

## CHAPTER 2

### STUDENT NUMBERS

Clearly, it is difficult to produce precise statistics for student numbers across member organisations. However, the table below provides a view of undergraduate numbers for civil engineering courses across member countries and also gives an indication of how many students finally succeed in graduating with a civil engineering degree that will enable them to enter the profession.

Members were asked the following two questions:

*Question 2.1 How many civil engineering students start in one year?*

*Question 2.2 How many civil engineering students graduate in one year?*

A further annexe supplied by Hungary indicates the regional variations in student numbers that may occur in any one country across universities. In Hungary there is a clear concentration of students in the technical university located in the capital city, Budapest.

<b>COUNTRY</b>	<i>Question 2.1</i> <b>How many civil engineering students start in one year?</b>	<i>Question 2.2</i> <b>How many civil engineering students graduate in one year?</b>
<b>Croatia</b>	About 700 students enrolled in Croatian Faculties of Civil Engineering in 2003. The figures are similar for technical high schools.	In 2003 approximately 200 students graduated from these Faculties. Again, the figures are similar for technical high schools.
<b>Cyprus</b>	At present the University of Cyprus offers only 25 places each year for civil engineering. There are no records of the number of civil engineering students that commence studies each year. The only existing records from the Government Statistics Service, is the total number of students studying civil engineering and architecture in any year, for all years of study. This number was 660 for the year 2001-2002.	The number of civil engineers who registered with the Technical Chamber of Cyprus was 50, 49 and 68 for the years 2003, 2002 and 2001 respectively. This gives an indication of the number of students graduating each year. There are, however, students who stay to work abroad after graduation.
<b>Czech Rep</b>	3,000 approximately	2,000 graduate
<b>Estonia</b>	Around 400-600 students commence civil engineering students each year.	170-195 graduate in one year
<b>Finland</b>	New students: 220 each year.	Students graduating 110 each year.
<b>France</b>	<i>Are figures available for those who commence.</i>	A rough evaluation of Engineers recognized as "Ingénieurs Diplômés de l'Ecole" every year in Civil Engineering is 1700 (Including Civil Engineer Diplomas delivered to Civil Servants, around 220).

<b>Germany</b>	Total number in 2002: 6,100 (65.5% Fachhochschule, 28% University, 6.5% Gesamthochschule)	Total number in 2002: 5,700 (60.5% Fachhochschule, 34% University, 5.5% Gesamthochschule)
<b>Greece</b>		
<b>Hungary</b>	730 (see Annexe for break-down)	550
<b>Ireland</b>	All disciplines Graduates 1,700,	Certificates and Diplomas 1,700 per annum (Figure from 2003)
<b>Italy</b>	In the academic year 2002-2003 38,765 students matriculated in the 'laurea' courses of the Italian Engineering Faculties, 9.367 of which (24.2% of the total) were in the civil and environmental sector.	In the calendar year 2002, 6.003 Engineers graduated at the three-year courses, (947 of which in the civil and environmental sector – 15.8%) and 19.283 at the five-year courses (5.430 of which in the civil and environmental sector– 28.1%).
<b>Lithuania</b>	Will be submitted later	
<b>Poland</b>	8,000 - 10,000 civil engineering students start in one year.	Around 5,000 – 6,000 civil engineering students graduate in one year.
<b>Portugal</b>	Around 2,000 for the 5-year courses and around 400 for the 3-year courses.	Around 50%.
<b>Romania</b>	About 1,800 civil engineering students commence their studies in one year.	About 1,200 civil engineering students graduate in one year.
<b>Russia</b>		
<b>Slovak Rep.</b>	There are 3 Civil Engineering faculties in Slovakia: In Bratislava 1000, In Košice 420, In Žilina 300 Total students in Slovak Republic in one year 1720.	In Bratislava 520, In Košice 140, In Žilina 130 Total students in Slovak Republic in one year 790.
<b>Slovenia</b>		
<b>Spain</b>		
<b>Turkey</b>	There are 46 Civil Engineering departments in universities of Turkey presently. 70-100 students start average per department each year. Thus, an approximate number of 3,500 students commence undergraduate education every year.	The graduate numbers are approximately 60-80 students per department as an average, which leads to an average of 3,000 graduated students each year.
<b>United Kingdom</b>	In 2001, the total number of students accepted to courses in engineering and technology was 15,452.	In 2001, the number of students graduating with a degree in engineering and technology was 19,800.

**STUDENT NUMBERS:  
SUPPLEMENTARY INFORMATION FROM HUNGARY**

The principal universities for studying civil engineering in Hungary are Budapest University of Technology and Economics, Faculty of Civil Engineering; Széchenyi István University (Győr), Faculty of Building and Environmental Engineering, The Technical College of Budapest and the Univeristy of Pécs, Polláck Mihály Faculty of Engineering.

<i>Budapest Technical University</i>		330 engineers start on average in one year	250 graduate in one year.
<i>Győr University</i>	From 2002	30 engineers per year	
<i>Pecs JPT Pollach College</i>	From 2003	30 engineers per year	
<i>Other</i>		15 engineers per year	

Three years college education	
<i>Ybl Miklós College Budapest</i>	80 + 100 (in distance learning system)
<i>Győr University</i>	55
<i>Pécs Pollack College</i>	60
<i>Debrecen University</i>	29