

Where did the 1998 B.Sc. - Physics graduates go ?

I. Introduction

The information contained in this paper is extracted from the Graduate Employment Survey of 1998 to answer the following questions about Bachelor of Science graduates with major in Physics : -

- How were they employed six months after graduation ?
- Of those who pursued further studies, what programmes did they follow ?
- Of those who were employed full-time, how long did it take them to secure their first job offer ?
- In which sector were they employed ?
- How much did they receive in salary ?
- How many job offers did they receive ?
- Who were their employers and what were their job titles ?

II. Employment Situation in 1998

Of the 38 respondents who majored in Physics, 53% (or 20 graduates) were in full-time employment within six months of graduation. 29% (or 11 graduates) went on for further studies. Another 13% (or 5 graduates) were still seeking full-time employment at the time of the survey. (Table 1)

	B.Sc. - Physics						HKU Overall*									
	Total		Male		Female											
	'98	'97	'98	'97	'98	'97	'98	'97	'98	'97						
	No.	%	No.	%	No.	%	No.	%	No.	%						
<i>No. of respondents</i>	38	100	38	100	25	100	30	100	13	100	8	100	2383	100	2272	100
<i>F/T employed</i>	20	52.6	25	65.8	12	48.0	20	66.7	8	61.5	5	62.5	1701	71.4	1829	80.5
<i>P/T employed seeking F/T job</i>	0	0	1	2.6	0	0	1	3.3	0	0	0	0	94	3.9	37	1.6
<i>Unemployed seeking F/T job</i>	5	13.2	1	2.6	3	12.0	1	3.3	2	15.4	0	0	157	6.6	53	2.3
<i>Further studies</i>	11	28.9	11	28.9	8	32.0	8	26.7	3	23.1	3	37.5	413	17.3	339	14.9
<i>Emigration/home country</i>	0	0	0	0	0	0	0	0	0	0	0	0	3	0.1	4	0.2
<i>Not seeking F/T job</i>	2	5.3	0	0	2	8.0	0	0	0	0	0	0	15	0.6	10	0.4

Table 1. Employment situation

* HKU overall refers to the figure for the total HKU population and includes M.B.,B.S. and B.D.S. graduates

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III. Further Studies

Of the eleven graduates who pursued postgraduate studies, six studied science, two studied medical science and one each studied computer science, quantity surveying and education. Table 2 shows the academic programmes pursued & Table 3 shows the source of finance.

Fields of Study	Academic Programmes			
	M.Phil.	Master (Coursework)	Postgraduate Certificate	Others
Science	4	1		1
Medical Science	2			
Computer Science		1		
Quantity Surveying/Surveying			1	
Education			1	

Table 2. Academic programmes

Source of Finance	No. of Graduates
Own Funds	4
Teaching Assistantship/Studentship	4
Scholarship & Teaching Assistantship/Studentship	3

Table 3. Source of finance for further studies

IV. Time Taken to Secure Employment

Among those graduates who were in full-time employment, 70% secured their first job offer before the end of September. The figure increased to 100% by the end of December. (Figure 1)

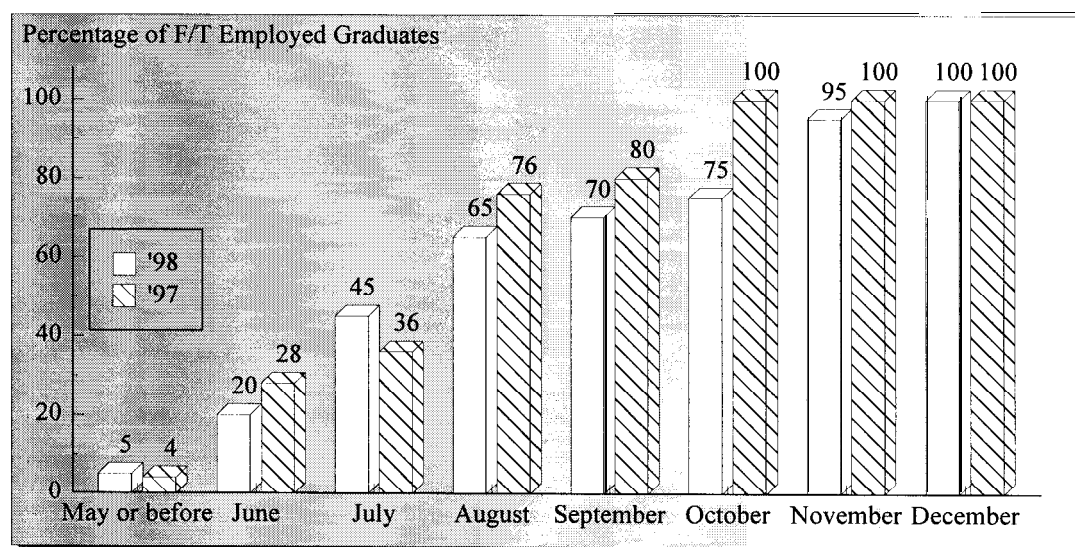


Figure 1. Time taken to secure employment

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V. Employment Sectors

90% (or 18 graduates) of the Physics graduates were employed in commerce & industry and 10% (or 2 graduates) joined the civil service. (Figures 2 & 3)

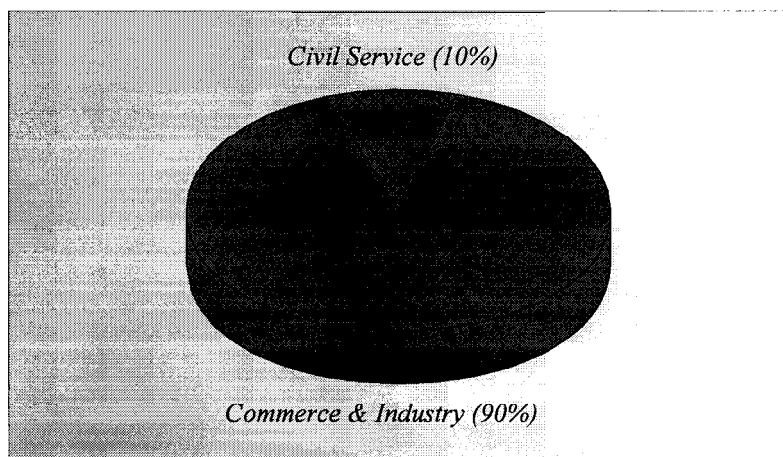


Figure 2. Employment sectors

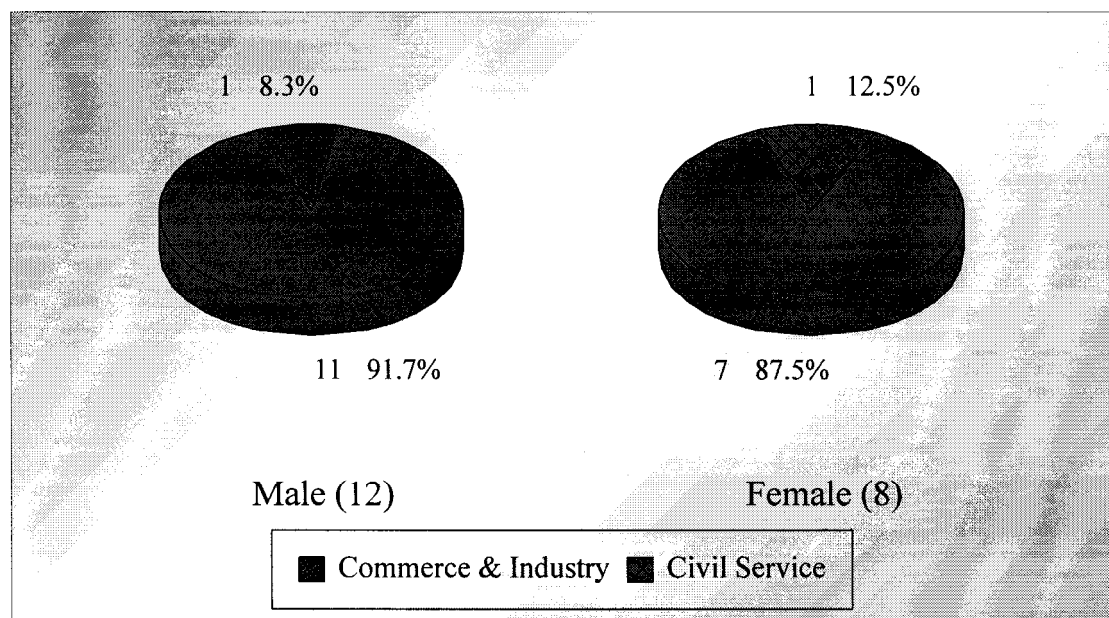


Figure 3. Employment sectors by sex

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VI. Basic Salary and Gross Income

The remuneration received by the Physics graduates is shown in Table 4.

	<i>Basic Salary</i>				<i>Gross Income</i>			
	B.Sc. - Physics		HKU Average*		B.Sc. - Physics		HKU Average*	
	'98	'97	'98	'97	'98	'97	'98	'97
Mean	\$10,409	\$10,945	\$15,496	\$15,749	\$11,658	\$13,298	\$16,557	\$17,552
Median	\$9,000	\$10,500	\$12,300	\$12,500	\$10,833	\$12,042	\$13,325	\$14,521
Minimum	\$6,000	\$5,000	\$1,000	\$4,400	\$8,000	\$9,750	\$5,000	\$5,000
Maximum	\$22,075	\$20,860	\$58,000	\$59,000	\$22,075	\$20,860	\$59,000	\$74,000

Table 4. Basic salary and gross income

* HKU average refers to the figure for the total HKU population and includes M.B., B.S. and B.D.S. graduates.

VII. Number of Full-Time Job Offers

Of those in full-time employment, 70% of the graduates had more than one job offer. 35% reported having received three to five job offers. (Figure 4)

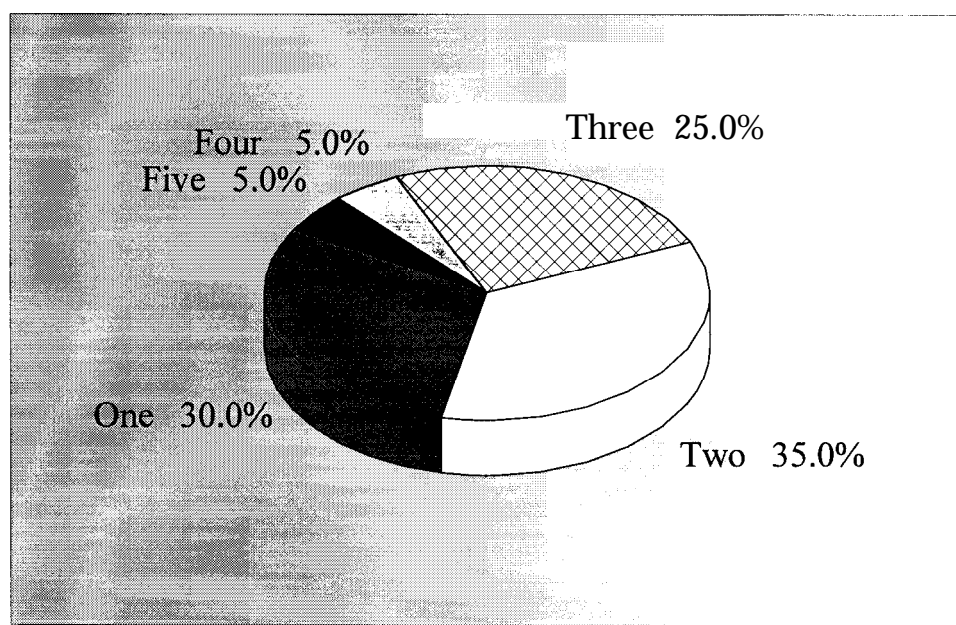


Figure 4. No. of full-time job offers

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VIII. Names of Employers and Job Titles

The job titles of the Physics graduates in full-time employment and the names of their employers are listed below.

<u><i>Employers :</i></u>	<u><i>Job Titles :</i></u>
CIVIL SERVICE -	
. HKSAR - Fire Services Department	. Senior Fire Officer
. HKSAR - Lands Department	. Executive Officer
COMMERCE & INDUSTRY -	
. Artist Empire Jewellery Manufactory Co	. Assistant Export Executive
. AT1 Technologies (HK) Inc	. Network Specialist
. Autodesk (Far East) Ltd	. Technical Support Engineer
. Denetron International (HK) Ltd	. Sales Engineer
. Golden Mart Industrial Ltd	. Sales Engineer
. Kim Shing Construction Co Ltd	. Assistant Quantity Surveyor
. Kyoei Denki (HK) Ltd	. Marketing Executive
. Oasis Consultant Co Ltd	. Account Executive
. Oriental Daily Press Group	. Programmer
. Prudential Assurance Co Ltd	. Insurance Consultant
. Sin Hua Bank	. Junior Programmer
. Sybase (HK) Ltd	. Associate IT Specialist
. Vanda Group	. Associate System Engineer
. Wah Ming Hong	• Quality Control Supervisor
. Yeebo LCD Ltd	. Customer Service Officer
. Organization's name not reported	. Account Executive
. Organization's name not reported	. Marketing Officer
. Organization's name not reported	. Merchandiser

Table 5. List of employers and job titles

Note : Some alumni have indicated willingness to talk to individual students about their work. Their contact telephone number can be obtained from counsellors at CEPC.

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- IX.** Similar information on graduates from other disciplines of study is available for reference in the Careers Library. Please enquire with the CEPC.

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The analysis is based on information provided by the respondents, and the Careers Education & Placement Centre should not be held responsible for any errors arising therefrom.

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