 Tuition & Fees
 Priv GC & Endow

Figure A4
Percent Distribution of Expenditures Per FTE Student



Instruction
 Student Serv
 Oper Maint
 Pub Serv
 Acad Sup
 Inst Sup
 Student Aid
 Funded Resrch

Hawai'i Community College Peer Group Comparisons Fiscal Years 1992-93 to 1997-98

Figure A5
Hawai'i Community College

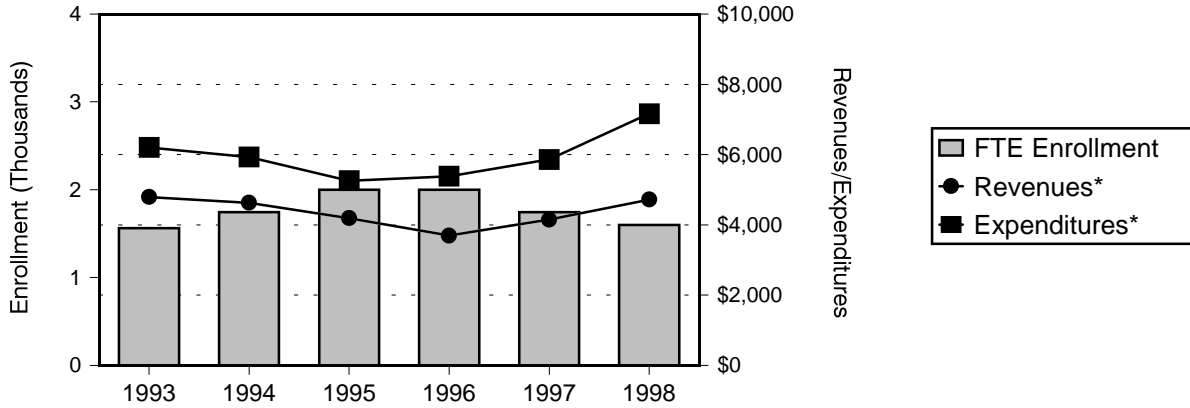


Figure A6
HACC Systemwide

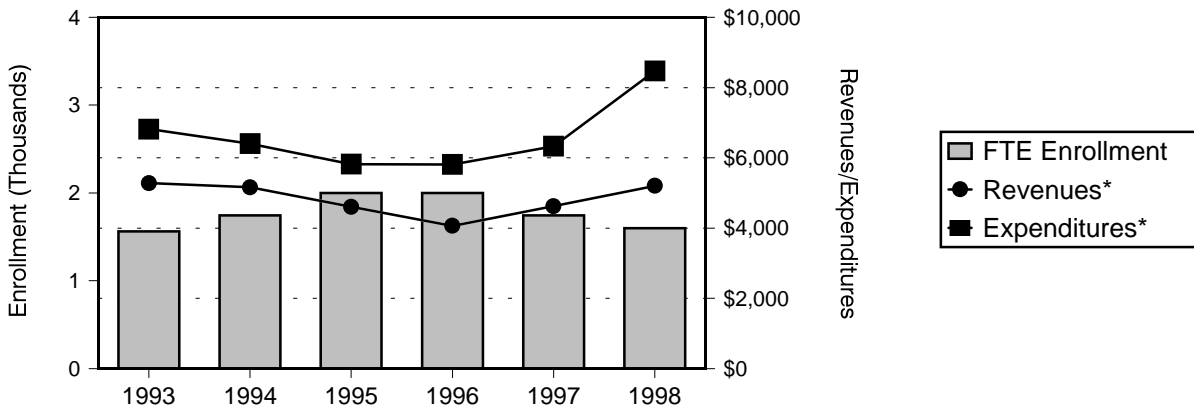
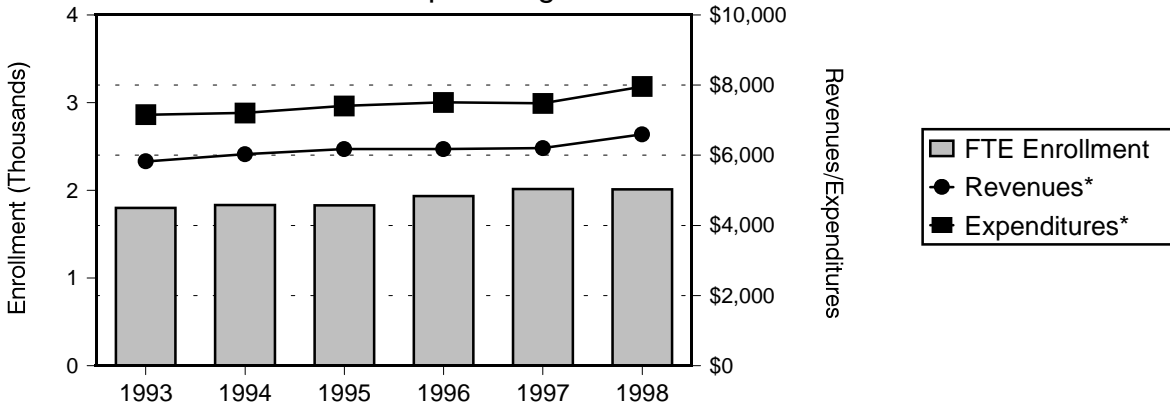


Figure A7
Peer Group Average



* Total revenues per FTE student and total expenditures per FTE student in constant FY93 dollars.

**Appendix A1
HAWAII COMMUNITY COLLEGE
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
CURRENT DOLLARS**

Year	FTE ENROLLMENT			REVENUES PER FTE STUDENT 1/					EXPENDITURES PER FTE STUDENT 1/											
	Number	% Chnge	% Grads	Tuition 2/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 2/	% Chnge	Instruc- tion	Student Ser	Acad Sup 3/	Library 3/	Inst Supprt	Oper Maint	FULL INSTR 4/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP	% Chnge
Hawai'i CC																				
1992-93	1,562		0	535	4,254	0	4,789		4,120	524	140	28	360	123	5,133	9	438	488	6,202	
1993-94	1,744	11.7	0	662	4,073	52	4,787	0.0	4,045	506	144	0	239	92	4,883	3	469	636	6,134	-1.1
1994-95	2,000	14.7	0	760	3,702	0	4,462	-6.8	3,514	400	111	0	275	16	4,153	7	536	740	5,599	-8.7
1995-96	1,998	-0.1	0	911	3,141	0	4,052	-9.2	3,446	479	171	22	307	93	4,360	8	447	951	5,902	5.4
1996-97	1,745	-12.7	0	1,353	3,334	1	4,688	15.7	3,829	613	261	25	406	20	4,948	3	599	893	6,624	12.2
1997-98	1,598	-8.4	0	1,503	4,017	1	5,521	17.8	4,535	830	305	38	1,073	0	6,591	1	665	971	8,380	26.5
% Change FY 93 to 98		2.3						15.3												35.1
Hawai'i CC (Including Systemwide)																				
1992-93	1,562		0	535	4,744	0	5,279		4,151	528	156	28	922	126	5,749	9	438	488	6,818	
1993-94	1,744	11.7	0	662	4,623	53	5,338	1.1	4,070	514	163	0	672	94	5,371	3	469	636	6,621	-2.9
1994-95	2,000	14.7	0	760	4,143	0	4,903	-8.2	3,514	403	125	0	853	16	4,748	7	536	740	6,194	-6.5
1995-96	1,998	-0.1	0	911	3,544	0	4,455	-9.1	3,446	486	200	22	743	93	4,832	8	447	951	6,374	2.9
1996-97	1,745	-12.7	0	1,353	3,868	1	5,222	17.2	3,847	620	303	25	867	20	5,476	3	599	893	7,152	12.2
1997-98	1,598	-8.4	0	1,503	4,584	1	6,088	16.6	4,535	839	348	38	2,543	0	7,946	1	665	977	9,908	38.5
% Change FY 93 to 98		2.3						15.3												45.3
Peer Group Average																				
1992-93	1,800		0	1,155	4,613	54	5,822		3,137	702	735	138	908	603	6,030	0	184	882	7,151	
1993-94	1,833	1.8	0	1,184	4,998	53	6,235	7.1	3,277	769	711	144	984	648	6,332	0	190	869	7,448	4.2
1994-95	1,829	-0.2	0	1,240	5,283	58	6,580	5.5	3,483	852	781	144	985	705	6,750	0	185	894	7,884	5.9
1995-96	1,933	5.7	0	1,704	4,973	102	6,779	3.0	3,518	791	711	194	1,087	756	6,803	8	194	1,169	8,234	4.4
1996-97	2,014	4.2	0	1,715	5,187	109	7,011	3.4	3,668	774	778	178	1,102	730	6,991	4	197	1,200	8,453	2.7
1997-98	2,011	-0.2	0	1,802	5,806	107	7,714	10.0	4,132	824	831	180	1,228	769	7,675	5	216	1,304	9,309	10.1
% Change FY 93 to 98		11.7						32.5												30.2

1/ Due to fiscal interconnections between Hawai'i CC and UH Hilo during the time period covered in this report, revenue and expenditure items at Hawai'i CC may have been included with UH Hilo. Therefore, the figures given here for Hawai'i CC may be understated.

2/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

3/ Library is included in Academic Support.

4/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

**Appendix A2
HAWAII COMMUNITY COLLEGE
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
CONSTANT DOLLARS 1/**

Year	FTE ENROLLMENT			REVENUES PER FTE STUDENT 2/					EXPENDITURES PER FTE STUDENT 2/											
	Number	% Chnge	% Grads	Tuition 3/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 3/	% Chnge	Instruc- tion	Student Ser	Acad Sup 4/	Library 4/	Inst Supprt	Oper Maint	FULL INSTR 5/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP	% Chnge
Hawai'i CC																				
1992-93	1,562		0	535	4,254	0	4,789		4,120	524	140	28	360	123	5,133	9	438	488	6,202	
1993-94	1,744	11.7	0	640	3,939	50	4,630	-3.3	3,912	489	139	0	231	89	4,722	3	454	615	5,932	-4.4
1994-95	2,000	14.7	0	714	3,476	0	4,190	-9.5	3,300	376	104	0	258	15	3,900	7	503	695	5,257	-11.4
1995-96	1,998	-0.1	0	830	2,863	0	3,694	-11.8	3,141	437	156	20	280	85	3,974	7	407	867	5,380	2.3
1996-97	1,745	-12.7	0	1,197	2,950	1	4,149	12.3	3,388	542	231	22	359	18	4,379	3	530	790	5,862	9.0
1997-98	1,598	-8.4	0	1,284	3,434	1	4,719	13.7	3,876	709	261	32	917	0	5,634	1	568	830	7,163	22.2
% Change FY 93 to 98		2.3						-1.5												15.5
Hawai'i CC (Including Systemwide)																				
1992-93	1,562		0	535	4,744	0	5,279		4,151	528	156	28	922	126	5,749	9	438	488	6,818	
1993-94	1,744	11.7	0	640	4,471	51	5,162	-2.2	3,936	497	158	0	650	91	5,194	3	454	615	6,403	-6.1
1994-95	2,000	14.7	0	714	3,890	0	4,604	-10.8	3,300	378	117	0	801	15	4,458	7	503	695	5,816	-9.2
1995-96	1,998	-0.1	0	830	3,231	0	4,061	-11.8	3,141	443	182	20	677	85	4,405	7	407	867	5,810	-0.1
1996-97	1,745	-12.7	0	1,197	3,423	1	4,621	13.8	3,404	549	268	22	767	18	4,846	3	530	790	6,329	8.9
1997-98	1,598	-8.4	0	1,285	3,918	1	5,203	12.6	3,876	717	297	32	2,174	0	6,792	1	568	835	8,468	33.8
% Change FY 93 to 98		2.3						-1.4												24.2
Peer Group Average																				
1992-93	1,800		0	1,155	4,613	54	5,822		3,137	702	735	138	908	603	6,030	0	184	882	7,151	
1993-94	1,833	1.8	0	1,145	4,834	51	6,030	3.6	3,169	744	688	139	952	627	6,124	0	184	840	7,203	0.7
1994-95	1,829	-0.2	0	1,164	4,961	54	6,178	2.5	3,270	800	733	135	925	662	6,338	0	174	839	7,403	2.8
1995-96	1,933	5.7	0	1,553	4,533	93	6,180	0.0	3,207	721	648	177	991	689	6,201	7	177	1,066	7,506	1.4
1996-97	2,014	4.2	0	1,518	4,590	96	6,204	0.4	3,246	685	688	158	975	646	6,187	4	174	1,062	7,481	-0.3
1997-98	2,011	-0.2	0	1,540	4,962	91	6,593	6.3	3,532	704	710	154	1,050	657	6,560	4	185	1,115	7,956	6.4
% Change FY 93 to 98		11.7						13.2												11.3

1/ Constant dollars based on inflation measured by the Higher Education Price Index (HEPI). FY 1992-93 = 100.

2/ Due to fiscal interconnections between Hawai'i CC and UH Hilo during the time period covered in this report, revenue and expenditure items at Hawai'i CC may have been included with UH Hilo. Therefore, the figures given here for Hawai'i CC may be understated.

3/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

4/ Library is included in Academic Support.

5/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

**Appendix A3
HAWAI'I COMMUNITY COLLEGE
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
PERCENT DISTRIBUTION**

Year	FTE ENROLLMENT		REVENUES PER FTE STUDENT 1/				EXPENDITURES PER FTE STUDENT 1/										
	Number	% Grads	Tuition 2/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 2/	Instruc- tion	Student Ser	Acad Sup 3/	Library 3/	Inst Supprt	Oper Maint	FULL INSTR 4/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP
Hawai'i CC																	
1992-93	1,562	0	11	89	0	100%	66	8	2	0	6	2	83	0	7	8	100%
1993-94	1,744	0	14	85	1	100%	66	8	2	0	4	1	80	0	8	10	100%
1994-95	2,000	0	17	83	0	100%	63	7	2	0	5	0	74	0	10	13	100%
1995-96	1,998	0	22	78	0	100%	58	8	3	0	5	2	74	0	8	16	100%
1996-97	1,745	0	29	71	0	100%	58	9	4	0	6	0	75	0	9	13	100%
1997-98	1,598	0	27	73	0	100%	54	10	4	0	13	0	79	0	8	12	100%
Hawai'i CC (Including Systemwide)																	
1992-93	1,562	0	10	90	0	100%	61	8	2	0	14	2	84	0	6	7	100%
1993-94	1,744	0	12	87	1	100%	61	8	2	0	10	1	81	0	7	10	100%
1994-95	2,000	0	16	84	0	100%	57	7	2	0	14	0	77	0	9	12	100%
1995-96	1,998	0	20	80	0	100%	54	8	3	0	12	1	76	0	7	15	100%
1996-97	1,745	0	26	74	0	100%	54	9	4	0	12	0	77	0	8	12	100%
1997-98	1,598	0	25	75	0	100%	46	8	4	0	26	0	80	0	7	10	100%
Peer Group Average																	
1992-93	1,800	0	20	79	1	100%	44	10	10	2	14	8	84	0	2	12	100%
1993-94	1,833	0	19	80	1	100%	44	10	10	2	13	9	85	0	2	11	100%
1994-95	1,829	0	19	80	1	100%	45	11	10	2	13	9	86	0	2	11	100%
1995-96	1,933	0	26	73	1	100%	43	10	9	2	13	9	84	0	2	14	100%
1996-97	2,014	0	26	73	1	100%	44	9	9	2	13	9	83	0	2	14	100%
1997-98	2,011	0	25	74	1	100%	45	9	9	2	13	8	82	0	2	14	100%

1/ Due to fiscal interconnections between Hawai'i CC and UH Hilo during the time period covered in this report, revenue and expenditure items at Hawai'i CC may have been included with UH. Therefore, the figures given here for Hawai'i CC may be understated.

2/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

3/ Library is included in Academic Support.

4/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

Appendix A4
HAWAII COMMUNITY COLLEGE RANKINGS
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98

Year	Number of Schools in Group 1/	ENROLLMENT		REVENUES PER FTE STUDENT 2/				EXPENDITURES PER FTE STUDENT 2/										
		% FTE	% Grads	Tuition 3/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 3/	Instruc- tion	Student Ser	Acad Sup 4/	Library 4/	Inst Supprt	Oper Maint	FULL INSTR 5/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP
Hawai'i CC Ranking in PEER GROUP																		
1992-93	12	9	NA	11	8	10	12	1	11	12	12	12	12	12	1	2	11	11
1993-94	12	8	NA	11	10	5	12	1	11	12	12	12	12	12	1	2	9	12
1994-95	12	5	NA	9	12	8	12	7	12	12	12	12	12	12	1	2	10	12
1995-96	16	8	NA	13	14	11	16	7	16	16	16	16	16	16	3	3	8	16
1996-97	16	12	NA	10	13	12	16	8	11	16	15	16	16	15	2	3	12	15
1997-98	16	12	NA	10	12	11	15	6	6	15	15	9	16	12	2	3	11	13
(Including Systemwide)																		
1992-93	12	9	NA	11	7	10	11	1	11	12	12	7	12	10	1	2	11	7
1993-94	12	8	NA	11	9	5	12	1	11	12	12	12	12	12	1	2	9	11
1994-95	12	5	NA	9	10	8	12	7	12	12	12	11	12	12	1	2	10	12
1995-96	16	8	NA	13	14	11	16	7	15	16	16	16	16	16	3	3	8	15
1996-97	16	12	NA	10	13	12	15	8	11	16	15	14	16	15	2	3	12	13
1997-98	16	12	NA	10	10	11	13	6	6	15	15	1	16	8	2	3	11	6

NA means not applicable.

1/ Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY95-96 data are compared against the new peer group.

For FY92-93 to FY94-95, there were 12 institutions in Hawai'i CC's peer group and beginning in FY95-96, there were 16 institutions.

2/ Due to fiscal interconnections between Hawai'i CC and UH Hilo during the time period covered in this report, revenue and expenditure items at Hawai'i CC may have been included with UH Hilo. Therefore, the figures given here for Hawai'i CC may be understated.

3/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

4/ Library is included in Academic Support.

5/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

**Appendix A5
HAWAII COMMUNITY COLLEGE
PEER GROUP COMPARISONS, PER FTE STUDENT
FISCAL YEAR 1997-98**

	INSTITUTION	ENROLLMENT		REVENUES PER FTE STUDENT 1/			EXPENDITURES PER FTE STUDENT 1/										FULL INSTR EXPEND PER FTE STUDENT					
		FTE	% Grad	Tuition & Fees	Priv GC Approp	Endow	TOTAL REV	Instruc- tion	Student Svc	Acad Sup 2/	Library 2/	Inst'l Supprt	Oper Maint	Funded Rsch	Public Svc	Student Aid	TOTAL EXP	Estm Instr	Full HEWI Instr	Adjusted Full Instr	Norm	Deviation
1	Hawai'i Community College	1,598	0	1,503	4,017	1	5,521	4,535	830	305	38	1,073	0	1	665	971	8,380	6,591	95	6,938	7,900	-12%
	Hawai'i CC (including systemwide)	1,598	0	1,503	4,584	1	6,088	4,535	839	348	38	2,543	0	1	665	977	9,908	7,946	95	8,364	NA	NA
2	Catawba Valley Community College	1,737	0	1,372	7,814	97	9,283	5,206	622	1,021	207	1,026	754	0	0	473	9,103	8,630	99	8,717	7,900	10%
3	Coastal Carolina Community College	2,048	0	1,238	7,117	73	8,428	4,649	626	183	183	1,386	571	0	0	718	8,131	7,414	84	8,826	7,500	18%
4	College Of Southern Idaho	3,144	0	1,764	4,453	0	6,217	3,317	619	805	156	1,029	734	0	1,380	2,185	10,070	5,838	91	6,416	7,000	-8%
5	Community College Of Beaver County	1,460	0	3,312	2,882	0	6,194	4,080	662	474	188	983	926	70	173	1,184	8,552	7,009	93	7,537	8,300	-9%
6	Lenoir Community College	1,242	0	969	8,545	91	9,604	5,431	846	688	263	1,094	965	0	47	1,125	10,195	9,003	95	9,477	8,700	9%
7	North Idaho College	2,721	0	1,571	5,602	143	7,316	4,271	888	938	260	1,120	823	0	133	1,234	9,406	7,967	89	8,952	7,200	24%
8	Northeast Community College	2,571	0	1,523	3,990	99	5,611	3,467	540	741	77	919	520	0	0	1,469	7,657	6,187	90	6,875	7,200	-5%
9	Northwest-Shoals Community College	2,812	0	1,739	2,937	0	4,676	2,303	698	397	7	583	674	0	219	1,428	6,301	4,543	85	5,344	7,200	-26%
10	Piedmont Technical College	2,015	0	2,412	4,371	0	6,783	4,307	642	1,697	130	1,074	841	0	0	1,070	9,631	8,561	93	9,206	7,500	23%
11	Rockingham Community College	1,092	0	1,094	8,303	343	9,739	5,090	648	1,239	287	1,816	911	0	83	941	10,729	9,648	89	10,840	8,700	25%
12	Rogue Community College	1,871	0	1,930	7,850	70	9,850	5,095	1,490	1,411	244	1,996	600	0	90	1,500	12,181	10,537	88	11,974	7,700	56%
13	San Juan College	2,431	0	972	7,417	55	8,444	3,622	821	601	80	998	867	0	908	882	8,699	6,491	91	7,133	7,500	-5%
14	SUNY College Of Technology At Canton	1,841	0	3,268	6,493	508	10,269	3,998	1,562	355	231	1,786	1,081	0	208	2,999	11,990	8,666	89	9,737	7,700	26%
15	Washington State Community College	1,425	0	3,096	2,967	0	6,063	2,705	1,136	1,133	47	1,623	519	0	0	1,435	8,550	7,115	84	8,471	8,300	2%
16	Wayne Community College	1,754	0	767	6,344	125	7,235	4,443	554	789	334	992	743	0	0	913	8,434	7,521	91	8,265	7,700	7%

HIGH		3,144	0	3,312	8,545	508	10,269	5,431	1,562	1,697	334	1,996	1,081	70	1,380	2,999	12,181	10,537	99	11,974	8,700	56%
AVERAGE	Excluding HAWAII CC	2,011	0	1,802	5,806	107	7,714	4,132	824	831	180	1,228	769	5	216	1,304	9,309	7,675	90	8,518	7,740	10%
LOW		1,092	0	767	2,882	0	4,676	2,303	540	183	7	583	519	0	0	473	6,301	4,543	84	5,344	7,000	-26%
% DIFF FROM AVERAGE	HAWAII CC	-21%		-17%	-31%	-99%	-28%	10%	1%	-63%	-79%	-13%	-100%	-84%	208%	-26%	-10%	-14%	6%	-19%	2%	-
	with SYSTEMWIDE	-21%		-17%	-21%	-99%	-21%	10%	2%	-58%	-79%	107%	-100%	-80%	208%	-25%	6%	4%	6%	-2%	-	-
RANK	HAWAII CC	12	-	10	12	11	15	6	6	15	15	9	16	2	3	11	13	12	2	13	5	15
	with SYSTEMWIDE	12	-	10	10	11	13	6	6	15	15	1	16	2	3	11	6	8	2	10	-	-

NA means not available.

1/ Due to fiscal interconnections between Hawaii CC and UH Hilo during the time period covered in this report, revenue and expenditure items at Hawaii CC may have been included with UH Hilo.

Therefore, the figures given here for Hawaii CC may be understated.

2/ Library is included in Academic Support.

Source: Research Associates of Washington.

**Appendix A6
HAWAI'I COMMUNITY COLLEGE
PEER GROUP COMPARISONS, PER FTE STUDENT
FISCAL YEAR 1997-98
PERCENT DISTRIBUTION**

	INSTITUTION	ENROLLMENT		REVENUES PER FTE STUDENT 1/				EXPENDITURES PER FTE STUDENT 1/										FULL INSTR EXPEND PER FTE STUDENT	
		FTE	% Grad	Tuition & Fees	Priv Approp	GC Endow	TOTAL REV	Instruc- tion	Student Svc	Acad Sup 2/	Libray 2/	Inst'l Supprt	Oper Maint	Funded Rsch	Public Svc	Student Aid	TOTAL EXP	Estm Instr	Full Adjusted Full Instr
1	Hawai'i Community College	1,598	0	27	73	0	100%	54	10	4	0	13	0	0	8	12	100%	79	83
	Hawai'i CC (including systemwide)	1,598	0	25	75	0	100%	46	8	4	0	26	0	0	7	10	100%	80	84
2	Catawba Valley Community College	1,737	0	15	84	1	100%	57	7	11	2	11	8	0	0	5	100%	95	96
3	Coastal Carolina Community College	2,048	0	15	84	1	100%	57	8	2	2	17	7	0	0	9	100%	91	109
4	College Of Southern Idaho	3,144	0	28	72	0	100%	33	6	8	2	10	7	0	14	22	100%	58	64
5	Community College Of Beaver County	1,460	0	53	47	0	100%	48	8	6	2	11	11	1	2	14	100%	82	88
6	Lenoir Community College	1,242	0	10	89	1	100%	53	8	7	3	11	9	0	0	11	100%	88	93
7	North Idaho College	2,721	0	21	77	2	100%	45	9	10	3	12	9	0	1	13	100%	85	95
8	Northeast Community College	2,571	0	27	71	2	100%	45	7	10	1	12	7	0	0	19	100%	81	90
9	Northwest-Shoals Community College	2,812	0	37	63	0	100%	37	11	6	0	9	11	0	3	23	100%	72	85
10	Piedmont Technical College	2,015	0	36	64	0	100%	45	7	18	1	11	9	0	0	11	100%	89	96
11	Rockingham Community College	1,092	0	11	85	4	100%	47	6	12	3	17	8	0	1	9	100%	90	101
12	Rogue Community College	1,871	0	20	80	1	100%	42	12	12	2	16	5	0	1	12	100%	87	98
13	San Juan College	2,431	0	12	88	1	100%	42	9	7	1	11	10	0	10	10	100%	75	82
14	SUNY College Of Technology At Canton	1,841	0	32	63	5	100%	33	13	3	2	15	9	0	2	25	100%	72	81
15	Washington State Community College	1,425	0	51	49	0	100%	32	13	13	1	19	6	0	0	17	100%	83	99
16	Wayne Community College	1,754	0	11	88	2	100%	53	7	9	4	12	9	0	0	11	100%	89	98

HIGH		3,144		53	89	5	-	57	13	18	4	19	11	1	14	25	-	95	109
AVERAGE	Excluding HAWAI'I CC	2,011		25	74	1	-	45	9	9	2	13	8	0	2	14	-	82	92
LOW		1,092		10	47	0	-	32	6	2	0	9	5	0	0	5	-	58	64

1/ Due to fiscal interconnections between Hawai'i CC and UH Hilo during the time period covered in this report, revenue and expenditure items at Hawai'i CC may have been included with UH Hilo.

Therefore, the figures given here for Hawai'i CC may be understated.

2/ Library is included in Academic Support.

Source: Research Associates of Washington.

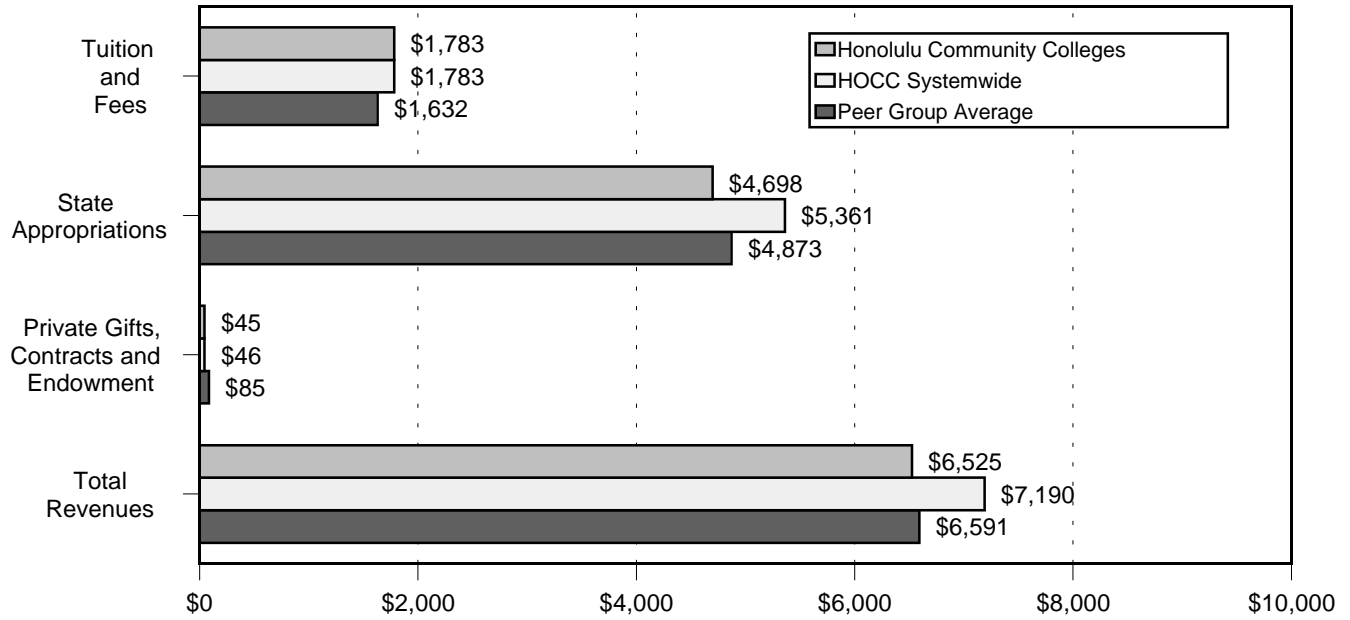
**Appendix A7
HAWAI'I COMMUNITY COLLEGE
PEER GROUP
FISCAL YEAR 1997-98**

	STATE	CARNEGIE CLASSIFICATION	NAME	CITY	FICE CODE	ENROLLMENT	
						FTE Enroll	% Grad
1	HI	Associate of Arts College	Hawai'i Community College	Hilo	5258	1,598	0
2	NC	Associate of Arts College	Catawba Valley Community College	Hickory	5318	1,737	0
3	NC	Associate of Arts College	Coastal Carolina Community College	Jacksonville	5316	2048	0
4	ID	Associate of Arts College	College Of Southern Idaho	Twin Falls	1619	3144	0
5	PA	Associate of Arts College	Community College Of Beaver County	Monaca	6807	1460	0
6	NC	Associate of Arts College	Lenoir Community College	Kinston	2940	1242	0
7	ID	Associate of Arts College	North Idaho College	Coeur d'Alene	1623	2721	0
8	NE	Associate of Arts College	Northeast Community College	Norfolk	11667	2571	0
9	AL	Associate of Arts College	Northwest-Shoals Community College	Muscle Shoals	5697	2812	0
10	SC	Associate of Arts College	Piedmont Technical College	Greenwood	3992	2015	0
11	NC	Associate of Arts College	Rockingham Community College	Wentworth	2958	1092	0
12	OR	Associate of Arts College	Rogue Community College	Grants Pass	10182	1871	0
13	NM	Associate of Arts College	San Juan College	Farmington	2660	2431	0
14	NY	Associate of Arts College	SUNY College Of Technology At Canton	Canton	2855	1841	0
15	OH	Associate of Arts College	Washington State Community College	Marietta	10453	1425	0
16	NC	Associate of Arts College	Wayne Community College	Goldsboro	2980	1754	0

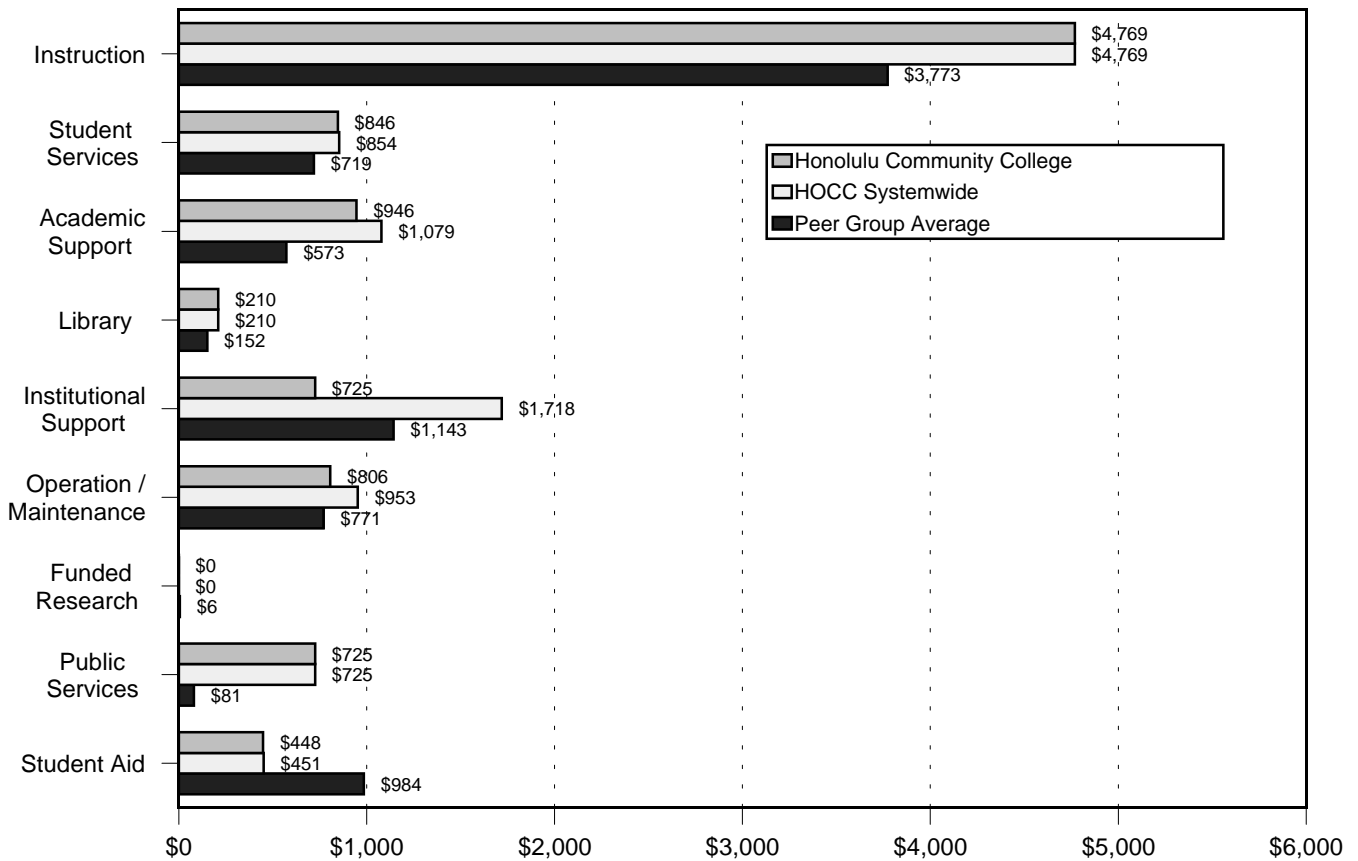
Source: Research Associates of Washington.

Honolulu Community College Peer Group Comparisons, FY 1997-98

**Figure B1
Revenues per FTE Student**

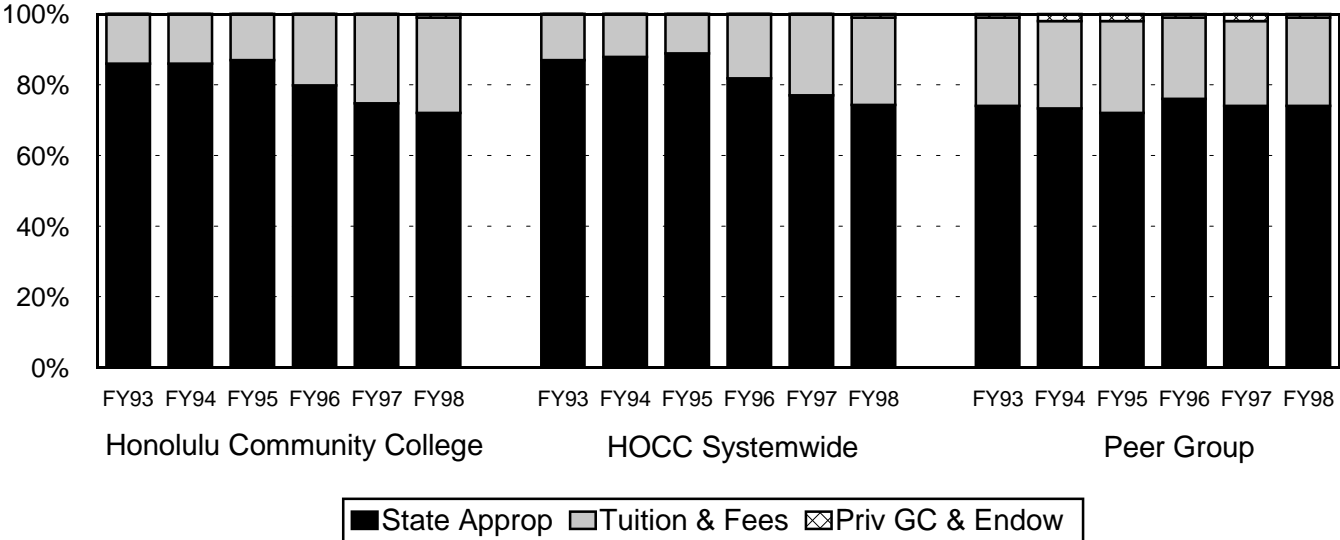


**Figure B2
Expenditures per FTE Student**



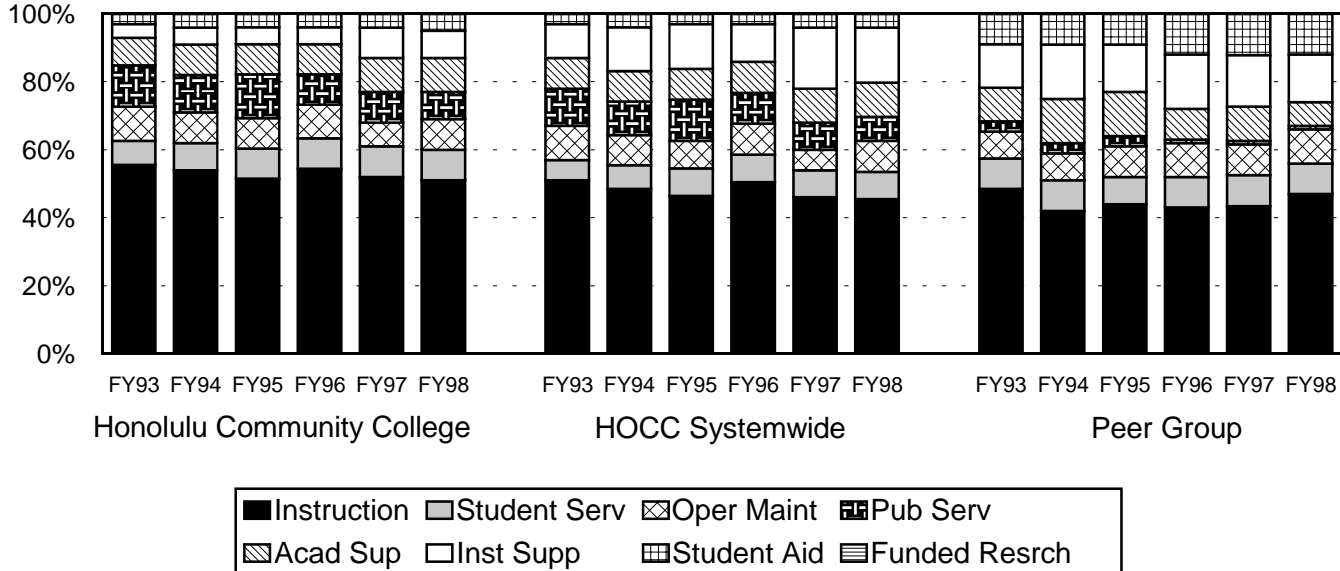
Honolulu Community College Peer Group Comparisons, FY 1997-98

Figure B3
Percent Distribution of Revenues Per FTE Student



State Approp
 Tuition & Fees
 Priv GC & Endow

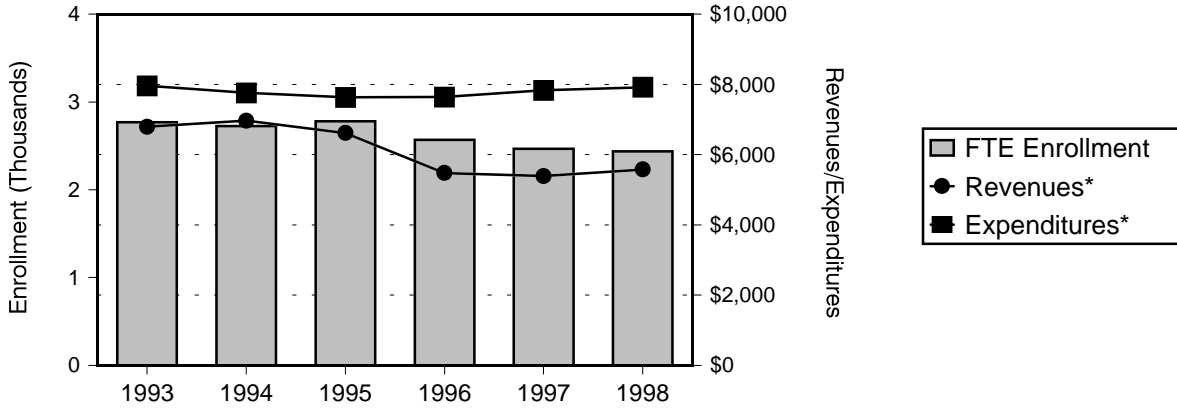
Figure B4
Percent Distribution of Expenditures Per FTE Student



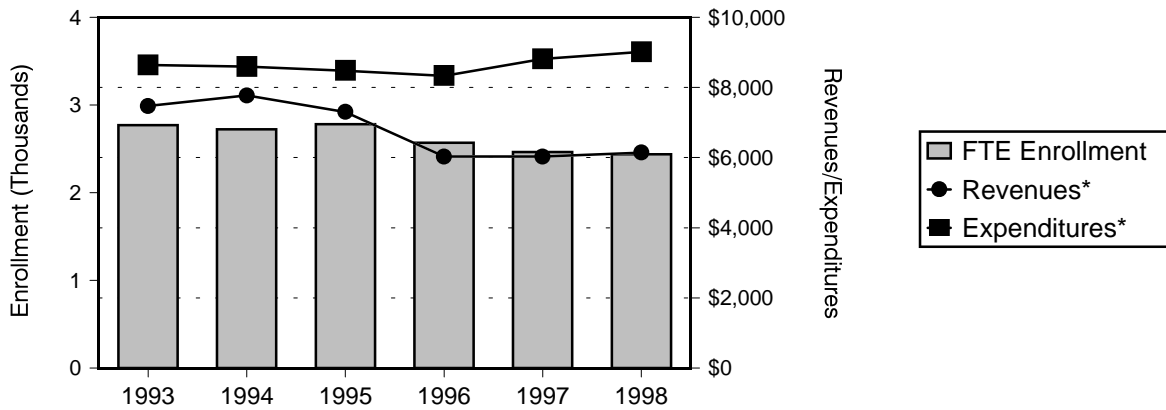
Instruction
 Student Serv
 Oper Maint
 Pub Serv
 Acad Sup
 Inst Supp
 Student Aid
 Funded Resrch

Honolulu Community College Peer Group Comparisons Fiscal Years 1992-93 to 1997-98

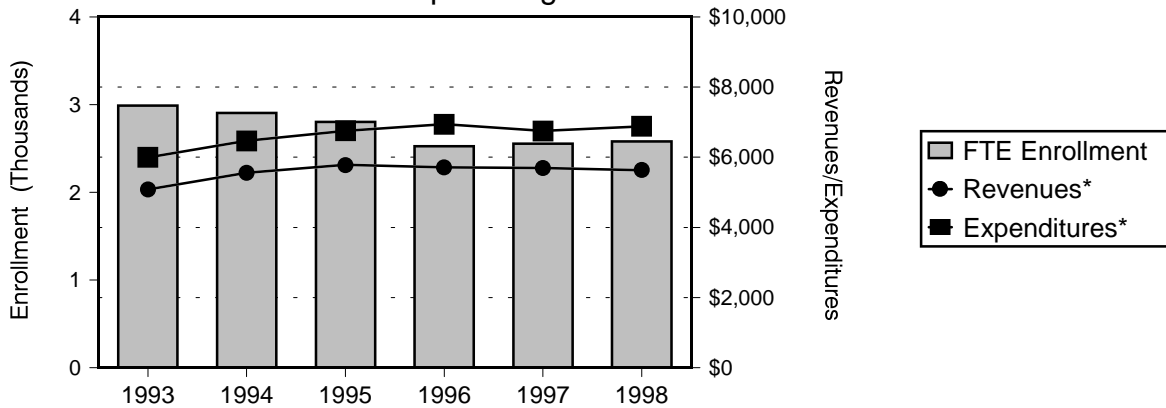
**Figure B5
Honolulu Community College**



**Figure B6
HOCC Systemwide**



**Figure B7
Peer Group Average**



* Total revenues per FTE student and total expenditures per FTE student in constant FY93 dollars.

**Appendix B1
HONOLULU COMMUNITY COLLEGE
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
CURRENT DOLLARS**

Year	FTE ENROLLMENT			REVENUES PER FTE STUDENT					EXPENDITURES PER FTE STUDENT											
	Number	% Chnge	% Grads	Tuition 1/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 1/	% Chnge	Instruc- tion	Student Ser	Acad Sup 2/	Library 2/	Inst Supprt	Oper Maint	FULL INSTR 3/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP	% Chnge
Honolulu CC																				
1992-93	2,769		0	947	5,838	10	6,795		4,374	539	669	156	352	812	6,464	0	939	273	7,958	
1993-94	2,724	-1.6	0	996	6,175	30	7,201	6.0	4,310	641	690	19	394	752	6,515	0	914	322	8,023	0.8
1994-95	2,781	2.1	0	882	6,143	21	7,046	-2.2	4,192	694	742	17	379	718	6,399	0	1,088	316	8,129	1.3
1995-96	2,570	-7.6	0	1,223	4,764	19	6,006	-14.8	4,600	736	715	145	434	806	7,058	0	778	313	8,382	3.1
1996-97	2,464	-4.1	0	1,541	4,525	22	6,088	1.4	4,607	805	852	147	830	638	7,505	0	757	359	8,848	5.6
1997-98	2,439	-5.1	0	1,783	4,698	45	6,525	8.6	4,769	846	946	210	725	806	7,808	0	725	448	9,265	10.5
% Change FY 93 to 98		-11.9						-4.0												16.4
Honolulu CC (Including Systemwide)																				
1992-93	2,769		0	947	6,511	11	7,469		4,407	543	744	156	902	832	7,146	0	939	273	8,640	
1993-94	2,724	-1.6	0	996	7,007	30	8,033	7.6	4,337	651	778	19	1,112	771	7,375	0	914	322	8,885	2.8
1994-95	2,781	2.1	0	882	6,875	21	7,778	-3.2	4,192	700	833	17	1,174	727	7,300	0	1,088	316	9,030	1.6
1995-96	2,570	-7.6	0	1,223	5,375	19	6,617	-14.9	4,600	746	835	145	1,050	807	7,801	0	790	313	9,141	1.2
1996-97	2,464	-4.1	0	1,541	5,249	23	6,813	3.0	4,629	814	989	147	1,771	640	8,616	0	757	359	9,959	9.0
1997-98	2,439	-5.1	0	1,783	5,361	46	7,190	8.7	4,769	854	1,079	210	1,718	953	8,945	0	725	451	10,549	15.4
% Change FY 93 to 98		-11.9						-3.7												22.1
Peer Group Average																				
1992-93	2,990		0	1,280	3,736	65	5,081		2,987	519	567	127	775	480	5,281	6	153	507	5,994	
1993-94	2,905	-2.8	0	1,379	4,277	90	5,746	13.1	2,742	605	924	131	1,114	540	5,879	0	153	606	6,684	11.5
1994-95	2,804	-3.5	0	1,560	4,488	108	6,156	7.1	3,026	622	1,035	134	1,054	614	6,294	1	189	648	7,190	7.6
1995-96	2,524	-10.0	0	1,423	4,754	90	6,266	1.8	3,253	704	758	149	1,178	713	6,585	1	67	941	7,614	5.9
1996-97	2,552	1.1	0	1,575	4,743	113	6,432	2.7	3,270	694	857	144	1,132	699	6,630	3	72	897	7,624	0.1
1997-98	2,580	2.2	0	1,632	4,873	85	6,591	5.2	3,773	719	573	152	1,143	771	6,934	6	81	984	8,050	5.7
% Change FY 93 to 98		-13.7						29.7												34.3

1/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

2/ Library is included in Academic Support.

3/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

Appendix B2
HONOLULU COMMUNITY COLLEGE
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
CONSTANT DOLLARS 1/

Year	FTE ENROLLMENT			REVENUES PER FTE STUDENT					EXPENDITURES PER FTE STUDENT 2/											
	Number	% Chnge	% Grads	Tuition 2/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 2/	% Chnge	Instruc- tion	Student Ser	Acad Sup 3/	Library 3/	Inst Supprt	Oper Maint	FULL INSTR 4/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP	% Chnge
Honolulu CC																				
1992-93	2,769		0	947	5,838	10	6,795		4,374	539	669	156	352	812	6,464	0	939	273	7,958	
1993-94	2,724	-1.6	0	963	5,972	29	6,964	2.5	4,168	620	667	18	381	727	6,301	0	884	311	7,759	-2.5
1994-95	2,781	2.1	0	828	5,768	20	6,616	-5.0	3,936	652	697	16	356	674	6,008	0	1,022	297	7,633	-1.6
1995-96	2,570	-7.6	0	1,115	4,343	17	5,475	-17.3	4,193	671	652	132	396	735	6,434	0	709	285	7,641	0.1
1996-97	2,464	-4.1	0	1,364	4,004	19	5,388	-1.6	4,077	712	754	130	735	565	6,642	0	670	318	7,830	2.5
1997-98	2,439	-5.1	0	1,524	4,015	38	5,577	1.9	4,076	723	809	179	620	689	6,674	0	620	383	7,919	3.6
% Change FY 93 to 98		-11.9						-17.9												-0.5
Honolulu CC (Including Systemwide)																				
1992-93	2,769		0	947	6,511	11	7,469		4,407	543	744	156	902	832	7,146	0	939	273	8,640	
1993-94	2,724	-1.6	0	963	6,777	29	7,769	4.0	4,194	630	752	18	1,075	746	7,132	0	884	311	8,593	-0.6
1994-95	2,781	2.1	0	828	6,455	20	7,303	-6.0	3,936	657	782	16	1,102	683	6,854	0	1,022	297	8,479	-1.3
1995-96	2,570	-7.6	0	1,115	4,900	17	6,032	-17.4	4,193	680	761	132	957	736	7,111	0	720	285	8,333	-1.7
1996-97	2,464	-4.1	0	1,364	4,645	20	6,029	0.0	4,096	720	875	130	1,567	566	7,625	0	670	318	8,813	5.8
1997-98	2,439	-5.1	0	1,524	4,582	39	6,145	1.9	4,076	730	922	179	1,468	815	7,645	0	620	385	9,016	8.2
% Change FY 93 to 98		-11.9						-17.7												4.4
Peer Group Average																				
1992-93	2,990		0	1,280	3,736	65	5,081		2,987	519	567	127	775	480	5,281	6	153	507	5,994	
1993-94	2,905	-2.8	0	1,334	4,136	87	5,557	9.4	2,652	585	894	127	1,077	522	5,686	0	148	586	6,464	7.8
1994-95	2,804	-3.5	0	1,465	4,214	101	5,780	4.0	2,841	584	972	126	990	577	5,910	1	177	608	6,751	4.4
1995-96	2,524	-10.0	0	1,297	4,334	82	5,712	-1.2	2,965	642	691	136	1,074	650	6,003	1	61	858	6,941	2.8
1996-97	2,552	1.1	0	1,394	4,197	100	5,692	-0.4	2,894	614	758	127	1,002	619	5,867	3	64	794	6,747	-2.8
1997-98	2,580	2.2	0	1,395	4,165	73	5,633	-1.4	3,225	615	490	130	977	659	5,926	5	69	841	6,880	-0.9
% Change FY 93 to 98		-13.7						10.9												14.8

1/ Constant dollars based on inflation measured by the Higher Education Price Index (HEPI). FY 1992-93 = 100.

2/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

3/ Library is included in Academic Support.

4/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

**Appendix B3
HONOLULU COMMUNITY COLLEGE
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
PERCENT DISTRIBUTION**

Year	FTE ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT										
	Number	% Grads	Tuition 1/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 1/	Instruc- tion	Student Ser	Acad Sup 2/	Library 2/	Inst Supprt	Oper Maint	FULL INSTR 3/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP
Honolulu CC																	
1992-93	2,769	0	14	86	0	100%	55	7	8	2	4	10	81	0	12	3	100%
1993-94	2,724	0	14	86	0	100%	54	8	9	0	5	9	81	0	11	4	100%
1994-95	2,781	0	13	87	0	100%	52	9	9	0	5	9	79	0	13	4	100%
1995-96	2,570	0	20	79	0	100%	55	9	9	2	5	10	84	0	9	4	100%
1996-97	2,464	0	25	74	0	100%	52	9	10	2	9	7	85	0	9	4	100%
1997-98	2,439	0	27	72	1	100%	51	9	10	2	8	9	84	0	8	5	100%
Honolulu CC (Including Systemwide)																	
1992-93	2,769	0	13	87	0	100%	51	6	9	2	10	10	83	0	11	3	100%
1993-94	2,724	0	12	87	0	100%	49	7	9	0	13	9	83	0	10	4	100%
1994-95	2,781	0	11	88	0	100%	46	8	9	0	13	8	81	0	12	3	100%
1995-96	2,570	0	18	81	0	100%	50	8	9	2	11	9	85	0	9	3	100%
1996-97	2,464	0	23	77	0	100%	46	8	10	1	18	6	87	0	8	4	100%
1997-98	2,439	0	25	75	1	100%	45	8	10	2	16	9	85	0	7	4	100%
Peer Group Average																	
1992-93	2,990	0	25	74	1	100%	49	9	10	2	13	8	88	0	3	9	100%
1993-94	2,905	0	25	74	2	100%	42	9	13	2	16	8	88	0	3	9	100%
1994-95	2,804	0	26	72	2	100%	44	8	13	2	14	9	87	0	3	9	100%
1995-96	2,524	0	23	76	1	100%	43	9	9	2	16	10	86	0	1	12	100%
1996-97	2,552	0	24	74	2	100%	43	9	10	2	15	9	87	0	1	12	100%
1997-98	2,580	0	25	74	1	100%	47	9	7	2	14	10	86	0	1	12	100%

1/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

2/ Library is included in Academic Support.

3/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

**Appendix B4
HONOLULU COMMUNITY COLLEGE RANKINGS
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98**

Year	Number of Schools in Group 1/	ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT										
		FTE	% Grads	Tuition 2/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 2/	Instruc- tion	Student Ser	Acad Sup 3/	Library 3/	Inst Supprt	Oper Maint	FULL INSTR 4/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP
Honolulu CC Ranking in PEER GROUP																		
1992-93	9	5	NA	7	1	6	1	2	4	3	5	9	1	2	2	1	8	1
1993-94	9	4	NA	7	1	5	1	1	4	4	9	8	1	3	NA	1	8	2
1994-95	8	3	NA	7	1	6	2	1	3	4	8	7	2	3	NA	1	7	3
1995-96	13	5	NA	8	8	7	8	2	6	6	8	13	6	5	2	1	13	5
1996-97	12 5/	5	NA	5	7	7	9	1	6	4	7	11	6	4	2	1	12	2
1997-98	12	8	NA	4	8	6	9	2	5	2	4	12	5	5	3	1	12	3
(Including Systemwide)																		
1992-93	9	5	NA	7	1	6	1	2	4	2	5	4	1	2	2	1	8	1
1993-94	9	4	NA	7	1	5	1	1	4	4	9	4	1	2	NA	1	8	1
1994-95	8	3	NA	7	1	6	1	1	3	3	8	3	2	3	NA	1	7	1
1995-96	13	5	NA	8	4	7	6	2	6	5	8	10	6	4	2	1	13	2
1996-97	12 5/	5	NA	5	5	7	6	1	6	2	7	2	6	1	2	1	12	1
1997-98	12	8	NA	4	5	6	4	2	5	1	4	1	3	1	3	1	12	1

NA means not applicable.

1/ Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY95-96 data are compared against the new peer group.

For FY92-93 to FY94-95, there were 9 institutions in Honolulu's peer group and beginning in FY95-96, there were 15 institutions. Data was not available for some institutions.

2/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

3/ Library is included in Academic Support.

4/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

5/ Corrected from previous report.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

**Appendix B5
HONOLULU COMMUNITY COLLEGE
PEER GROUP COMPARISONS, PER FTE STUDENT
FISCAL YEAR 1997-98**

	INSTITUTION	ENROLLMENT		REVENUES PER FTE STUDENT			EXPENDITURES PER FTE STUDENT									FULL INSTR EXPEND PER FTE STUDENT						
		FTE	% Grad	Tuition & Fees	Priv GC Approp	Endow	TOTAL REV	Instruc- tion	Student Svc	Acad Sup 1/	Library 1/	Inst'l Supprt	Oper Maint	Funded Rsch	Public Svc	Student Aid	TOTAL EXP	Estm Instr	Full HEWI	Adjusted Full Instr	Norm	Devia- tion
1	Honolulu Community College	2,439	0	1,783	4,698	45	6,525	4,769	846	946	210	725	806	0	725	448	9,265	7,808	104	7,508	7,500	0%
	Honolulu CC (including systemwide)	2,439	0	1,783	5,361	46	7,190	4,769	854	1,079	210	1,718	953	0	725	451	10,549	8,945	104	8,601	NA	NA
2	Cape Fear Community College	2,580	0	1,017	5,641	44	6,701	3,762	352	464	199	969	581	0	0	637	6,764	6,127	96	6,383	7,200	-11%
3	Cowley County Community College	2,193	0	905	3,952	0	4,857	2,073	691	212	14	1,005	984	0	0	1,042	6,005	4,964	87	5,706	7,500	-24%
4	Delaware Technical & Community College Stanton-Wilmington Campus	3,859	0	1,919	5,441	0	7,359	4,542	775	524	119	1,409	1,387	0	176	523	9,336	8,531	106	8,048	6,900	17%
5	Eastern Arizona College	2,606	0	866	4,890	0	5,756	2,639	814	141	111	961	677	0	0	612	5,845	5,233	80	6,541	7,200	-9%
6	Gaston College	2,200	0	703	6,952	132	7,788	5,256	419	224	224	1,218	899	0	0	547	8,563	8,017	101	7,937	7,500	6%
7	Lehigh Carbon Community College 2/	2,133	0	3,124	3,673	0	6,798	3,573	919	852	266	1,587	666	0	0	1,569	9,167	7,597	100	7,597	7,500	1%
8	North Idaho College	2,721	0	1,571	5,602	143	7,316	4,271	888	938	260	1,120	823	0	133	1,234	9,406	7,967	89	8,952	7,200	24%
9	Northeast Community College	2,571	0	1,523	3,990	99	5,611	3,467	540	741	77	919	520	0	0	1,469	7,657	6,187	90	6,875	7,200	-5%
10	South Seattle Community College	2,938	0	1,532	4,886	138	6,556	4,429	868	675	157	1,034	711	0	0	958	8,675	7,717	107	7,212	7,200	0%
11	Stark State College Of Technology 3/	2,480	0	3,063	3,476	371	6,911	3,446	591	545	47	1,168	601	71	578	1,297	8,298	6,031	95	6,348	7,500	-15%
12	Tri-County Technical College	2,099	0	1,735	5,105	10	6,851	4,044	1,054	993	197	1,180	635	0	0	930	8,837	7,908	96	8,237	7,500	10%

HIGH AVERAGE	Excluding HONOLULU CC	3,859	0	3,124	6,952	371	7,788	5,256	1,054	993	266	1,587	1,387	71	578	1,569	9,406	8,531	107	8,952	7,500	24%
LOW		2,580	0	1,632	4,873	85	6,591	3,773	719	573	152	1,143	771	6	81	984	8,050	6,934	95	7,258	7,309	-1%
		2,099	0	703	3,476	0	4,857	2,073	352	141	14	919	520	0	0	523	5,845	4,964	80	5,706	6,900	-24%
% DIFF FROM AVERAGE	HONOLULU CC	-5%		9%	-4%	-47%	-1%	26%	18%	65%	38%	-37%	5%	-100%	795%	-54%	15%	13%	9%	3%	3%	-
	with SYSTEMWIDE	-5%		9%	10%	-46%	9%	26%	19%	88%	38%	50%	24%	-100%	795%	-54%	31%	29%	9%	18%	-	-
RANK	HONOLULU CC	8	-	4	8	6	9	2	5	2	4	12	5	3	1	12	3	5	3	6	1	7
	with SYSTEMWIDE	8	-	4	5	6	4	2	5	1	4	1	3	3	1	12	1	1	3	2	-	-

NA means not available.

1/ Library is included in Academic Support.

2/ Formerly Lehigh County Community College.

3/ Formerly Stark Technical College.

Note: Data was not available for College of Alameda, Maple Woods Community College and Victor Valley College.

Source: Research Associates of Washington.

**Appendix B6
HONOLULU COMMUNITY COLLEGE
PEER GROUP COMPARISONS, PER FTE STUDENT
FISCAL YEAR 1997-98
PERCENT DISTRIBUTION**

	INSTITUTION	ENROLLMENT		REVENUES PER FTE STUDENT			EXPENDITURES PER FTE STUDENT										FULL INSTR EXPEND PER FTE STUDENT		
		FTE	% Grad	Tuition & Fees	Priv GC Approp	GC Endow	TOTAL REV	Instruc- tion	Student Svc	Acad Sup 1/	Libray 1/	Inst'l Supprt	Oper Maint	Funded Rsch	Public Svc	Student Aid	TOTAL EXP	Estm Instr	Full Adjusted Instr
1	Honolulu Community College Honolulu CC (including systemwide)	2,439	0	27	72	1	100%	51	9	10	2	8	9	0	8	5	100%	84	81
		2,439	0	25	75	1	100%	45	8	10	2	16	9	0	7	4	100%	85	82
2	Cape Fear Community College	2,580	0	15	84	1	100%	56	5	7	3	14	9	0	0	9	100%	91	94
3	Cowley County Community College	2,193	0	19	81	0	100%	35	12	4	0	17	16	0	0	17	100%	83	95
4	Delaware Technical & Community College Stanton-Wilmington Campus	3,859	0	26	74	0	100%	49	8	6	1	15	15	0	2	6	100%	91	86
5	Eastern Arizona College	2,606	0	15	85	0	100%	45	14	2	2	16	12	0	0	10	100%	90	112
6	Gaston College	2,200	0	9	89	2	100%	61	5	3	3	14	11	0	0	6	100%	94	93
7	Lehigh Carbon Community College 2/	2,133	0	46	54	0	100%	39	10	9	3	17	7	0	0	17	100%	83	83
8	North Idaho College	2,721	0	21	77	2	100%	45	9	10	3	12	9	0	1	13	100%	85	95
9	Northeast Community College	2,571	0	27	71	2	100%	45	7	10	1	12	7	0	0	19	100%	81	90
10	South Seattle Community College	2,938	0	23	75	2	100%	51	10	8	2	12	8	0	0	11	100%	89	83
11	Stark State College Of Technology 3/	2,480	0	44	50	5	100%	42	7	7	1	14	7	1	7	16	100%	73	77
12	Tri-County Technical College	2,099	0	25	75	0	100%	46	12	11	2	13	7	0	0	11	100%	89	93

HIGH		3,859		46	89	5	-	61	14	11	3	17	16	1	7	19	-	94	112
AVERAGE	Excluding HONOLULU CC	2,580		25	74	1	-	47	9	7	2	14	10	0	1	12	-	86	91
LOW		2,099		9	50	0	-	35	5	2	0	12	7	0	0	6	-	73	77

1/ Library is included in Academic Support.

2/ Formerly Lehigh County Community College.

3/ Formerly Stark Technical College.

Note: Data was not available for College of Alameda, Maple Woods Community College and Victor Valley College.

Source: Research Associates of Washington.

**Appendix B7
HONOLULU COMMUNITY COLLEGE
PEER GROUP
FISCAL YEAR 1997-98**

	STATE	CARNEGIE CLASSIFICATION	NAME	CITY	FICE CODE	ENROLLMENT	
						FTE Enroll	% Grad
1	HI	Associate of Arts College	Honolulu Community College	Honolulu	5258	2,439	0
2	NC	Associate of Arts College	Cape Fear Community College	Wilmington	5318	2,580	0
3	CA	Associate of Arts College	College Of Alameda 1/	Alameda	5316	Not Available	
4	KS	Associate of Arts College	Cowley County Community College	Arkansas City	1619	2,193	0
5	DE	Associate of Arts College	Delaware Technical & Community College Stanton-Wilmington Campus	Newark	6807	3859	0
6	AZ	Associate of Arts College	Eastern Arizona College	Thatcher	2940	2,606	0
7	NC	Associate of Arts College	Gaston College	Dallas	1623	2200	0
8	PA	Associate of Arts College	Lehigh Carbon Community College 2/	Schnecksville	11667	2133	0
9	MO	Associate of Arts College	Maple Woods Community College 1/	Kansas City	5697	Not Available	
10	ID	Associate of Arts College	North Idaho College	Coeur d'Alene	3992	2,721	0
11	NE	Associate of Arts College	Northeast Community College	Norfolk	2958	2571	0
12	WA	Associate of Arts College	South Seattle Community College	Seattle	10182	2938	0
13	OH	Associate of Arts College	Stark State College Of Technology 3/	Canton	2660	2480	0
14	SC	Associate of Arts College	Tri-County Technical College	Pendleton	2855	2099	0
15	CA	Associate of Arts College	Victor Valley College 1/	Victorville	10453	Not Available	

1/ Data not available for FY 1997-98, therefore, it is not listed in the peer group comparison tables.

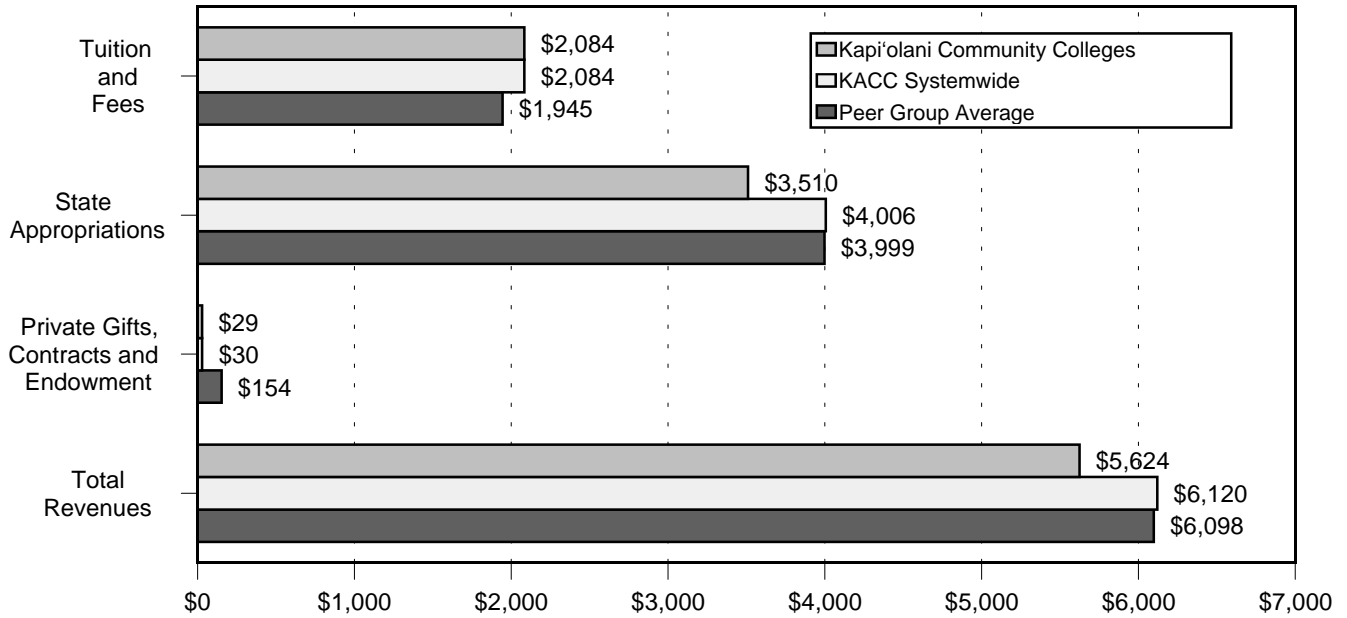
2/ Formerly Lehigh County Community College.

3/ Formerly Stark Technical College.

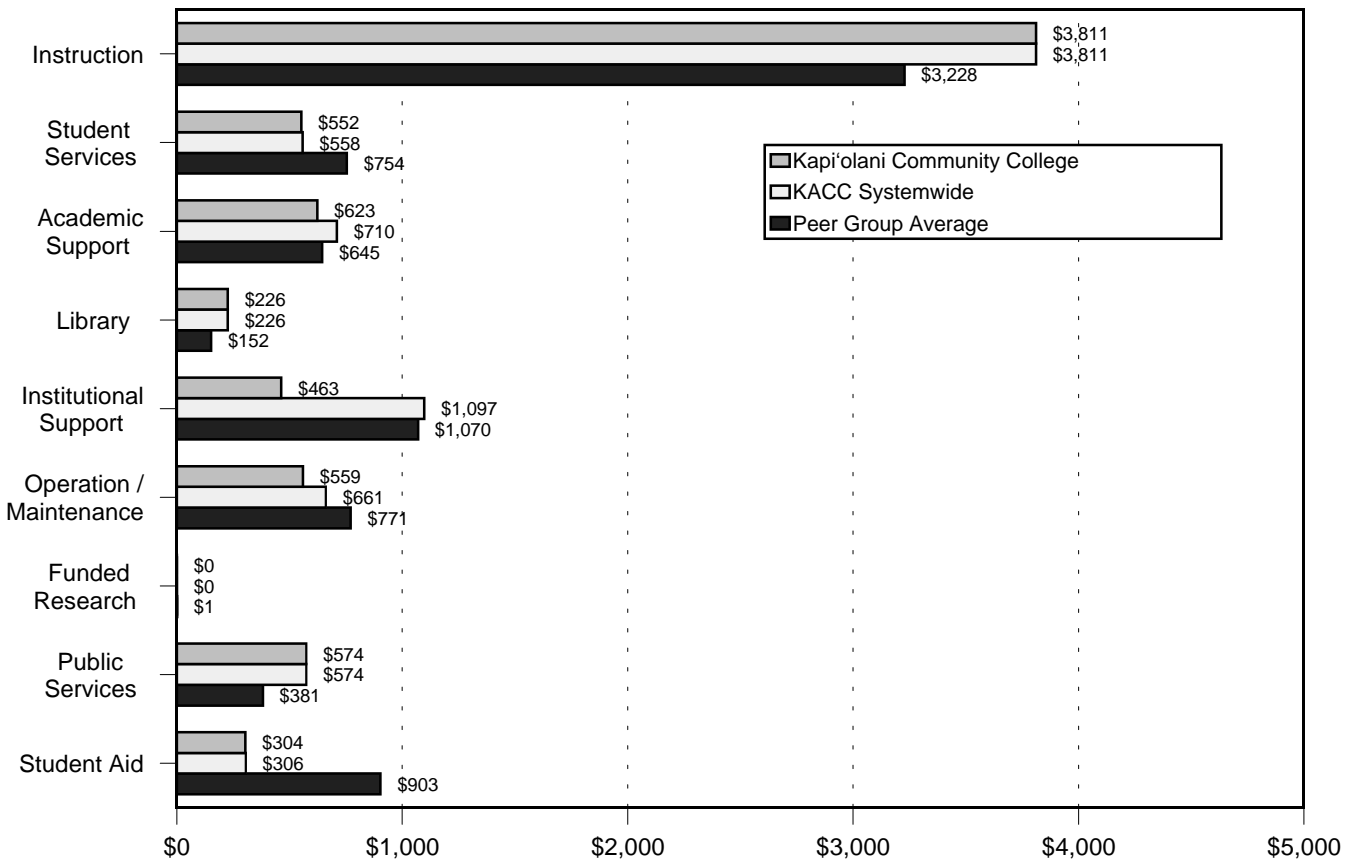
Source: Research Associates of Washington.

Kapi'olani Community College Peer Group Comparisons, FY 1997-98

**Figure C1
Revenues per FTE Student**

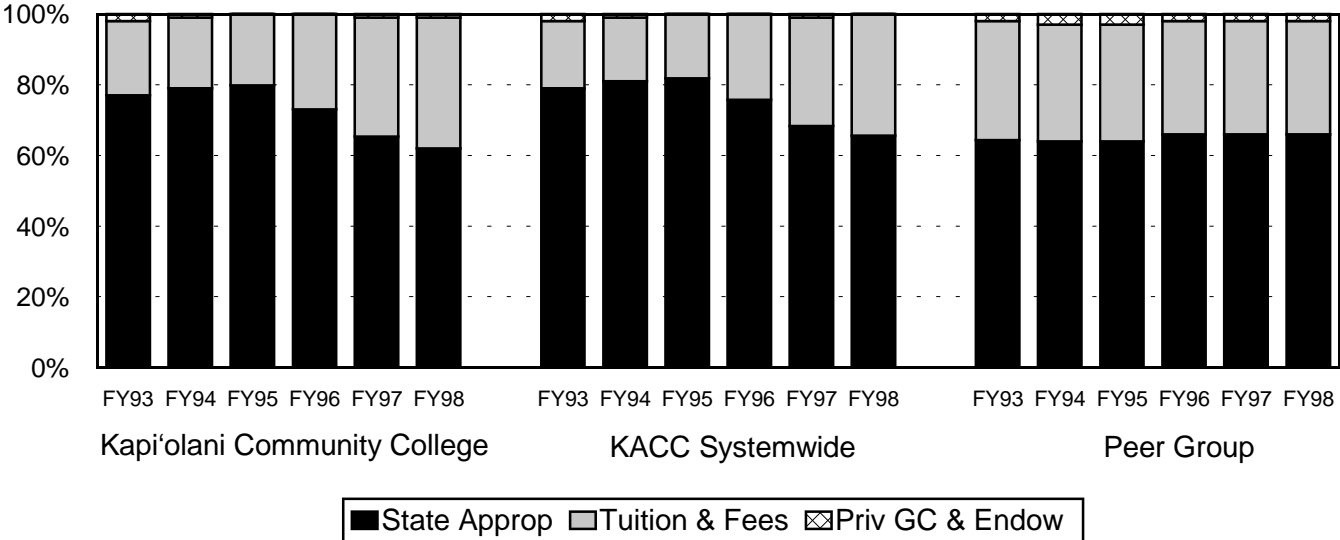


**Figure C2
Expenditures per FTE Student**



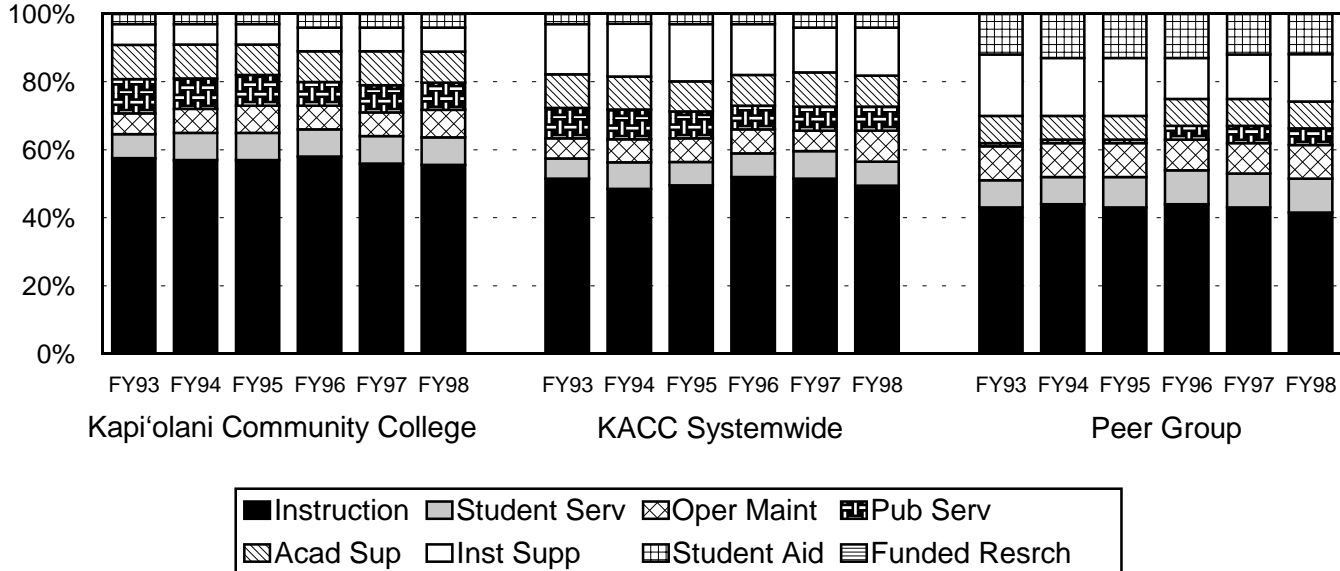
Kapi'olani Community College Peer Group Comparisons, FY 1997-98

Figure C3
Percent Distribution of Revenues Per FTE Student



State Approp
 Tuition & Fees
 Priv GC & Endow

Figure C4
Percent Distribution of Expenditures Per FTE Student



Instruction
 Student Serv
 Oper Maint
 Pub Serv
 Acad Sup
 Inst Sup
 Student Aid
 Funded Resrch

Kapi'olani Community College Peer Group Comparisons Fiscal Years 1992-93 to 1997-98

Figure C5
Kapi'olani Community College

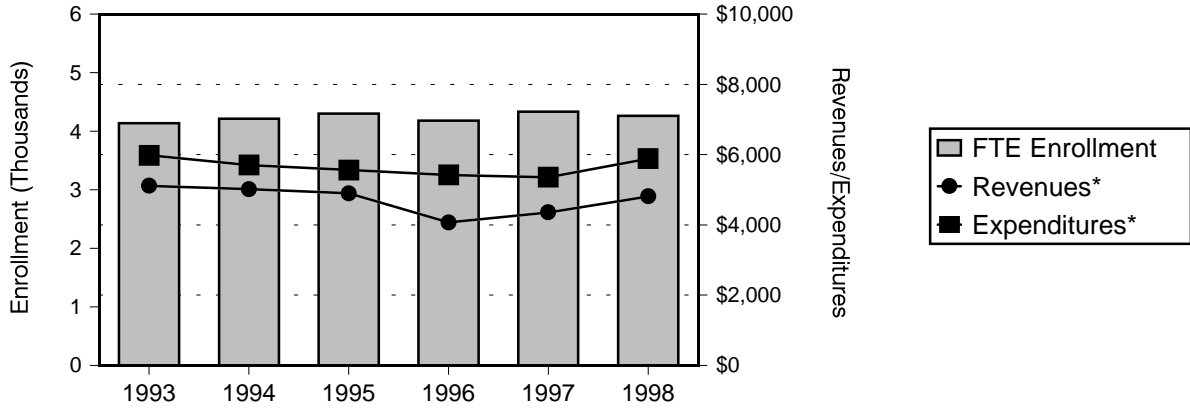


Figure C6
KACC Systemwide

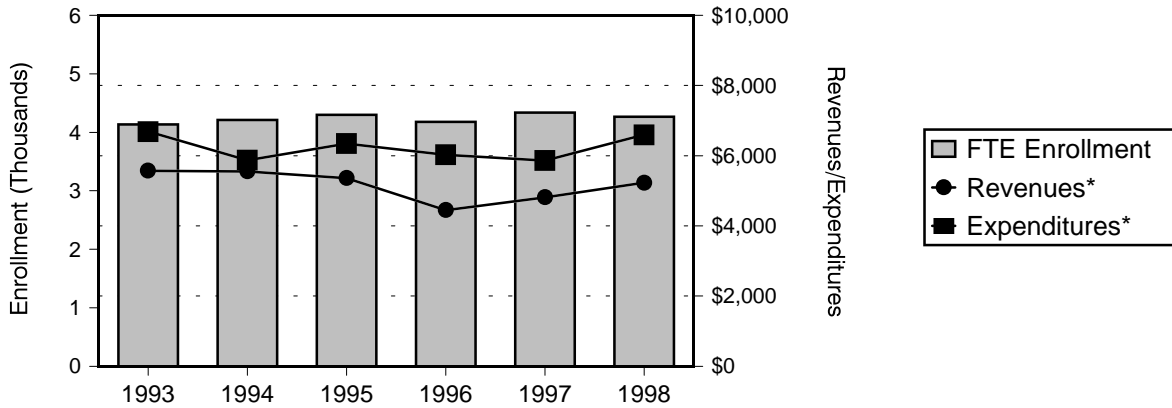
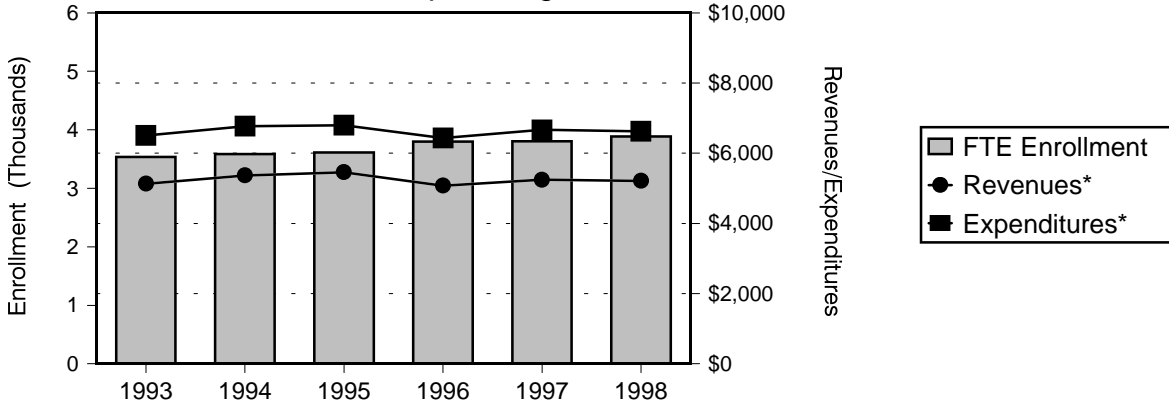


Figure C7
Peer Group Average



* Total revenues per FTE student and total expenditures per FTE student in constant FY93 dollars.

**Appendix C1
KAPI'OLANI COMMUNITY COLLEGE
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
CURRENT DOLLARS**

Year	FTE ENROLLMENT			REVENUES PER FTE STUDENT					EXPENDITURES PER FTE STUDENT											
	Number	% Chnge	% Grads	Tuition 1/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 1/	% Chnge	Instruc- tion	Student Ser	Acad Sup 2/	Library 2/	Inst Supprt	Oper Maint	FULL INSTR 3/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP	% Chnge
Kapi'olani CC																				
1992-93	4,133		0	1,067	3,956	88	5,111		3,422	405	608	169	386	367	5,006	0	606	185	5,979	
1993-94	4,212	1.9	0	1,022	4,111	55	5,188	1.5	3,345	458	609	54	379	395	5,025	0	538	175	5,899	-1.3
1994-95	4,301	2.1	0	1,050	4,141	24	5,215	0.5	3,388	461	560	35	361	449	5,064	9	507	188	5,923	0.4
1995-96	4,181	-2.8	0	1,192	3,257	16	4,465	-14.4	3,432	489	525	147	399	438	5,151	0	439	224	5,946	0.4
1996-97	4,336	3.7	0	1,662	3,229	28	4,919	10.2	3,382	506	597	157	400	421	5,159	0	491	257	6,054	1.8
1997-98	4,264	-1.7	0	2,084	3,510	29	5,624	14.3	3,811	552	623	226	463	559	5,817	0	574	304	6,886	13.8
% Change FY 93 to 98		3.2						10.0												15.2
Kapi'olani CC (Including Systemwide)																				
1992-93	4,133		0	1,067	4,412	93	5,572		3,448	408	676	169	990	376	5,716	0	606	185	6,689	
1993-94	4,212	1.9	0	1,022	4,665	56	5,743	3.1	3,366	466	686	54	1,069	405	5,831	0	538	175	6,075	-9.2
1994-95	4,301	2.1	0	1,050	4,634	24	5,708	-0.6	3,388	465	629	35	1,119	455	5,901	9	507	188	6,760	11.3
1995-96	4,181	-2.8	0	1,192	3,674	16	4,882	-14.5	3,432	496	613	147	965	439	5,811	0	446	224	6,615	-2.1
1996-97	4,336	3.7	0	1,662	3,746	29	5,437	11.4	3,398	511	693	157	854	422	5,731	0	491	257	6,626	0.2
1997-98	4,264	-1.7	0	2,084	4,006	30	6,120	12.6	3,811	558	710	226	1,097	661	6,550	0	574	306	7,717	16.5
% Change FY 93 to 98		3.2						9.8												15.4
Peer Group Average																				
1992-93	3,537		0	1,679	3,352	99	5,129		2,850	523	477	150	1,181	644	5,661	5	42	784	6,506	
1993-94	3,585	1.4	0	1,832	3,554	164	5,549	8.2	3,114	585	437	151	1,219	686	6,025	4	46	908	6,998	7.6
1994-95	3,613	0.8	0	1,918	3,716	176	5,810	4.7	3,132	623	464	143	1,284	751	6,231	5	66	919	7,242	3.5
1995-96	3,799	5.2	0	1,780	3,666	118	5,564	-4.2	3,053	680	558	177	882	646	5,725	1	313	924	7,057	-2.6
1996-97	3,804	0.1	0	1,882	3,912	132	5,925	6.5	3,209	747	591	170	1,010	689	6,136	1	364	922	7,532	6.7
1997-98	3,886	2.2	0	1,945	3,999	154	6,098	2.9	3,228	754	645	152	1,070	771	6,302	1	381	903	7,753	2.9
% Change FY 93 to 98		9.9						18.9												19.2

1/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

2/ Library is included in Academic Support.

3/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

Appendix C2
KAPI'OLANI COMMUNITY COLLEGE
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
CONSTANT DOLLARS 1/

Year	FTE ENROLLMENT			REVENUES PER FTE STUDENT					EXPENDITURES PER FTE STUDENT 2/											
	Number	% Chnge	% Grads	Tuition 2/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 2/	% Chnge	Instruc- tion	Student Ser	Acad Sup 3/	Library 3/	Inst Supprt	Oper Maint	FULL INSTR 4/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP	% Chnge
Kapi'olani CC																				
1992-93	4,133		0	1,067	3,956	88	5,111		3,422	405	608	169	386	367	5,006	0	606	185	5,979	
1993-94	4,212	1.9	0	988	3,976	53	5,017	-1.8	3,235	443	589	52	367	382	4,860	0	520	169	5,705	-4.6
1994-95	4,301	2.1	0	986	3,888	23	4,897	-2.4	3,181	433	526	33	339	422	4,755	8	476	177	5,562	-2.5
1995-96	4,181	-2.8	0	1,087	2,969	15	4,070	-16.9	3,129	446	479	134	364	399	4,696	0	400	204	5,420	-2.5
1996-97	4,336	3.7	0	1,471	2,858	25	4,353	7.0	2,993	448	528	139	354	373	4,565	0	435	227	5,358	-1.2
1997-98	4,264	-1.7	0	1,781	3,000	25	4,807	10.4	3,258	472	532	193	396	478	4,972	0	491	260	5,886	9.9
% Change FY 93 to 98		3.2						-6.0												-1.6
Kapi'olani CC (Including Systemwide)																				
1992-93	4,133		0	1,067	4,412	93	5,572		3,448	408	676	169	990	376	5,716	0	606	185	6,689	
1993-94	4,212	1.9	0	988	4,512	54	5,554	-0.3	3,255	451	663	52	1,034	392	5,639	0	520	169	5,875	-12.2
1994-95	4,301	2.1	0	986	4,351	23	5,360	-3.5	3,181	437	591	33	1,051	427	5,541	8	476	177	6,347	8.0
1995-96	4,181	-2.8	0	1,087	3,349	15	4,450	-17.0	3,129	452	559	134	880	400	5,297	0	407	204	6,030	-5.0
1996-97	4,336	3.7	0	1,471	3,315	26	4,812	8.1	3,007	452	613	139	756	373	5,071	0	435	227	5,864	-2.8
1997-98	4,264	-1.7	0	1,781	3,424	26	5,231	8.7	3,257	477	607	193	938	565	5,599	0	491	262	6,596	12.5
% Change FY 93 to 98		3.2						-6.1												-1.4
Peer Group Average																				
1992-93	3,537		0	1,679	3,352	99	5,129		2,850	523	477	150	1,181	644	5,661	5	42	784	6,506	
1993-94	3,585	1.4	0	1,772	3,437	159	5,367	4.6	3,012	566	423	146	1,179	663	5,827	4	44	878	6,768	4.0
1994-95	3,613	0.8	0	1,801	3,489	165	5,455	1.7	2,941	585	436	134	1,206	705	5,851	5	62	863	6,800	0.5
1995-96	3,799	5.2	0	1,623	3,342	108	5,072	-7.0	2,783	620	509	161	804	589	5,219	1	285	842	6,433	-5.4
1996-97	3,804	0.1	0	1,665	3,462	117	5,243	3.4	2,840	661	523	150	894	610	5,430	1	322	816	6,665	3.6
1997-98	3,886	2.2	0	1,662	3,418	132	5,212	-0.6	2,759	644	551	130	915	659	5,386	1	326	772	6,626	-0.6
% Change FY 93 to 98		9.9						1.6												1.9

1/ Constant dollars based on inflation measured by the Higher Education Price Index (HEPI). FY 1992-93 = 100.

2/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

3/ Library is included in Academic Support.

4/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

**Appendix C3
KAPI'OLANI COMMUNITY COLLEGE
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
PERCENT DISTRIBUTION**

Year	FTE ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT										
	Number	% Grads	Tuition 1/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 1/	Instruc- tion	Student Ser	Acad Sup 2/	Library 2/	Inst Supprt	Oper Maint	FULL INSTR 3/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP
Kapi'olani CC																	
1992-93	4,133	0	21	77	2	100%	57	7	10	3	6	6	84	0	10	3	100%
1993-94	4,212	0	20	79	1	100%	57	8	10	1	6	7	85	0	9	3	100%
1994-95	4,301	0	20	79	0	100%	57	8	9	1	6	8	85	0	9	3	100%
1995-96	4,181	0	27	73	0	100%	58	8	9	2	7	7	87	0	7	4	100%
1996-97	4,336	0	34	66	1	100%	56	8	10	3	7	7	85	0	8	4	100%
1997-98	4,264	0	37	62	1	100%	55	8	9	3	7	8	84	0	8	4	100%
Kapi'olani CC (Including Systemwide)																	
1992-93	4,133	0	19	79	2	100%	52	6	10	3	15	6	85	0	9	3	100%
1993-94 4/	4,212	0	18	81	1	100%	50	7	10	1	16	6	87	0	8	3	110%
1994-95	4,301	0	18	81	0	100%	50	7	9	1	17	7	87	0	8	3	100%
1995-96	4,181	0	24	75	0	100%	52	7	9	2	15	7	88	0	7	3	100%
1996-97	4,336	0	31	69	1	100%	51	8	10	2	13	6	86	0	7	4	100%
1997-98	4,264	0	34	65	0	100%	49	7	9	3	14	9	85	0	7	4	100%
Peer Group Average																	
1992-93	3,537	0	34	65	2	100%	43	8	8	2	18	10	87	0	1	12	100%
1993-94	3,585	0	33	64	3	100%	44	8	7	2	17	10	86	0	1	13	100%
1994-95	3,613	0	33	64	3	100%	43	9	7	2	17	10	86	0	1	13	100%
1995-96	3,799	0	32	66	2	100%	44	10	8	3	12	9	81	0	4	13	100%
1996-97	3,804	0	32	66	2	100%	43	10	8	2	13	9	82	0	5	12	100%
1997-98	3,886	0	32	66	2	100%	42	10	8	2	14	10	81	0	5	12	100%

1/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

2/ Library is included in Academic Support.

3/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

4/ Figures for some items have been corrected from previous report.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

Appendix C4
KAPI'OLANI COMMUNITY COLLEGE RANKINGS
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98

Year	Number of Schools in Group 1/	ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT										
		FTE	% Grads	Tuition 2/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 2/	Instruc- tion	Student Ser	Acad Sup 3/	Library 3/	Inst Supprt	Oper Maint	FULL INSTR 4/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP
Kapi'olani CC Ranking in PEER GROUP																		
1992-93	11	2	NA	10	4	5	5	3	9	2	5	11	10	8	3	1	11	8
1993-94	11	2	NA	10	4	6	8	4	9	2	10	11	10	9	NA	1	11	9
1994-95	11	2	NA	11	4	10	8	5	10	3	10	11	9	9	3	1	11	9
1995-96	18	4	NA	16	13	13	16	4	17	9	12	17	16	12	3	4	18	15
1996-97	18	3	NA	11	15	13	13	6	16	7	11	17	16	13	2	5	18	16
1997-98	18	6	NA	9	11	14	11	4	15	6	2	17	14	11	2	5	18	14
(Including Systemwide)																		
1992-93	11	2	NA	10	2	5	4	3	9	2	5	7	10	6	3	1	11	5
1993-94	11	2	NA	10	2	6	4	4	9	2	10	6	10	7	NA	1	11	8
1994-95	11	2	NA	11	4	10	6	5	10	3	10	6	9	7	3	1	11	8
1995-96	18	4	NA	16	10	13	13	4	17	5	12	8	16	8	3	4	18	13
1996-97	18	3	NA	11	10	13	12	6	16	5	11	7	16	10	2	5	18	13
1997-98	18	6	NA	9	9	14	9	4	15	5	2	7	8	8	2	5	18	10

NA means not applicable.

1/ Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY95-96 data are compared against the new peer group.

For FY92-93 to FY94-95, there were 11 institutions in Kapi'olani's peer group and beginning in FY95-96, there were 20 institutions. Data was not available for some institutions.

2/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

3/ Library is included in Academic Support.

4/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

**Appendix C5
KAPI'OLANI COMMUNITY COLLEGE
PEER GROUP COMPARISONS, PER FTE STUDENT
FISCAL YEAR 1997-98**

	INSTITUTION	ENROLLMENT		REVENUES PER FTE STUDENT			EXPENDITURES PER FTE STUDENT										FULL INSTR EXPEND PER FTE STUDENT					
		% FTE	Grad	Tuition & Fees	Priv GC Approp	GC Endow	TOTAL REV	Instruc- tion	Student Svc	Acad Sup 1/	Library 1/	Inst'l Supprt	Oper Maint	Funded Rsch	Public Svc	Student Aid	TOTAL EXP	Estm Instr	Full HEWI Instr	Adjusted Full Instr	Norm	Devia- tion
1	Kapi'olani Community College	4,264	0	2,084	3,510	29	5,624	3,811	552	623	226	463	559	0	574	304	6,886	5,817	104	5,594	6,800	-18%
	Kapi'olani CC (including systemwide)	4,264	0	2,084	4,006	30	6,120	3,811	558	710	226	1,097	661	0	574	306	7,717	6,550	104	6,298	NA	NA
2	College of the Desert	4,407	0	496	5,652	0	6,148	2,705	682	931	126	881	671	0	89	700	6,659	5,806	97	5,985	6,800	-12%
3	Gloucester County College	3,023	0	2,194	3,303	234	5,731	3,154	924	667	225	1,081	600	0	304	701	7,431	6,263	104	6,022	7,000	-14%
4	Holyoke Community College	3,382	0	2,342	4,373	90	6,805	3,407	1,130	594	141	1,256	647	0	0	1,072	8,106	7,034	101	6,964	7,000	-1%
5	Jefferson State Community College	3,544	0	1,841	3,376	26	5,244	2,266	598	505	103	1,038	527	0	254	1,027	6,215	4,765	102	4,672	6,900	-32%
6	Kansas City Kansas Community College	2,959	0	1,351	5,795	108	7,254	3,304	594	1,138	148	1,331	1,172	10	0	928	8,478	7,530	96	7,843	7,200	9%
7	Lorain County Community College	4,062	0	2,543	4,314	510	7,367	3,092	729	546	28	1,019	751	0	1,613	1,036	8,786	5,450	96	5,677	6,800	-17%
8	Middlesex Community College	3,746	0	2,329	5,003	228	7,559	3,530	1,413	1,418	194	1,116	927	0	618	751	9,772	8,019	109	7,357	6,900	7%
9	Montgomery County Community College	4,719	0	2,572	4,049	40	6,661	4,077	698	588	32	885	904	0	52	457	7,661	7,126	103	6,919	6,700	3%
10	Niagara County Community College	3,688	0	3,038	4,004	20	7,062	4,364	774	811	291	999	2,169	0	100	1,524	10,741	9,041	92	9,827	6,900	42%
11	Orange County Community College	3,644	0	2,920	4,601	948	8,470	4,716	933	512	195	1,529	1,009	0	0	966	9,665	8,699	91	9,559	6,900	39%
12	Parkland College	5,161	0	2,406	2,376	0	4,782	3,404	482	617	162	1,639	636	0	509	742	8,029	6,442	99	6,508	6,600	-1%
13	Pasco-Hernando Community College	2,851	0	1,336	4,274	55	5,665	2,508	758	616	201	2,454	618	0	0	1,168	8,122	6,954	91	7,642	7,200	6%
14	Roane State Community College	3,734	0	1,493	3,630	53	5,176	3,028	584	468	98	606	545	0	1,489	1,004	7,724	4,758	84	5,665	6,900	-18%
15	Scottsdale Community College	5,052	0	1,489	3,470	99	5,059	2,727	536	454	100	390	423	0	47	415	4,992	4,513	100	4,513	6,600	-32%
16	Tacoma Community College	3,795	0	1,903	3,378	97	5,378	3,195	844	446	190	921	584	0	0	1,440	7,430	5,990	98	6,112	6,900	-11%
17	Volunteer State Community College	4,352	0	1,452	3,041	47	4,540	2,546	641	340	225	527	289	0	13	600	4,955	4,338	90	4,819	6,800	-29%
18	Walters State Community College	3,946	0	1,361	3,351	61	4,772	2,863	498	321	121	520	633	0	1,387	823	7,044	4,404	85	5,181	6,900	-25%
	HIGH	5,161	0	3,038	5,795	948	8,470	4,716	1,413	1,418	291	2,454	2,169	10	1,613	1,524	10,741	9,041	109	9,827	7,200	42%
	AVERAGE Excluding KAPI'OLANI CC	3,886	0	1,945	3,999	154	6,098	3,228	754	645	152	1,070	771	1	381	903	7,753	6,302	96	6,545	6,882	-5%
	LOW	2,851	0	496	2,376	0	4,540	2,266	482	321	28	390	289	0	0	415	4,955	4,338	84	4,513	6,600	-32%
	% DIFF FROM AVERAGE KAPI'OLANI CC	10%		7%	-12%	-81%	-8%	18%	-27%	-3%	49%	-57%	-27%	-100%	51%	-66%	-11%	-8%	8%	-15%	-1%	-
	% DIFF FROM AVERAGE with SYSTEMWIDE	10%		7%	0%	-81%	0%	18%	-26%	10%	49%	3%	-14%	-100%	51%	-66%	0%	4%	8%	-4%	-	-
	RANK KAPI'OLANI CC	6	-	9	11	14	11	4	15	6	2	17	14	2	5	18	14	11	2	14	12	13
	RANK with SYSTEMWIDE	6	-	9	9	14	9	4	15	5	2	7	8	2	5	18	10	8	2	9	-	-

NA means not available.

1/ Library is included in Academic Support.

Note: Data not available for Manchester Community College (formerly Manchester Community-Technical College to Manchester Community College) and Saint Louis Community College at Forest Park.

Source: Research Associates of Washington.

**Appendix C6
KAPI'OLANI COMMUNITY COLLEGE
PEER GROUP COMPARISONS, PER FTE STUDENT
FISCAL YEAR 1997-98
PERCENT DISTRIBUTION**

	INSTITUTION	ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT									FULL INSTR EXPEND PER FTE STUDENT		
		FTE	% Grad	Tuition & Fees	Priv GC Approp	Endow	TOTAL REV	Instruc- tion	Student Svc	Acad Sup 1/	Libray 1/	Inst'l Supprt	Oper Maint	Funded Rsch	Public Svc	Student Aid	TOTAL EXP	Estm Instr	Full Adjusted Full Instr
1	Kapi'olani Community College	4,264	0	37	62	1	100%	55	8	9	3	7	8	0	8	4	100%	84	81
	Kapi'olani CC (including systemwide)	4,264	0	34	65	0	100%	49	7	9	3	14	9	0	7	4	100%	85	82
2	College of the Desert	4,407	0	8	92	0	100%	41	10	14	2	13	10	0	1	11	100%	87	90
3	Gloucester County College	3,023	0	38	58	4	100%	42	12	9	3	15	8	0	4	9	100%	84	81
4	Holyoke Community College	3,382	0	34	64	1	100%	42	14	7	2	15	8	0	0	13	100%	87	86
5	Jefferson State Community College	3,544	0	35	64	0	100%	36	10	8	2	17	8	0	4	17	100%	77	75
6	Kansas City Kansas Community College	2,959	0	19	80	1	100%	39	7	13	2	16	14	0	0	11	100%	89	93
7	Lorain County Community College	4,062	0	35	59	7	100%	35	8	6	0	12	9	0	18	12	100%	62	65
8	Middlesex Community College	3,746	0	31	66	3	100%	36	14	15	2	11	9	0	6	8	100%	82	75
9	Montgomery County Community College	4,719	0	39	61	1	100%	53	9	8	0	12	12	0	1	6	100%	93	90
10	Niagara County Community College	3,688	0	43	57	0	100%	41	7	8	3	9	20	0	1	14	100%	84	91
11	Orange County Community College	3,644	0	34	54	11	100%	49	10	5	2	16	10	0	0	10	100%	90	99
12	Parkland College	5,161	0	50	50	0	100%	42	6	8	2	20	8	0	6	9	100%	80	81
13	Pasco-Hernando Community College	2,851	0	24	75	1	100%	31	9	8	2	30	8	0	0	14	100%	86	94
14	Roane State Community College	3,734	0	29	70	1	100%	39	8	6	1	8	7	0	19	13	100%	62	73
15	Scottsdale Community College	5,052	0	29	69	2	100%	55	11	9	2	8	8	0	1	8	100%	90	90
16	Tacoma Community College	3,795	0	35	63	2	100%	43	11	6	3	12	8	0	0	19	100%	81	82
17	Volunteer State Community College	4,352	0	32	67	1	100%	51	13	7	5	11	6	0	0	12	100%	88	97
18	Walters State Community College	3,946	0	29	70	1	100%	41	7	5	2	7	9	0	20	12	100%	63	74

HIGH		5,161		50	92	11	-	55	14	15	5	30	20	0	20	19	-	93	99
AVERAGE	Excluding KAPI'OLANI CC	3,886		32	66	2	-	42	10	8	2	14	10	0	5	12	-	81	85
LOW		2,851		8	50	0	-	31	6	5	0	7	6	0	0	6	-	62	65

1/ Library is included in Academic Support.

Note: Data not available for Manchester Community College (formerly Manchester Community-Technical College to Manchester Community College) and Saint Louis Community College at Forest Park.

Source: Research Associates of Washington.

**Appendix C7
KAPI'OLANI COMMUNITY COLLEGE
PEER GROUP
FISCAL YEAR 1997-98**

STATE	CARNEGIE CLASSIFICATION	NAME	CITY	FICE CODE	ENROLLMENT		
					FTE Enroll	% Grad	
1	HI	Associate of Arts College	Kapi'olani Community College	Honolulu	1613	4,264	0
2	CA	Associate of Arts College	College of the Desert	Palm Desert	1182	4,407	0
3	NJ	Associate of Arts College	Gloucester County College	Sewell	6901	3023	0
4	MA	Associate of Arts College	Holyoke Community College	Holyoke	2170	3382	0
5	AL	Associate of Arts College	Jefferson State Community College	Birmingham	1022	3544	0
6	KS	Associate of Arts College	Kansas City Kansas Community College	Kansas City	1925	2959	0
7	OH	Associate of Arts College	Lorain County Community College	Elyria	3068	4062	0
8	CT	Associate of Arts College	Manchester Community Technical College 1 & 2/	Manchester	1392	Not Available	
9	MA	Associate of Arts College	Middlesex Community College	Bedford	9936	3746	0
10	PA	Associate of Arts College	Montgomery County Community College	Blue Bell	4452	4719	0
11	NY	Associate of Arts College	Niagara County Community College	Sanborn	2874	3688	0
12	NY	Associate of Arts College	Orange County Community College	Middletown	2876	3644	0
13	IL	Associate of Arts College	Parkland College	Champaign	7118	5161	0
14	FL	Associate of Arts College	Pasco-Hernando Community College	New Port Richey	10652	2851	0
15	TN	Associate of Arts College	Roane State Community College	Harriman	9914	3734	0
16	MO	Associate of Arts College	Saint Louis Community College at Forest Park 1/	Saint Louis	2471	Not Available	
17	AZ	Associate of Arts College	Scottsdale Community College	Scottsdale	8304	5052	0
18	WA	Associate of Arts College	Tacoma Community College	Tacoma	3796	3795	0
19	TN	Associate of Arts College	Volunteer State Community College	Gallatin	9912	4352	0
20	TN	Associate of Arts College	Walters State Community College	Morristown	8863	3946	0

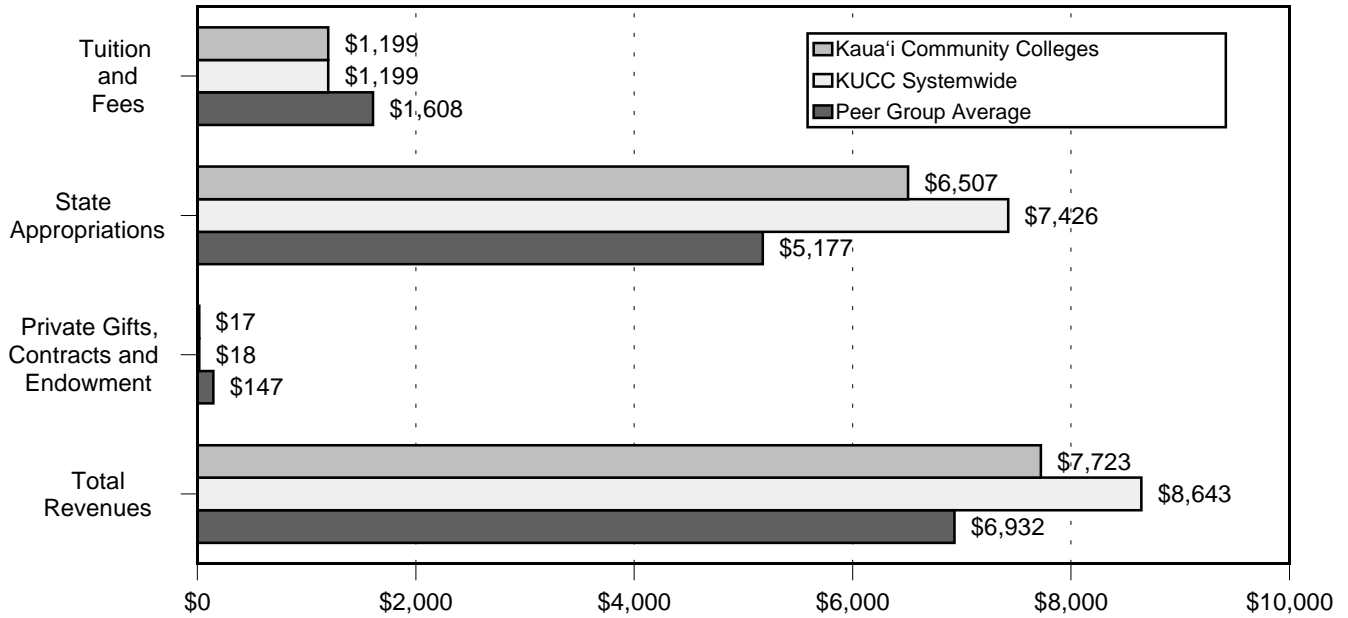
1/ Data not available for FY 1997-98, therefore, it is not listed in the peer group comparison tables.

2/ Formerly Manchester Community-Technical College.

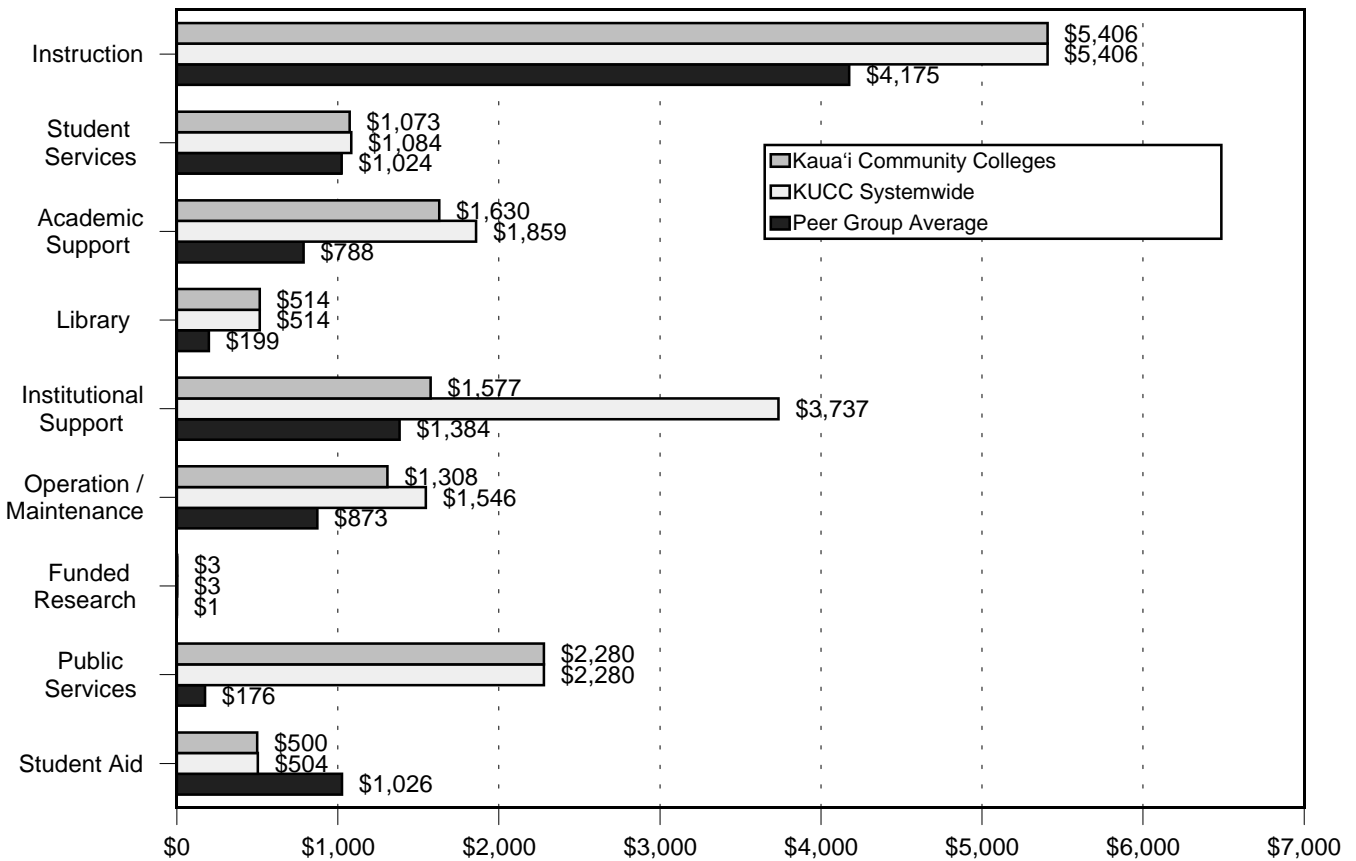
Source: Research Associates of Washington.

Kaua'i Community College Peer Group Comparisons, FY 1997-98

**Figure D1
Revenues per FTE Student**



**Figure D2
Expenditures per FTE Student**



Kaua'i Community College Peer Group Comparisons, FY 1997-98

Figure D3
Percent Distribution of Revenues Per FTE Student

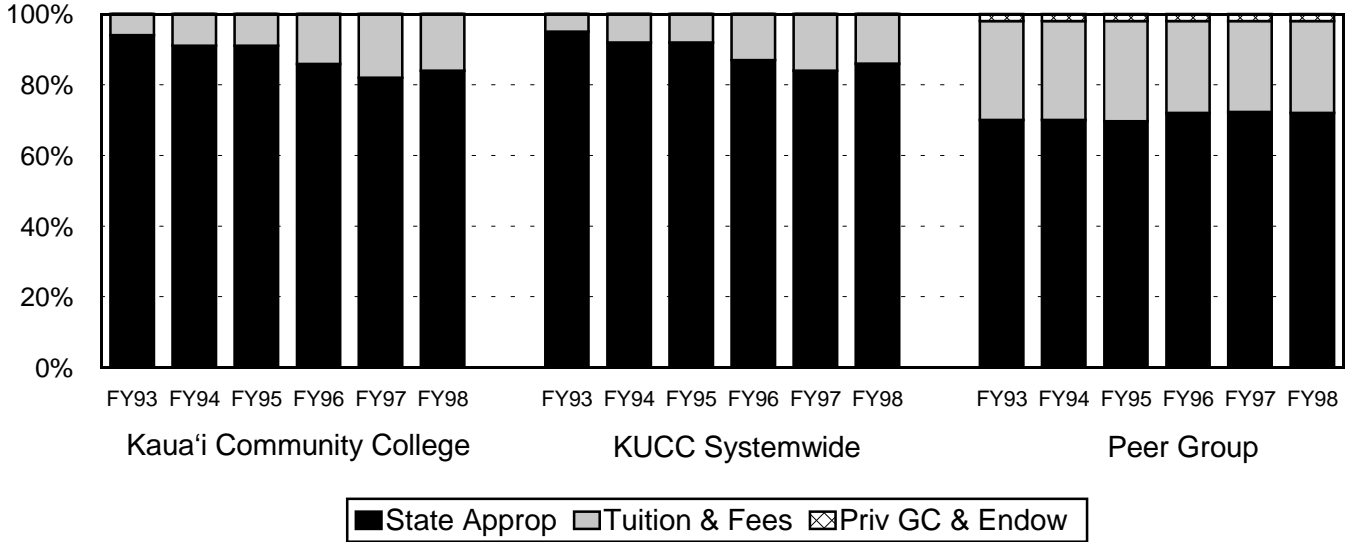
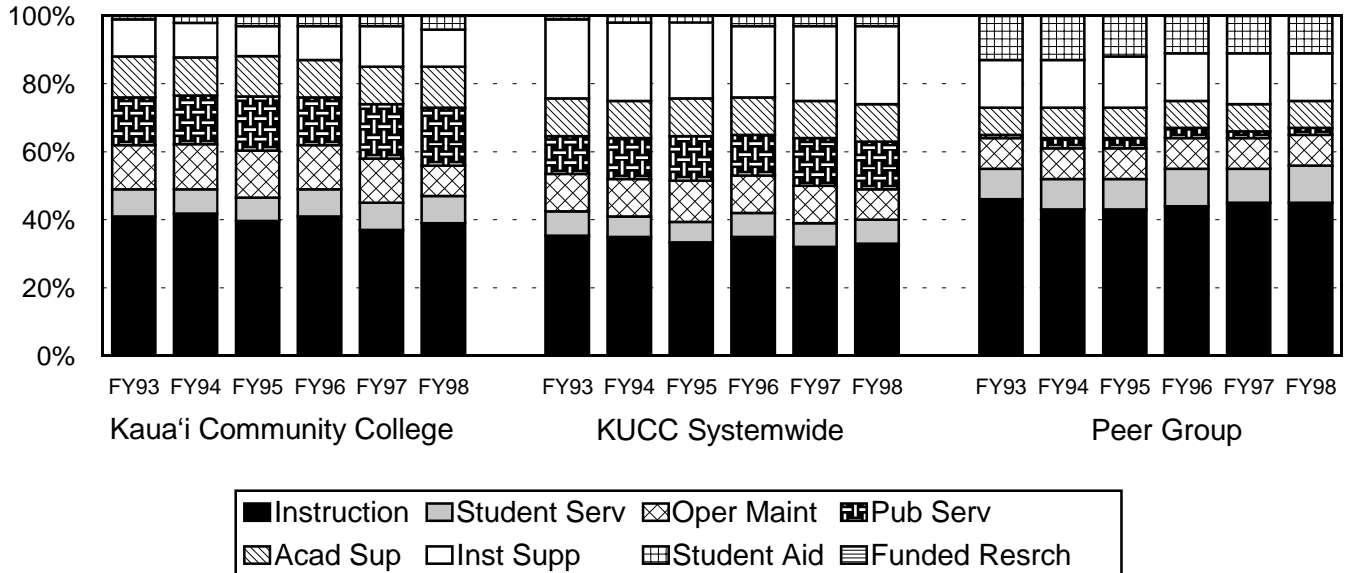


Figure D4
Percent Distribution of Expenditures Per FTE Student



Kaua'i Community College Peer Group Comparisons Fiscal Years 1992-93 to 1997-98

Figure D5
Kaua'i Community College

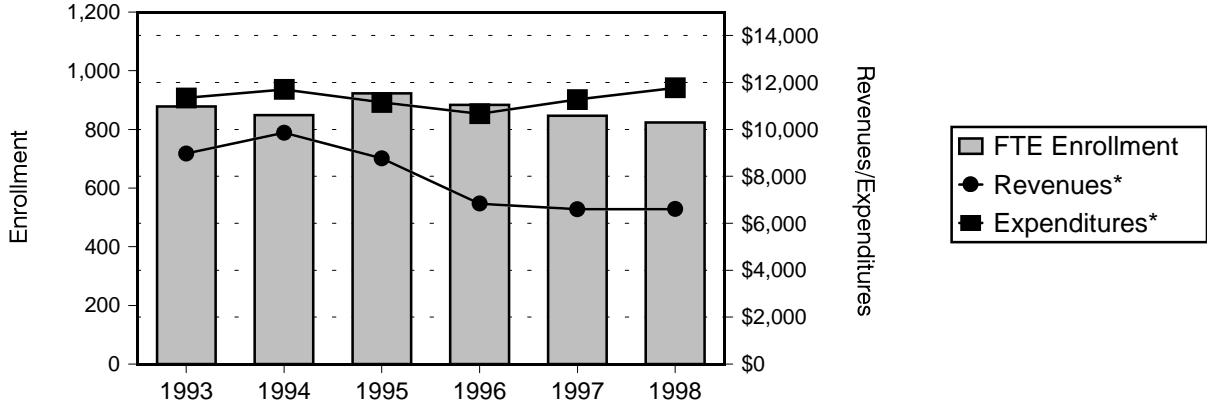


Figure D6
KUCC Systemwide

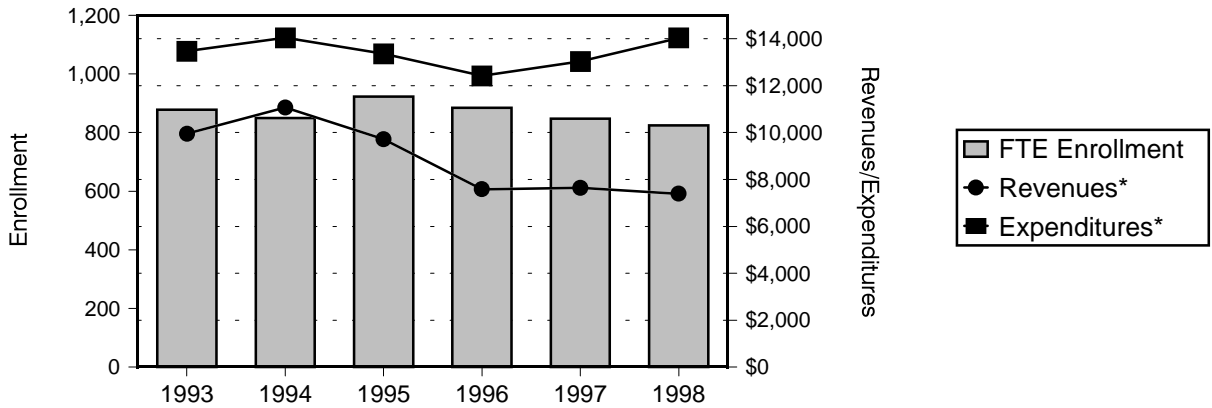
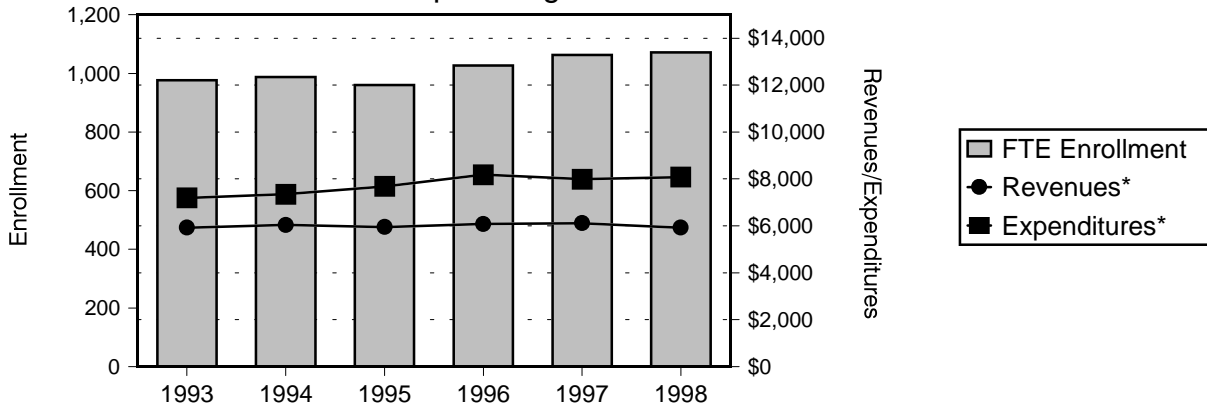


Figure D7
Peer Group Average



* Total revenues per FTE student and total expenditures per FTE student in constant FY93 dollars.

**Appendix D1
KAUA'I COMMUNITY COLLEGE
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
CURRENT DOLLARS**

Year	FTE ENROLLMENT			REVENUES PER FTE STUDENT					EXPENDITURES PER FTE STUDENT											
	Number	% Chnge	% Grads	Tuition 1/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 1/	% Chnge	Instruc- tion	Student Ser	Acad Sup 2/	Library 2/	Inst Supprt	Oper Maint	FULL INSTR 3/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP	% Chnge
Kaua'i CC																				
1992-93	878		0	513	8,458	3	8,974		4,682	958	1,318	272	1,215	1,428	9,129	42	1,533	165	11,341	
1993-94	849	-3.3	0	924	9,258	12	10,194	13.6	4,992	900	1,376	45	1,185	1,621	9,540	42	1,742	244	12,102	6.7
1994-95	923	8.7	0	812	8,510	17	9,339	-8.4	4,715	860	1,416	60	1,025	1,688	9,150	0	1,848	325	11,877	-1.9
1995-96	884	-4.2	0	1,066	6,399	33	7,498	-19.7	4,768	990	1,336	314	1,172	1,471	9,259	0	1,593	368	11,698	-1.5
1996-97	847	-4.2	0	1,333	6,095	28	7,456	-0.6	4,754	971	1,434	356	1,511	1,612	9,658	4	2,077	375	12,738	8.9
1997-98	824	-2.7	0	1,199	6,507	17	7,723	3.6	5,406	1,073	1,630	514	1,577	1,308	9,817	3	2,280	500	13,777	8.2
% Change FY 93 to 98		-6.2						-13.9												21.5
Kaua'i CC (Including Systemwide)																				
1992-93	878		0	513	9,433	3	9,949		4,717	966	1,465	272	3,114	1,463	11,253	42	1,533	165	13,465	
1993-94	849	-3.3	0	924	10,507	12	11,443	15.0	5,023	914	1,551	45	3,341	1,661	11,955	42	1,742	244	14,518	7.8
1994-95	923	8.7	0	812	9,524	17	10,353	-9.5	4,715	867	1,590	60	3,176	1,709	11,503	0	1,848	325	14,230	-2.0
1995-96	884	-4.2	0	1,066	7,219	33	8,318	-19.7	4,768	1,004	1,560	314	2,836	1,474	11,157	0	1,617	368	13,627	-4.2
1996-97	847	-4.2	0	1,333	7,071	29	8,433	1.4	4,777	982	1,665	356	3,224	1,617	11,641	4	2,077	375	14,721	8.0
1997-98	824	-2.7	0	1,199	7,426	18	8,643	2.5	5,406	1,084	1,859	514	3,737	1,546	11,773	3	2,280	504	16,419	11.5
% Change FY 93 to 98		-6.2						-13.1												21.9
Peer Group Average																				
1992-93	977		0	1,585	4,245	97	5,926		3,272	637	600	171	1,009	636	6,125	0	96	943	7,193	
1993-94	988	1.1	0	1,645	4,463	136	6,243	5.4	3,308	708	681	174	1,106	686	6,435	0	177	931	7,596	5.6
1994-95	960	-2.8	0	1,708	4,490	140	6,338	1.5	3,500	748	804	193	1,264	745	7,003	0	193	931	8,186	7.8
1995-96	1,027	7.0	0	1,602	4,952	116	6,669	5.2	3,885	1,000	783	194	1,308	814	7,721	1	228	960	8,979	9.7
1996-97	1,063	3.5	0	1,611	5,185	107	6,904	3.5	3,990	880	781	205	1,337	853	7,790	7	161	1,024	9,032	0.6
1997-98	1,072	0.9	0	1,608	5,177	147	6,932	0.4	4,175	1,024	788	199	1,384	873	8,161	1	176	1,026	9,447	4.6
% Change FY 93 to 98		9.7						17.0												31.3

1/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

2/ Library is included in Academic Support.

3/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

Appendix D2
KAUA'I COMMUNITY COLLEGE
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
CONSTANT DOLLARS 1/

Year	FTE ENROLLMENT			REVENUES PER FTE STUDENT					EXPENDITURES PER FTE STUDENT 2/											
	Number	% Chnge	% Grads	Tuition 2/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 2/	% Chnge	Instruc- tion	Student Ser	Acad Sup 3/	Library 3/	Inst Supprt	Oper Maint	FULL INSTR 4/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP	% Chnge
Kaua'i CC																				
1992-93	878		0	513	8,458	3	8,974		4,682	958	1,318	272	1,215	1,428	9,129	42	1,533	165	11,341	
1993-94	849	-3.3	0	894	8,954	12	9,859	9.9	4,828	870	1,331	44	1,146	1,568	9,226	41	1,685	236	11,704	3.2
1994-95	923	8.7	0	762	7,991	16	8,769	-11.1	4,427	808	1,330	56	962	1,585	8,592	0	1,735	305	11,152	-4.7
1995-96	884	-4.2	0	972	5,833	30	6,835	-22.1	4,346	902	1,218	286	1,068	1,341	8,440	0	1,452	335	10,664	-4.4
1996-97	847	-4.2	0	1,180	5,394	25	6,598	-3.5	4,207	859	1,269	315	1,337	1,427	8,547	4	1,838	332	11,273	5.7
1997-98	824	-2.7	0	1,025	5,562	15	6,601	0.1	4,620	917	1,393	439	1,348	1,118	8,390	3	1,949	428	11,775	4.5
% Change FY 93 to 98		-6.2						-26.4												3.8
Kaua'i CC (Including Systemwide)																				
1992-93	878		0	513	9,433	3	9,949		4,717	966	1,465	272	3,114	1,463	11,253	42	1,533	165	13,465	
1993-94	849	-3.3	0	894	10,162	12	11,067	11.2	4,858	884	1,500	44	3,231	1,606	11,562	41	1,685	236	14,041	4.3
1994-95	923	8.7	0	762	8,943	16	9,721	-12.2	4,427	814	1,493	56	2,982	1,605	10,801	0	1,735	305	13,362	-4.8
1995-96	884	-4.2	0	972	6,581	30	7,582	-22.0	4,346	915	1,422	286	2,585	1,344	10,170	0	1,474	335	12,422	-7.0
1996-97	847	-4.2	0	1,180	6,258	26	7,463	-1.6	4,227	869	1,473	315	2,853	1,431	10,302	4	1,838	332	13,027	4.9
1997-98	824	-2.7	0	1,025	6,347	15	7,387	-1.0	4,621	926	1,589	439	3,194	1,321	10,063	3	1,949	431	14,033	7.7
% Change FY 93 to 98		-6.2						-25.7												4.2
Peer Group Average																				
1992-93	977		0	1,585	4,245	97	5,926		3,272	637	600	171	1,009	636	6,125	0	96	943	7,193	
1993-94	988	1.1	0	1,591	4,316	132	6,038	1.9	3,199	685	659	168	1,070	663	6,223	0	171	900	7,346	2.1
1994-95	960	-2.8	0	1,604	4,216	131	5,951	-1.4	3,286	702	755	181	1,187	700	6,576	0	181	874	7,686	4.6
1995-96	1,027	7.0	0	1,460	4,514	106	6,079	2.2	3,541	912	714	177	1,192	742	7,038	1	208	875	8,185	6.5
1996-97	1,063	3.5	0	1,426	4,588	95	6,110	0.5	3,531	779	691	181	1,183	755	6,894	6	142	906	7,993	-2.4
1997-98	1,072	0.9	0	1,374	4,425	126	5,925	-3.0	3,568	875	674	170	1,183	746	6,975	1	150	877	8,074	1.0
% Change FY 93 to 98		9.7						0.0												12.3

1/ Constant dollars based on inflation measured by the Higher Education Price Index (HEPI). FY 1992-93 = 100.

2/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

3/ Library is included in Academic Support.

4/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

**Appendix D3
KAUA'I COMMUNITY COLLEGE
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
PERCENT DISTRIBUTION**

Year	FTE ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT										
	Number	% Grads	Tuition 1/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 1/	Instruc- tion	Student Ser	Acad Sup 2/	Library 2/	Inst Supprt	Oper Maint	FULL INSTR 3/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP
Kaua'i CC																	
1992-93	878	0	6	94	0	100%	41	8	12	2	11	13	80	0	14	1	100%
1993-94	849	0	9	91	0	100%	41	7	11	0	10	13	79	0	14	2	100%
1994-95	923	0	9	91	0	100%	40	7	12	1	9	14	77	0	16	3	100%
1995-96	884	0	14	85	0	100%	41	8	11	3	10	13	79	0	14	3	100%
1996-97	847	0	18	82	0	100%	37	8	11	3	12	13	76	0	16	3	100%
1997-98	824	0	16	84	0	100%	39	8	12	4	11	9	71	0	17	4	100%
Kaua'i CC (Including Systemwide)																	
1992-93	878	0	5	95	0	100%	35	7	11	2	23	11	84	0	11	1	100%
1993-94	849	0	8	92	0	100%	35	6	11	0	23	11	82	0	12	2	100%
1994-95	923	0	8	92	0	100%	33	6	11	0	22	12	81	0	13	2	100%
1995-96	884	0	13	87	0	100%	35	7	11	2	21	11	82	0	12	3	100%
1996-97	847	0	16	84	0	100%	32	7	11	2	22	11	79	0	14	3	100%
1997-98	824	0	14	86	0	100%	33	7	11	3	23	9	72	0	14	3	100%
Peer Group Average																	
1992-93	977	0	28	70	2	100%	46	9	8	3	14	9	85	0	1	13	100%
1993-94	988	0	28	70	2	100%	43	9	9	2	14	9	84	0	3	13	100%
1994-95	960	0	28	69	2	100%	43	9	9	2	15	9	85	0	3	12	100%
1995-96	1,027	0	26	72	2	100%	44	11	8	2	14	9	86	0	3	11	100%
1996-97	1,063	0	26	73	2	101%	45	10	8	2	15	9	86	0	2	11	100%
1997-98	1,072	0	26	72	2	100%	45	11	8	2	14	9	86	0	2	11	100%

1/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

2/ Library is included in Academic Support.

3/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

Appendix D4
KAUA'I COMMUNITY COLLEGE RANKINGS
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98

Year	Number of Schools in Group 1/	ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT										
		% FTE	% Grads	Tuition 2/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 2/	Instruc- tion	Student Ser	Acad Sup 3/	Library 3/	Inst Supprt	Oper Maint	FULL INSTR 4/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP
Kaua'i CC Ranking in PEER GROUP																		
1992-93	11	6	NA	11	1	8	1	1	3	1	3	3	1	1	1	1	10	1
1993-94	11	7	NA	10	1	9	1	2	3	1	11	6	1	1	1	1	10	1
1994-95	11	5	NA	11	1	9	1	2	4	3	11	8	1	3	NA	1	10	1
1995-96	16	10	NA	10	4	11	4	2	7	2	1	9	1	2	3	1	14	1
1996-97	17	13	NA	8	8	15	5	3	7	3	2	8	1	2	5	1	16	1
1997-98	17	15	NA	11	6	15	6	3	6	2	1	6	1	4	2	1	15	1
(Including Systemwide)																		
1992-93	11	6	NA	11	1	8	1	1	3	1	3	1	1	1	1	1	10	1
1993-94	11	7	NA	10	1	9	1	1	3	1	11	1	1	1	1	1	10	1
1994-95	11	5	NA	11	1	9	1	2	4	2	11	1	1	1	NA	1	10	1
1995-96	16	10	NA	10	2	11	3	2	7	2	1	1	1	1	3	1	14	1
1996-97	17	13	NA	8	5	15	4	3	7	2	2	1	1	1	5	1	16	1
1997-98	17	15	NA	11	4	15	4	3	6	2	1	1	1	1	2	1	15	1

NA means not applicable.

1/ Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY95-96 data are compared against the new peer group.

For FY92-93 to FY94-95, there were 11 institutions in Kaua'i CC's peer group and beginning in FY95-96, there were 17 institutions. Data was not available for some institutions.

2/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

3/ Library is included in Academic Support.

4/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

**Appendix D5
KAUA'I COMMUNITY COLLEGE
PEER GROUP COMPARISONS, PER FTE STUDENT
FISCAL YEAR 1997-98**

	INSTITUTION	ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT										FULL INSTR EXPEND PER FTE STUDENT				
		FTE	% Grad	Tuition & Fees	Priv Approp	GC Endow	TOTAL REV	Instruc- tion	Student Svc	Acad Sup 1/	Library 1/	Inst'l Supprt	Oper Maint	Funded Rsch	Public Svc	Student Aid	TOTAL EXP	Estm Instr	Full HEWI	Adjusted Full Instr	Norm	Devia- tion
1	Kaua'i Community College	824	0	1,199	6,507	17	7,723	5,406	1,073	1,630	514	1,577	1,308	3	2,280	500	13,777	9,817	103	9,531	9,500	0%
	Kaua'i CC (including systemwide)	824	0	1,199	7,426	18	8,643	5,406	1,084	1,859	514	3,737	1,546	3	2,280	504	16,419	11,773	103	11,431	NA	NA
2	Alpena Community College	1,172	0	2,407	5,194	101	7,702	3,862	2,775	859	217	1,253	798	0	338	0	9,885	9,405	87	10,811	8,700	24%
3	Beaufort County Community College	826	0	851	8,218	62	9,131	5,103	1,010	1,096	228	1,612	1,013	0	6	1,081	10,921	9,830	88	11,170	9,500	18%
4	College of the Albemarle	1,250	0	1,044	7,156	269	8,470	4,644	719	148	136	1,298	739	0	0	1,023	8,571	7,548	83	9,094	8,300	10%
5	Dabney S. Lancaster Community College	836	0	1,659	4,124	52	5,835	3,572	595	602	316	1,437	700	0	60	1,090	8,055	6,867	80	8,583	9,500	-10%
6	Glen Oaks Community College	865	0	1,742	2,604	151	4,498	3,241	1,766	769	176	1,454	799	0	0	1,143	9,172	8,029	90	8,921	9,500	-6%
7	Kent State University Tuscarawas Campus	1,000	0	3,835	2,934	26	6,795	3,266	334	647	203	640	610	13	275	138	5,922	5,356	89	6,018	8,700	-31%
8	Kirtland Community College	792	0	2,205	3,551	137	5,893	4,500	1,499	2,252	348	1,775	1,128	0	336	1,335	12,825	10,881	80	13,601	9,500	43%
9	Mitchell Community College	926	0	1,009	8,312	549	9,871	4,684	583	1,180	229	1,793	1,049	2	17	810	10,119	9,275	98	9,464	9,500	0%
10	North Arkansas College 2/	1,412	0	1,209	4,415	550	6,175	3,491	903	886	217	957	568	0	1	1,406	8,212	6,804	86	7,912	8,300	-5%
11	Northern New Mexico Community College	1,202	0	768	5,233	91	6,092	3,401	1,228	589	28	1,048	1,064	0	677	1,950	9,957	6,986	80	8,732	8,700	0%
12	Northern Wyoming Community College District	1,615	0	1,255	4,838	84	6,177	3,554	637	549	191	948	730	0	49	820	7,286	6,392	86	7,433	7,900	-6%
13	Salem Community College	688	0	2,518	4,983	21	7,523	3,769	1,370	823	223	1,525	1,059	0	8	1,466	10,018	8,540	98	8,714	10,700	-19%
14	Shawnee Community College	1,259	0	970	857	0	1,827	2,946	715	286	190	697	578	0	1,041	1,070	7,334	4,876	81	6,020	8,300	-27%
15	Southwestern Community College	857	0	2,292	5,392	0	7,683	6,829	766	145	22	2,451	1,116	0	0	1,013	12,320	11,307	85	13,302	9,500	40%
16	Western Nebraska Community College	1,207	0	1,227	6,976	180	8,383	4,149	916	1,602	272	1,871	864	0	0	1,248	10,652	9,404	89	10,566	8,700	21%
17	Wilkes Community College	1,247	0	737	8,045	84	8,866	5,791	568	179	179	1,386	1,156	0	4	817	9,901	9,079	90	10,088	8,700	16%

HIGH		1,615	0	3,835	8,312	550	9,871	6,829	2,775	2,252	348	2,451	1,156	13	1,041	1,950	12,825	11,307	98	13,601	10,700	43%
AVERAGE	Excluding KAUAI CC	1,072	0	1,608	5,177	147	6,932	4,175	1,024	788	199	1,384	873	1	176	1,026	9,447	8,161	87	9,402	9,000	4%
LOW		688	0	737	857	0	1,827	2,946	334	145	22	640	568	0	0	0	5,922	4,876	80	6,018	7,900	-31%
% DIFF	KAUAI CC	-23%		-25%	26%	-88%	11%	29%	5%	107%	158%	14%	50%	217%	1196%	-51%	46%	20%	18%	1%	6%	-
FROM																						
AVERAGE	with SYSTEMWIDE	-23%		-25%	43%	-88%	25%	29%	6%	136%	158%	170%	77%	200%	1195%	-51%	74%	44%	18%	22%	-	-
RANK	KAUAI CC	15	-	11	6	15	6	3	6	2	1	6	1	2	1	15	1	4	1	7	2	9
	with SYSTEMWIDE	15	-	11	4	15	4	3	6	2	1	1	1	2	1	15	1	1	1	3	-	-

NA means not available.

1/ Library is included in Academic Support.

2/ Formerly North Arkansas Community College.

Source: Research Associates of Washington.

**Appendix D6
KAUA'I COMMUNITY COLLEGE
PEER GROUP COMPARISONS, PER FTE STUDENT
FISCAL YEAR 1997-98
PERCENT DISTRIBUTION**

	INSTITUTION	ENROLLMENT		REVENUES PER FTE STUDENT			EXPENDITURES PER FTE STUDENT										FULL INSTR EXPEND PER FTE STUDENT		
		FTE	% Grad	Tuition & Fees	Priv Approp	GC Endow	TOTAL REV	Instruc- tion	Student Svc	Acad Sup 1/	Libray 1/	Inst'l Supprt	Oper Maint	Funded Rsch	Public Svc	Student Aid	TOTAL EXP	Estm Instr	Full Adjusted Full Instr
	Kaua'i Community College	824	0	16	84	0	100%	39	8	12	4	11	9	0	17	4	100%	71	69
1	Kaua'i CC (including systemwide)	824	0	14	86	0	100%	33	7	11	3	23	9	0	14	3	100%	72	70
2	Alpena Community College	1,172	0	31	67	1	100%	39	28	9	2	13	8	0	3	0	100%	95	109
3	Beaufort County Community College	826	0	9	90	1	100%	47	9	10	2	15	9	0	0	10	100%	90	102
4	College of the Albemarle	1,250	0	12	84	3	100%	54	8	2	2	15	9	0	0	12	100%	88	NA
5	Dabney S. Lancaster Community College	836	0	28	71	1	100%	44	7	7	4	18	9	0	1	14	100%	85	NA
6	Glen Oaks Community College	865	0	39	58	3	100%	35	19	8	2	16	9	0	0	12	100%	88	97
7	Kent State University Tuscarawas Campus	1,000	0	56	43	0	100%	55	6	11	3	11	10	0	5	2	100%	90	102
8	Kirtland Community College	792	0	37	60	2	100%	35	12	18	3	14	9	0	3	10	100%	85	106
9	Mitchell Community College	926	0	10	84	6	100%	46	6	12	2	18	10	0	0	8	100%	92	94
10	North Arkansas College 2/	1,412	0	20	71	9	100%	43	11	11	3	12	7	0	0	17	100%	83	96
11	Northern New Mexico Community College	1,202	0	13	86	1	100%	34	12	6	0	11	11	0	7	20	100%	70	88
12	Northern Wyoming Community College District	1,615	0	20	78	1	100%	49	9	8	3	13	10	0	1	11	100%	88	102
13	Salem Community College	688	0	33	66	0	100%	38	14	8	2	15	11	0	0	15	100%	85	87
14	Shawnee Community College	1,259	0	53	47	0	100%	40	10	4	3	10	8	0	14	15	100%	66	NA
15	Southwestern Community College	857	0	30	70	0	100%	55	6	1	0	20	9	0	0	8	100%	92	NA
16	Western Nebraska Community College	1,207	0	15	83	2	100%	39	9	15	3	18	8	0	0	12	100%	88	99
17	Wilkes Community College	1,247	0	8	91	1	100%	58	6	2	2	14	12	0	0	8	100%	92	102

HIGH	1,615	56	91	9	-	58	28	18	4	20	12	0	14	20	-	95	109
AVERAGE Excluding KAUA'I CC	1,072	26	72	2	-	45	11	8	2	14	9	0	2	11	-	86	99
LOW	688	8	43	0	-	34	6	1	0	10	7	0	0	0	-	66	87

NA means not available.

1/ Library is included in Academic Support.

2/ Formerly North Arkansas Community College.

Source: Research Associates of Washington.

**Appendix D7
KAUA'I COMMUNITY COLLEGE
PEER GROUP
FISCAL YEAR 1997-98**

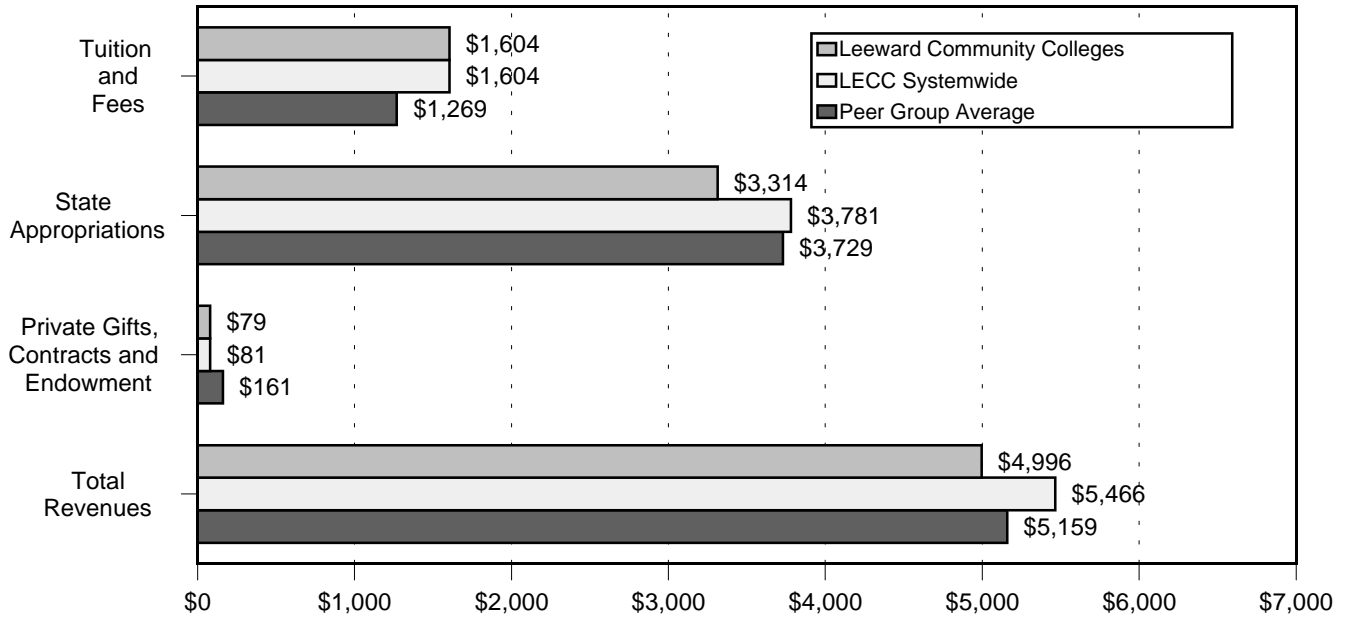
	STATE	CARNEGIE CLASSIFICATION	NAME	CITY	FICE CODE	ENROLLMENT	
						FTE Enroll	% Grad
1	HI	Associate of Arts College	Kaua'i Community College	Lihue	1614	824	0
2	MI	Associate of Arts College	Alpena Community College	Alpena	2237	1,172	0
3	NC	Associate of Arts College	Beaufort County Community College	Washington	8558	826	0
4	NC	Associate of Arts College	College of the Albemarle	Elizabeth City	2917	1,250	0
5	VA	Associate of Arts College	Dabney S. Lancaster Community College	Clifton Forge	4996	836	0
6	MI	Associate of Arts College	Glen Oaks Community College	Centreville	2263	865	0
7	OH	Associate of Arts College	Kent State University Tuscarawas Campus	New Philadelphia	3062	1,000	0
8	MI	Associate of Arts College	Kirtland Community College	Roscommon	7171	792	0
9	NC	Associate of Arts College	Mitchell Community College	Statesville	2947	926	0
10	AR	Associate of Arts College	North Arkansas College 1/	Harrison	12261	1,412	0
11	NM	Associate of Arts College	Northern New Mexico Community College	Espanola	20839	1,202	0
12	WY	Associate of Arts College	Northern Wyoming Community College District	Sheridan	3930	1,615	0
13	NJ	Associate of Arts College	Salem Community College	Carneys Point	5461	688	0
14	IL	Associate of Arts College	Shawnee Community College	Ullin	7693	1,259	0
15	IA	Associate of Arts College	Southwestern Community College	Creston	1857	857	0
16	NE	Associate of Arts College	Western Nebraska Community College	Scottsbluff	2560	1,207	0
17	NC	Associate of Arts College	Wilkes Community College	Wilkesboro	2983	1,247	0

1/ Formerly North Arkansas Community College.

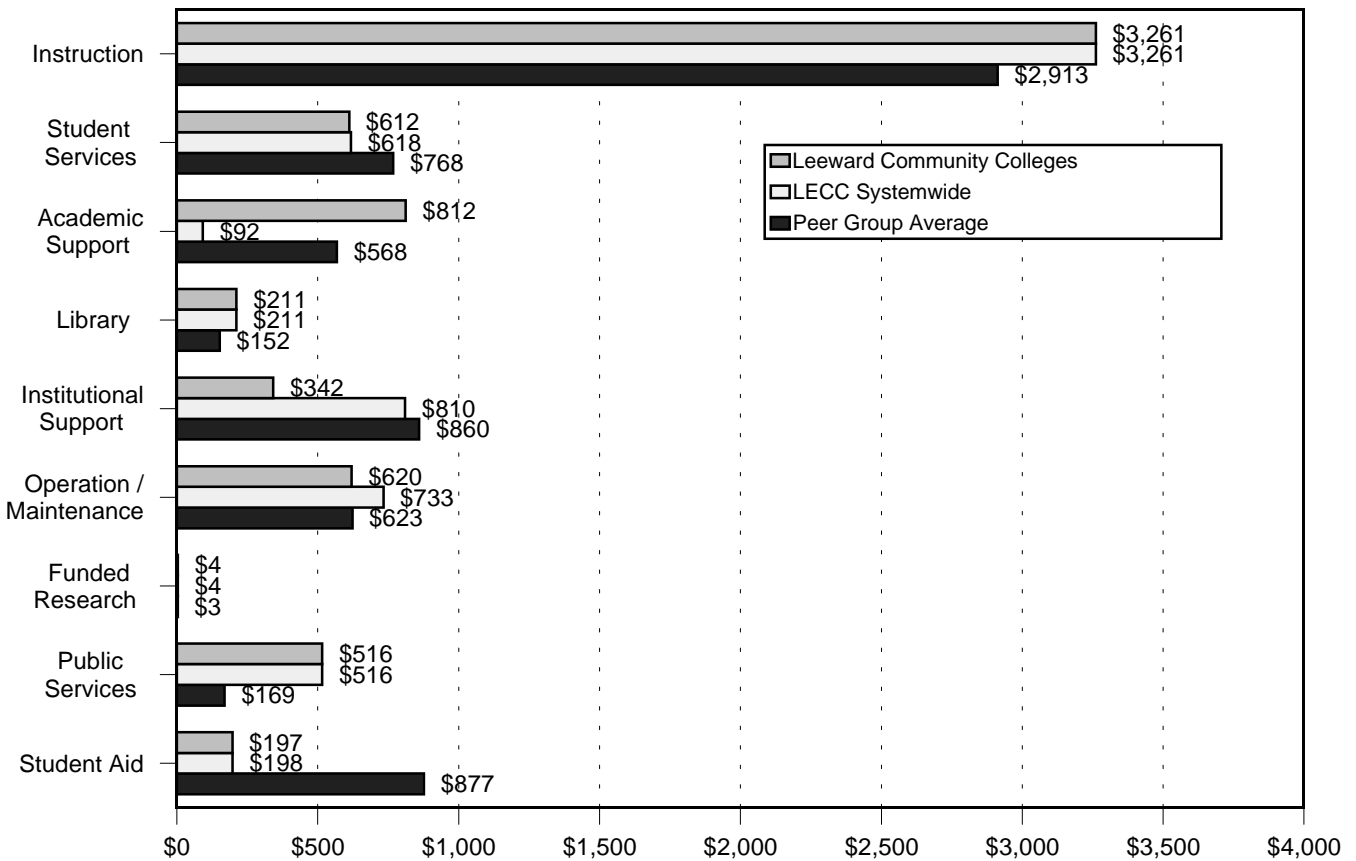
Source: Research Associates of Washington.

Leeward Community College Peer Group Comparisons, FY 1997-98

**Figure E1
Revenues per FTE Student**

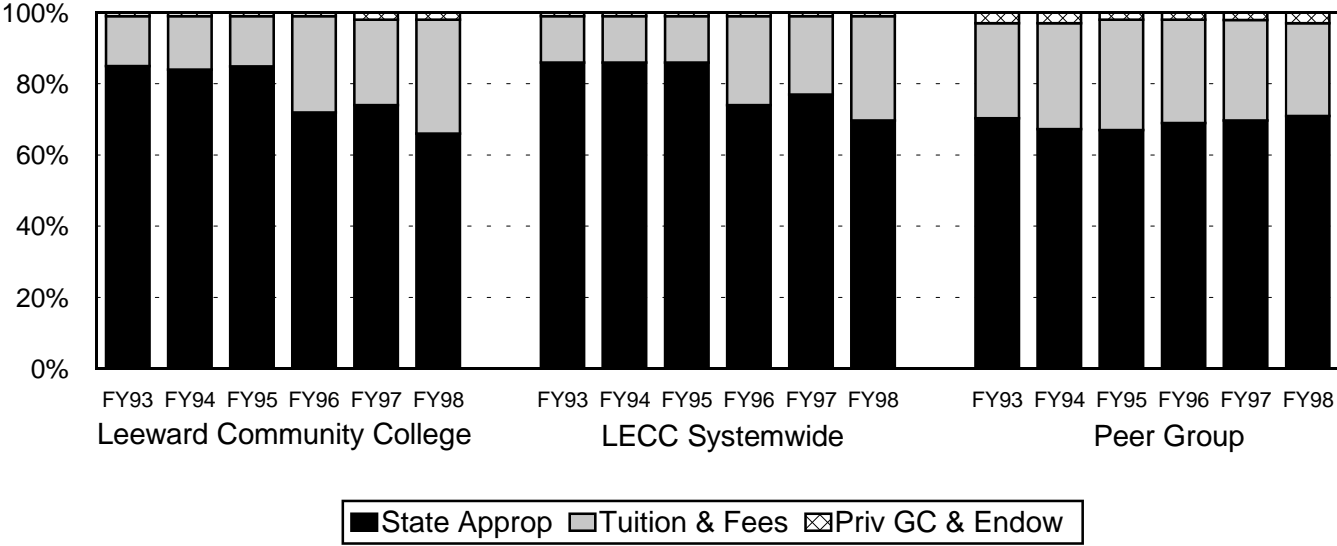


**Figure E2
Expenditures per FTE Student**



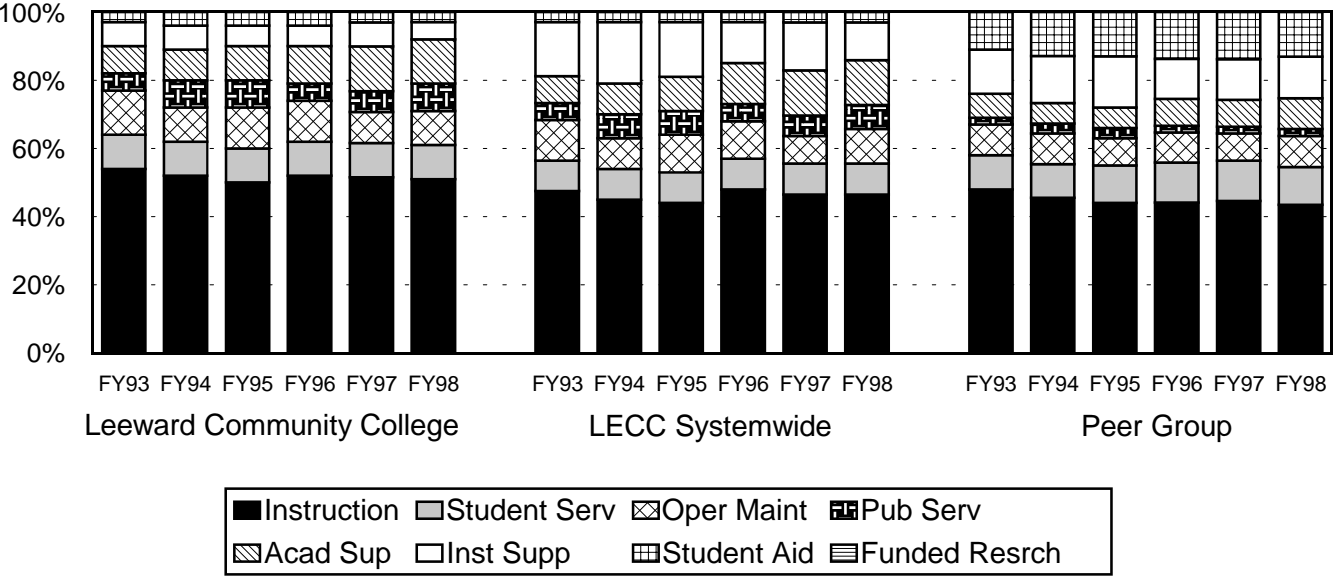
Leeward Community College Peer Group Comparisons, FY 1997-98

Figure E3
Percent Distribution of Revenues Per FTE Student



State Approp
 Tuition & Fees
 Priv GC & Endow

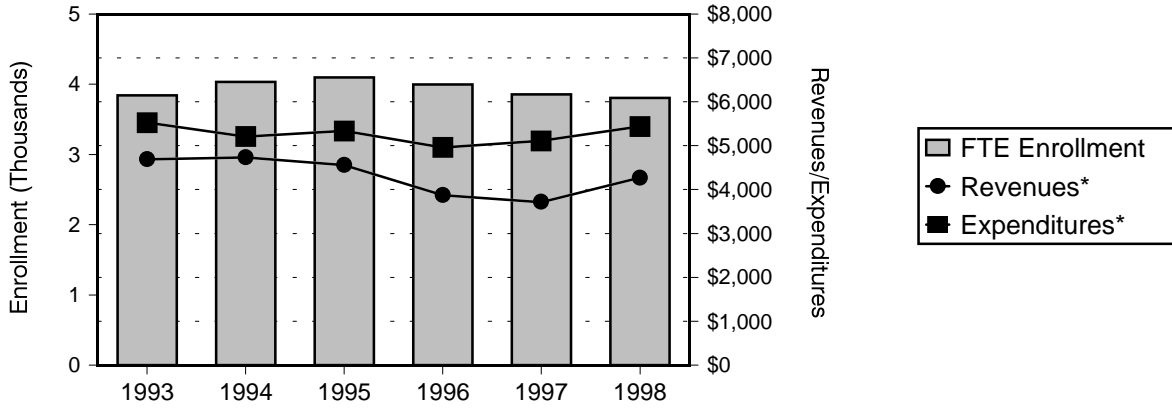
Figure E4
Percent Distribution of Expenditures Per FTE Student



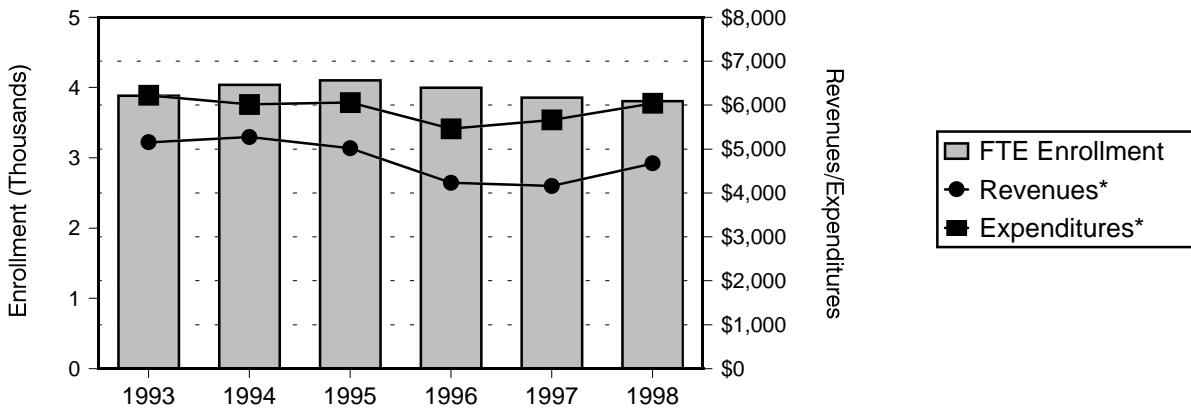
Instruction
 Student Serv
 Oper Maint
 Pub Serv
 Acad Sup
 Inst Supp
 Student Aid
 Funded Resrch

Leeward Community College Peer Group Comparisons Fiscal Years 1992-93 to 1997-98

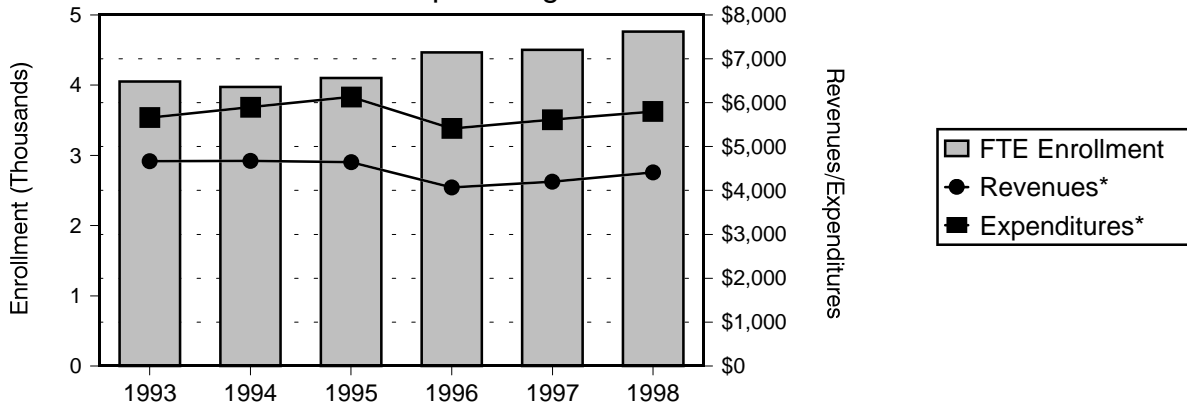
**Figure E5
Leeward Community College**



**Figure E6
LECC Systemwide**



**Figure E7
Peer Group Average**



* Total revenues per FTE student and total expenditures per FTE student in constant FY93 dollars.

**Appendix E1
LEEWARD COMMUNITY COLLEGE
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
CURRENT DOLLARS**

Year	FTE ENROLLMENT			REVENUES PER FTE STUDENT					EXPENDITURES PER FTE STUDENT											
	Number	% Chnge	% Grads	Tuition 1/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 1/	% Chnge	Instruc- tion	Student Ser	Acad Sup 2/	Library 2/	Inst Supprt	Oper Maint	FULL INSTR 3/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP	% Chnge
Leeward CC																				
1992-93	3,844		0	676	3,967	49	4,692		2,960	545	431	131	387	723	4,957	0	298	180	5,524	
1993-94	4,036	5.0	0	730	4,128	39	4,897	4.4	2,776	535	501	16	401	557	4,646	0	418	199	5,387	-2.5
1994-95	4,100	1.6	0	701	4,096	58	4,855	-0.9	2,851	570	583	17	326	703	4,904	0	430	221	5,684	5.5
1995-96	3,997	-2.5	0	1,141	3,057	53	4,251	-12.4	2,851	541	622	125	306	644	4,882	0	275	201	5,440	-4.3
1996-97	3,857	-3.5	0	1,014	3,117	67	4,198	-1.3	2,960	591	731	141	425	532	5,129	2	366	169	5,776	6.2
1997-98	3,807	-1.3	0	1,604	3,314	79	4,996	19.0	3,261	612	812	211	342	620	5,437	4	516	197	6,364	10.2
% Change FY 93 to 98		-1.0						6.5												15.2
Leeward CC (Including Systemwide)																				
1992-93	3,884		0	676	4,424	52	5,152		2,982	549	479	131	992	740	5,653	0	298	180	6,220	
1993-94	4,036	3.9	0	730	4,685	39	5,454	5.9	2,793	544	564	16	1,131	570	5,477	0	418	199	6,219	0.0
1994-95	4,100	1.6	0	701	4,584	58	5,343	-2.0	2,851	575	655	17	1,009	712	5,673	0	430	221	6,453	3.8
1995-96	3,997	-2.5	0	1,141	3,449	53	4,643	-13.1	2,851	548	726	125	740	645	5,426	0	279	201	5,990	-7.2
1996-97	3,857	-3.5	0	1,014	3,616	69	4,699	1.2	2,974	597	849	141	906	534	5,750	2	366	169	6,397	6.8
1997-98	3,807	-1.3	0	1,604	3,781	81	5,466	16.3	3,261	618	926	211	810	733	6,056	4	516	198	7,066	10.5
% Change FY 93 to 98		-2.0						6.1												13.6
Peer Group Average																				
1992-93	4,052		0	1,170	3,350	143	4,663		2,726	562	368	98	743	512	4,873	1	127	620	5,660	
1993-94	3,973	-2.0	0	1,421	3,279	130	4,830	3.6	2,791	586	371	123	865	512	5,069	0	185	785	6,095	7.7
1994-95	4,102	3.3	0	1,515	3,322	109	4,946	2.4	2,869	690	409	112	1,013	542	5,472	0	174	831	6,529	7.1
1995-96	4,464	8.8	0	1,240	3,121	100	4,460	-9.8	2,632	691	462	142	729	507	4,988	0	111	804	5,937	-9.1
1996-97	4,499	0.8	0	1,290	3,337	116	4,742	6.3	2,781	731	480	124	805	521	5,277	0	130	892	6,339	6.8
1997-98	4,762	5.9	0	1,269	3,729	161	5,159	8.8	2,913	768	568	152	860	623	5,616	3	169	877	6,781	7.0
% Change FY 93 to 98		17.5						10.6												19.8

1/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

2/ Library is included in Academic Support.

3/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

**Appendix E2
LEeward COMMUNITY COLLEGE
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
CONSTANT DOLLARS 1/**

Year	FTE ENROLLMENT			REVENUES PER FTE STUDENT					EXPENDITURES PER FTE STUDENT 2/											
	Number	% Chnge	% Grads	Tuition 2/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 2/	% Chnge	Instruc- tion	Student Ser	Acad Sup 3/	Library 3/	Inst Supprt	Oper Maint	FULL INSTR 4/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP	% Chnge
Leeward CC																				
1992-93	3,844		0	676	3,967	49	4,692		2,960	545	431	131	387	723	4,957	0	298	180	5,524	
1993-94	4,036	5.0	0	706	3,992	38	4,736	0.9	2,685	517	485	15	388	539	4,493	0	404	192	5,210	-5.7
1994-95	4,100	1.6	0	658	3,846	54	4,559	-3.7	2,677	535	547	16	306	660	4,605	0	404	208	5,337	2.4
1995-96	3,997	-2.5	0	1,040	2,787	48	3,875	-15.0	2,599	493	567	114	279	587	4,450	0	251	183	4,959	-7.1
1996-97	3,857	-3.5	0	897	2,758	59	3,715	-4.1	2,619	523	647	125	376	471	4,539	2	324	150	5,112	3.1
1997-98	3,807	-1.3	0	1,371	2,832	67	4,270	15.0	2,787	523	694	181	292	530	4,647	3	441	168	5,439	6.4
% Change FY 93 to 98		-1.0						-9.0												-1.5
Leeward CC (Including Systemwide)																				
1992-93	3,884		0	676	4,424	52	5,152		2,982	549	479	131	992	740	5,653	0	298	180	6,220	
1993-94	4,036	3.9	0	706	4,531	38	5,275	2.4	2,701	526	545	15	1,094	551	5,297	0	404	192	6,015	-3.3
1994-95	4,100	1.6	0	658	4,304	54	5,017	-4.9	2,677	540	615	16	947	669	5,327	0	404	208	6,059	0.7
1995-96	3,997	-2.5	0	1,040	3,144	48	4,232	-15.6	2,599	500	662	114	675	588	4,946	0	254	183	5,460	-9.9
1996-97	3,857	-3.5	0	897	3,200	61	4,158	-1.8	2,632	528	751	125	802	473	5,088	2	324	150	5,661	3.7
1997-98	3,807	-1.3	0	1,371	3,232	69	4,672	12.4	2,787	528	791	180	692	626	5,176	3	441	169	6,039	6.7
% Change FY 93 to 98		-2.0						-9.3												-2.9
Peer Group Average																				
1992-93	4,052		0	1,170	3,350	143	4,663		2,726	562	368	98	743	512	4,873	1	127	620	5,660	
1993-94	3,973	-2.0	0	1,374	3,171	126	4,671	0.2	2,699	567	359	119	837	495	4,902	0	179	759	5,895	4.1
1994-95	4,102	3.3	0	1,423	3,119	102	4,644	-0.6	2,694	648	384	105	951	509	5,138	0	163	780	6,131	4.0
1995-96	4,464	8.8	0	1,130	2,845	91	4,066	-12.5	2,399	630	421	129	665	462	4,547	0	101	733	5,412	-11.7
1996-97	4,499	0.8	0	1,142	2,953	103	4,196	3.2	2,461	647	425	110	712	461	4,670	0	115	789	5,610	3.7
1997-98	4,762	5.9	0	1,085	3,187	138	4,409	5.1	2,490	656	485	130	735	532	4,800	3	144	750	5,796	3.3
% Change FY 93 to 98		17.5						-5.4												2.4

1/ Constant dollars based on inflation measured by the Higher Education Price Index (HEPI). FY 1992-93 = 100.

2/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

3/ Library is included in Academic Support.

4/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

**Appendix E3
LEeward COMMUNITY COLLEGE
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
PERCENT DISTRIBUTION**

Year	FTE ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT										
	Number	% Grads	Tuition 1/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 1/	Instruc- tion	Student Ser	Acad Sup 2/	Library 2/	Inst Supprt	Oper Maint	FULL INSTR 3/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP
Leeward CC																	
1992-93	3,844	0	14	85	1	100%	54	10	8	2	7	13	90	0	5	3	100%
1993-94	4,036	0	15	84	1	100%	52	10	9	0	7	10	86	0	8	4	100%
1994-95	4,100	0	14	84	1	100%	50	10	10	0	6	12	86	0	8	4	100%
1995-96	3,997	0	27	72	1	100%	52	10	11	2	6	12	90	0	5	4	100%
1996-97	3,857	0	24	74	2	100%	51	10	13	2	7	9	89	0	6	3	100%
1997-98	3,807	0	32	66	2	100%	51	10	13	3	5	10	85	0	8	3	100%
Leeward CC (Including Systemwide)																	
1992-93	3,884	0	13	86	1	100%	48	9	8	2	16	12	91	0	5	3	100%
1993-94	4,036	0	13	86	1	100%	45	9	9	0	18	9	88	0	7	3	100%
1994-95	4,100	0	13	86	1	100%	44	9	10	0	16	11	88	0	7	3	100%
1995-96	3,997	0	25	74	1	100%	48	9	12	2	12	11	91	0	5	3	100%
1996-97	3,857	0	22	77	1	100%	46	9	13	2	14	8	90	0	6	3	100%
1997-98	3,807	0	29	69	1	100%	46	9	13	3	11	10	86	0	7	3	100%
Peer Group Average																	
1992-93	4,052	0	27	71	3	100%	48	10	7	2	13	9	86	0	2	11	100%
1993-94	3,973	0	30	68	3	100%	46	10	6	2	14	9	83	0	3	13	100%
1994-95	4,102	0	31	67	2	100%	44	11	6	2	15	8	84	0	3	13	100%
1995-96	4,464	0	29	69	2	100%	45	12	8	3	12	9	84	0	2	14	100%
1996-97	4,499	0	28	69	2	100%	45	12	8	2	12	8	84	0	2	14	100%
1997-98	4,762	0	26	71	3	100%	43	11	9	2	12	9	83	0	2	13	100%

1/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

2/ Library is included in Academic Support.

3/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

**Appendix E4
LEEWARD COMMUNITY COLLEGE RANKINGS
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98**

Year	Number of Schools in Group 1/	ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT											
		FTE	% Grads	Tuition 2/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 2/	Instruc- tion	Student Ser	Acad Sup 3/	Library 3/	Inst Supprt	Oper Maint	FULL INSTR 4/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP	
Leeward CC Ranking in PEER GROUP																			
1992-93	11	8	NA	9	3	6	5	5	6	4	4	10	2	5	2	3	10	7	
1993-94	10	6	NA	9	3	6	5	4	6	3	9	10	3	7	NA	3	10	8	
1994-95	11	6	NA	9	2	5	6	4	8	3	9	10	2	8	NA	3	10	10	
1995-96	15	9	NA	11	10	6	11	7	12	3	8	14	3	7	2	3	15	10	
1996-97	15	10	NA	11	11	8	11	5	10	3	6	13	8	8	2	2	15	10	
1997-98	15	11	NA	6	10	7	11	5	10	3	3	14	5	8	2	2	15	9	
(Including Systemwide)																			
1992-93	11	8	NA	9	3	6	4	5	4	4	4	3	2	3	2	3	10	3	
1993-94	10	6	NA	9	1	6	2	4	6	3	9	4	2	3	NA	3	10	4	
1994-95	10	6	NA	9	2	5	2	4	8	3	9	4	2	4	NA	3	10	5	
1995-96	15	9	NA	11	7	6	9	7	12	3	8	7	3	4	2	3	15	8	
1996-97	15	10	NA	11	5	8	10	5	10	2	6	5	4	6	2	2	15	8	
1997-98	15	11	NA	6	7	7	6	5	10	3	3	7	4	6	2	2	15	6	

NA means not applicable.

1/ Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY95-96 data are compared against the new peer group.

For FY92-93 to FY94-95, there were 12 institutions in Leeward CC's peer group and beginning in FY95-96, there were 18 institutions. Data was not available for some institutions.

2/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

3/ Library is included in Academic Support.

4/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

**Appendix E5
LEEWARD COMMUNITY COLLEGE
PEER GROUP COMPARISONS, PER FTE STUDENT
FISCAL YEAR 1997-98**

	INSTITUTION	ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT										FULL INSTR EXPEND PER FTE STUDENT				
		FTE	% Grad	Tuition & Fees	Priv Approp	GC Endow	TOTAL REV	Instruc- tion	Student Svc	Acad Sup 1/	Library 1/	Inst'l Supprt	Oper Maint	Funded Rsch	Public Svc	Student Aid	TOTAL EXP	Estm Instr	Full HEWI Instr	Adjusted Full Instr	Norm	Devia- tion
1	Leeward Community College	3,807	0	1,604	3,314	79	4,996	3,261	612	812	211	342	620	4	516	197	6,364	5,437	104	5,228	6,900	-24%
	Leeward CC (including systemwide)	3,807	0	1,604	3,781	81	5,466	3,261	618	926	211	810	733	4	516	198	7,066	6,056	104	5,823	NA	NA
2	Black Hawk College	4,091	0	2,037	1,223	0	3,260	3,131	738	990	120	1,572	645	0	1,020	1,461	9,556	6,406	95	6,743	6,800	-1%
3	Brookhaven College	3,981	0	1,650	3,868	0	5,518	3,292	591	433	232	629	517	0	209	386	6,056	5,380	104	5,174	6,900	-25%
4	Columbia Basin College	3,623	0	1,345	3,582	182	5,110	3,360	854	242	164	878	539	0	0	943	6,815	5,872	84	6,991	6,900	1%
5	Cuesta College	5,105	0	652	4,570	189	5,411	2,475	740	451	115	1,040	485	1	251	516	5,959	5,047	93	5,427	6,600	-18%
6	East Los Angeles College	8,453	0	368	5,254	0	5,622	2,537	1,195	434	104	1,408	807	0	103	790	7,274	6,310	101	6,248	6,435	-3%
7	Edmonds Community College	5,191	0	2,186	2,699	507	5,392	4,226	516	445	184	855	580	0	0	1,047	7,669	6,622	103	6,429	6,600	-3%
8	Green River Community College	4,835	0	2,093	3,328	545	5,965	3,895	563	469	176	780	465	0	0	527	6,699	6,173	107	5,769	6,700	-14%
9	Gulf Coast Community College	3,536	0	1,441	4,116	78	5,636	2,885	1,148	512	42	759	530	0	129	1,136	7,099	5,778	92	6,281	6,900	-9%
10	Hartnell College	3,551	0	495	5,851	60	6,406	2,587	1,015	663	112	1,316	1,537	0	365	723	8,206	6,794	95	7,152	6,900	4%
11	Highline Community College	5,050	0	1,757	3,185	322	5,263	3,020	561	360	165	639	537	0	24	1,305	6,445	5,107	107	4,773	6,600	-28%
12	Palo Alto College	3,913	0	1,413	3,217	36	4,666	2,694	688	606	259	239	575	0	5	1,476	6,281	4,799	97	4,948	6,900	-28%
13	Paradise Valley Community College	2,992	0	1,209	3,400	306	4,916	2,371	727	635	201	472	348	0	19	386	4,958	4,544	100	4,544	7,200	-37%
14	Reedley College 2/	4,167	0	498	3,171	0	3,669	2,195	813	752	110	778	2	0	1	1,234	5,775	4,539	95	4,778	6,800	-30%
15	Sierra College	8,177	0	624	4,742	29	5,395	2,116	604	963	148	675	1,154	44	241	351	6,148	5,247	97	5,409	6,435	-16%

HIGH		8,453	0	2,186	5,851	545	6,406	4,226	1,195	990	259	1,572	1,537	44	1,020	1,476	9,556	6,794	107	7,152	7,200	4%
AVERAGE	Excluding LEEWARD CC	4,762	0	1,269	3,729	161	5,159	2,913	768	568	152	860	623	3	169	877	6,781	5,616	98	5,762	6,762	-15%
LOW		2,992	0	368	1,223	0	3,260	2,116	516	242	42	239	2	0	0	351	4,958	4,539	84	4,544	6,435	-37%
% DIFF FROM	LEEWARD CC	-20%		26%	-11%	-51%	-3%	12%	-20%	43%	39%	-60%	0%	-	205%	-78%	-6%	-3%	6%	-9%	2%	-
AVERAGE	with SYSTEMWIDE	-20%		26%	1%	-50%	6%	12%	-20%	63%	39%	-6%	18%	-	205%	-77%	4%	8%	6%	1%	-	-
RANK	LEEWARD CC	11	-	6	10	7	11	5	10	3	3	14	5	2	2	15	9	8	3	10	2	10
	with SYSTEMWIDE	11	-	6	7	7	6	5	10	3	3	7	4	2	2	15	6	6	3	7	-	-

NA means not available.

1/ Library is included in Academic Support.

2/ Formerly King's River Community College.

Note: Data not available for Longview Community College, Pierce College District II and West Valley College.

Source: Research Associates of Washington.

**Appendix E6
LEeward COMMUNITY COLLEGE
PEER GROUP COMPARISONS, PER FTE STUDENT
FISCAL YEAR 1997-98
PERCENT DISTRIBUTION**

	INSTITUTION	ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT										FULL INSTR EXPEND PER FTE STUDENT	
		FTE	% Grad	Tuition & Fees	Priv GC Approp	Endow	TOTAL REV	Instruc- tion	Student Svc	Acad Sup 1/	Libray 1/	Inst'l Supprt	Oper Maint	Funded Rsch	Public Svc	Student Aid	TOTAL EXP	Estm Instr	Full Instr
1	Leeward Community College Leeward CC (including systemwide)	3,807	0	32	66	2	100%	51	10	13	3	5	10	0	8	3	100%	85	82
		3,807	0	29	69	1	100%	46	9	13	3	11	10	0	7	3	100%	86	82
2	Black Hawk College	4,091	0	62	38	0	100%	33	8	10	1	16	7	0	11	15	100%	67	71
3	Brookhaven College	3,981	0	30	70	0	100%	54	10	7	4	10	9	0	3	6	100%	89	85
4	Columbia Basin College	3,623	0	26	70	4	100%	49	13	4	2	13	8	0	0	14	100%	86	103
5	Cuesta College	5,105	0	12	84	3	100%	42	12	8	2	17	8	0	4	9	100%	85	91
6	East Los Angeles College	8,453	0	7	93	0	100%	35	16	6	1	19	11	0	1	11	100%	87	86
7	Edmonds Community College	5,191	0	41	50	9	100%	55	7	6	2	11	8	0	0	14	100%	86	84
8	Green River Community College	4,835	0	35	56	9	100%	58	8	7	3	12	7	0	0	8	100%	92	86
9	Gulf Coast Community College	3,536	0	26	73	1	100%	41	16	7	1	11	7	0	2	16	100%	81	88
10	Hartnell College	3,551	0	8	91	1	100%	32	12	8	1	16	19	0	4	9	100%	83	87
11	Highline Community College	5,050	0	33	61	6	100%	47	9	6	3	10	8	0	0	20	100%	79	74
12	Palo Alto College	3,913	0	30	69	1	100%	43	11	10	4	4	9	0	0	23	100%	76	79
13	Paradise Valley Community College	2,992	0	25	69	6	100%	48	15	13	4	10	7	0	0	8	100%	92	92
14	Reedley College 2/	4,167	0	14	86	0	100%	38	14	13	2	13	0	0	0	21	100%	79	83
15	Sierra College	8,177	0	12	88	1	100%	34	10	16	2	11	19	1	4	6	100%	85	88

HIGH	8,453	62	93	9	-	58	16	16	4	19	19	1	11	23	-	92	103
AVERAGE Excluding LEEWARD CC	4,762	26	71	3	-	43	11	9	2	12	9	0	2	13	-	83	85
LOW	2,992	7	38	0	-	32	7	4	1	4	0	0	0	6	-	67	71

1/ Library is included in Academic Support.

2/ Formerly King's River Community College.

Note: Data not available for Longview Community College, Pierce College District II and West Valley College.

Source: Research Associates of Washington.

**Appendix E7
LEEWARD COMMUNITY COLLEGE
PEER GROUP
FISCAL YEAR 1997-98**

	STATE	CARNEGIE CLASSIFICATION	NAME	CITY	FICE CODE	ENROLLMENT	
						FTE Enroll	% Grad
1	HI	Associate of Arts College	Leeward Community College	Pearl City	4549	3,807	0
2	IL	Associate of Arts College	Black Hawk College	Moline	1638	4,091	0
3	TX	Associate of Arts College	Brookhaven College	Farmers Branch	21002	3981	0
4	WA	Associate of Arts College	Columbia Basin College	Pasco	3774	3623	0
5	CA	Associate of Arts College	Cuesta College	San Luis Obispo	1192	5105	0
6	CA	Associate of Arts College	East Los Angeles College	Monterey Park	22260	8453	0
7	WA	Associate of Arts College	Edmonds Community College	Lynnwood	5001	5191	0
8	WA	Associate of Arts College	Green River Community College	Auburn	3780	4835	0
9	FL	Associate of Arts College	Gulf Coast Community College	Panama City	1490	3536	0
10	CA	Associate of Arts College	Hartnell College	Salinas	1209	3551	0
11	WA	Associate of Arts College	Highline Community College	Des Moines	3781	5050	0
12	MO	Associate of Arts College	Longview Community College 1/	Lee's Summit	9140	Not Available	
13	TX	Associate of Arts College	Palo Alto College	San Antonio	23413	3913	0
14	AZ	Associate of Arts College	Paradise Valley Community College	Phoenix	26236	2992	0
15	WA	Associate of Arts College	Pierce College District II 1/	Lakewood	5000	Not Available	
16	CA	Associate of Arts College	Reedley College 2/	Reedley	1308	4167	0
17	CA	Associate of Arts College	Sierra College	Rocklin	1290	8177	0
18	CA	Associate of Arts College	West Valley College 1/	Saratoga	1338	Not Available	

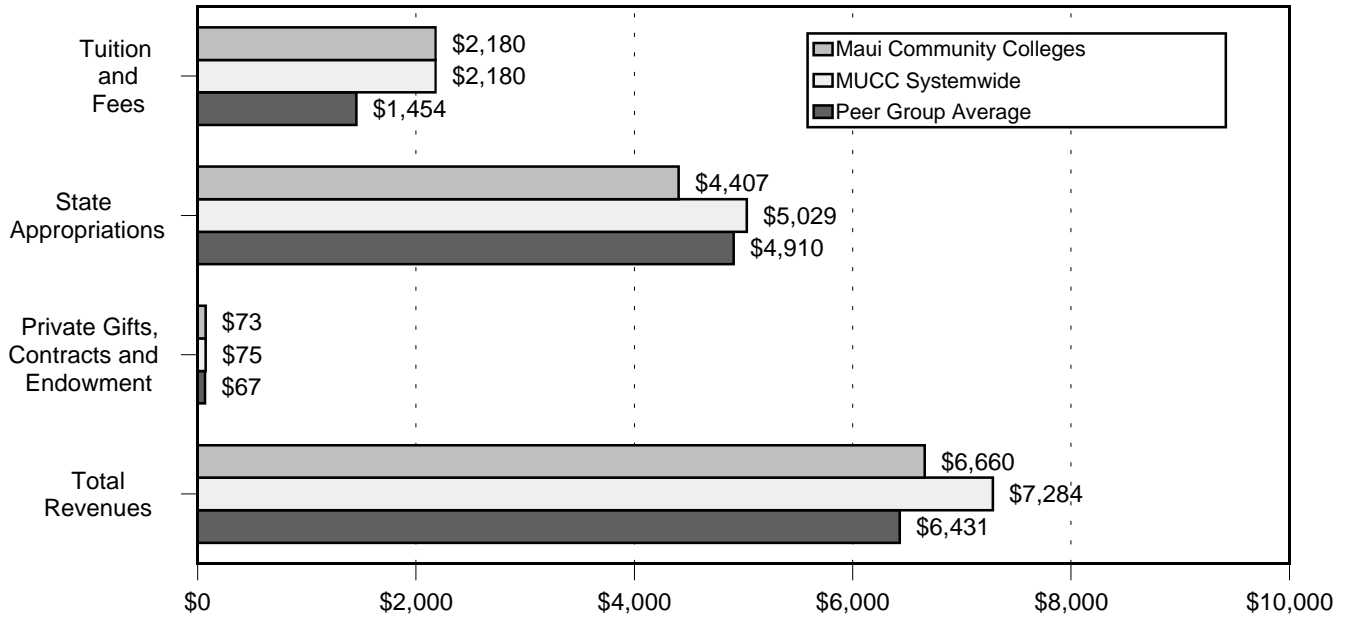
1/ Data not available for FY 1997-98, therefore, it is not listed in the peer group comparison tables.

2/ Formerly King's River Community College.

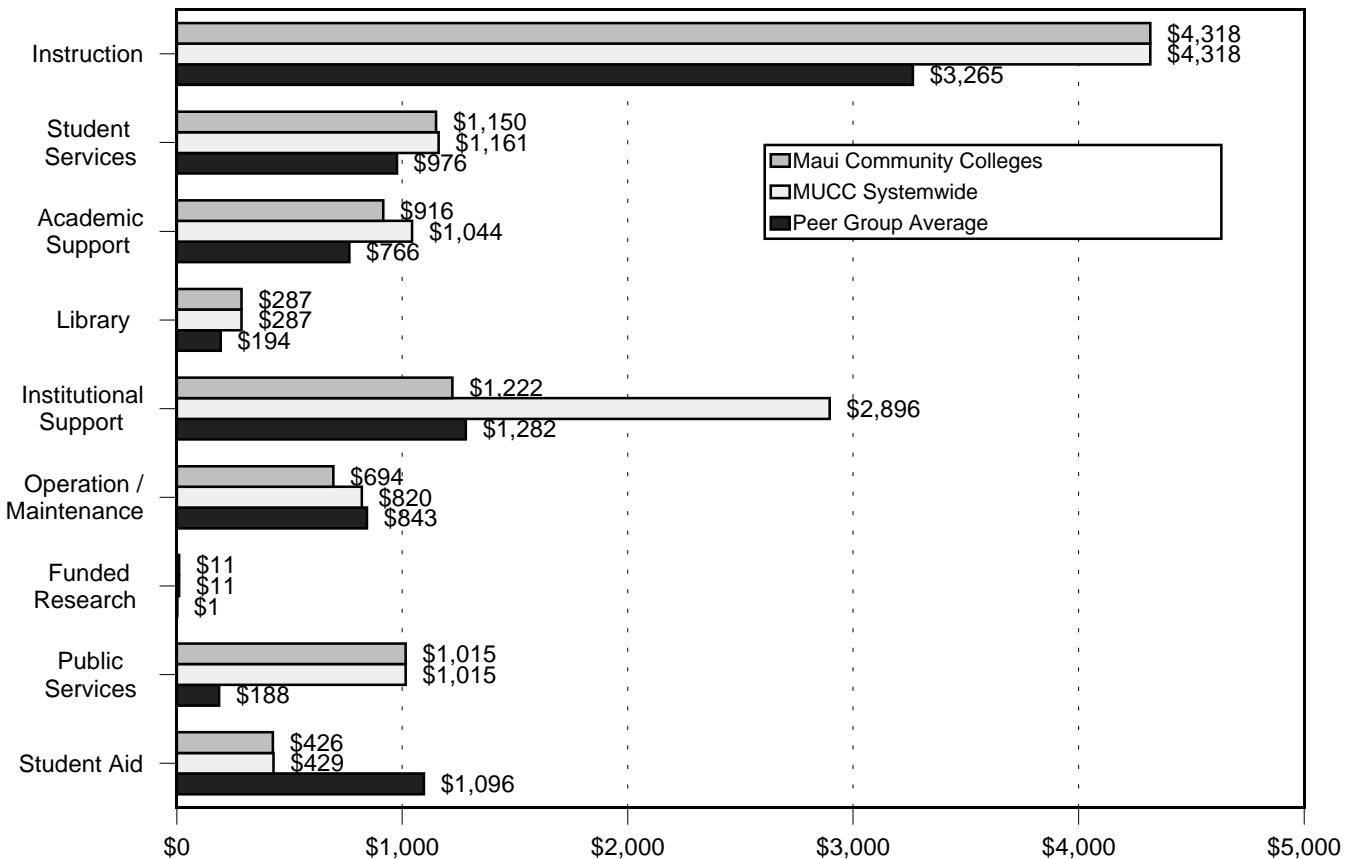
Source: Research Associates of Washington.

Maui Community College Peer Group Comparisons, FY 1997-98

**Figure F1
Revenues per FTE Student**



**Figure F2
Expenditures per FTE Student**



Maui Community College Peer Group Comparisons, FY 1997-98

Figure F3
Percent Distribution of Revenues Per FTE Student

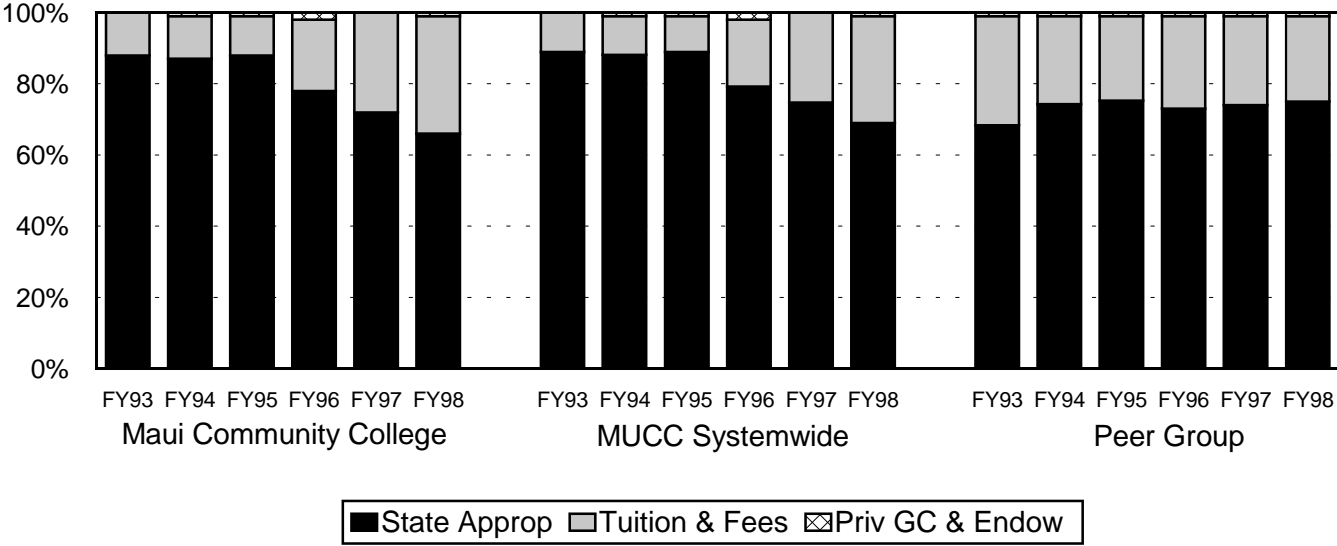
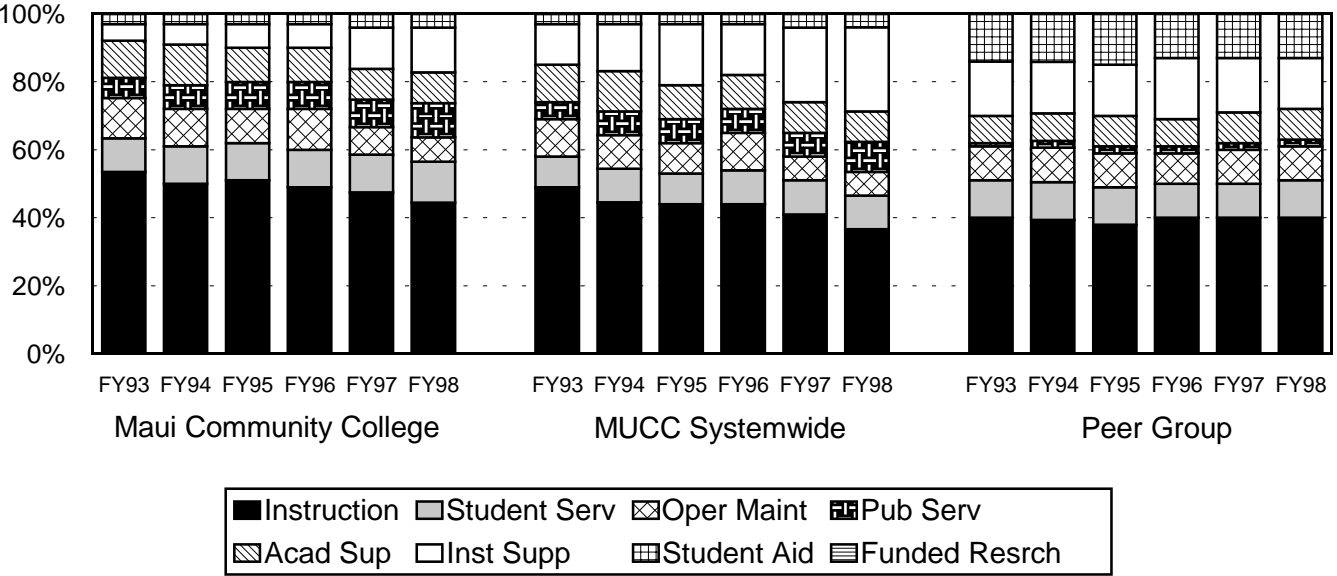
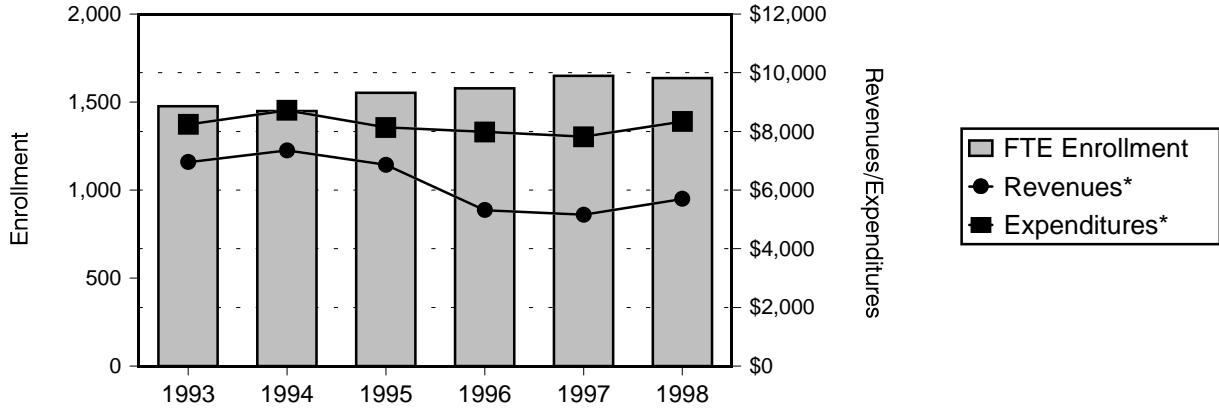


Figure F4
Percent Distribution of Expenditures Per FTE Student

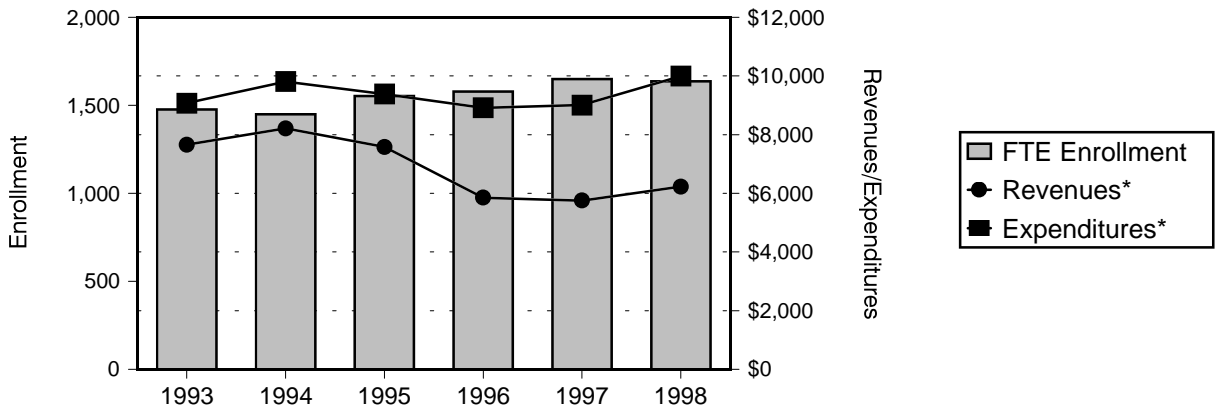


Maui Community College Peer Group Comparisons Fiscal Years 1992-93 to 1997-98

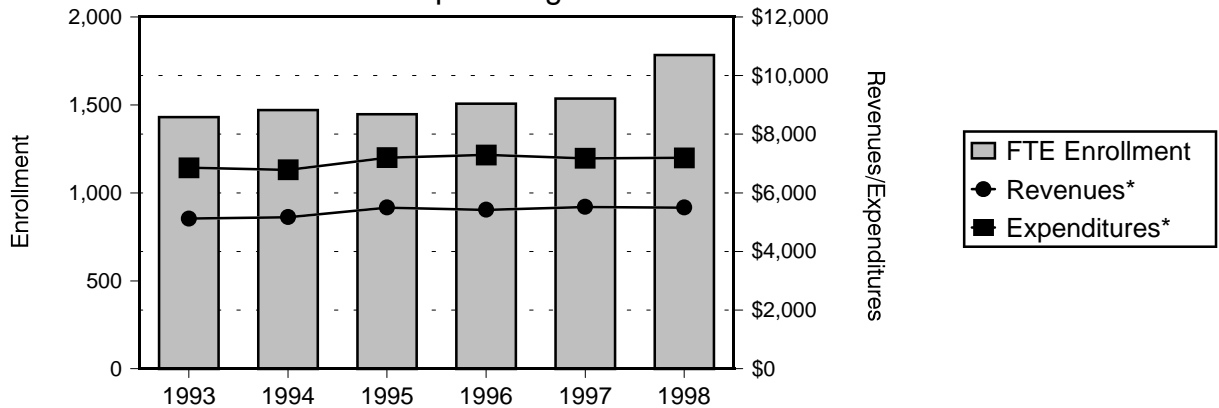
**Figure F5
Maui Community College**



**Figure F6
MUCC Systemwide**



**Figure F7
Peer Group Average**



* Total revenues per FTE student and total expenditures per FTE student in constant FY93 dollars.

**Appendix F1
MAUI COMMUNITY COLLEGE
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
CURRENT DOLLARS**

Year	FTE ENROLLMENT			REVENUES PER FTE STUDENT					EXPENDITURES PER FTE STUDENT											
	Number	% Chnge	% Grads	Tuition 1/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 1/	% Chnge	Instruc- tion	Student Ser	Acad Sup 2/	Library 2/	Inst Supprt	Oper Maint	FULL INSTR 3/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP	% Chnge
Maui CC																				
1992-93	1,476		0	835	6,114	3	6,952		4,436	836	873	211	431	957	7,390	0	478	227	8,238	
1993-94	1,450	-1.8	0	920	6,630	48	7,598	9.3	4,545	960	1,039	55	510	1,002	7,857	0	663	299	9,018	9.5
1994-95	1,553	7.1	0	781	6,459	69	7,309	-3.8	4,409	929	907	45	570	897	7,508	5	674	274	8,665	-3.9
1995-96	1,578	1.6	0	1,189	4,533	113	5,835	-20.2	4,321	952	860	229	602	1,039	7,567	10	680	292	8,756	1.1
1996-97	1,649	4.5	0	1,634	4,167	26	5,827	-0.1	4,192	995	788	221	1,042	690	7,482	11	739	379	8,836	0.9
1997-98	1,637	-0.7	0	2,180	4,407	73	6,660	14.3	4,318	1,150	916	287	1,222	694	7,852	11	1,015	426	9,751	10.4
% Change FY 93 to 98		10.9						-4.2												18.4
Maui CC (Including Systemwide)																				
1992-93	1,476		0	835	6,819	3	7,657		4,469	843	971	211	1,104	980	8,224	0	478	227	9,072	
1993-94	1,450	-1.8	0	920	7,524	49	8,493	10.9	4,573	975	1,171	55	1,437	1,027	8,984	0	663	299	10,145	11.8
1994-95	1,553	7.1	0	781	7,228	69	8,078	-4.9	4,409	937	1,018	45	1,766	908	8,834	5	674	274	9,991	-1.5
1995-96	1,578	1.6	0	1,189	5,114	114	6,417	-20.6	4,321	965	1,004	229	1,456	1,041	8,577	10	690	292	9,779	-2.1
1996-97	1,649	4.5	0	1,634	4,834	27	6,495	1.2	4,212	1,006	915	221	2,223	692	8,823	11	739	379	10,177	4.1
1997-98	1,637	-0.7	0	2,180	5,029	75	7,284	12.2	4,318	1,161	1,044	287	2,896	820	9,488	11	1,015	429	11,694	14.9
% Change FY 93 to 98		10.9						-4.9												28.9
Peer Group Average																				
1992-93	1,430		0	1,193	3,901	25	5,119		2,726	809	558	130	1,053	699	5,817	4	89	914	6,853	
1993-94	1,471	2.9	0	1,271	4,053	23	5,347	4.5	2,707	824	595	143	1,013	737	5,828	2	155	980	7,012	2.3
1994-95	1,446	-1.7	0	1,326	4,494	30	5,850	9.4	2,891	865	670	144	1,143	808	6,317	2	195	1,090	7,663	9.3
1995-96	1,507	4.2	0	1,455	4,419	67	5,941	1.6	3,112	863	635	159	1,414	776	6,743	2	183	1,011	7,996	4.4
1996-97	1,535	1.9	0	1,473	4,695	65	6,233	4.9	3,176	866	753	182	1,324	801	6,866	3	172	1,016	8,109	1.4
1997-98	1,783	16.2	0	1,454	4,910	67	6,431	3.2	3,265	976	766	194	1,282	843	7,013	1	188	1,096	8,416	3.8
% Change FY 93 to 98		24.7						25.6												22.8

1/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

2/ Library is included in Academic Support.

3/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

Appendix F2
MAUI COMMUNITY COLLEGE
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
CONSTANT DOLLARS 1/

Year	FTE ENROLLMENT			REVENUES PER FTE STUDENT					EXPENDITURES PER FTE STUDENT 2/											
	Number	% Chnge	% Grads	Tuition 2/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 2/	% Chnge	Instruc- tion	Student Ser	Acad Sup 3/	Library 3/	Inst Supprt	Oper Maint	FULL INSTR 4/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP	% Chnge
Maui CC																				
1992-93	1,476		0	835	6,114	3	6,952		4,436	836	873	211	431	957	7,390	0	478	227	8,238	
1993-94	1,450	-1.8	0	890	6,412	46	7,348	5.7	4,396	928	1,005	53	493	969	7,599	0	641	289	8,721	5.9
1994-95	1,553	7.1	0	733	6,065	65	6,863	-6.6	4,140	872	852	42	535	842	7,050	5	633	257	8,136	-6.7
1995-96	1,578	1.6	0	1,084	4,132	103	5,319	-22.5	3,939	868	784	209	549	947	6,898	9	620	266	7,982	-1.9
1996-97	1,649	4.5	0	1,446	3,688	23	5,157	-3.1	3,710	881	697	196	922	611	6,621	10	654	335	7,819	-2.0
1997-98	1,637	-0.7	0	1,864	3,767	63	5,693	10.4	3,691	983	783	246	1,045	593	6,711	9	867	364	8,334	6.6
% Change FY 93 to 98		10.9						-18.1												1.2
Maui CC (Including Systemwide)																				
1992-93	1,476		0	835	6,819	3	7,657		4,469	843	971	211	1,104	980	8,224	0	478	227	9,072	
1993-94	1,450	-1.8	0	890	7,277	47	8,214	7.3	4,423	943	1,132	53	1,390	993	8,689	0	641	289	9,811	8.2
1994-95	1,553	7.1	0	733	6,787	65	7,585	-7.7	4,140	880	956	42	1,658	853	8,295	5	633	257	9,381	-4.4
1995-96	1,578	1.6	0	1,084	4,662	104	5,850	-22.9	3,939	880	915	209	1,327	949	7,819	9	629	266	8,914	-5.0
1996-97	1,649	4.5	0	1,446	4,278	24	5,748	-1.7	3,727	890	810	196	1,967	612	7,808	10	654	335	9,006	1.0
1997-98	1,637	-0.7	0	1,863	4,298	64	6,226	8.3	3,691	992	892	245	2,475	701	8,110	9	868	367	9,995	11.0
% Change FY 93 to 98		10.9						-18.7												10.2
Peer Group Average																				
1992-93	1,430		0	1,193	3,901	25	5,119		2,726	809	558	130	1,053	699	5,817	4	89	914	6,853	
1993-94	1,471	2.9	0	1,229	3,920	22	5,171	1.0	2,618	797	575	138	980	713	5,636	2	150	948	6,781	-1.0
1994-95	1,446	-1.7	0	1,245	4,220	28	5,493	6.2	2,715	812	629	135	1,073	759	5,931	2	183	1,023	7,195	6.1
1995-96	1,507	4.2	0	1,326	4,028	61	5,416	-1.4	2,837	787	579	145	1,289	707	6,147	2	167	922	7,289	1.3
1996-97	1,535	1.9	0	1,304	4,155	58	5,516	1.9	2,811	766	666	161	1,172	709	6,076	3	152	899	7,176	-1.6
1997-98	1,783	16.2	0	1,243	4,197	57	5,497	-0.4	2,791	834	655	166	1,096	721	5,994	1	161	937	7,193	0.2
% Change FY 93 to 98		24.7						7.4												5.0

1/ Constant dollars based on inflation measured by the Higher Education Price Index (HEPI). FY 1992-93 = 100.

2/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

3/ Library is included in Academic Support.

4/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

**Appendix F3
MAUI COMMUNITY COLLEGE
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
PERCENT DISTRIBUTION**

Year	FTE ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT										
	Number	% Grads	Tuition 1/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 1/	Instruc- tion	Student Ser	Acad Sup 2/	Library 2/	Inst Supprt	Oper Maint	FULL INSTR 3/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP
Maui CC																	
1992-93	1,476	0	12	88	0	100%	54	10	11	3	5	12	90	0	6	3	100%
1993-94	1,450	0	12	87	1	100%	50	11	12	1	6	11	87	0	7	3	100%
1994-95	1,553	0	11	88	1	100%	51	11	10	1	7	10	87	0	8	3	100%
1995-96	1,578	0	20	78	2	100%	49	11	10	3	7	12	86	0	8	3	100%
1996-97	1,649	0	28	72	0	100%	47	11	9	3	12	8	85	0	8	4	100%
1997-98	1,637	0	33	66	1	100%	44	12	9	3	13	7	81	0	10	4	100%
Maui CC (Including Systemwide)																	
1992-93	1,476	0	11	89	0	100%	49	9	11	2	12	11	91	0	5	3	100%
1993-94	1,450	0	11	89	1	100%	45	10	12	1	14	10	89	0	7	3	100%
1994-95	1,553	0	10	89	1	100%	44	9	10	0	18	9	88	0	7	3	100%
1995-96	1,578	0	19	80	2	100%	44	10	10	2	15	11	88	0	7	3	100%
1996-97	1,649	0	25	74	0	100%	41	10	9	2	22	7	87	0	7	4	100%
1997-98	1,637	0	30	69	1	100%	37	10	9	2	25	7	81	0	9	4	100%
Peer Group Average																	
1992-93	1,430	0	31	69	1	100%	40	11	8	2	16	10	85	0	1	14	100%
1993-94	1,471	0	25	75	1	100%	39	11	8	2	15	10	83	0	2	14	100%
1994-95	1,446	0	24	76	1	100%	38	11	9	2	15	10	83	0	2	15	100%
1995-96	1,507	0	26	73	1	100%	40	10	8	2	18	9	84	0	2	13	100%
1996-97	1,535	0	25	74	1	100%	40	10	9	2	16	10	85	0	2	13	100%
1997-98	1,783	0	24	75	1	100%	40	11	9	2	15	10	83	0	2	13	100%

1/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

2/ Library is included in Academic Support.

3/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

**Appendix F4
MAUI COMMUNITY COLLEGE RANKINGS
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98**

Year	Number of Schools in Group 1/	ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT										
		%	Grads	Tuition 2/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 2/	Instruc- tion	Student Ser	Acad Sup 3/	Library 3/	Inst Supprt	Oper Maint	FULL NSTR 4/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP
Maui CC Ranking in PEER GROUP																		
1992-93	13	6	NA	10	2	9	3	1	4	3	3	13	4	3	2	1	13	5
1993-94	13	7	NA	10	1	2	1	1	4	3	13	13	4	3	NA	2	13	4
1994-95	13	5	NA	10	2	3	3	1	4	3	13	13	4	4	2	2	13	5
1995-96	18	9	NA	12	11	4	12	1	7	6	4	18	4	6	3	2	18	6
1996-97	18	4	NA	5	11	12	11	2	7	8	7	13	10	6	3	2	18	6
1997-98	18	9	NA	3	11	10	10	2	4	7	4	10	15	4	2	1	18	5
(Including Systemwide)																		
1992-93	13	6	NA	10	1	9	1	1	4	3	3	4	4	2	2	1	13	2
1993-94	13	7	NA	10	1	2	1	1	4	2	13	3	4	2	NA	2	13	2
1994-95	13	5	NA	10	1	3	2	1	4	3	13	1	4	2	2	2	13	4
1995-96	18	9	NA	12	7	4	9	1	7	5	4	8	4	4	3	2	18	5
1996-97	18	4	NA	5	9	11	9	2	7	6	7	1	5	3	3	2	18	3
1997-98	18	9	NA	3	7	10	7	2	4	4	4	1	10	2	2	1	18	2

NA means not applicable.

1/ Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY95-96 data are compared against the new peer group.

For FY92-93 to FY94-95, there were 13 institutions in Maui CC's peer group and beginning in FY95-96, there were 20 institutions. Data was not available for some institutio

2/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

3/ Library is included in Academic Support.

4/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

**Appendix F5
MAUI COMMUNITY COLLEGE
PEER GROUP COMPARISONS, PER FTE STUDENT
FISCAL YEAR 1997-98**

	INSTITUTION	ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT										FULL INSTR EXPEND PER FTE STUDENT				
		FTE	% Grad	Tuition & Fees	Priv Approp	GC Endow	TOTAL REV	Instruc- tion	Student Svc	Acad Sup 1/	Library 1/	Inst'l Supprt	Oper Maint	Funded Rsch	Public Svc	Student Aid	TOTAL EXP	Estm Instr	Full HEWI Instr	Adjusted Full Instr	Norm	Devia- tion
1	Maui Community College	1,637	0	2,180	4,407	73	6,660	4,318	1,150	916	287	1,222	694	11	1,015	426	9,751	7,852	97	8,095	7,900	2%
	Maui CC (including systemwide)	1,637	0	2,180	5,029	75	7,284	4,318	1,161	1,044	287	2,896	820	11	1,015	429	11,694	9,488	95	9,988	NA	NA
2	Caldwell Community College & Technical Institute	1,777	0	796	7,021	116	7,932	4,130	504	757	354	1,229	830	0	0	597	8,047	7,450	90	8,278	7,700	8%
3	Carl Sandburg College	1,597	0	1,695	4,025	98	5,817	3,320	1,646	313	212	1,632	1,633	0	537	1,355	10,437	8,195	89	9,208	7,900	17%
4	Cisco Junior College	1,661	0	1,382	2,908	83	4,373	1,866	321	224	92	987	833	0	13	1,169	5,414	4,221	80	5,276	7,900	-33%
5	Craven Community College	1,348	0	1,326	6,562	116	8,004	3,757	753	930	186	1,455	898	0	533	1,351	9,676	7,445	93	8,006	8,300	-4%
6	Dodge City Community College	2,042	0	1,272	4,133	157	5,562	2,603	950	304	21	1,311	701	0	264	1,311	7,444	5,708	80	7,135	7,500	-5%
7	Germanna Community College	1,736	0	1,573	3,100	6	4,679	2,471	427	548	209	1,029	400	0	72	513	5,461	4,828	84	5,747	7,900	-27%
8	Greenfield Community College	5,285	0	2,342	4,619	46	7,006	4,466	628	1,022	240	995	736	0	0	838	8,684	7,845	99	7,924	6,600	20%
9	Mineral Area College	1,660	0	1,512	3,104	117	4,733	2,909	319	1,831	119	768	859	0	0	1,391	8,076	6,685	83	8,054	7,900	2%
10	New Mexico Junior College	1,650	0	600	6,427	67	7,093	3,003	1,440	540	272	948	859	15	106	956	7,868	6,728	87	7,734	7,900	-2%
11	North Country Community College	799	0	2,673	4,708	58	7,438	3,353	1,053	875	252	1,733	880	0	0	2,243	10,137	7,894	91	8,675	9,500	-9%
12	Northern Wyoming Community College District 2/	1,615	0	1,255	4,838	84	6,177	3,554	637	549	191	948	730	0	49	820	7,286	6,392	86	7,433	7,900	-6%
13	Sauk Valley Community College	1,521	0	1,485	2,868	0	4,353	2,684	553	499	135	2,097	696	0	193	1,173	7,896	6,344	93	6,822	7,900	-14%
14	South Florida Community College	1,423	0	1,323	7,651	0	8,973	3,666	4,314	1,303	287	1,897	1,436	0	5	946	13,567	12,613	87	14,498	8,300	75%
15	Southwestern Oregon Community College	1,584	0	1,624	5,835	0	7,459	3,491	1,093	1,061	209	1,678	655	0	934	1,079	9,992	7,404	94	7,877	7,900	0%
16	Temple College 3/	1,703	0	1,596	4,970	97	6,663	3,633	648	451	151	895	554	0	370	905	7,457	6,031	90	6,701	7,900	-15%
17	West Virginia Northern Community College	1,579	0	1,467	3,086	0	4,552	2,608	639	927	50	882	869	0	60	1,208	7,193	5,876	87	6,754	7,900	-15%
18	Western Piedmont Community College	1,324	0	798	7,619	98	8,515	3,985	665	892	319	1,303	756	0	58	777	8,436	7,565	91	8,313	8,300	0%

HIGH		5,285	0	2,673	7,651	157	8,973	4,466	4,314	1,831	354	2,097	1,633	15	934	2,243	13,567	12,613	99	14,498	9,500	75%
AVERAGE	Excluding MAUI CC	1,783	0	1,454	4,910	67	6,431	3,265	976	766	194	1,282	843	1	188	1,096	8,416	7,013	88	7,908	7,953	0%
LOW		799	0	600	2,868	0	4,353	1,866	319	224	21	768	400	0	0	513	5,414	4,221	80	5,276	6,600	-33%
% DIFF FROM	MAUI CC	-8%		50%	-10%	9%	4%	32%	18%	20%	48%	-5%	-18%	966%	440%	-61%	16%	12%	10%	2%	-1%	-
AVERAGE	with SYSTEMWIDE	-8%		50%	2%	12%	13%	32%	19%	36%	48%	126%	-3%	1000%	440%	-61%	39%	35%	8%	26%	-	-
RANK	MAUI CC	9	-	3	11	10	10	2	4	7	4	10	15	2	1	18	5	4	2	6	5	5
	with SYSTEMWIDE	9	-	3	7	10	7	2	4	4	4	1	10	2	1	18	2	2	2	-	-	-

NA means not available.

1/ Library is included in Academic Support.

2/ Formerly Sheridan College.

3/ Formerly Temple Junior College.

Note: Data was not available for Gavilan College and Proterville College.

Source: Research Associates of Washington.

**Appendix F6
MAUI COMMUNITY COLLEGE
PEER GROUP COMPARISONS, PER FTE STUDENT
FISCAL YEAR 1997-98
PERCENT DISTRIBUTION**

	INSTITUTION	ENROLLMENT		REVENUES PER FTE STUDENT			EXPENDITURES PER FTE STUDENT										FULL INSTR EXPEND PER FTE STUDENT		
		FTE	% Grad	Tuition & Fees	Priv GC Approp	Endow	TOTAL REV	Instruc- tion	Student Svc	Acad Sup 1/	Libray 1/	Inst'l Supprt	Oper Maint	Funded Rsch	Public Svc	Student Aid	TOTAL EXP	Estm Full Instr	Adjusted Full Instr
1	Maui Community College Maui CC (including systemwide)	1,637	0	33	66	1	100%	44	12	9	3	13	7	0	10	4	100%	81	83
2	Caldwell Community College & Technical Institute	1,777	0	10	89	1	100%	51	6	9	4	15	10	0	0	7	100%	93	103
3	Carl Sandburg College	1,597	0	29	69	2	100%	32	16	3	2	16	16	0	5	13	100%	79	88
4	Cisco Junior College	1,661	0	32	67	2	100%	34	6	4	2	18	15	0	0	22	100%	78	97
5	Craven Community College	1,348	0	17	82	1	100%	39	8	10	2	15	9	0	6	14	100%	77	83
6	Dodge City Community College	2,042	0	23	74	3	100%	35	13	4	0	18	9	0	4	18	100%	77	96
7	Germann Community College	1,736	0	34	66	0	100%	45	8	10	4	19	7	0	1	9	100%	88	105
8	Greenfield Community College	5,285	0	33	66	1	100%	51	7	12	3	11	8	0	0	10	100%	90	91
9	Mineral Area College	1,660	0	32	66	2	100%	36	4	23	1	10	11	0	0	17	100%	83	100
10	New Mexico Junior College	1,650	0	8	91	1	100%	38	18	7	3	12	11	0	1	12	100%	86	98
11	North Country Community College	799	0	36	63	1	100%	33	10	9	2	17	9	0	0	22	100%	78	86
12	Northern Wyoming Community College District 2/	1,615	0	20	78	1	100%	49	9	8	3	13	10	0	1	11	100%	88	102
13	Sauk Valley Community College	1,521	0	34	66	0	100%	34	7	6	2	27	9	0	2	15	100%	80	86
14	South Florida Community College	1,423	0	15	85	0	100%	27	32	10	2	14	11	0	0	7	100%	93	107
15	Southwestern Oregon Community College	1,584	0	22	78	0	100%	35	11	11	2	17	7	0	9	11	100%	74	79
16	Temple College 3/	1,703	0	24	75	1	100%	49	9	6	2	12	7	0	5	12	100%	81	90
17	West Virginia Northern Community College	1,579	0	32	68	0	100%	36	9	13	1	12	12	0	1	17	100%	82	94
18	Western Piedmont Community College	1,324	0	9	89	1	100%	47	8	11	4	15	9	0	1	9	100%	90	99

HIGH	5,285	36	91	3	-	51	32	23	4	27	16	0	9	22	-	93	107
AVERAGE Excluding MAUI CC	1,783	24	75	1	-	40	11	9	2	15	10	0	2	13	-	83	94
LOW	799	8	63	0	-	27	4	3	0	10	7	0	0	7	-	74	79

1/ Library is included in Academic Support.

2/ Formerly Sheridan College.

3/ Formerly Temple Junior College.

Note: Data was not available for Gavilan College and Proterville College.

Source: Research Associates of Washington.

**Appendix F7
MAUI COMMUNITY COLLEGE
PEER GROUP
FISCAL YEAR 1997-98**

	STATE	CARNEGIE CLASSIFICATION	NAME	CITY	FICE CODE	ENROLLMENT	
						FTE Enroll	% Grad
1	HI	Associate of Arts College	Maui Community College	Kahului	1615	1,637	0
2	NC	Associate of Arts Colleges	Caldwell Community College & Technical Instit	Hudson	4835	1,777	0
3	IL	Associate of Arts Colleges	Carl Sandburg College	Galesburg	7265	1,597	0
4	TX	Associate of Arts Colleges	Cisco Junior College	Cisco	3553	1,661	0
5	NC	Associate of Arts Colleges	Craven Community College	New Bern	6799	1,348	0
6	KS	Associate of Arts Colleges	Dodge City Community College	Dodge City	1913	2,042	0
7	CA	Associate of Arts Colleges	Gavilan College 1/	Gilroy	1202	Not Available	
8	VA	Associate of Arts Colleges	Germanna Community College	Locust Grove	8660	1,736	0
9	MA	Associate of Arts Colleges	Greenfield Community College	Greenfield	2169	5,285	0
10	MO	Associate of Arts Colleges	Mineral Area College	Park Hills	2486	1,660	0
11	NM	Associate of Arts Colleges	New Mexico Junior College	Hobbs	2655	1,650	0
12	NY	Associate of Arts Colleges	North Country Community College	Saranac Lake	7111	799	0
13	WY	Associate of Arts Colleges	Northern Wyoming Community College District	Sheridan	3930	1,615	0
14	CA	Associate of Arts Colleges	Porterville College 1/	Porterville	1268	Not Available	
15	IL	Associate of Arts Colleges	Sauk Valley Community College	Dixon	1752	1,521	0
16	FL	Associate of Arts Colleges	South Florida Community College	Avon Park	1522	1,423	0
17	OR	Associate of Arts Colleges	Southwestern Oregon Community College	Coos Bay	3220	1,584	0
18	TX	Associate of Arts Colleges	Temple College 3/	Temple	3627	1,703	0
19	WV	Associate of Arts Colleges	West Virginia Northern Community College	Wheeling	9054	1,579	0
20	NC	Associate of Arts Colleges	Western Piedmont Community College	Morganton	2982	1,324	0

1/ Data not available for FY 1997-98, therefore, it is not listed in the peer group comparison tables.

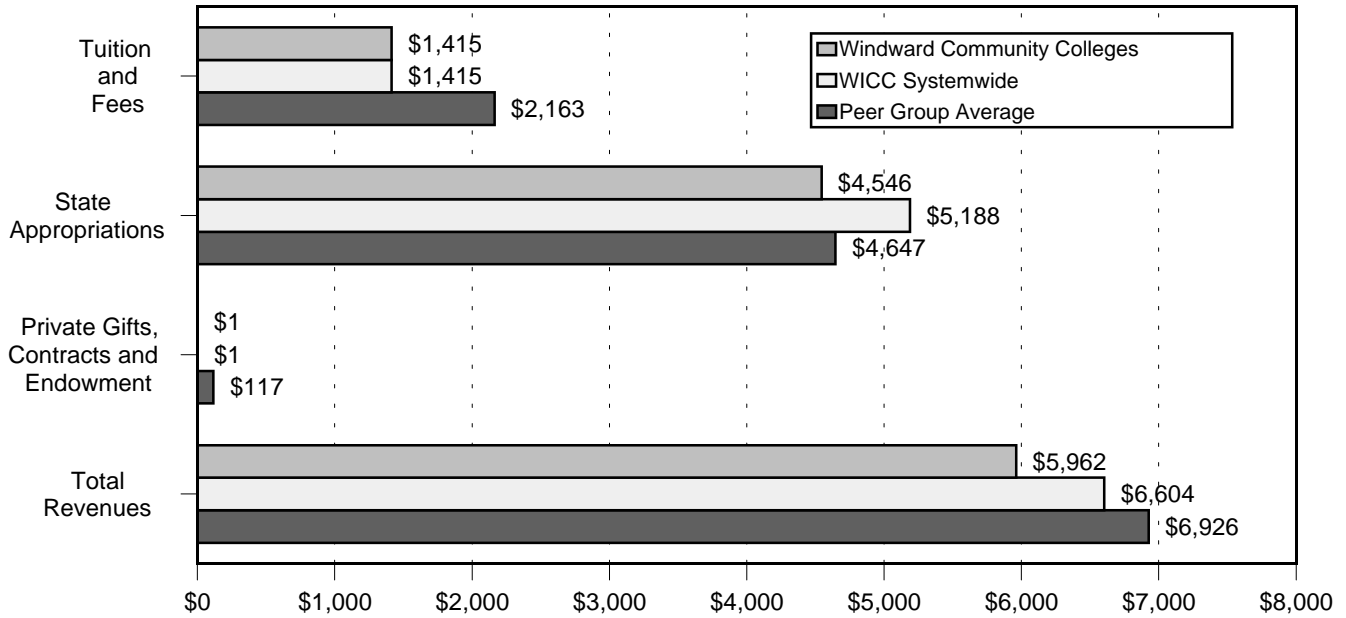
2/ Formerly Sheridan College.

3/ Formerly Temple Junior College.

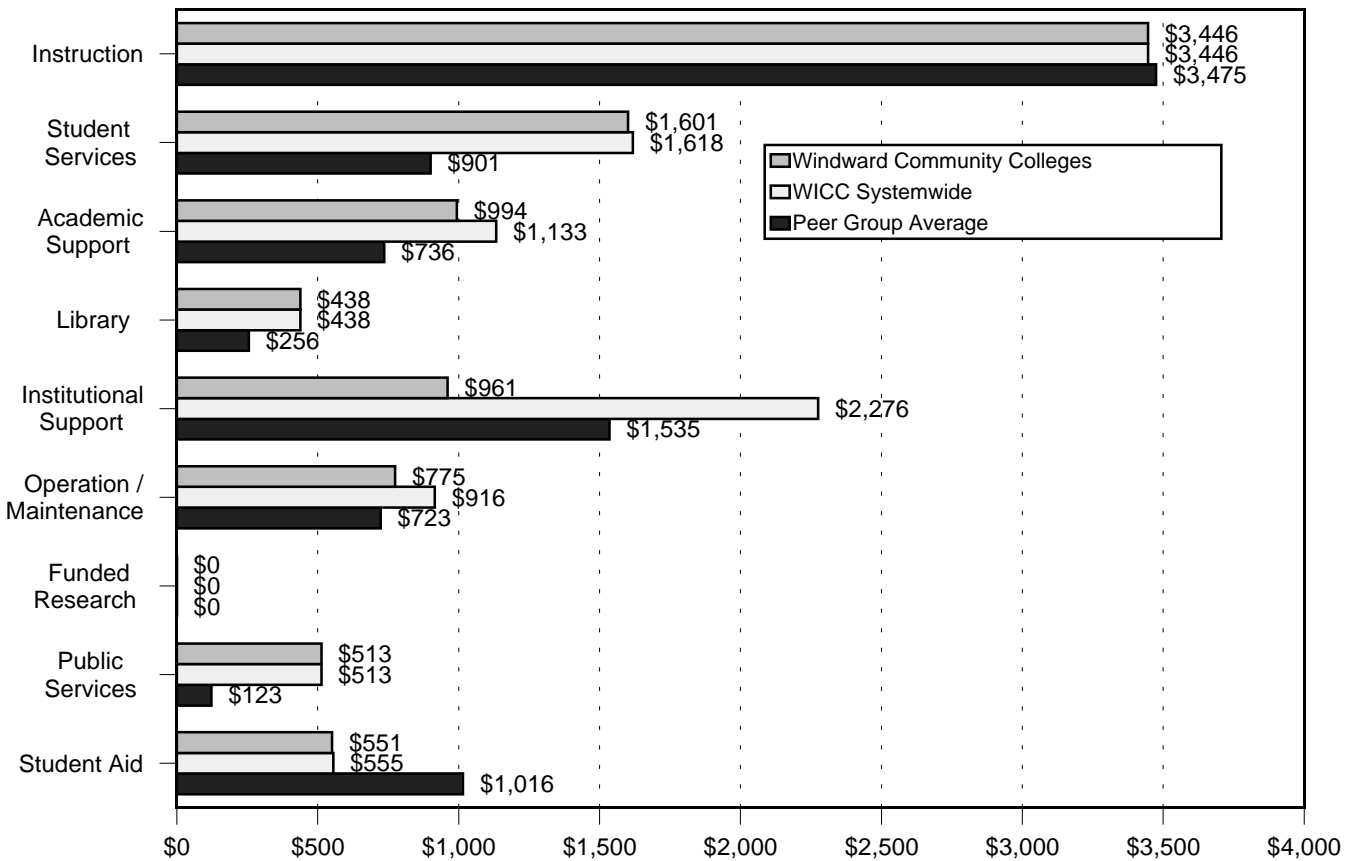
Source: Research Associates of Washington.

Windward Community College Peer Group Comparisons, FY 1997-98

**Figure G1
Revenues per FTE Student**

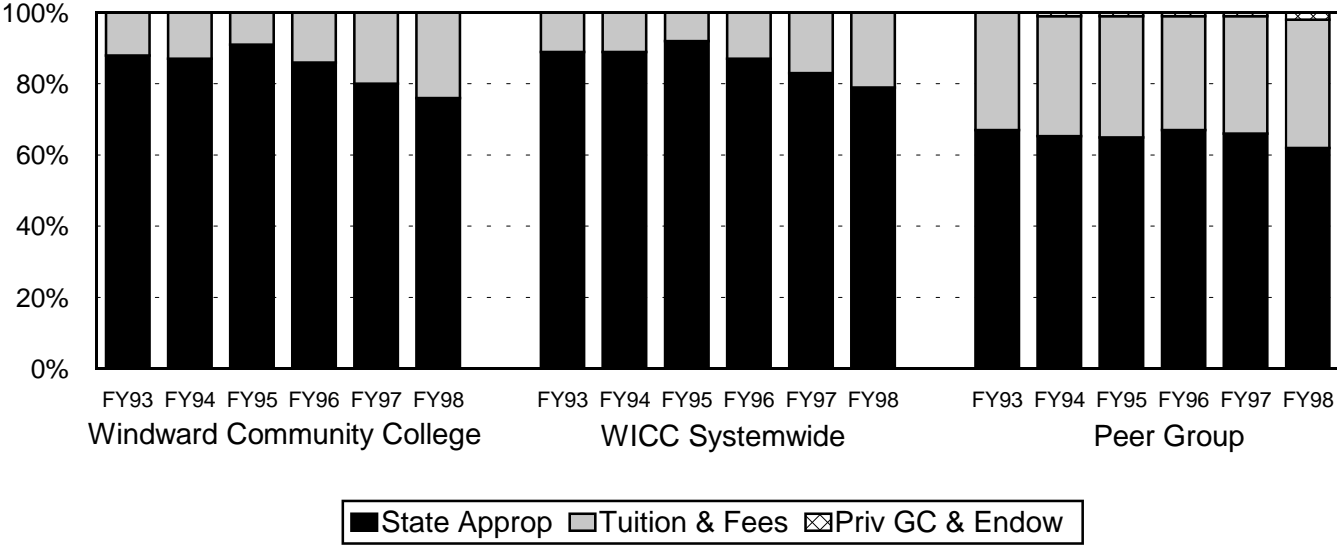


**Figure G2
Expenditures per FTE Student**



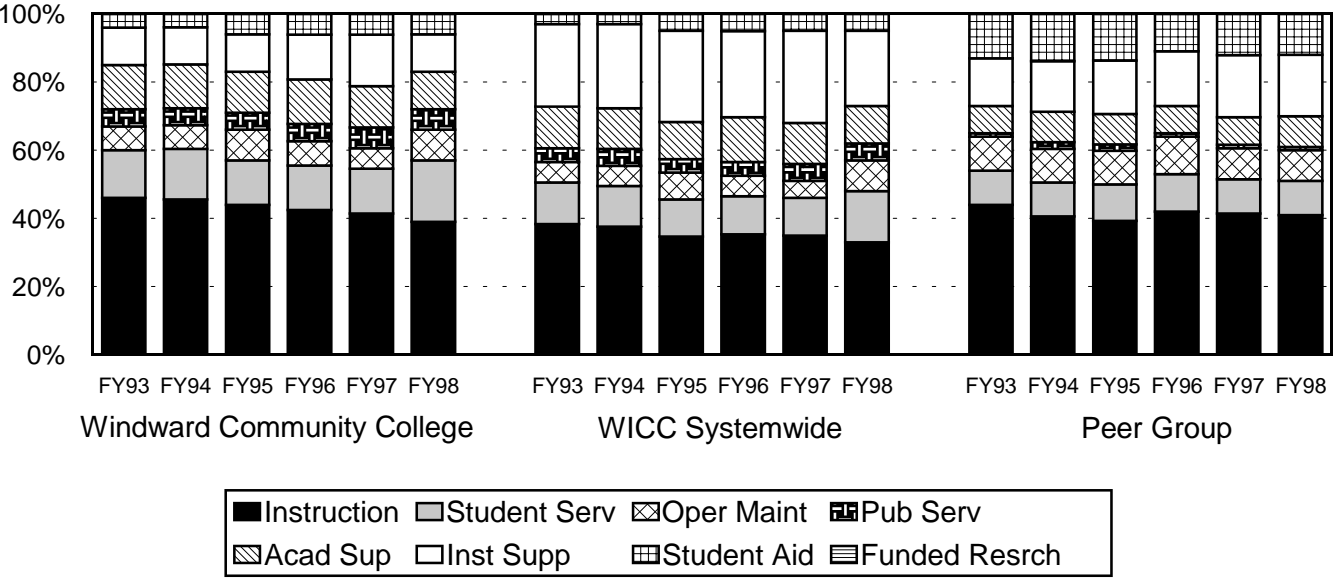
Windward Community College Peer Group Comparisons, FY 1997-98

Figure G3
Percent Distribution of Revenues Per FTE Student



State Approp
 Tuition & Fees
 Priv GC & Endow

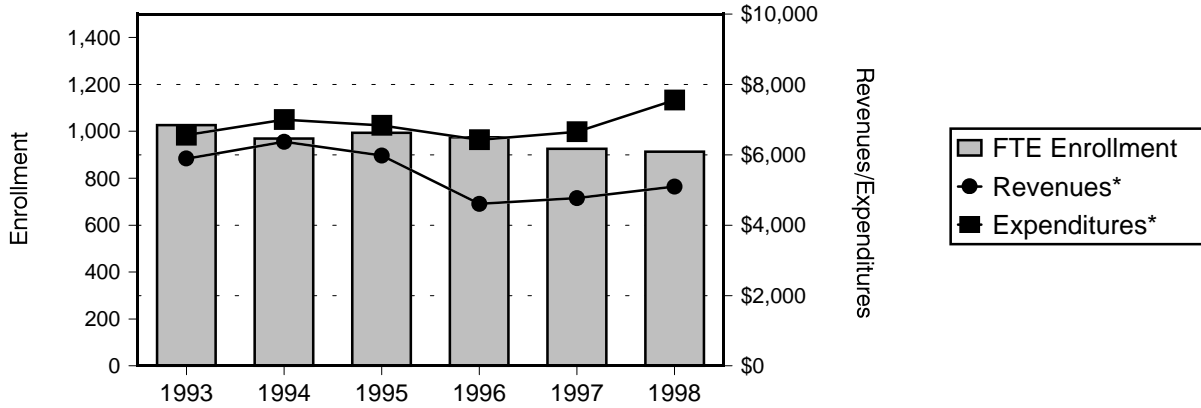
Figure G4
Percent Distribution of Expenditures Per FTE Student



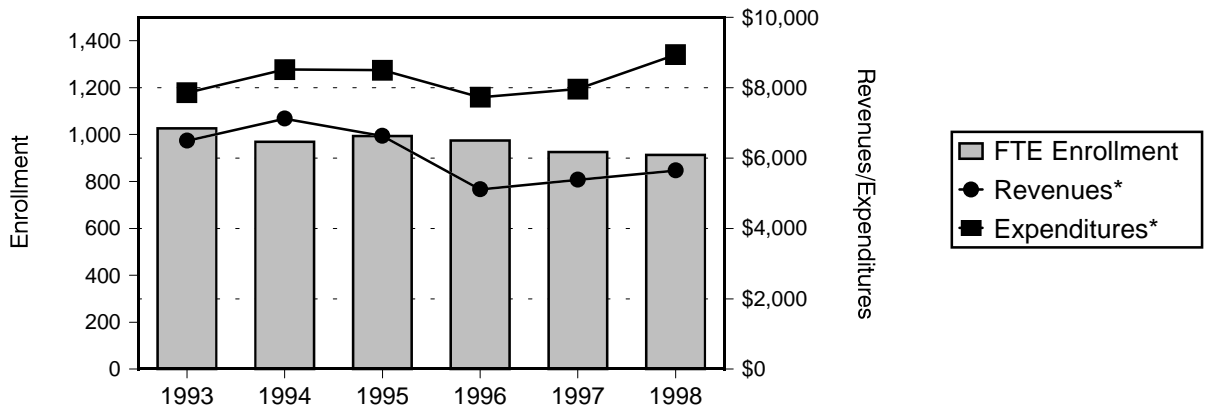
Instruction
 Student Serv
 Oper Maint
 Pub Serv
 Acad Sup
 Inst Sup
 Student Aid
 Funded Resrch

Windward Community College Peer Group Comparisons Fiscal Years 1992-93 to 1997-98

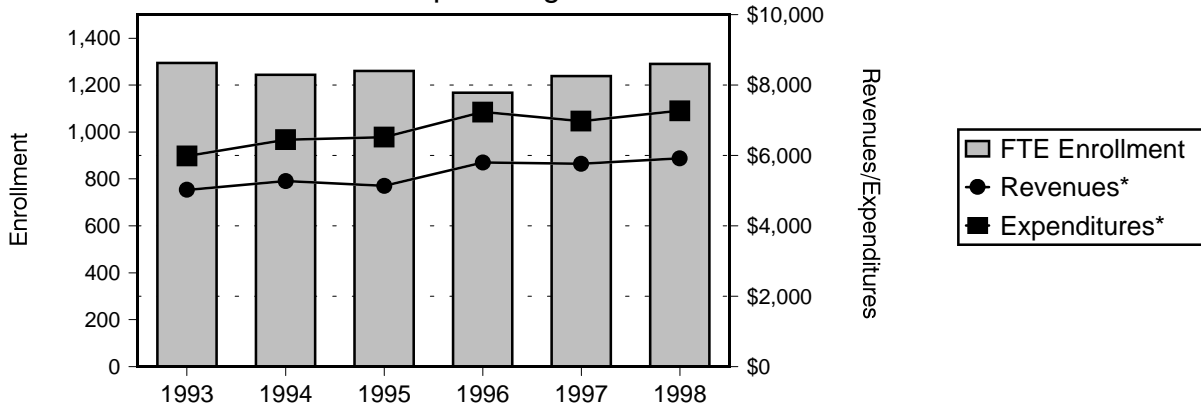
**Figure G5
Windward Community College**



**Figure G6
WICC Systemwide**



**Figure G7
Peer Group Average**



* Total revenues per FTE student and total expenditures per FTE student in constant FY93 dollars.

**Appendix G1
WINDWARD COMMUNITY COLLEGE
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
CURRENT DOLLARS**

Year	FTE ENROLLMENT			REVENUES PER FTE STUDENT					EXPENDITURES PER FTE STUDENT											
	Number	% Chnge	% Grads	Tuition 1/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 1/	% Chnge	Instruc- tion	Student Ser	Acad Sup 2/	Library 2/	Inst Supprt	Oper Maint	FULL INSTR 3/	Funded Resrch	Pub Ser	Student Aid 4/	TOTAL EXP	% Chnge
Windward CC																				
1992-93	1,027		0	691	5,185	16	5,892		2,986	920	846	344	741	474	5,866	3	334	255	6,559	
1993-94	969	-5.7	0	826	5,758	0	6,584	11.7	3,297	1,058	918	44	771	492	6,417	0	397	301	7,234	10.3
1994-95	994	2.6	0	566	5,802	0	6,368	-3.3	3,178	970	892	51	780	683	6,391	0	373	408	7,284	0.7
1995-96	975	-1.9	0	726	4,324	0	5,050	-20.7	2,986	950	939	342	882	526	6,185	0	327	438	7,048	-3.2
1996-97	925	-5.1	0	1,053	4,333	0	5,386	6.7	3,098	1,000	921	343	1,145	452	6,489	0	423	482	7,521	6.7
1997-98	913	-1.3	0	1,415	4,546	1	5,962	10.7	3,446	1,601	994	438	961	775	7,525	0	513	551	8,841	17.6
% Change FY 93 to 98		-11.1						1.2												34.8
Windward CC (Including Systemwide)																				
1992-93	1,027		0	691	5,783	17	6,491		3,008	927	941	344	1,900	485	7,160	3	334	255	7,853	
1993-94	969	-5.7	0	826	6,534	0	7,360	13.4	3,317	1,074	1,035	44	2,175	505	7,987	0	397	301	8,804	12.1
1994-95	994	2.6	0	566	6,493	0	7,059	-4.1	3,178	978	1,001	51	2,418	692	8,155	0	373	408	9,048	2.8
1995-96	975	-1.9	0	726	4,878	0	5,604	-20.6	2,986	963	1,096	342	2,134	527	7,606	0	332	438	8,476	-6.3
1996-97	925	-5.1	0	1,053	5,027	0	6,080	8.5	3,113	1,011	1,070	343	2,443	453	7,963	0	423	482	8,995	6.1
1997-98	913	-1.3	0	1,415	5,188	1	6,604	8.6	3,446	1,618	1,133	438	2,276	916	8,991	0	513	555	10,457	16.3
% Change FY 93 to 98		-11.1						1.7												33.2
Peer Group Average																				
1992-93	1,294		0	1,617	3,391	17	5,024		2,585	612	490	200	818	628	5,108	0	74	778	5,982	
1993-94	1,244	-3.9	0	1,780	3,641	33	5,454	8.6	2,695	649	631	212	995	664	5,600	4	112	920	6,671	11.5
1994-95	1,260	1.3	0	1,843	3,601	31	5,474	0.4	2,764	731	592	228	1,098	700	5,848	0	124	938	6,947	4.1
1995-96	1,168	-7.3	0	1,961	4,350	57	6,367	16.3	3,307	884	674	261	1,243	869	6,942	2	114	845	7,938	14.3
1996-97	1,239	6.1	0	2,013	4,404	97	6,514	2.3	3,255	813	649	261	1,396	712	6,789	1	119	940	7,885	-0.7
1997-98	1,291	4.2	0	2,163	4,647	117	6,926	6.3	3,475	901	736	256	1,535	723	7,291	0	123	1,016	8,510	7.9
% Change FY 93 to 98		-0.2						37.9												42.3

1/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

2/ Library is included in Academic Support.

3/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

4/ For Windward Community College, the FY97-98 amount reported here for student financial aid has been updated from what was reported on the IPEDS Financial Survey.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

Appendix G2
WINDWARD COMMUNITY COLLEGE
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
CONSTANT DOLLARS 1/

Year	FTE ENROLLMENT			REVENUES PER FTE STUDENT					EXPENDITURES PER FTE STUDENT 2/											
	Number	% Chnge	% Grads	Tuition 2/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 2/	% Chnge	Instruc- tion	Student Ser	Acad Sup 3/	Library 3/	Inst Supprt	Oper Maint	FULL INSTR 4/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP	% Chnge
Windward CC																				
1992-93	1,027		0	691	5,185	16	5,892		2,986	920	846	344	741	474	5,866	3	334	255	6,559	
1993-94	969	-5.7	0	799	5,569	0	6,368	8.1	3,189	1,023	888	43	746	476	6,206	0	384	291	6,996	6.7
1994-95	994	2.6	0	531	5,448	0	5,979	-6.1	2,984	911	838	48	732	641	6,001	0	350	383	6,839	-2.2
1995-96	975	-1.9	0	662	3,942	0	4,603	-23.0	2,722	866	856	312	804	479	5,638	0	298	399	6,425	-6.1
1996-97	925	-5.1	0	932	3,835	0	4,766	3.5	2,742	885	815	304	1,013	400	5,743	0	374	427	6,656	3.6
1997-98	913	-1.3	0	1,209	3,886	1	5,096	6.9	2,946	1,369	850	374	821	662	6,432	0	439	471	7,557	13.5
% Change FY 93 to 98		-11.1						-13.5												15.2
Windward CC (Including Systemwide)																				
1992-93	1,027		0	691	5,783	17	6,491		3,008	927	941	344	1,900	485	7,160	3	334	255	7,853	
1993-94	969	-5.7	0	799	6,319	0	7,118	9.7	3,208	1,039	1,001	43	2,103	488	7,724	0	384	291	8,515	8.4
1994-95	994	2.6	0	531	6,097	0	6,628	-6.9	2,984	918	940	48	2,270	650	7,657	0	350	383	8,496	-0.2
1995-96	975	-1.9	0	662	4,447	0	5,108	-22.9	2,722	878	999	312	1,945	480	6,933	0	303	399	7,727	-9.1
1996-97	925	-5.1	0	932	4,449	0	5,381	5.3	2,755	895	947	304	2,162	401	7,047	0	374	427	7,960	3.0
1997-98	913	-1.3	0	1,209	4,434	1	5,644	4.9	2,945	1,383	968	374	1,945	783	7,685	0	438	474	8,938	12.3
% Change FY 93 to 98		-11.1						-13.0												13.8
Peer Group Average																				
1992-93	1,294		0	1,617	3,391	17	5,024		2,585	612	490	200	818	628	5,108	0	74	778	5,982	
1993-94	1,244	-3.9	0	1,721	3,521	32	5,275	5.0	2,606	628	610	205	962	642	5,416	4	108	890	6,452	7.9
1994-95	1,260	1.3	0	1,731	3,381	29	5,140	-2.6	2,595	686	556	214	1,031	657	5,491	0	116	881	6,523	1.1
1995-96	1,168	-7.3	0	1,788	3,965	52	5,804	12.9	3,015	806	614	238	1,133	792	6,328	2	104	770	7,236	10.9
1996-97	1,239	6.1	0	1,781	3,897	86	5,765	-0.7	2,881	719	574	231	1,235	630	6,008	1	105	832	6,978	-3.6
1997-98	1,291	4.2	0	1,849	3,972	100	5,920	2.7	2,970	770	629	219	1,312	618	6,232	0	105	868	7,274	4.2
% Change FY 93 to 98		-0.2						17.8												21.6

1/ Constant dollars based on inflation measured by the Higher Education Price Index (HEPI). FY 1992-93 = 100.

2/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

3/ Library is included in Academic Support.

4/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

**Appendix G3
WINDWARD COMMUNITY COLLEGE
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98
PERCENT DISTRIBUTION**

Year	FTE ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT										
	Number	% Grads	Tuition 1/ & Fees	State Approp	Priv GC & Endow	TOTAL REV 1/	Instruc- tion	Student Ser	Acad Sup 2/	Library 2/	Inst Supprt	Oper Maint	FULL INSTR 3/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP
Windward CC																	
1992-93	1,027	0	12	88	0	100%	46	14	13	5	11	7	89	0	5	4	100%
1993-94	969	0	13	87	0	100%	46	15	13	1	11	7	89	0	5	4	100%
1994-95	994	0	9	91	0	100%	44	13	12	1	11	9	88	0	5	6	100%
1995-96	975	0	14	86	0	100%	42	13	13	5	13	7	88	0	5	6	100%
1996-97	925	0	20	80	0	100%	41	13	12	5	15	6	86	0	6	6	100%
1997-98	913	0	24	76	0	100%	39	18	11	5	11	9	85	0	6	6	100%
Windward CC (Including Systemwide)																	
1992-93	1,027	0	11	89	0	100%	38	12	12	4	24	6	91	0	4	3	100%
1993-94	969	0	11	89	0	100%	38	12	12	0	25	6	91	0	5	3	100%
1994-95	994	0	8	92	0	100%	35	11	11	1	27	8	90	0	4	5	100%
1995-96	975	0	13	87	0	100%	35	11	13	4	25	6	90	0	4	5	100%
1996-97	925	0	17	83	0	100%	35	11	12	4	27	5	89	0	5	5	100%
1997-98	913	0	21	79	0	100%	33	15	11	4	22	9	86	0	5	5	100%
Peer Group Average																	
1992-93	1,294	0	33	67	0	100%	44	10	8	3	14	10	85	0	1	13	100%
1993-94	1,244	0	34	66	1	100%	41	10	9	3	15	10	84	0	2	14	100%
1994-95	1,260	0	34	65	1	100%	40	11	9	3	16	10	84	0	2	14	100%
1995-96	1,168	0	32	67	1	100%	42	11	8	3	16	11	87	0	1	11	100%
1996-97	1,239	0	33	66	1	100%	41	10	8	3	18	9	86	0	1	12	100%
1997-98	1,291	0	36	62	2	100%	41	10	9	3	18	9	86	0	1	12	100%

1/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

2/ Library is included in Academic Support.

3/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates developed a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

Appendix G4
WINDWARD COMMUNITY COLLEGE RANKINGS
PEER GROUP COMPARISONS
FISCAL YEAR 1992-93 TO 1997-98

Year	Number of Schools in Group 1/	ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT											
		FTE	% Grads	Tuition 2/ & Fees	State Approp	Priv & Endow	GC	TOTAL REV 2/	Instruc- tion	Student Ser	Acad Sup 3/	Library 3/	Inst Supprt	Oper Maint	FULL NSTR 4/	Funded Resrch	Pub Ser	Student Aid	TOTAL EXP
Windward CC Ranking in PEER GROUP																			
1992-93	11	9	NA	10	2	4	3	4	1	2	1	6	9	3	1	1	10	4	
1993-94	11	8	NA	10	2	6	1	2	1	3	11	7	9	3	NA	2	10	5	
1994-95	11	7	NA	11	2	7	2	2	2	2	11	9	7	4	NA	2	10	6	
1995-96	15	8	NA	14	10	9	13	10	5	4	5	12	13	10	4	2	13	10	
1996-97	15	10	NA	13	8	11	12	8	3	4	4	10	12	9	4	1	12	9	
1997-98	15	10	NA	11	8	11	12	7	2	5	1	12	8	6	3	1	12	8	
(Including Systemwide)																			
1992-93	11	9	NA	10	1	3	1	4	1	2	1	1	7	1	1	1	10	1	
1993-94	11	8	NA	10	1	6	1	2	1	2	11	1	9	1	NA	2	10	1	
1994-95	11	7	NA	11	1	7	1	2	2	2	11	1	7	1	NA	2	10	1	
1995-96	15	8	NA	14	7	9	12	10	5	4	5	1	13	5	4	2	13	7	
1996-97	15	10	NA	13	5	11	11	8	3	3	4	2	12	2	4	1	12	3	
1997-98	15	10	NA	11	5	11	10	7	2	4	1	3	4	4	3	1	12	4	

NA means not applicable.

1/ Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY95-96 data are compared against the new peer group.

For FY92-93 to FY94-95, there were 11 institutions in Windward CC's peer group and beginning in FY95-96, there were 17 institutions. Data was not available for some inst

2/ Tuition revenues for FY92-93 through FY94-95 were returned to the State of Hawai'i general fund, but for comparative purposes are included here in "Tuition Revenue" instead of "Appropriations".

3/ Library is included in Academic Support.

4/ This is the estimated full instructional expenditure, not adjusted by cost of living index (CLI) or higher education wage index (HEWI). Beginning FY97-98, Research Associates a new methodology for this measure.

Note: Peer group was updated effective April 1998 by NCHEMS, therefore, beginning FY 95-96 data are compared against the new peer group.

Source: Research Associates of Washington.

**Appendix G5
WINDWARD COMMUNITY COLLEGE
PEER GROUP COMPARISONS, PER FTE STUDENT
FISCAL YEAR 1997-98**

	INSTITUTION	ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT										FULL INSTR EXPEND PER FTE STUDENT				
		FTE	% Grad	Tuition & Fees	Priv Approp	GC Endow	TOTAL REV	Instruc- tion	Student Svc	Acad Sup 1/	Library 1/	Inst'l Supprt	Oper Maint	Funded Rsch	Public Svc	Student Aid 2/	TOTAL EXP	Estm Instr	Full HEWI Instr	Adjusted Full Instr	Norm	Devia- tion
1	Windward Community College	913	0	1,415	4,546	1	5,962	3,446	1,601	994	438	961	775	0	513	551	8,841	7,525	104	7,236	9,500	-24%
	Windward CC (including systemwide)	913	0	1,415	5,188	1	6,604	3,446	1,618	1,133	438	2,276	916	0	513	555	10,457	8,991	104	8,645	NA	NA
2	Atlanta Metropolitan College	1,391	0	2,057	5,225	188	7,470	3,743	851	569	201	1,579	954	0	362	1,495	9,552	7,469	108	6,916	8,300	-17%
3	Big Bend Community College	1,291	0	2,582	5,153	684	8,418	5,495	920	467	275	1,186	966	0	0	1,651	10,684	9,033	88	10,265	8,300	24%
4	Carroll Community College	1,318	0	2,475	4,707	109	7,291	3,094	859	1,195	400	1,930	509	0	0	480	8,067	7,587	95	7,987	8,300	-4%
5	College of the Siskiyous	1,247	0	579	7,523	212	8,314	4,544	1,298	788	172	2,252	657	0	67	1,737	11,343	9,496	86	11,042	8,700	27%
6	Independence Community College	836	0	1,251	1,464	0	2,715	2,495	576	762	54	3,282	173	0	0	1,203	8,489	7,287	89	8,187	9,500	-14%
7	Kent State University Stark Campus	1,734	0	3,907	3,004	0	6,912	3,159	620	524	270	778	844	0	262	42	6,230	5,786	95	6,090	7,900	-23%
8	Richard Bland College	907	0	2,214	3,794	11	6,019	2,694	739	353	324	1,408	781	0	0	651	6,626	5,975	102	5,858	9,500	-38%
9	South Mountain Community College	1,388	0	1,527	6,330	246	8,102	3,236	876	1,220	223	1,248	779	0	81	1,418	8,858	7,297	100	7,297	8,300	-12%
10	Saint Johns River Community College	2,366	0	1,160	3,832	8	5,001	2,073	490	811	250	1,018	557	0	0	609	5,559	4,950	86	5,756	7,500	-23%
11	Taft College	603	0	521	11,401	0	11,922	5,479	2,821	1,098	351	1,688	1,270	0	150	1,149	13,654	12,283	92	13,351	10,700	25%
12	University Of Akron - Wayne College	782	0	5,168	3,428	53	8,649	4,150	629	657	310	2,512	866	2	354	124	9,295	8,535	90	9,484	9,500	0%
13	University Of South Carolina - Sumter	835	0	2,498	4,817	84	7,399	3,661	755	1,167	382	1,052	738	1	451	1,022	8,847	7,099	94	7,552	9,500	-21%
14	Western Oklahoma State College	997	0	1,748	4,375	0	6,123	2,519	511	405	242	839	587	0	0	1,368	6,229	4,861	89	5,462	9,500	-43%
15	Whatcom Community College	2,377	0	2,589	0	39	2,628	2,306	667	292	132	717	440	0	0	1,281	5,703	4,422	93	4,755	7,500	-37%

HIGH		2,377	0	5,168	11,401	684	11,922	5,495	2,821	1,220	400	3,282	1,270	2	451	1,737	13,654	12,283	108	13,351	10,700	27%
AVERAGE	Excluding WINDWARD CC	1,291	0	2,163	4,647	117	6,926	3,475	901	736	256	1,535	723	0	123	1,016	8,510	7,291	93	7,857	8,786	-11%
LOW		603	0	521	0	0	2,628	2,073	490	292	54	717	173	0	0	42	5,559	4,422	86	4,755	7,500	-43%
% DIFF	WINDWARD CC	-29%		-35%	-2%	-99%	-14%	-1%	78%	35%	71%	-37%	7%	-	317%	-46%	4%	3%	12%	-8%	8%	-
FROM																						
AVERAGE	WITH SYSTEMWIDE	-29%		-35%	12%	-99%	-5%	-1%	80%	54%	71%	48%	27%	-	317%	-45%	23%	23%	12%	10%	-	-
RANK	WINDWARD CC	10	-	11	8	11	12	7	2	5	1	12	8	3	1	12	8	6	2	9	2	12
	WITH SYSTEMWIDE	10	-	11	5	11	10	7	2	4	1	3	4	3	1	12	4	4	2	5	-	-

NA means not available.

1/ Library is included in Academic Support.

2/ Figure reported here has been updated from what was reported on the IPEDS Financial Survey.

Note: Data was not available for Asnuntuck Community-Technical College and Mesabi Range Community & Technical College.

Source: Research Associates of Washington.

**Appendix G6
WINDWARD COMMUNITY COLLEGE
PEER GROUP COMPARISONS, PER FTE STUDENT
FISCAL YEAR 1997-98
PERCENT DISTRIBUTION**

	INSTITUTION	ENROLLMENT		REVENUES PER FTE STUDENT				EXPENDITURES PER FTE STUDENT									FULL INSTR EXPEND PER FTE STUDENT		
		FTE	% Grad	Tuition & Fees	Priv GC Approp	Endow	TOTAL REV	Instruc- tion	Student Svc	Acad Sup 1/ 1/	Libray /	Inst'l Supprt	Oper Maint	Funded Rsch	Public Svc	Student Aid	TOTAL EXP	Estm Full Instr	Adjusted Full Instr
1	Windward Community College	913	0	24	76	0	100%	39	18	11	5	11	9	0	6	6	100%	85	82
	Windward CC (including systemwide)	913	0	21	79	0	100%	33	15	11	4	22	9	0	5	5	100%	86	83
2	Atlanta Metropolitan College	1,391	0	28	70	3	100%	39	9	6	2	17	10	0	4	16	100%	78	72
3	Big Bend Community College	1,291	0	31	61	8	100%	51	9	4	3	11	9	0	0	15	100%	85	96
4	Carroll Community College	1,318	0	34	65	1	100%	38	11	15	5	24	6	0	0	6	100%	94	99
5	College of the Siskiyous	1,247	0	7	90	3	100%	40	11	7	2	20	6	0	1	15	100%	84	NA
6	Independence Community College	836	0	46	54	0	100%	29	7	9	1	39	2	0	0	14	100%	86	96
7	Kent State University Stark Campus	1,734	0	57	43	0	100%	51	10	8	4	12	14	0	4	1	100%	93	98
8	Richard Bland College	907	0	37	63	0	100%	41	11	5	5	21	12	0	0	10	100%	90	88
9	Saint Johns River Community College	2,366	0	23	77	0	100%	37	9	15	5	18	10	0	0	11	100%	89	104
10	South Mountain Community College	1,388	0	19	78	3	100%	37	10	14	3	14	9	0	1	16	100%	82	82
11	Taft College	603	0	4	96	0	100%	40	21	8	3	12	9	0	1	8	100%	90	98
12	University Of Akron - Wayne College	782	0	60	40	1	100%	45	7	7	3	27	9	0	4	1	100%	92	102
13	University Of South Carolina - Sumter	835	0	34	65	1	100%	41	9	13	4	12	8	0	5	12	100%	80	85
14	Western Oklahoma State College	997	0	29	71	0	100%	40	8	7	4	13	9	0	0	22	100%	78	88
15	Whatcom Community College	2,377	0	99	0	1	100%	40	12	5	2	13	8	0	0	22	100%	78	83

HIGH	2,377	99	96	8	-	51	21	15	5	39	14	0	5	22	-	94	104
AVERAGE Excluding WINDWARD CC	1,291	36	62	2	-	41	10	9	3	18	9	0	1	12	-	86	92
LOW	603	4	0	0	-	29	7	4	1	11	2	0	0	1	-	78	72

NA means not available.

1/ Library is included in Academic Support.

Note: Data was not available for Asnuntuck Community-Technical College and Mesabi Range Community & Technical College.

Source: Research Associates of Washington.

**Appendix G7
WINDWARD COMMUNITY COLLEGE
PEER GROUP
FISCAL YEAR 1997-98**

	STATE	CARNEGIE CLASSIFICATION	NAME	CITY	FICE CODE	ENROLLMENT	
						FTE Enroll	% Grad
1	HI	Associate of Arts Colleges	Windward Community College	Kaneohe	11220	913	0
2	CT	Associate of Arts Colleges	Asnuntuck Community-Technical College 1/	Enfield	11150	Not Available	
3	GA	Associate of Arts Colleges	Atlanta Metropolitan College	Atlanta	12165	1,391	0
4	WA	Associate of Arts Colleges	Big Bend Community College	Moses Lake	3770	1,291	0
5	MD	Associate of Arts Colleges	Carroll Community College	Westminster	31007	1,318	0
6	CA	Associate of Arts Colleges	College of the Siskiyous	Weed	1187	1,247	0
7	KS	Associate of Arts Colleges	Independence Community College	Independence	1924	836	0
8	OH	Associate of Arts Colleges	Kent State University Stark Campus	Canton	3054	1,734	0
9	MN	-----	Mesabi Range Community & Technical College 1/	Eveleth	5739	Not Available	
10	VA	Associate of Arts Colleges	Richard Bland College	Petersburg	3707	907	0
11	AZ	Associate of Arts Colleges	South Mountain Community College	Phoenix	21466	1,388	0
12	FL	Associate of Arts Colleges	St. Johns River Community College	Palatka	1523	2,366	0
13	CA	Associate of Arts Colleges	Taft College	Taft	1309	603	0
14	OH	Associate of Arts Colleges	University of Akron - Wayne College	Orrville	10818	782	0
15	SC	Associate of Arts Colleges	University of South Carolina - Sumter	Sumter	3426	835	0
16	OK	Associate of Arts Colleges	Western Oklahoma State College	Altus	3146	997	0
17	WA	Associate of Arts Colleges	Whatcom Community College	Bellingham	10364	2,377	0

1/ Data not available for FY1997-98, therefore, the institution is not listed in the peer group comparison tables.

Source: Research Associates of Washington.

APPENDIX H TERMS AND DEFINITIONS

Benchmark, Peer Groups: The terms “benchmark” and “peer” are used to differentiate between the comparative groups developed internally at the University of Hawai‘i and by the National Center for Higher Education Management Systems (NCHEMS). In particular, the **benchmark** group reflects input from the campus executives. The list of benchmarks for the UH Community Colleges (UHCC) were developed with input from the Chancellor’s offices and have evolved and changed over the years.

The institutions included in the **peer** groups for the individual UH Community College campuses were developed by Dennis Jones at NCHEMS. NCEHMS Information Services provide a Comparison Group Selection Service, and we contracted with them to develop comparative groups for each UH campus. NCHEMS uses an indicator database containing variables covering institutional characteristics, faculty, finance, degrees awarded, enrollments, and other data. Professional judgment was also involved in this selection process. (Source: UH Office of Planning & Police, August 1994.)

Effective April 1998, peer groups for the individual campuses were updated by NCHEMS, therefore, beginning fiscal year 1995-96, data for each campus were compared against its new peer group.

Systemwide Revenues & Expenditures: Systemwide revenues and expenditures refer to revenues and expenditures of University of Hawai‘i system offices. Systemwide revenues were apportioned by Level IV program according to each campus’ share of the total revenues for each program. Systemwide expenditures were apportioned by Level IV program according to each campus’s share of the total expenditures for each program.

Total Revenues: Total revenues are calculated by summing revenues for three items: *tuition and fees, state appropriations, and private gifts, contracts and endowment income*. Although tuition revenues from FY 1992-93 to FY 1994-95 were returned to the State of Hawai‘i general fund for all the University of Hawai‘i campuses, they are included in this report under tuition and fee revenues for comparative purposes

Total Expenditures: Total expenditures are calculated by summing expenditures for *instruction, student services, academic support, institutional support, operations and maintenance, funded research, public services and student aid*.

Higher Education Price Index (HEPI): The HEPI measures the average relative level in the prices of a fixed market basket of goods and services purchased by colleges and universities through current fund educational and general expenditures excluding expenditures for research. (Source: Inflation Measures for Schools, Colleges and Libraries, Research Associates of Washington, 1995 Update, page 21.)

The following definitions were provided by Research Associates of Washington and has been updated for FY 1997-98:

FTE Fall Enrollment: Full-time-equivalent (FTE) enrollment is the sum of the fall count of full-time students (those whose academic load of course work or other required activity is at least 75 percent of the institution's normal full-time load) plus one-third of the fall part-time student count.

Percent Graduate Students: Ratio of graduate enrollment to total headcount enrollment.

Tuition and Fees: All tuition and fees (including student activity fees) assessed against students for education purposes. This category reports *gross* tuition revenues including any portion paid through receipt of student aid from all sources including institutionally administered financial aid.

State and Local Government Appropriations: Includes all state and local government monies received for current operating expenses including student financial aid except grants and contracts and appropriations for hospitals. Tuition and fees revenues remitted to the state and then returned to the institution are excluded.

Private Gifts, Contracts and Endowment Income: Revenues for current operations including student financial aid from private donors, revenues from private contracts for which specific goods and services are provided, and income from endowments. Excluded are gifts, grants, contracts, and endowment income for hospitals.

Instruction: Instruction includes all expenditures for the teaching function including departmental administration, and research and public service that are not separately budgeted.

Student Services: Student services includes funds for recruitment, admissions, registrar activities, and activities whose primary purpose is to contribute to the well-being of students and to their development outside the context of the formal instructional program.

Academic Support: Academic support includes all expenditures for support services integral to the mission of instruction, research, and public service. It includes expenditures for libraries. Expenditures for academic administration where the primary function is administration (e.g., academic deans) are included here.

Libraries: Libraries, a subset of Academic Support, includes expenditures for organized activities that directly support the operation of a cataloged or otherwise classified collection of published material. The Libraries entry includes expenses for the purchase of books and all forms of collected communications.

Institutional Support: Institutional support includes expenditures for the day-to-day operational support of the entire institution, excluding expenditures for physical plant operations. Includes general administrative services, executive direction and planning, legal, data processing, space management, employee personnel, public relations, campus security, etc.

Operation and Maintenance of Plant: All expenditures to provide services and maintenance related to grounds and facilities.

Funded Research: Separately budgeted funds expended for research specifically organized for the commissioned purpose. Excluded are discretionary expenditures for departmental research.

Public Service: Funds expended for activities that are primarily to provide non-instructional services that are beneficial to individuals and groups external to the institution.

Student Financial Aid (Scholarships and Fellowships): Scholarships, fellowships, outright grants, trainee stipends, prizes, and awards to individuals enrolled in formal course work, either for credit or non-credit. Aid to students in the form of tuition or fees remissions should be included. Pell grants are reported as federal allotment and not in this category.

Estimated Full Instructional Expenditures: Full instruction expenditures (unadjusted) equal expenditures for instruction and student services plus a prorated share of associated support expenditures.

Support expenditures consists of expenditures for academic support, institutional support and plant operation and maintenance. *Primary expenditures* consist of expenditures for instruction, student services, organized research and public service.

Support expenditures are allocated to primary expenditures by the ratio of the two amounts (academic support + institutional support + plant) / (instruction + student services + research + public service). Thus, full instruction expenditures (unadjusted) equal (instruction + student services) x (1.0 + allocation %).

Higher Education Wage Index (HEWI): This index reports geographic wage differentials generally practiced in the labor market for college and university faculty and staff. The index is used to adjust institutional expenditures to equivalent purchasing (hiring) power.

Medical adjustment factor: This adjustment is used to delete the exceptionally high costs of medical programs from full instruction expenditures. *Note this figure is not shown in the tables.*

Adjusted Full Instructional Expenditures: To establish comparability, the *estimated full instructional expenditure* is multiplied by the medical adjustment factor and divided by the Higher Education Wage Index (HEWI).

Norm of Full Instructional Expenditures (HEWI adjusted): The normative value of full instructional expenditures per student at a given enrollment level as indicated by a constructed central tendency line on a scatter diagram for institutions in a given benchmark or peer group.

Deviation from Norm: This deviation reports the percentage by which the real purchasing power of an institution's full instruction expenditures per FTE student exceeds or is less than the norm for the subject institution's comparative group and enrollment level.