

## POLYTECHNIC GRADUATES SAW HIGHER SALARIES IN 2015

*Singapore, January 2016* – The Graduate Employment Survey, jointly conducted by the five polytechnics in 2015, showed that polytechnic graduates in full-time permanent<sup>1</sup> employment earned higher gross monthly salaries in 2015 as compared to 2014.

The 2015 Survey showed that polytechnic graduates continue to have healthy overall employment rates<sup>2</sup>, similar to those who graduated in 2014. The overall employment rate in 2015 remained high at 88.9% for fresh graduates, and 91.5% for post-National Service (NS) graduates.

### **Fresh Graduates**

10,513 out of 13,945 fresh graduates took part in the 2015 survey, where they were asked to respond on their employment status as at 1 Oct 2015, around six months after the completion of their final examinations.

88.9% of the respondents who were in the labour force (i.e. those who are working and those who are not working but are actively looking and available for job) found employment within the first 6 months, compared to 89.2% in 2014. 57.9% of the respondents in the labour force secured full-time permanent employment, compared to 59.4% in 2014. 31.0% were in part-time/temporary employment, compared to 29.8% in 2014, with a majority doing so because they were pursuing or preparing to commence further studies (see **Appendix I: Figure 1**).

The median gross monthly salary among respondents who were fresh graduates in full-time permanent employment was \$2,100, up 5.0% from \$2,000 in 2014 (see **Appendix I: Figure 2**).

### **Post-National Service Graduates**

4,876 out of 8,995 graduates from 2012 who had completed their full-time National Service between 1 Apr 2014 and 31 Mar 2015 also took part in the 2015 survey.

As at 1 Oct 2015, 91.5% of the respondents who were in the labour force found employment, compared to 92.4% in 2014. 70.8% secured full-time permanent employment, compared to 73.0% in 2014. 20.7% were in part-time or temporary employment, compared

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<sup>1</sup> Full-time permanent employment refers to employment of at least 35 hours a week and where the employment is not temporary. It includes those on contracts of one year or more.

<sup>2</sup> The overall employment rate refers to the number of employed graduates as a proportion of graduates in the labour force (i.e. those who were working or not working but actively looking and available for work).

to 19.3% in 2014, with a majority indicating that they did so because they were pursuing or preparing to commence further studies (see **Appendix I: Figure 1**).

The median gross monthly salary of respondents who were post-NS graduates in full-time permanent employment was \$2,500, up 4.2% from \$2,400 in 2014 (see **Appendix I: Figure 2**).

### **Gross Monthly Salary by Course Category**

Out of the full-time permanently employed respondents, fresh graduates from the Health Sciences and Built Environment, Engineering & Maritime course categories earned higher median gross monthly salaries compared to their peers. Respondents who were post-NS graduates in full-time permanent employment from the Health Sciences course category earned the highest median monthly gross salary of \$2,610.

| Course Category <sup>3</sup>              | Gross Monthly Salary <sup>4</sup> (SGD) |                |                   |                |
|---|---|----------------|-------------------|----------------|
|   | Fresh Graduates                         |                | Post-NS Graduates |                |
|   | Mean                                    | Median         | Mean              | Median         |
| Applied Sciences                          | \$2,042                                 | \$2,000        | \$2,673           | \$2,338        |
| Built Environment, Engineering & Maritime | \$2,233                                 | \$2,200        | \$2,635           | \$2,500        |
| Business, Management, Design & Others     | \$2,151                                 | \$2,000        | \$2,858           | \$2,500        |
| Health Sciences                           | \$2,379                                 | \$2,350        | \$2,686           | \$2,610        |
| Hybrid Courses                            | \$2,097                                 | \$2,000        | \$2,727           | \$2,300        |
| Information & Digital Technologies        | \$2,163                                 | \$2,000        | \$2,556           | \$2,478        |
| <b>All Courses</b>                        | <b>\$2,196</b>                          | <b>\$2,100</b> | <b>\$2,695</b>    | <b>\$2,500</b> |

**More details of the 2015 survey findings can be found in Appendix I.**

<sup>3</sup> **Appendix II** lists all diploma courses under each course category.

<sup>4</sup> Gross salary comprises the basic salary, fixed allowances, over-time pay and commissions, before deductions of the employee's CPF contributions and personal income tax. Employer's CPF contributions, bonuses, stock options, other lump sum payments, and payments-in-kind are excluded.

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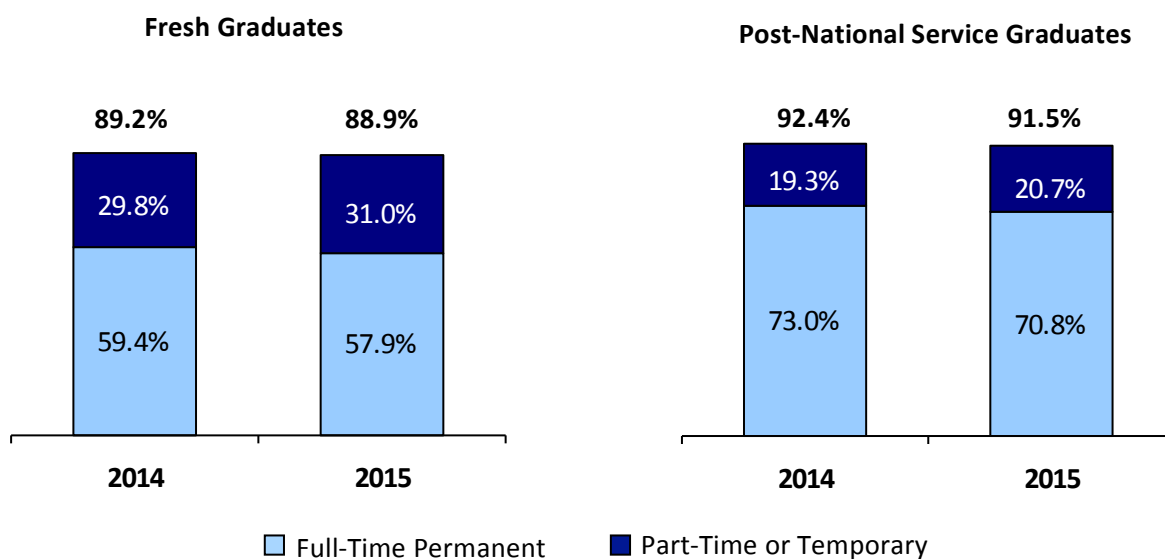
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## APPENDIX I: KEY EMPLOYMENT INDICATORS

**Figure 1: Employment Rate (%)**



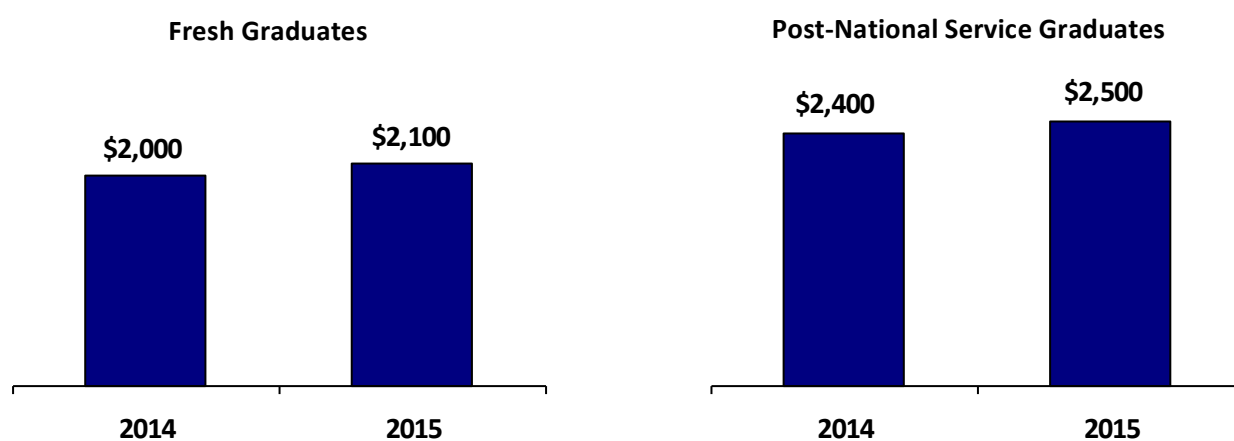
**Note:** Employment rate figures may not add up due to rounding off.

**Full-time Permanent Employment** refers to employment of at least 35 hours a week and where the employment is not temporary. It includes those on contracts of one year or more.

**Part-time Employment** refers to employment of less than 35 hours a week.

**Temporary Employment** refers to casual, interim or seasonal employment, including those on contracts of less than one year.

**Figure 2: Median Gross Monthly Salary (\$) of Respondents in Full-Time Permanent Employment**



**Gross Salary** comprises the basic salary, fixed allowances, over-time pay and commissions, before deductions of the employee's CPF contributions and personal income tax. Employer's CPF contributions, bonuses, stock options, other lump sum payments, and payments-in-kind are excluded.

## APPENDIX II: LIST OF COURSE CATEGORIES & DIPLOMA COURSES SURVEYED

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|---|--|
| <p><b>APPLIED SCIENCES</b><br/>           Applied Chemistry with Pharmaceutical Science; Chemical &amp; Pharmaceutical Technology (NYP,SP)<br/>           Applied Food Science &amp; Nutrition; Food Science; Food Science &amp; Nutrition; Food Science &amp; Technology (NYP,SP,TP)<br/>           Baking &amp; Culinary Science (TP)<br/>           Biologics &amp; Process Technology (NYP)<br/>           Biomedical Lab Technology; Biomedical Science; Biomedical Sciences (NP,RP,SP,TP)<br/>           Biotechnology; Molecular Biotechnology (NYP,NP,RP,SP,TP)<br/>           Chemical &amp; Green Technology (NYP)<br/>           Chemical Process Technology (SP)<br/>           Environmental Science (RP)<br/>           Horticulture &amp; Landscape Management; Landscape Design &amp; Horticulture (NP)<br/>           Materials Science (RP,SP)<br/>           Medicinal Chemistry (NYP)<br/>           Nutrition, Health &amp; Wellness (SP)<br/>           Perfumery &amp; Cosmetic Science (SP)<br/>           Pharmaceutical Science; Pharmaceutical Sciences; Pharmacy Science (NYP,NP,RP,TP)<br/>           Veterinary Bioscience; Veterinary Technology (NP,TP)</p> <p><b>BUILT ENVIRONMENT, ENGINEERING &amp; MARITIME</b><br/>           Aeronautical &amp; Aerospace Technology; Aeronautical Engineering; Aerospace Engineering; Aerospace Technology (NYP,NP,RP,SP,TP)<br/>           Aerospace Avionics; Aerospace Electronics; Aerospace Systems and Management (NYP,NP,RP,SP,TP)<br/>           Architecture (SP)<br/>           Audio-Visual Technology (NP)<br/>           Automation &amp; Mechatronic Systems; Mechatronic Engineering; Mechatronics; Mechatronics &amp; Robotics; Mechatronics Engineering (NYP,NP,SP,TP)<br/>           Bioelectronics; Bioengineering; Biomedical Electronics; Biomedical Engineering; Biomedical Informatics &amp; Engineering (NYP,NP,RP,SP,TP)<br/>           Chemical &amp; Biomolecular Engineering; Chemical Engineering (NP,SP,TP)<br/>           Civil &amp; Environmental Engineering; (NP)<br/>           Civil Aviation (RP)<br/>           Civil Engineering and Management; Civil Engineering with Business (SP)<br/>           Clean Energy; Clean Energy Management; Renewable Energy Engineering (NP,RP,SP,TP)<br/>           Communications and Automation Electronics; Computer Engineering; Electronics; Electronics &amp; Communication Engineering; Electronic &amp; Computer Engineering; Electronics, Computer &amp; Communication Engineering; Media &amp; Communication Technology; Microelectronics (NYP,NP,RP,SP,TP)<br/>           Computer Engineering (SP)<br/>           Digital &amp; Precision Engineering (NYP)<br/>           Digital Entertainment Electronics (RP)<br/>           Electrical &amp; Electronic Engineering; Electrical Engineering; Electrical Engineering with Eco-Design (NYP,NP,SP)<br/>           Engineering Science (NP)<br/>           Environmental &amp; Water Technology; Environmental Management &amp; Water Technology (NP,SP)<br/>           Facilities Management for Business; Hotel &amp; Leisure Facilities Management; Integrated Facility Design &amp; Management; Integrated Facility Management; Leisure &amp; Business Facilities Management; Property Development &amp; Facilities Management (NP,SP,TP)<br/>           Green Building &amp; Sustainability; Intelligent Building Technology (TP)<br/>           Industrial and Operations Management (RP)<br/>           Infocomm &amp; Network Engineering; Info-Communication Engineering &amp; Design; Info-Communications; Information Communication Technology (SP,TP)<br/>           Landscape Architecture (SP)<br/>           Manufacturing Engineering (NYP)<br/>           Marine &amp; Offshore Technology (NP)<br/>           Marine Engineering (SP)<br/>           Mechanical Engineering (NP,SP)<br/>           Micro and Nanotechnology; Nanotechnology &amp; Materials Science (NYP,RP)<br/>           Multimedia &amp; InfoComm Technology; Telematics &amp; Media Technology (NYP)<br/>           Product Design &amp; Innovation (NP)<br/>           Real Estate Business (NP)<br/>           Resort Facilities Services and Management (SP)<br/>           Supply Chain Management (RP)<br/>           Sustainable Urban Design &amp; Engineering (NP)</p> | <p><b>BUSINESS, MANAGEMENT, DESIGN &amp; OTHERS (cont.)</b><br/>           Child Psychology &amp; Early Education; Early Childhood Education; Early Childhood Studies (NP,TP)<br/>           Chinese Media &amp; Communication; Chinese Studies (NP)<br/>           Communication and Information Design (RP)<br/>           Consumer Behaviour &amp; Research (RP)<br/>           Creative Media Design; Visual Communication; Visual Communication &amp; Media Design (NYP,SP,TP)<br/>           Creative Writing for TV &amp; New Media (SP)<br/>           Culinary &amp; Catering Management; Food &amp; Beverage Business; Restaurant and Culinary Operations (NYP,RP,TP)<br/>           Customer Relationship and Service Management (RP)<br/>           Design for Interactivity; Digital Media Design (Interaction Design) (NYP,RP)<br/>           Digital Media Design (Games); Game Design (NYP,RP)<br/>           Environment Design (TP)<br/>           Experience &amp; Product Design (SP)<br/>           Fund Management &amp; Administration (NYP)<br/>           Gerontological Management Studies (TP)<br/>           Hospitality &amp; Tourism Management; Hospitality and Resort Management; Hotel and Hospitality Management; Integrated Events &amp; Project Management; Integrated Events Management; Leisure &amp; Resort Management; Tourism &amp; Resort Management (NYP,NP,RP,SP,TP)<br/>           Human Resource Management with Psychology (SP)<br/>           Industrial Design; Product &amp; Industrial Design (NYP,TP)<br/>           Interactive Media Design (TP)<br/>           Interior Architecture &amp; Design; Interior Design; Retail &amp; Hospitality Design; Space &amp; Interior Design (NYP,SP,TP)<br/>           Law &amp; Management (TP)<br/>           Logistics &amp; Operations Management (TP)<br/>           Maritime Business; Maritime Transportation Management (SP)<br/>           Marketing; Retail Management (NYP,TP)<br/>           Nautical studies (SP)<br/>           Outdoor and Adventure Learning (RP)<br/>           Psychology &amp; Community Services; Psychology Studies (NP,TP)<br/>           Social Sciences (Social Work) (NYP)<br/>           Sport &amp; Wellness Management; Sports &amp; Leisure Management (NYP,RP)<br/>           Sports Coaching (RP)<br/>           Wellness, Lifestyle and Spa Management (RP)</p> <p><b>HEALTH SCIENCES</b><br/>           Dental Hygiene &amp; Therapy (NYP)<br/>           Diagnostic Radiography; Radiation Therapy (NYP)<br/>           Health Management and Promotion; Healthcare Administration (RP)<br/>           Health Sciences (Nursing); Nursing (NYP,NP)<br/>           Occupational Therapy (NYP)<br/>           Optometry (NP,SP)<br/>           Physiotherapy (NYP)<br/>           Sports &amp; Exercise Sciences (RP)</p> <p><b>HYBRID COURSES</b><br/>           Aviation Management &amp; Services (TP)<br/>           Business Application; Business Computing; Business Informatics; Business Information Systems; Business Information Technology (NYP,NP,RP,SP,TP)<br/>           Business Process &amp; Systems Engineering; Engineering with Business (SP,TP)<br/>           Consumer Science &amp; Technology (TP)<br/>           Engineering Informatics (NP)<br/>           Financial Business Informatics; Financial Informatics (NYP,NP,SP,TP)<br/>           Game Design &amp; Development (SP)<br/>           International Supply Chain Management; International Logistics &amp; Supply Chain Management (NP)<br/>           Logistics Management (NP)<br/>           3D Interactive Media Technology; Interactive Media Technology (TP)</p> <p><b>INFORMATION &amp; DIGITAL TECHNOLOGIES</b><br/>           Business Enterprise IT (NYP)<br/>           Business Intelligence &amp; Analytics (NYP, TP)<br/>           Cyber &amp; Digital Security; Digital Forensics; Infocomm Security Management; Information Security; Network Systems and Security (NYP,NP,SP,TP)<br/>           Digital Entertainment Technology (Games); Game &amp; Entertainment Technology (NYP, TP)<br/>           Digital Media; Interactive &amp; Digital Media; Interactive Media; Multimedia &amp; Animation (NP,RP,SP)<br/>           Digital Visual Effects (NYP)<br/>           Engineering Informatics (NYP)<br/>           Information Technology (NYP,NP,RP,SP,TP)<br/>           Interactive Media Informatics (TP)<br/>           IT Service Management (RP)<br/>           Mobile &amp; Network Services; Mobile &amp; Wireless Computing; Mobile Business Solutions (NP,TP)<br/>           Mobile Software Development (RP)<br/>           Music &amp; Audio Technology; Sonic Arts (RP,SP)</p> |
| <p><b>BUSINESS, MANAGEMENT, DESIGN &amp; OTHERS</b><br/>           Accountancy; Accountancy &amp; Finance; Accounting &amp; Finance (NYP,NP,SP,TP)<br/>           Advertising &amp; Public Relations; Communications &amp; Media Management; Mass Communication; Mass Media Management; Media and Communication; Media Studies &amp; Management; New Media (NYP,NP,RP,SP,TP)<br/>           Animation &amp; 3D Arts; Digital Animation; Digital Media Design (Animation); Digital Visual Effects; Film, Sound &amp; Video; Motion Graphics &amp; Broadcast Design; Moving Images; Visual Effects &amp; Motion Graphics (NYP,NP,SP,TP)<br/>           Apparel Design &amp; Merchandising (TP)<br/>           Applied Drama &amp; Psychology (SP)<br/>           Arts Business Management; Technology and Arts Management (NP,RP)<br/>           Banking &amp; Financial Services (NYP,NP,SP)<br/>           Business and Social Enterprise (NP)<br/>           Business Innovation &amp; Design (SP)<br/>           Business; Business Administration; Business Management; Business Studies; International Business (NYP,NP,SP,TP)</p>  |  |