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## Terminal Talk - The Wofford Connection - September 1977

Wofford College Computer Center

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# TERMINAL FILE

-THE WOFFORD CONNECTION-

Wofford College Computer Center

Spartanburg, South Carolina

September 1977

Issue No. 50

## USAGE REPORT

Category	CPU Seconds		No. of Connect Minutes	
	1976	1977	1976	1977
Computer Science	122,485	803,203	74,999	117,038
Physics	18,500	1,137,960	8,515	41,480
Chemistry	91,661	267,495	32,489	50,787
Math	27,946	8,446	9,839	3,182
Biology	4,317	8,359	1,826	3,136
Psychology	13,132	26,199	8,304	14,783
Social Science	1,113	9,578	478	3,360
Research & Administration	7,631	9,111	1,432	1,851
Arts & Humanities	1,988	18,413	400	<del>1,376</del>
Economics and Accounting	23,054	18,993	8,257	8,064
Computer Center	149,891	174,725	63,358	69,550
Games	121,987	178,303	62,888	96,559
Other	1,047,030	309,265	68,389	100,276
Totals	1,630,830	2,975,050	340,895	509,466
Percentage change		+82%		+49%

The table above presents a comparison of terminal usage figures for the periods September 1976 through August 1977 and September 1975 through August 1976. Usage figures, based on connect minutes, are up 49% over the previous year. The categories, computer science, physics, chemistry, psychology, humanities, and games showed a significant increase in usage. The number of individuals holding accounts was about 500, an increase of 60% over the previous year.

### USER DISTRIBUTION

The table below gives the number of graduates in the classes of 1976 and 1977 who possessed account numbers for the use of the computer. As expected, a higher proportion of B.S. candidates had accounts than B.A. candidates. It should be noted that sixty percent of the graduates of the class of 1977 had account numbers.

	1977			1976		
	B.A.	B.S.	ALL	B.A.	B.S.	ALL
Total graduates	145	67	212	152	63	215
with user accounts	70	57	127	62	38	100
% with accounts	48%	85%	60%	41%	60%	47%

### FINANCIAL REPORT, September 1976 through August 1977

#### Category

Hardware/Software Acquisitions	\$ 8,130
Service Contracts	7,334
Other Maintenance	341
Supplies	555
Assistants	1,750
Other & Taxes	940
Subtotal	19,050
Overhead (25%)	4,808
Total	\$23,858

Based on the budget above, cost per connect hour was \$2.81. This is a decrease of sixty-one cents per connect hour when compared to the cost/hour for the previous year.

### NEW HARDWARE

The continued growth of systems usage and an increase in the program library have dictated two major hardware additions. These were completed in August.

To meet the demand for extra memory due to the expanded monitor for V6B and to reduce the swapping load placed on the system by additional usage, new main memory has been added. An expansion box containing 32K words of semiconductor memory, made by Monolithic Systems, was added to the system. This brings the total main memory to 80K words and places us in a position to implement relatively inexpensive future additions.

Since the program library had outgrown the available disk storage space and further programs are being acquired or developed, a new disk drive was also added in August. This unit, a Plessey 2.5 megaword dual disk drive, brings our total disk storage capacity to 5 megawords. The decision to purchase this relatively small drive was made only after the second failure to obtain N.S.F. funding of a larger unit which would have met expansion needs for some time to come.