**The Percentage of Former EPI Students at USC at Undergraduate Level**

The purpose of this report is to present descriptive statistics showing the proportion of former EPI students out of the group of undergraduate international students who are currently enrolled for the 2012 fall semester at USC.

The total number of undergraduate international students attending USC for the 2012 fall semester is 394, 87 of whom are exchange students. The number of former EPI students who are currently enrolled for fall 2012 is 146, constituting 37% of the total number of undergraduate international students as illustrated in Figure 1 below.

 Figure 1.1 *The representations of USC undergraduate students by status (Fall 2012)*

Carving out the exchange students, who enroll in USC for very different reasons than the other students do, we can see that former EPI students represent 48% of the remaining undergraduate international students as shown in Figure 1.2. In other words, almost half of the non-exchange undergraduate students who are currently enrolled at USC are former EPI students.

Figure 1.2 *The proportion of former EPI students in non-exchange USC undergraduate population*

 A comparison of fall 2012 and spring 2012 semesters in terms of the enrollment rates reveals that the number of former EPI students enrolled in USC in fall 2012 is 7.4 percent higher than the number (136 or + 10) of students enrolled in spring 2012 as shown in Table 1.

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| Table 1*The number of USC undergraduate international students from EPI in fall 2012* |
|  **Sources** |  **Fall 2012** |
| **Number** | **Percentage** |
| Former EPI students | 146 | 37 % of total |
| Non-former EPI student | 161 | 41 % of total |
| Exchange | 87 | 22 % of total |
| **Total** | **394** | **100 %** |

A closer look at the representation of students by countries shows that, of 146 students enrolled in fall 2012, 94 students come from China constituting 64% of the population. The next most highly represented group of students come from Saudi Arabia with a percentage of 14 as Table 3 and Figure 2 below demonstrate.

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| Table 2 *Percentages of former EPI students by country of origin* |
| **Country of Origin** | **Number of students** | **Percentage** |
| China | 94 | 64 % |
| Saudi Arabia | 21 | 14 % |
| Oman | 17 | 12% |
| Equatorial Guinea | 5 | 3% |
| Kuwait | 1 | 1% |
| Korean Republic (of South) | 3 | 2% |
| Gaza Strip (Israel) | 1 | 1% |
| Venezuela  | 2 | 1% |
| Thailand | 1 | 1% |
| Taiwan  | 1 | 1% |
| **TOTAL** | **146** | **100%** |

Figure 2 *Percentage of former EPI students enrolled at USC by country of origin*

\*For countries listed under `others`, see Table 2.

In order to calculate the average of former EPI students’ GPA scores, 20 out of 146 students were excluded from the analysis since they did not have a GPA score on file as of fall 2012. The average GPA score from 126 former EPI students was 3.30. Compared to the average GPA of 3.23 obtained from 140 students in spring 2010, there was a little increase in GPA by .07 points as summarized in Table 3.

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| Table 3 *Former EPI students’ average GPA from spring 2010 and fall 2012* |
| **Term Enrolled**  | **GPA** |
| Fall 2012 | 3.30 (n=126) |
| Spring 2010 | 3.23 (n=140) |
| Average Difference | .07 |

In order to better evaluate the country effects on the GPA average for fall 2012, a breakdown of students by country and their GPAs are shown in Table 4. As is shown, students coming from Saudi Arabia had a relatively low GPA on average (2.79/4) compared to the rest of the students in the population.

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| Table 4 *Former EPI students’ average GPA as of fall 2012, listed by country of origin* |
|  **Fall 2012** |
| **Country of Origin** | **Number of students** | **Percentage** | **GPA** |
| China | 84 | 67 % | 3.388 |
| Saudi Arabia | 18 | 14 % | 2.791 |
| Oman | 10 | 8 % | 3.406 |
| Equatorial Guinea**,** KuwaitKorean Republic (of South)Gaza Strip (Israel)**,** Venezuela, Thailand, Taiwan | 14 | 11% |  3.420 |
|  | **126** | **100%** | **3.2512** |
|  |  Total | Total | Average  |

Carving out the group of students from Saudi Arabia, we can see the overall GPA of the population goes up by .15 points (3.25 🡪 3.40), suggesting that there are country effects in the calculation of GPA for former EPI student population enrolled in fall 2012.

Furthermore, a breakdown of the former EPI student population by colleges (regardless of the availability of their GPA) shows that School of Business (82 students) followed by College of Engineering & Computing (36) are the most highly preferred colleges, constituting 56% and 46%, respectively. Table 5 and Figure 2 provide a comprehensive picture of students’ distribution by colleges.

Table 5

 *Former EPI students by colleges*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **COLLEGES** | **CHINA** | **SAUDI ARABIA** | **OMAN** | **OTHERS\*** | **Grand Total** | **Percentage** |
| SCHOOL OF BUSINESS  | 70 | 2 | 6 | 4 | 82 | 56% |
| ENGINEERING&COMPUTING  | 7 | 13 | 10 | 6 | 36 | 24% |
| ARTS & SCIENCES  | 6 | 3 |  | 1 | 10 | 7% |
| HSPTLTY RTL SPRT MGMT  | 6 | 3 | 1 |  | 10 | 7% |
| PUBLIC HEALTH  | 1 |  |  | 1 | 2 | 1% |
| SCHOOL OF MUSIC  | 2 |  |  |  | 2 | 1% |
| EDUCATION  | 1 |  |  |  | 1 | 1% |
| MASS COMM & INFO STUD  | 1 |  |  |  | 1 | 1% |
| NURSING  |  |  |  | 1 | 1 | 1% |
| SC COLLEGE OF PHARMACY  |  |  |  | 1 | 1 | 1% |
| **Grand Total** | **94** | **21** | **17** | **14** |  **146** |  **100%** |

\*Other countries include Equatorial Guinea (5), Gaza Strip (Israel) (1), Korean Republic of (South) (3), Kuwait (1), Taiwan (Republic of China) (1), Thailand (1), and Venezuela (2)

Figure 3 *Percentage of former EPI students by colleges*

 The School of Business has the biggest share (56%) of former EPI student enrollment as shown in Table 5 and Figure 3. A closer analysis of colleges would give us the majors in which students have higher percentage of enrollment. To begin with, a breakdown of majors in the School of Business by student enrollment is given in Table 6 and Figure 4 below:

Table 6

*EPI student enrollments by countries and majors at the School of Business (Fall 2012)*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| SCHOOL OF BUSINESS | **CHINA** | **SAUDI ARABIA** | **OMAN** | **OTHERS\*** | **Grand Total** | **Percentage** |
| FINANCE | 26 |  | 1 | 1 |  28 | 34 %  |
| ACCOUNTING | 5 |  |  |  |  5 |  6 % |
| INTERNATIONAL BUSINESS | 5 |  |  |  |  5 |  6 % |
| MANAGEMENT SCIENCE | 4 |  |  | 1 |  5 |  6 % |
| MANAGEMENT | 4 |  |  |  |  4 |  5 % |
| BUSINESS ECONOMICS | 2 |  |  |  |  2 |  3 % |
| MARKETING | 1 |  |  |  |  1 |  1 %  |
| INSUR & RISK MNGMENT |  | 1 |   |  |  1 |  1 %  |
| CONDITIONAL\* | 9 | 1 | 5 | 1 |  16 | 20 %  |
| NO MAJOR\* | 14 |  |  | 1 |  15 | 18 %  |
| **Grand Total** | **70** | **2** | **6** | **4** |  **82** |  **100%** |
| **Percentage by Countries** | **85%** | **3%** | **7%** | **5%** |  |  **100%** |

\*Conditional/No major means there is no information on majors due to some program internal regulations (Source: International Student Services)

Figure 4 *EPI student enrollments by majors in the School of Business (Fall 2012)*

Table 6 and Figure 4 reveal some interesting findings about the enrollment rates as well as countries former EPI students come from. They show that 70 out of 82 students at the School of Business are from China (85%). Finance is the major which currently holds the highest enrollment rates of former EPI students as of fall 2012, constituting 34% of the majors reported in the School of Business. It should also be pointed out that `conditional` and `no major` categories combined add up to 38% of total enrollment, indicating that these 31 students have been admitted to the School of Business but have not yet decided and/or reported their majors as allowed by their departments. As the students in these two categories form a high proportion of the population, further examination of the breakdown of majors in this group, once available, would provide valuable input. In terms of former EPI student enrollment, other highly ranked majors following Finance are Accounting, International Business, Management Sciences and Management.

 The school with the second highest enrollment rate (36🡪24%) by former EPI students is the College of Engineering and Computing. The representation of majors by students is summarized in Table 7 and Figure 5 below.

Table 7

*EPI student enrollments by countries and majors in the College of Engineering and Computing (Fall 2012)*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLLEGE OF ENGINEERING AND COMPUTING | **CHINA** | **SAUDI ARABIA** | **OMAN** | **OTHERS\*\*** | **Grand** **Total** | **Percentage** |
| MECHANICAL ENGINEERING | 2 | 6 | 4 | 3 |  **15** | 42 %  |
| CHEMICAL ENGINEERING |  | 4 | 2 | 1 |  **7** | 19 %  |
| CIVIL ENGINEERING | 1 | 1 | 3 |  |  **5**  | 14 %  |
| ELECTRICAL ENGINEERING |  | 2 | 1 |  |  **3**  |  8 %  |
| COMPUTER ENGINEERING  | 1 |  |  | 1 |  **2**  |  5 %  |
| COMPUTER SCIENCE |  2 |  |  |  |  **2**  |  6 %  |
| COMPUTER INFO SYSTEMS | 1 |  |  |  |  **1**  |  3 %  |
| CONDITIONAL\* |  |  |  | 1 |  **1** |  3 %  |
| **Grand Total** | **7** | **13** | **10** | **6** |  **36** | **100%** |
| **Percentage by Countries** | **19%** | **38%** | **28%** | **17%** |  | **100%** |

\*Conditional/No major means there is no information on majors due to some program internal regulations (Source: International Student Services)

\*\*Other countries include Equatorial Guinea (5), Gaza Strip (Israel) (1), Korean Republic of (South) (3), Kuwait (1), Taiwan (Republic of China) (1), Thailand (1), and Venezuela (2)

 Former EPI students from Saudi Arabia (13🡪38%) followed by students from Oman (10🡪 28%) have the highest representation in the College of Engineering and Computing. Compared to the high percentage of Chinese students in the School of Business, their low representation (7🡪19%) in the College of Engineering and Computing is interesting. Overall, the enrollment rate for former EPI students in the College of Engineering and Computing is less than half (36) of the students enrolled in the School of Business. This shows that although having the second highest representation rate, their enrollment rates in College of Engineering are by no means close to enrollment rates in the School of Business.

Figure 5 *EPI student enrollments by majors in the College of Engineering and Computing (Fall 2012)*

 In the College of Engineering and Computing, Mechanical Engineering major has the highest enrollment rate (15🡪42%) by former EPI students, followed by Chemical (7🡪19%) and Civil Engineering (5🡪14%) majors. On the other hand, Electrical Engineering, Computer Engineering, Computer Info Systems, and Computer Sciences hold relatively low enrollment rates by former EPI students.

 As presented earlier in Table 5, the School of Business (56%) followed by the College of Engineering and Computing (24%) has the biggest share in their representation of former EPI students in the overall population. The remaining 38 % of the students were distributed among various faculties and schools as listed in Table 5 and Figure 3. A breakdown of majors having relatively low enrollment rates of former EPI students are listed in Table 8 below:

Table 8

*Percentages of majors with lower overall enrollment rates by former EPI students*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| MAJORS  | **CHINA** | **SAUDI ARABIA** | **OMAN** | **OTHERS\*** | **Grand** **Total** | **Percentage** |
| HOSPITALITY MANAGEMENT | 3 |  1 |  | 1 | **5** | 16 %  |
| INTERNATIONAL BUSINESS | 5 |  |  |  | **5** | 16 %  |
| INTEGRATED INFO TECH | 1 | 1 | 1 | 1 | **4** | 13 %  |
| BIOLOGICAL SCIENCES |  1 | 1 |  |  | **2**  |  6 % |
| ECONOMICS | 1 | 1 |  |  | **2** |  6 % |
| MUSIC | 2 |  |  |  | **2** |  6 % |
| PUBLIC HEALTH | 2 |  |  |  | **2** |  6 % |
| ART STUDIO | 1 |  |  |  | **1** |  3 % |
| CHEMISTRY |  |  |  |  1 | **1** |  3 % |
| EXPERIMENTAL PSYCHOLOGY | 1 |  |  |  | **1** |  3 % |
| JOURNALISM | 1 |  |  |  | **1** |  3 % |
| MATHEMATICS | 1 |  |  |  | **1** |  3 % |
| MIDDLE LEVEL EDUCATION | 1 |  |  |  | **1** |  3 % |
| NURSING | 1 |  |  |  | **1** |  3 % |
| PHARMACY |  |  | 1 |  | **1** |  3 % |
| POLITICAL SCIENCE |  |  | 1 |  | **1** |  3 % |
| RETAILING |  | 1 |  |  | **1** |  3 % |
| **Grand Total** | **21** | **5** | **3** |  **3** | **32**  | **100%** |
| **Percentage by Countries** | **66%** | **16 %** | **9%** | **9%** |  | **100%** |

\*Other countries include Equatorial Guinea (5), Gaza Strip (Israel) (1), Korean Republic of (South) (3), Kuwait (1), Taiwan (Republic of China) (1), Thailand (1), and Venezuela (2)

 As seen in Table 8, students from China are the most highly represented group of students followed by the Saudi Arabian students. Table 8 also reveals that the representation of students in colleges other than School of Business and College of Engineering and Computing is relatively low; however, the number of students enrolled in certain majors in Table 8 is still as high as some departments in the colleges where we see overall high enrollment. In other words, although the majors listed in Table 8 belong to the colleges with high enrollment of former EPI students, some of them do have enrollment rates comparable to some majors in the School of Business and the College of Engineering and Computing. Therefore, their potential to attract students should not be underestimated.