

# *Education Statistics Digest 2014*



Ministry of Education  
SINGAPORE

*Moulding The Future of Our Nation*



## CONTENTS

Preface .....	iii
Singapore Education Landscape (Infographics).....	v
Overview of the Education System .....	vii
Key Educational Indicators .....	xv

### **PRIMARY, SECONDARY AND PRE-UNIVERSITY EDUCATION, 2013**

#### **Summary Statistics**

1	Number of Schools by Level and Type .....	3
2	Students, Education Officers and Education Partners in Schools by Level.....	3
3	Summary Statistics on Education Officers .....	4

#### **Enrolment Statistics**

4	Enrolment, Number of Classes and Class Size by Level .....	5
5	Primary Enrolment by Age and Level .....	7
6	Secondary Enrolment by Age, Level and Course .....	9
7	Junior College / Centralised Institute Enrolment by Age and Level .....	11
8	Number of Schools by Level and Electoral Constituency .....	12
9	Enrolment by Level and Electoral Constituency .....	13

#### **Education Officers' Statistics**

10	Teachers' Academic Qualification, Length of Service and Age by Level.....	15
11	Vice-Principals' Academic Qualification, Length of Service and Age by Level..	16
12	Principals' Academic Qualification, Length of Service and Age by Level .....	17

#### **Private Schools**

13	Statistics on Private Education Institutions .....	18
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### **ITE, LASALLE, NAFA, POLYTECHNIC AND UNIVERSITY EDUCATION, 2013**

14	Intake, Enrolment and Graduates of ITE by Course .....	21
15	Intake, Enrolment and Graduates of LASALLE and NAFA by Course .....	22
16	Intake, Enrolment and Graduates of Polytechnics by Course .....	23

17	Intake, Enrolment and Graduates of Universities by Course .....	24
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## STATISTICAL SERIES

18	Number of Schools by Level and Type .....	27
19	Enrolment by Level and School Type ... ..	29
20	Primary Enrolment by Level and Stream .....	30
21.1	Secondary Enrolment by Level and Course .....	31
21.2	Secondary Enrolment by Level and Course .....	32
22	Pre-University Enrolment by Level .....	33
23	Pre-University Enrolment by Course and Level .....	35
24	Number of Teachers by Level and School Type .....	37
25	Intake: Universities, Polytechnics, LASALLE, NAFA and ITE .....	39
26	Enrolment: Universities, Polytechnics, LASALLE, NAFA and ITE .....	41
27	Graduates: Universities, Polytechnics, LASALLE, NAFA and ITE .....	43
28	Government Development Expenditure on Education .....	45
29	Government Recurrent Expenditure on Education .....	47
30	Government Recurrent Expenditure on Education Per Student .....	49
31	Percentage of Pupils who Passed PSLE by Ethnic Group .....	50
32	Percentage of Pupils with at Least 5 'O' Level Passes by Ethnic Group .....	51
33	Percentage of Pupils with at Least 3 'A' / 'H2' Passes & Pass in GP / K&I by Ethnic Group .....	52
34	Percentage of P1 Cohort admitted to Post-Secondary Education Institutions by Ethnic Group .....	53

## APPENDICES

Milestones in the Education System .....	56
Classification of Courses in Universities, Polytechnics, LASALLE, NAFA and ITE .....	59

## PREFACE

The purpose of the Education Statistics Digest is to provide basic statistical information on education in Singapore. The statistical information includes data on schools, enrolment, teachers, educational outcomes and finances.

The statistics presented here are divided into three sections. The first section contains statistics on primary, secondary and pre-university education for 2013. The second section covers the Institute of Technical Education (ITE), LASALLE College of the Arts, Nanyang Academy of Fine Arts (NAFA), polytechnics and universities. To give the reader a historical perspective of the developments in education over the years as well as the trend, time series on major education indicators are provided in the third section.

MANAGEMENT INFORMATION AND RESEARCH BRANCH  
PLANNING DIVISION  
MINISTRY OF EDUCATION  
SINGAPORE  
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# THE SINGAPORE EDUCATION JOURNEY

The Singapore education system aims to help our students discover their talents, realise their potential, and develop a passion for learning that lasts through life. This infographic provides an overview of the Singapore education landscape.



**PRIMARY**



6 years

7-12 years old



**SECONDARY**



4-5 years

13-16 years old



**POST SECONDARY**



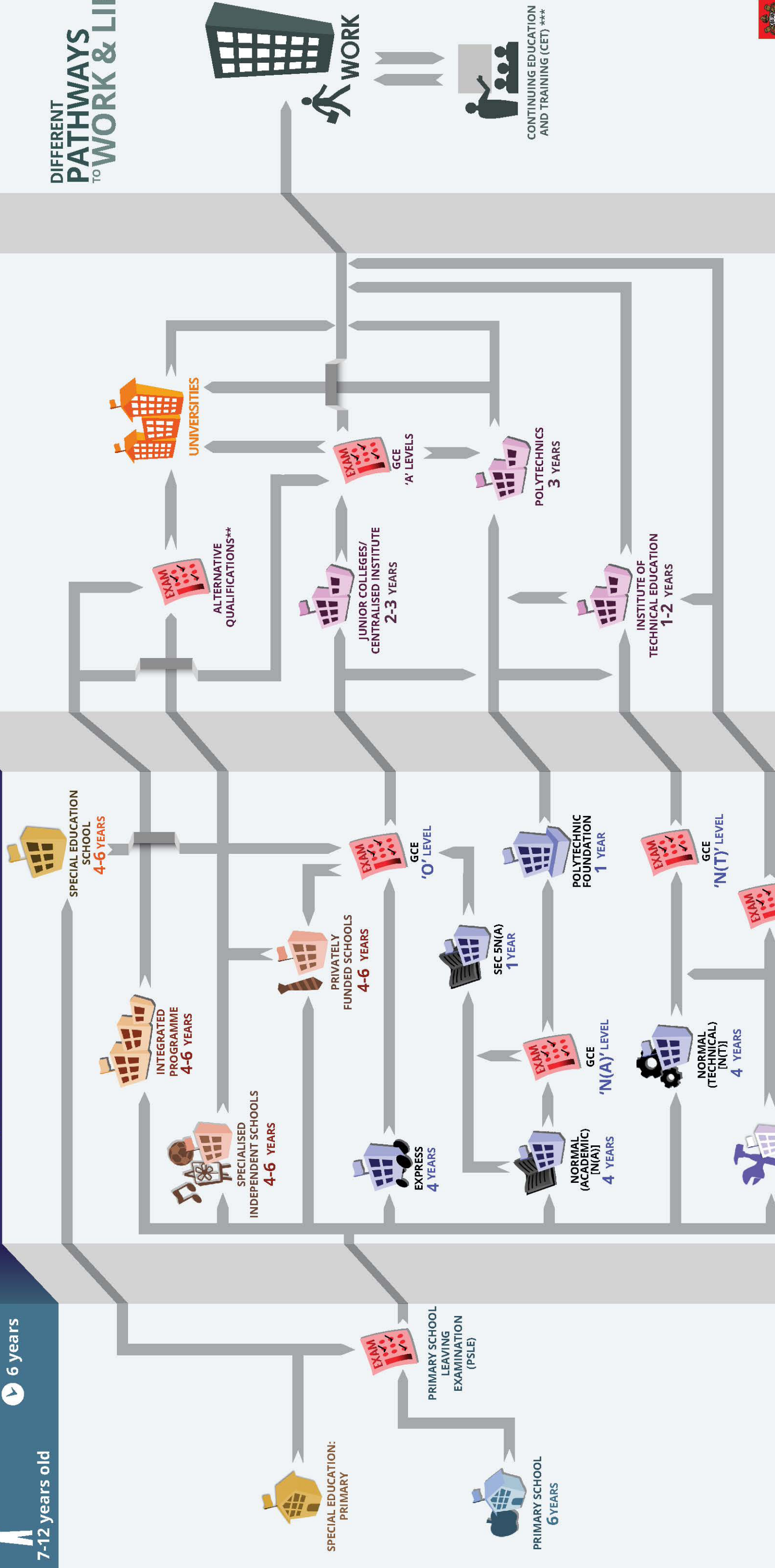
1-6 years

17-22 years old



**WORK**

DIFFERENT  
PATHWAYS  
TO  
WORK & LIFE



Ministry of Education  
SINGAPORE

\* Specialised schools offer customised programmes for students who are inclined towards hands-on and practical learning. These schools include Northlight School, Assumption Pathway School, Crest Secondary School and Spectra Secondary School, which is due to open in 2014.

\*\* Alternative Qualifications refer to qualifications not offered by the majority of mainstream schools in Singapore.

\*\*\* Continuing Education and Training (CET) is designed for adult learners or companies looking to upgrade the skills and knowledge of their employees.





## OVERVIEW OF THE EDUCATION SYSTEM

Singapore's education system aims to bring out the best in every child by enabling students discover their talents, realise their full potential, and develop a passion for life-long learning. We seek to nurture the whole child, and help them develop an enduring core of competencies, values and character, to ensure that they have the capabilities and dispositions to thrive in the 21<sup>st</sup> century. Our multiple educational pathways cater to students with different strengths, interests and learning styles, developing each child to his fullest potential.

Our schools play a key role by providing a rich diversity of learning experiences for our students. Besides building a strong foundation of literacy and numeracy, we also cater to the physical, aesthetic, moral and socio-emotional aspects for the holistic development of our students. Apart from the academic curriculum, our students can develop their interests and talent in music, arts and sports through co-curricular programmes. Through these activities, our students are provided with opportunities to hone their talents and leadership skills, as well as develop their socio-emotional competencies. Enrichment programmes that cater to our students' learning interests are also available. Contributing to the communities around the school through various Values-in-Action programmes is also an integral part of school life. In addition, education and career guidance offer perspectives beyond the classroom to help our students achieve their fullest potential.

All these learning experiences help cultivate in our students, qualities and values such as creativity, confidence, compassion and resilience – life skills essential in a rapidly changing world. At the same time, they also gain values such as respect, responsibility, integrity, care and harmony, all of which are important for a cohesive and harmonious multi-racial and multi-cultural society.

Bilingualism is a key feature of Singapore's education system. While the main medium of instruction in school is English, all students learn an official Mother Tongue Language. Our bilingual policy aims to equip our students with the language competencies to access Asian cultures and develop a global outlook. This will give our students a competitive edge, enable them to appreciate their culture and heritage and connect with people from different backgrounds, so that they can thrive in a globalised world.

Teachers, allied educators and school leaders form the core of Singapore's education system. We are committed to nurturing and motivating our teachers to grow and reach their personal and professional best, in line with their aspirations and interests. Our teachers receive their comprehensive pre-service training at the National Institute of Education and have many opportunities for continual development to build up their capabilities as teaching professionals. This is complemented by the teacher academies, language institutes and learning communities, which help to foster a strong culture of dedication, collaborative learning, and professional excellence.

### PRIMARY EDUCATION

At the primary level, students go through a six-year course designed to give them a strong foundation. This includes developing language and numeracy skills, building character and nurturing sound values and good habits.

English Language, Mathematics and Mother Tongue Language make up a significant part of the primary school curriculum. These subjects help our students to develop literacy and problem solving skills – skills that provide a strong foundation as they progress on their educational journey.

Students also take up subjects like Art, Civics & Moral Education, Music, Social Studies and Physical Education. Science is introduced from Primary 3 onwards. These subjects expose our students to different areas of study at an early stage to allow them to discover their interests and talents, equip them holistically with a range of important knowledge and skills, and also provide teachable moments to develop in them the core values that define a person's character and their sense of responsibility to society.

After the initial foundation stage (Primary 1 to Primary 4), English Language, Mathematics, Mother Tongue Language and Science are offered to students at either the foundation or standard level at Primary 5 to Primary 6. Students who do well in their Mother Tongue Language may also offer Higher Mother Tongue Language. This means that teachers will take into account the ability of their students in designing their lessons and assessment tasks. Students thus learn at a pace that suits them.

A range of enhancements will be implemented in primary school education over the next few years to make learning more enjoyable and meaningful for students while developing the desired skills and values that will put them in good stead for the future. These include placing greater emphasis on engaging teaching methods and holistic assessment, and providing opportunities for lower primary pupils to try out activities in the areas of sports, outdoor education and the arts through the Programme for Active Learning (PAL).

At the end of Primary 6, students take the Primary School Leaving Examination (PSLE), which assesses their suitability for secondary education and places them in the appropriate secondary school course that will match their learning pace, ability and inclinations. Other than using PSLE results, students can also seek admission to a secondary school based on their achievements and talents across a diverse range of areas (including art and sports) through the Direct School Admission exercise.

## SECONDARY EDUCATION

At the secondary level, three core courses, designed to match students' learning abilities and interests, are offered:

- **Express Course<sup>1</sup>.** This is a four-year course leading to the Singapore-Cambridge General Certificate of Education (GCE) 'O' Level Examination. In this course, students learn English and Mother Tongue<sup>2</sup>, as well as Mathematics, the Sciences and the Humanities.
- **Normal (Academic) Course.** This is a four-year course leading to the GCE 'N' Level Examination. Students who do well at the 'N' levels will qualify for an additional year to prepare for the GCE 'O' Level Examination, or progress to Higher Nitec courses at the ITE. Selected students may offer 'O' level subjects at Secondary 4, or, bypass the 'N' levels and progress directly to Secondary 5 to take the 'O' levels. In the Normal (Academic) course, students learn a range of subjects similar to those in the Express courses. Starting from 2013, students who do very well at the 'N' levels will have two new "through-train" pathways to the polytechnics: (i) a one-year Polytechnic Foundation Programme (PFP) and (ii) a two-year Direct-Entry-Scheme to Polytechnic Programme (DPP).

<sup>1</sup> Starting from the Secondary 1 students in 2008, the Special and Express Courses merged into the "Express Course".

<sup>2</sup> Students can opt to study Mother Tongue at either the standard, higher or Syllabus B levels depending on their ability and eligibility.

- **Normal (Technical) Course.** This is a four-year course leading to the GCE 'N' Level Examination. In this course, students learn English, Mother Tongue, Mathematics and subjects with technical or practical emphases. Since 2005, schools have also been offering Elective Modules, which cover a wide range of subjects including nursing, hospitality, digital animation and precision engineering. To enhance experiential and practice-oriented learning, a revised Normal (Technical) curriculum has been implemented in all schools from 2007.

While students may be initially placed in a particular course, depending on their ability to cope with the learning pace and style, there are opportunities for lateral transfers mid-stream to more appropriate courses. Students in the Normal (Academic) and Normal (Technical) courses are also given the opportunity to offer higher level subjects in upper secondary if they perform well in them. This flexibility in offering higher level subjects was extended to lower secondary in 12 pilot schools starting in 2014, and will be extended to all secondary schools by 2018.

## **SPECIALISED SCHOOLS**

Specialised Schools such as Northlight School, Assumption Pathway School, Crest Secondary School and Spectra Secondary School offer customised programmes for students who are inclined towards hands-on and practical learning, leading to a combination of academic and vocational qualifications.

## **SPECIALISED INDEPENDENT SCHOOLS**

The Specialised Independent Schools – NUS High School of Mathematics and Sciences, School of Science and Technology, School of the Arts and Singapore Sports School – offer programmes to develop students in areas such as mathematics, sciences, the arts and sports to a higher level. We recognise the talents of our students in both academic and non-academic areas.

## **INTEGRATED PROGRAMME**

Some schools also offer the Integrated Programme (IP) – a 6-year programme that caters to academically-strong students who prefer a more independent and less-structured learning style. It allows secondary school students to proceed to pre-university education without sitting for the GCE 'O' level examination. Given the strong academic aptitude of its students, the IP aims to stretch the potential of its students in non-academic aspects by engaging them in broader learning experiences beyond the academic curriculum. Students sit for the pre-university examinations at the end of 6 years.

## **POST-SECONDARY AND TERTIARY EDUCATION**

After Secondary 4 or Secondary 5, most students proceed to one of the following post-secondary institutions for further education/training.

- **Junior Colleges / Centralised Institute.** Students may apply for pre-university education at the junior colleges (two-year course) and centralised institute (three-year course) leading to the GCE 'A' Level Examination.

Students may choose from a wide range of subjects from different academic areas such as the Humanities and the Arts, Languages and Mathematics and the Sciences. To ensure breadth of skills and knowledge, students are required to offer at least one contrasting subject – i.e. every

student should take at least one subject from Mathematics and the Sciences, and at least one subject from the Humanities and the Arts.

Besides content knowledge, socio-emotional competencies and life skills are an integral part of pre-university education. Students are given ample opportunities to engage in Values-in-Action programmes that will help them cultivate important life qualities such as initiative, leadership, social responsibility and strength of character.

- **Polytechnics.** Students who prefer a more applied tertiary education and have the necessary GCE 'O' level grades can apply for diploma courses in Singapore Polytechnic, Ngee Ann Polytechnic, Temasek Polytechnic, Nanyang Polytechnic or Republic Polytechnic. Polytechnic graduates who perform well in their diploma studies have the opportunity to pursue further tertiary education at the universities. Since March 2010, polytechnic graduates have also been able to apply for degree programmes offered by the Singapore Institute of Technology (SIT).

The polytechnics offer a wide range of courses in the fields of engineering, applied sciences and biotechnology, info-communications, health sciences, business studies, accountancy, social sciences, mass communications and digital media.

- **Institute of Technical Education (ITE).** Students with GCE 'O' or 'N' level certificates can opt for full-time courses offered by the ITE. Courses at ITE lead to the National ITE Certificate (*Nitec*) or the Higher National ITE Certificate (*Higher Nitec*). Those who do well in these courses can proceed to the polytechnics to pursue diploma studies. Apart from full-time institutional training, students can also acquire skills certification through traineeship programmes conducted jointly by companies and ITE. In collaboration with overseas institutions, ITE also offers Technical Engineer Diploma (TED) programmes in niche areas as another pathway for upgrading.
- **Arts Institutions.** Students interested in the creative arts can choose to enrol in the LASALLE College of the Arts or the Nanyang Academy of Fine Arts (NAFA) which offer diploma and degree programmes in visual and performing arts such as music, theatre, dance, interior design and fashion design.

## Universities

Singapore's university education aspires to prepare students not only for today's economy but also for a future one where there will be jobs that have yet to be invented and challenges not yet foreseen. Today, there are four publicly-funded universities in our higher education landscape.

- The **National University of Singapore (NUS)** is a research-intensive, comprehensive university with 16 faculties and schools. Both undergraduate and graduate programmes are offered at the Faculty of Arts and Social Sciences, Faculty of Science, NUS Business School, School of Computing, Faculty of Dentistry, School of Design and Environment, Faculty of Engineering, Faculty of Law, Yong Loo Lin School of Medicine, Yong Siew Toh Conservatory of Music and the Yale-NUS College. More graduate programmes are provided through the NUS Graduate School for Integrative Sciences and Engineering, the Saw Swee Hock School of Public Health, the Lee Kuan Yew School of Public Policy, and the Duke-NUS Graduate Medical School which offers a graduate entry model programme for students to obtain the Doctor of Medicine (MD) degree. For undergraduates, the University Scholars Programme offers an inter-disciplinary academic experience, while the Yale-NUS College, which matriculated its inaugural batch of students in 2013, will offer a four-year liberal arts undergraduate programme.

NUS also has many collaborative university partners that help to enrich the student's educational experience and student life – offering dual degree or joint programmes, research opportunities and student exchange programmes.

- **Nanyang Technological University (NTU)** is a research-intensive, comprehensive university, with Engineering as one of its key strengths. It is organised into four Colleges and five autonomous entities. Schools under the four Colleges offer undergraduate and postgraduate programmes including Chemical and Biomedical Engineering, Civil and Environmental Engineering, Computer Engineering, Electrical and Electronic Engineering, Materials Science and Engineering, Mechanical and Aerospace Engineering, Business, Biological Sciences, Physical and Mathematical Sciences, Art, Design and Media, Humanities and Social Sciences, and Communication and Information. The Lee Kong Chian School of Medicine was established in collaboration with Imperial College London and admitted its first batch of 54 medical students in 2013. The five autonomous entities are the Chinese Heritage Centre, Earth Observatory of Singapore, National Institute of Education, S. Rajaratnam School of International Studies and Singapore Centre on Environmental Life Sciences Engineering. The National Institute of Education (NIE) conducts professional training for teachers while the S Rajaratnam School of International Studies (RSIS) offers postgraduate degrees in international and strategic studies.

NTU collaborates with many overseas institutions such as the Massachusetts Institute of Technology and Imperial College London, offering dual degree or joint programmes, research opportunities and student exchange programmes.

- **Singapore Management University (SMU)** is styled after an American university and has Business and Social Sciences programmes at its core. It has six schools— School of Accountancy, Lee Kong Chian School of Business, School of Economics, School of Social Sciences, School of Information Systems and School of Law. SMU is known for its interactive pedagogy of seminar-style teaching in small class sizes. In addition to offering single degree programmes with a second major, SMU also allows its undergraduates to combine a double degree from any of its six schools.

SMU offers undergraduate and post-graduate programmes in Business and Management-related areas, ranging from Professional Accounting, Economics, Finance, Wealth Management, Law, Business Analytics and Information Systems. SMU also hosts a wide range of research activities focusing on the social sciences including Research Institutes such as the Behavioural Sciences Institute.

- **Singapore University of Technology & Design (SUTD)** is Singapore's fourth publicly-funded autonomous university, established in collaboration with the Massachusetts Institute of Technology and Zhejiang University. It is a small, top-tier research-intensive university focusing on technology-intensive design education in the disciplines of engineering and architecture and seeks to leverage both partner universities' strong tradition of engineering excellence and entrepreneurial spirit.

SUTD matriculated its first cohort of undergraduates in April 2012. It offers undergraduate programmes in the following four areas - Architecture and Sustainable Design, Engineering Product Development, Engineering Systems and Design, and Information Systems Technology and Design.

The university also houses an International Design Centre (IDC) that conducts world-class research on technologically intensive design. The IDC has identified three Design Grand Challenges: Sustainable Built Environment, Design with the Developing World and ICT-enabled Devices for Better Living. IDC faculty, staff and student work together to design devices, systems and services that address strategic needs of Singapore, the region and the global community.

The SUTD-SMU Dual Degree Programme in Technology and Management allows students to pursue an engineering degree from SUTD and a business management degree from SMU concurrently and will matriculate its inaugural batch of students in May 2014.

- **Singapore Institute of Technology (SIT)** has offered degree programmes since AY2010 in partnership with reputable overseas universities in key growth sectors of the economy such as Engineering & Applied Sciences, Health Sciences, Design, Interactive Digital Media, Education and Hospitality. SIT has a unique tripartite model with overseas university partners and the five local polytechnics in offering polytechnic graduates degree upgrading opportunities. In AY2013, SIT offered 27 degree programmes in partnership with 11 overseas universities.

This year (2014), SIT will be officially awarded the status as Singapore's fifth autonomous university and offer its own applied degrees for the first time in the areas of Sustainable Infrastructure Engineering, Information & Communications Technology, and Accountancy.

## CONTINUING EDUCATION AND TRAINING IN THE POST-SECONDARY INSTITUTIONS

Adult learners can undergo Continuing Education and Training (CET) at the post-secondary institutions. CET programmes aim to address manpower and skills gaps, so as to support industry development and job creation, facilitate education and career transition via various pathways, and enable the workforce to stay employable amidst rapid shifts in the economic landscape.

**ITE** offers for adult learners part-time *Nitec*, *Higher Nitec*, *Master Nitec*, *Specialist Nitec* and ITE Skills Certificate courses. They are offered in modules of six months' duration, giving adult learners the flexibility to sign up for training based on their needs. In addition, companies that are Certified On-the-Job Training (OJT) Centres by ITE can offer their employees OJT. Working adults also have access to courses conducted by Approved Training Centres off-the-job. ITE conducts skills evaluation tests for public candidates and instructional skills and related programmes for industry trainers. For adult learners who wish to resume or continue with academic upgrading at the secondary level, ITE offers MOE-subsidised lessons for levels from Secondary One Normal to GCE 'N' and GCE 'O' levels, under its General Education Programme.

The **polytechnics** offer working adults academic CET programmes at diploma and post-diploma level, covering areas such as Engineering, Environmental Technology, Chemical Processes, Pharmaceuticals, Electronics, Construction, Aerospace, Marine & Offshore, Logistics, Business, Accounting & Finance, Security, Infocomm Technology & Digital Media, Early Childhood Education, Healthcare, Sports, Retail and Tourism.

- **Part-time diploma** courses are designed to be modular and more compact than full-time courses, so as to provide more flexible and accessible upgrading for adults with working experience.
- **Post-diploma** courses cater to working professionals who are existing diploma or degree holders. They are modular, shorter in duration than diploma courses, and mostly designed for part-time study. These include the Advanced Diploma courses that cater to adults seeking to broaden and deepen their skills and knowledge in the field they are trained or practising in; Specialist Diploma courses that cater to adults seeking to deepen their skills and knowledge in a specialised area of their field; and Diploma (Conversion) courses that cater to adults seeking training in a different discipline so as to facilitate career switches.

The universities offer academic CET through part-time degree courses at both undergraduate and post-graduate levels. **NUS** and **NTU** are the two autonomous universities offering part-time basic degree courses, specifically in engineering. The NUS courses lead to the award of the Bachelor of Technology, while the NTU courses lead to the award of the Bachelor of Engineering. Both universities also offer part-time post-graduate courses for existing degree holders. **SIM University (UniSIM)**, offers a range of more than 60 part-time undergraduate and postgraduate courses in 4 schools – the School of Arts and Social Sciences, the School of Business, the School of Human Development and Social Services and the School of Science and Technology.





## KEY EDUCATIONAL INDICATORS

<b><u>Percentage of P1 cohort<sup>1</sup> who</u></b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Sat for						
PSLE and passed	97.9	98.1	97.9	97.9	98.1	97.9
GCE 'N' or 'O' Level Examinations and had at least 5 'N' level passes or 3 'O' level passes	86.9	87.5	87.8	89.1	88.6	89.6
GCE 'A' Level Examinations and had at least 3 H2 passes and a pass in GP or KI	25.5	25.6	26.0	25.9	25.9	26.3
Admitted into <sup>2</sup>						
Institute of Technical Education	20.9	21.2	20.9	21.3	21.2	22.8
Polytechnics	43.9	44.7	45.8	46.5	47.1	46.4
Junior Colleges / Centralised Institute	28.0	27.6	27.5	27.0	27.7	28.2
Universities (NUS, NTU, SMU, SIT, SUTD)	25.2	25.1	25.6	26.9	28.2	29.4
<b><u>Ratio of Students to Teaching Staff</u></b>						
Primary	21.4	19.6	19.3	18.6	17.7	16.5
Secondary <sup>3</sup>	17.9	16.4	16.1	14.8	13.9	13.2

### Notes:

1. The P1 cohorts represented in each year are different across the indicators, as different cohorts reach the target levels in each year. Figures are preliminary.
2. Students who enrol in one type of institution may later progress to another, and will hence be counted under both rows. Figures for ITE, Polytechnics and JC/CI are based on P1 cohorts admitted to P1 10 years ago and for universities, 12 years ago.
3. Include students and teachers in Government, Govt-Aided, Independent, Specialised Independent, Specialised schools.



**PRIMARY, SECONDARY AND PRE-UNIVERSITY  
EDUCATION, 2013**



## 1 NUMBER OF SCHOOLS BY LEVEL AND TYPE, 2013

Type of School	Primary	Secondary	Mixed Level <sup>1</sup>	Junior College / Centralised Institute	Total
<b>Total</b>	<b>182</b>	<b>154</b>	<b>15</b>	<b>14</b>	<b>365</b>
Government	141	119	4	10	274
Govt-Aided	41	28	3	4	76
Independent	0	2	6	0	8
Specialised Independent	0	2	2	0	4
Specialised	0	3	0	0	3

Note: 1) The category Mixed Level comprises of Primary & Secondary Schools (P1-S4/5) and Secondary & Junior College Schools (S1-JC2). For the purpose of this table, Schools are reflected by type according to their secondary sections, however, their primary sections may have different classifications.

## 2 STUDENTS, EDUCATION OFFICERS AND EP<sup>1</sup> IN SCHOOLS BY LEVEL, 2013

	Primary		Secondary		Mixed Level <sup>3</sup>		Junior College / Centralised Institute		Total	
	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female
Enrolment	236862	114795	177672	87811	37277	17021	21564	11667	473375	231294
Teacher	14442	11749	13328	8706	2968	1841	2041	1213	32779	23509
Vice-Principal	275	183	297	162	50	28	27	12	649	385
Principal <sup>2</sup>	193	145	163	81	17	8	15	11	388	245
Education Partners	2993	2254	3526	2159	928	572	307	211	7754	5196

Note: 1) Education Partners (EP) includes Vice-Principal (Admin), Administrative Manager, Administrative Executive, Allied Educators, Technical Support Officer, Operations Manager, Operations Support Officer and Corporate Support Officer, but excludes contract cleaners and security guards.

2) Principal includes Principal Designate.

3) The category Mixed Level comprises of Primary & Secondary Schools (P1-S4/5) and Secondary & Junior College Schools (S1-JC2).

### 3 SUMMARY STATISTICS ON EDUCATION OFFICERS, 2013

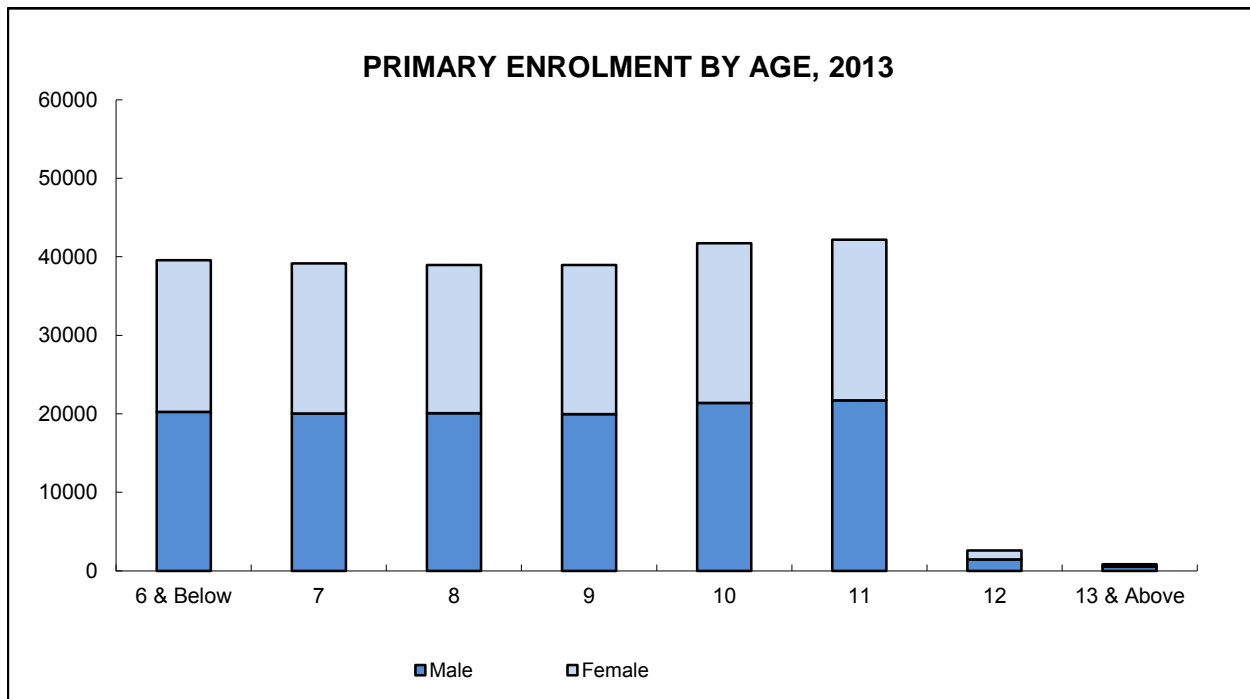
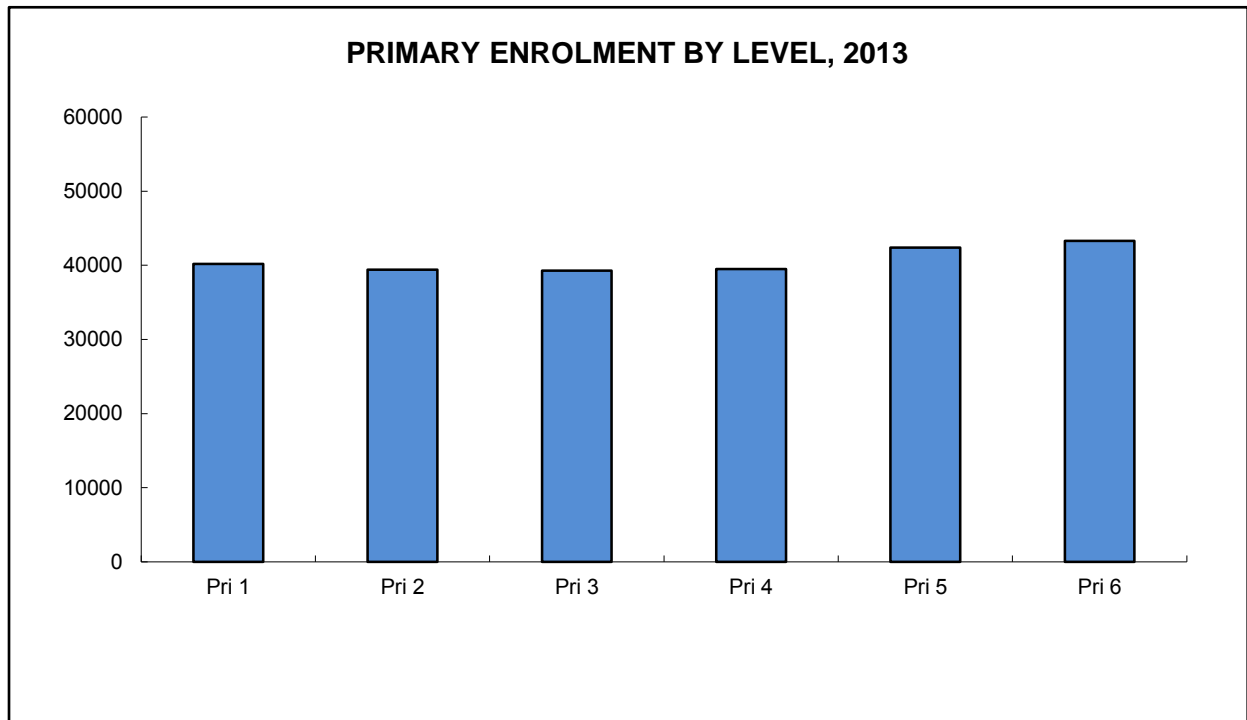
Level / Type of School	Qualification	Teacher		Vice-Principal		Principal		All	
		Total	Female	Total	Female	Total	Female	Total	Female
<b>Total</b>	<b>Graduate</b>	<b>27542</b>	<b>19289</b>	<b>630</b>	<b>372</b>	<b>379</b>	<b>237</b>	<b>28551</b>	<b>19898</b>
	<b>Non-grad</b>	<b>5237</b>	<b>4220</b>	<b>19</b>	<b>13</b>	<b>9</b>	<b>8</b>	<b>5265</b>	<b>4241</b>
<b>Primary</b>	<b>Graduate</b>	<b>10410</b>	<b>8445</b>	<b>265</b>	<b>177</b>	<b>184</b>	<b>137</b>	<b>10859</b>	<b>8759</b>
	<b>Non-grad</b>	<b>4378</b>	<b>3601</b>	<b>18</b>	<b>13</b>	<b>9</b>	<b>8</b>	<b>4405</b>	<b>3622</b>
Government	Graduate	7292	5855	200	130	145	109	7637	6094
	Non-grad	3261	2641	10	7	6	5	3277	2653
Govt-Aided	Graduate	3118	2590	65	47	39	28	3222	2665
	Non-grad	1117	960	8	6	3	3	1128	969
<b>Secondary</b>	<b>Graduate</b>	<b>14143</b>	<b>9114</b>	<b>321</b>	<b>176</b>	<b>171</b>	<b>86</b>	<b>14635</b>	<b>9376</b>
	<b>Non-grad</b>	<b>850</b>	<b>617</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>851</b>	<b>617</b>
Government	Graduate	9834	6322	232	122	127	65	10193	6509
	Non-grad	582	456	0	0	0	0	582	456
Govt-Aided	Graduate	2763	1824	58	35	32	16	2853	1875
	Non-grad	161	129	1	0	0	0	162	129
Independent	Graduate	1068	708	21	14	4	4	1093	726
	Non-grad	18	8	0	0	0	0	18	8
Specialised	Graduate	351	195	5	2	4	1	360	198
Independent	Non-grad	7	6	0	0	0	0	7	6
Specialised	Graduate	127	65	5	3	4	0	136	68
	Non-grad	82	18	0	0	0	0	82	18
<b>Junior College / Centralised Institute</b>	<b>Graduate</b>	<b>2989</b>	<b>1730</b>	<b>44</b>	<b>19</b>	<b>24</b>	<b>14</b>	<b>3057</b>	<b>1763</b>
	<b>Non-grad</b>	<b>9</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>2</b>
Government	Graduate	1808	1073	26	10	15	10	1849	1093
	Non-grad	5	1	0	0	0	0	5	1
Govt-Aided	Graduate	636	367	8	4	4	3	648	374
	Non-grad	2	1	0	0	0	0	2	1
Independent	Graduate	545	290	10	5	5	1	560	296
	Non-grad	2	0	0	0	0	0	2	0

Note: 1) The above excludes 1,027 (Female 688) officers in HQ, 1,052 (Females 926) on various leave, 316 (Females 210) on secondment to other institutions and 276 (Females 230) studying at NIE.

2) Officers in Mixed Level schools are classified based on their teaching subjects in the schools.

#### 4 ENROLMENT, NUMBER OF CLASSES AND CLASS SIZE BY LEVEL, 2013

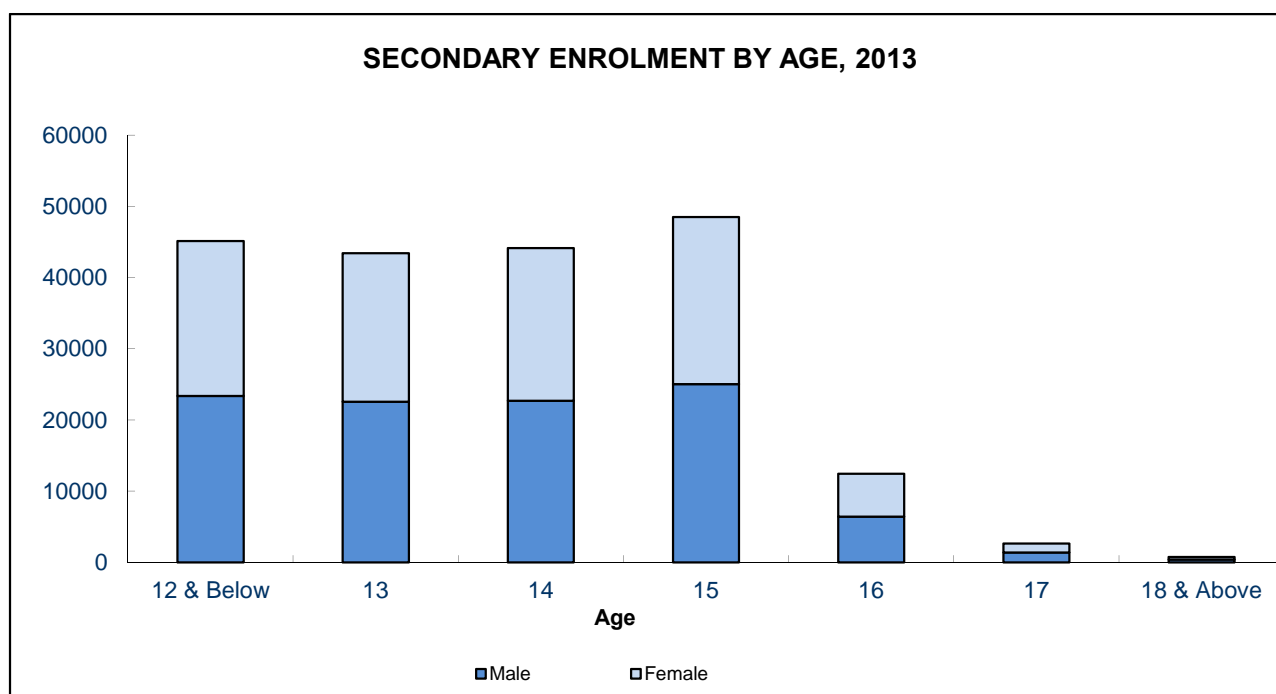
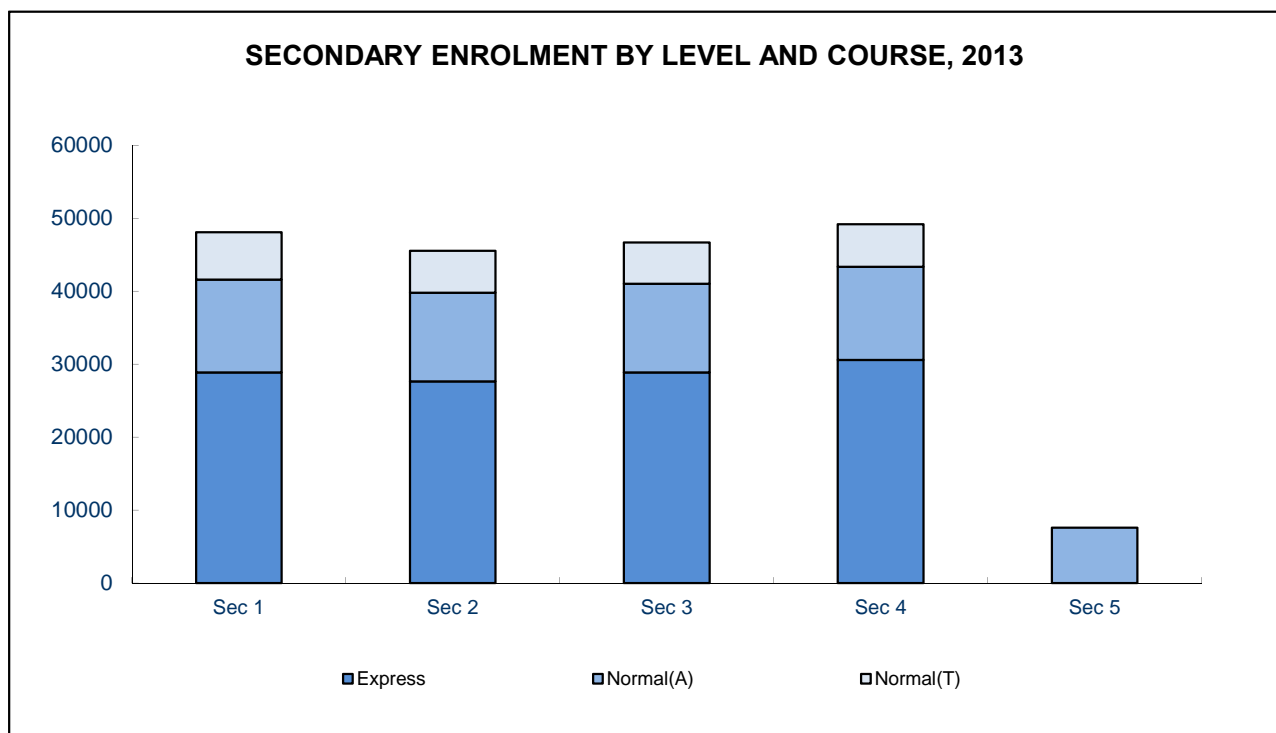
Level	Enrolment	No. of Classes	Average Class Size
<b>Total</b>	<b>473375</b>	<b>14221</b>	<b>33.3</b>
<b>Primary</b>	<b>244045</b>	<b>7242</b>	<b>33.7</b>
Pri 1	40168	1360	29.5
Pri 2	39407	1333	29.6
Pri 3	39273	1068	36.8
Pri 4	39510	1086	36.4
Pri 5	42384	1180	35.9
Pri 6	43303	1215	35.6
<b>Secondary</b>	<b>197165</b>	<b>5574</b>	<b>35.4</b>
Sec 1	48094	1307	36.8
Sec 2	45548	1255	36.3
Sec 3	46715	1323	35.3
Sec 4	49190	1412	34.8
Sec 5	7618	277	27.5
<b>Junior College / Centralised Institute</b>	<b>32165</b>	<b>1405</b>	<b>22.9</b>
JC 1 / PU 1	16890	718	23.5
JC 2 / PU 2	14973	675	22.2
PU 3	302	12	25.2





## 5 PRIMARY ENROLMENT BY AGE AND LEVEL 2013

Level	Sex	Age (in years)										
		≤ 6	7	8	9	10	11	12	13	14	≥ 15	Total
Total	MF	39576	39157	38968	38973	41743	42167	2601	741	100	19	244045
	F	19324	19115	18874	19023	20339	20442	1149	315	35	6	118622
Pri 1	MF	39575	525	62	6	-	-	-	-	-	-	40168
	F	19324	217	24	1	-	-	-	-	-	-	19566
Pri 2	MF	1	38632	654	114	5	1	-	-	-	-	39407
	F	.	18898	280	50	4	.	-	-	-	-	19232
Pri 3	MF	-	-	38251	796	212	14	-	-	-	-	39273
	F	-	-	18569	352	85	7	-	-	-	-	19013
Pri 4	MF	-	-	1	38056	1039	384	25	5	.	-	39510
	F	-	-	1	18620	469	178	8	3	.	.	19279
Pri 5	MF	-	-	-	1	40486	1268	588	38	3	-	42384
	F	-	-	-	.	19780	592	267	12	1	-	20652
Pri 6	MF	-	-	-	-	1	40500	1988	698	97	19	43303
	F	-	-	-	-	1	19665	874	300	34	6	20880

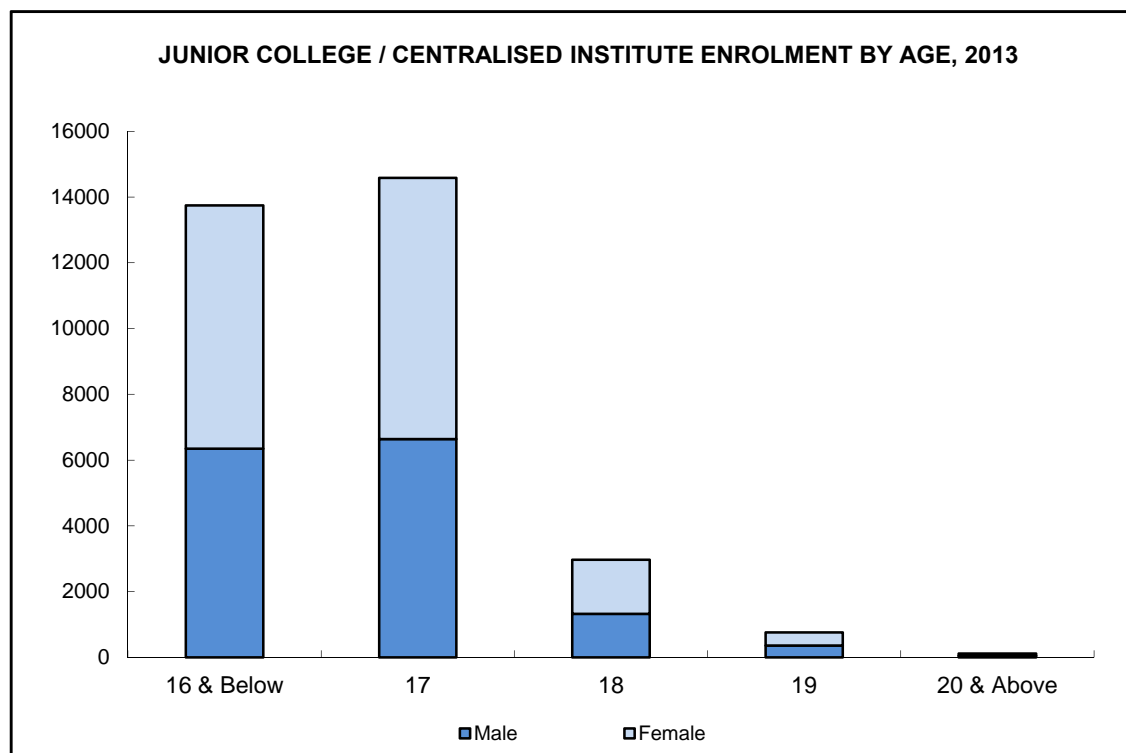
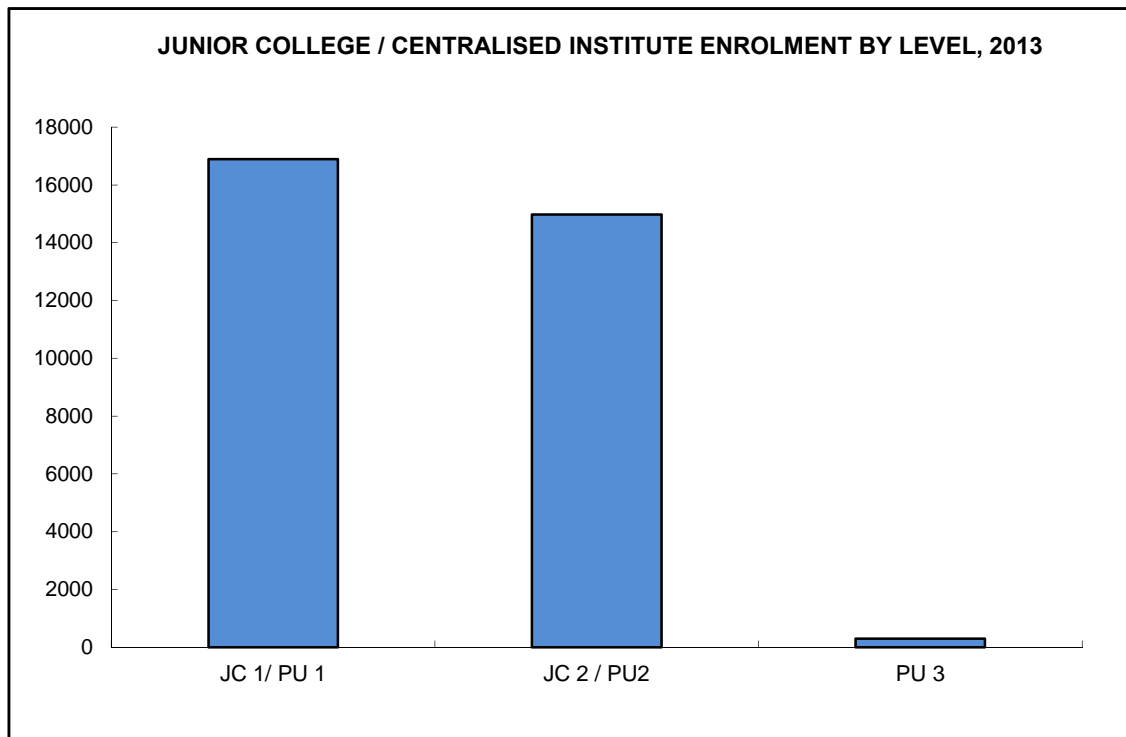


## 6 SECONDARY ENROLMENT BY AGE, LEVEL AND COURSE, 2013

Level & Course	Sex	Age (in years)										Total
		≤ 11	12	13	14	15	16	17	18	19	≥ 20	
<b>Total</b>	<b>MF</b>	<b>2</b>	<b>45170</b>	<b>43450</b>	<b>44159</b>	<b>48530</b>	<b>12469</b>	<b>2636</b>	<b>635</b>	<b>101</b>	<b>13</b>	<b>197165</b>
	<b>F</b>	<b>2</b>	<b>21794</b>	<b>20880</b>	<b>21427</b>	<b>23491</b>	<b>6036</b>	<b>1232</b>	<b>313</b>	<b>37</b>	<b>5</b>	<b>95217</b>
<b>Secondary 1</b>	<b>MF</b>	<b>2</b>	<b>45166</b>	<b>1998</b>	<b>759</b>	<b>147</b>	<b>20</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>48094</b>
	<b>F</b>	<b>2</b>	<b>21790</b>	<b>901</b>	<b>341</b>	<b>63</b>	<b>5</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>23103</b>
Express	MF	2	27524	852	426	57	9	-	-	-	-	28870
	F	2	14135	424	213	24	4	-	-	-	-	14802
Normal(A)	MF	.	12008	496	193	43	7	-	-	-	-	12747
	F	.	5647	214	77	17	0	-	-	-	-	5955
Normal(T)	MF	.	5634	650	140	47	4	2	-	-	-	6477
	F	.	2008	263	51	22	1	1	-	-	-	2346
<b>Secondary 2</b>	<b>MF</b>	<b>-</b>	<b>4</b>	<b>41446</b>	<b>2708</b>	<b>1126</b>	<b>221</b>	<b>43</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>45548</b>
	<b>F</b>	<b>-</b>	<b>4</b>	<b>19976</b>	<b>1234</b>	<b>528</b>	<b>106</b>	<b>19</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>21867</b>
Express	MF	-	4	25714	1139	679	115	20	-	-	-	27671
	F	-	4	13047	593	353	70	10	-	-	-	14077
Normal(A)	MF	-	-	10929	832	289	69	13	-	-	-	12132
	F	-	-	5182	366	118	24	5	-	-	-	5695
Normal(T)	MF	-	-	4803	737	158	37	10	-	-	-	5745
	F	-	-	1747	275	57	12	4	-	-	-	2095
<b>Secondary 3</b>	<b>MF</b>	<b>-</b>	<b>-</b>	<b>6</b>	<b>40685</b>	<b>4088</b>	<b>1551</b>	<b>317</b>	<b>68</b>	<b>-</b>	<b>-</b>	<b>46715</b>
	<b>F</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>19849</b>	<b>1798</b>	<b>731</b>	<b>151</b>	<b>30</b>	<b>-</b>	<b>-</b>	<b>22562</b>
Express	MF	-	-	5	25861	1930	893	177	31	-	-	28897
	F	-	-	2	13468	977	468	90	11	-	-	15016
Normal(A)	MF	-	-	1	10299	1271	454	97	22	-	-	12144
	F	-	-	1	4821	491	188	42	11	-	-	5554
Normal(T)	MF	-	-	.	4525	887	204	43	15	-	-	5674
	F	-	-	.	1560	330	75	19	8	-	-	1992
<b>Secondary 4</b>	<b>MF</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7</b>	<b>43169</b>	<b>4170</b>	<b>1456</b>	<b>342</b>	<b>45</b>	<b>1</b>	<b>49190</b>
	<b>F</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>21102</b>	<b>1906</b>	<b>686</b>	<b>166</b>	<b>19</b>	<b>.</b>	<b>23882</b>
Express	MF	-	-	-	7	27441	2111	828	180	18	.	30585
	F	-	-	-	3	14418	1080	437	100	7	.	16045
Normal(A)	MF	-	-	-	-	10889	1279	480	108	20	.	12776
	F	-	-	-	-	5081	526	198	50	7	.	5862
Normal(T)	MF	-	-	-	-	4839	780	148	54	7	1	5829
	F	-	-	-	-	1603	300	51	16	5	.	1975
<b>Secondary 5</b>	<b>MF</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6507</b>	<b>818</b>	<b>225</b>	<b>56</b>	<b>12</b>	<b>7618</b>
	<b>F</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3288</b>	<b>375</b>	<b>117</b>	<b>18</b>	<b>5</b>	<b>3803</b>

1) Normal(T) also include students on ITE Skills Certificate (ISC) course.

2) All Secondary 5 students are in the Normal (Academic) course.



## 7 JUNIOR COLLEGE / CENTRALISED INSTITUTE ENROLMENT BY AGE AND LEVEL, 2013

Level	Sex	Age (in years)							
		≤ 15	16	17	18	19	20	≥ 21	Total
Total	MF	12	13740	14584	2963	754	98	14	32165
	F	5	7405	7945	1639	398	58	5	17455
JC 1 / PU 1	MF	12	13732	2457	604	74	11	.	16890
	F	5	7399	1370	305	29	6	.	9114
JC 2 / PU 2	MF	.	8	12127	2188	571	67	12	14973
	F	.	6	6575	1218	299	37	5	8140
PU 3	MF	.	.	.	171	109	20	2	302
	F	.	.	.	116	70	15	0	201

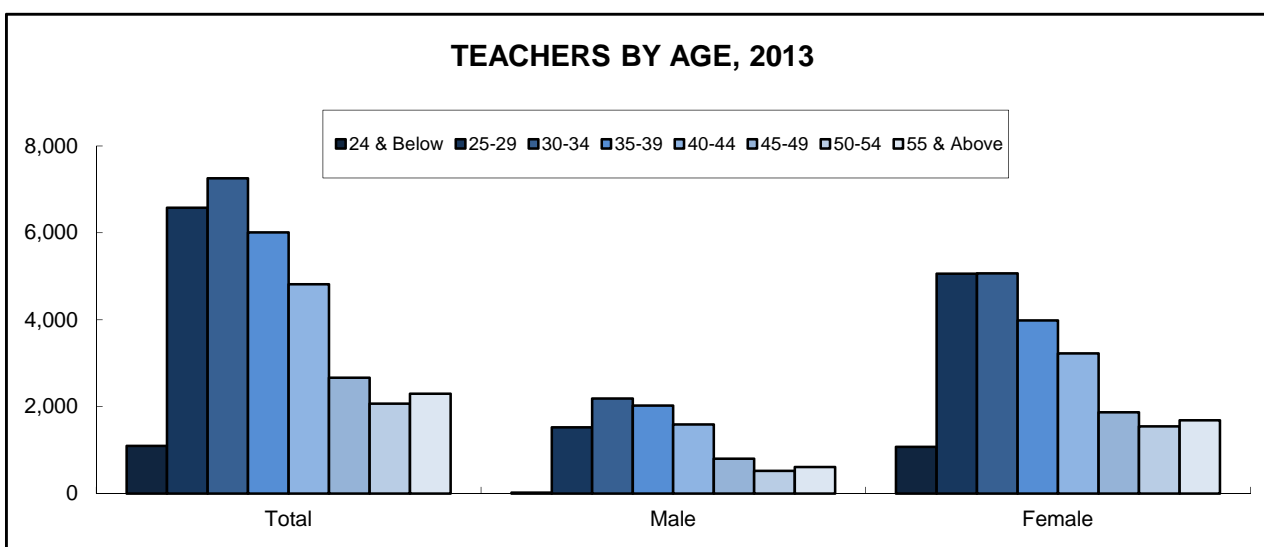
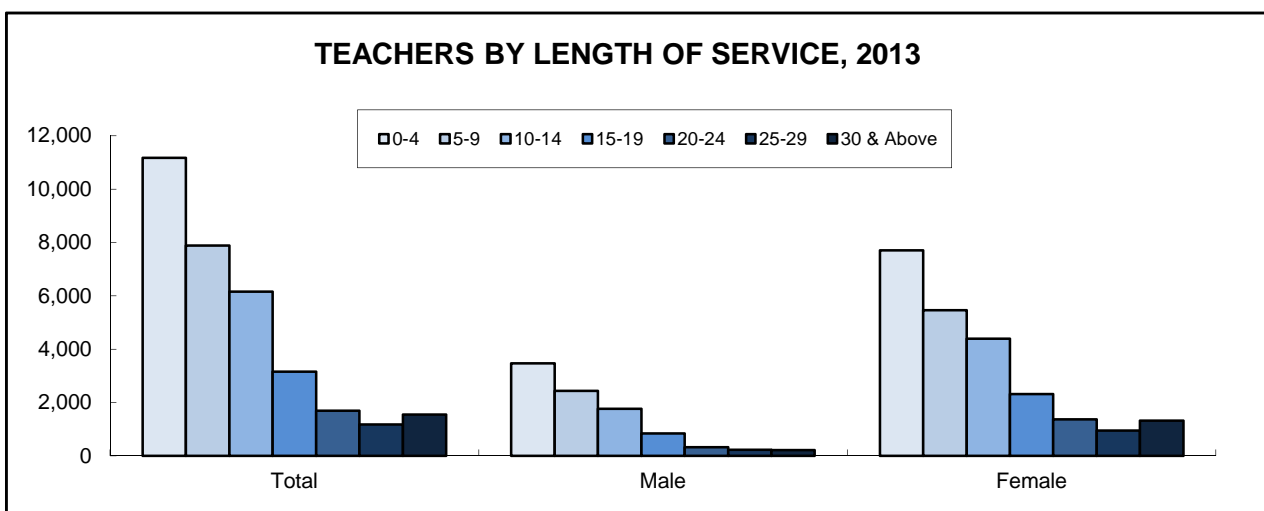
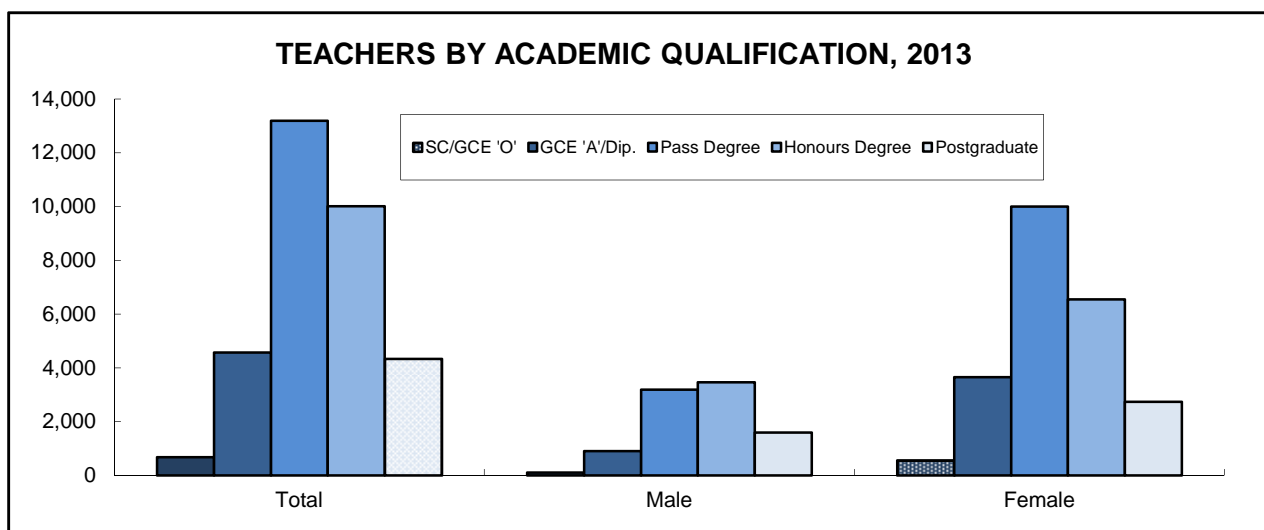
## 8 NUMBER OF SCHOOLS BY LEVEL AND ELECTORAL CONSTITUENCY, 2013

Electoral Constituency	Primary	Secondary	Mixed Level <sup>1</sup>	Junior College / Centralised Institute	Total
<b>Group Representation Constituency</b>					
Aljunied	10	9	0	0	19
Ang Mo Kio	10	10	1	1	22
Bishan-Toa Payoh	7	8	2	0	17
Chua Chu Kang	13	9	0	1	23
East Coast	6	7	1	0	14
Holland-Bukit Timah	9	8	2	0	19
Jurong	7	10	0	1	18
Marine Parade	11	8	1	1	21
Moulmein-Kallang	7	4	3	1	15
Nee Soon	13	11	0	1	25
Pasir Ris-Punggol	20	12	0	1	33
Sembawang	13	11	0	1	25
Tampines	12	9	0	1	22
Tanjong Pagar	7	7	1	0	15
West Coast	7	10	3	1	21
<b>Single-Seat Constituency</b>					
Bukit Panjang	1	0	0	0	1
Hong Kah North	5	3	0	1	9
Hougang	1	1	0	1	3
Joo Chiat	3	2	0	1	6
Mountbatten	2	5	1	0	8
Pioneer	2	1	0	0	3
Potong Pasir	3	2	0	1	6
Punggol East	2	1	0	0	3
Radin Mas	3	2	0	0	5
Sengkang West	5	2	0	0	7
Whampoa	1	0	0	0	1
Yuhua	2	2	0	0	4

Note: 1) The category Mixed-Level comprises of Primary & Secondary Schools (P1-S4/5) and Secondary & Junior Colleges (S1-JC2).

## 9 ENROLMENT BY LEVEL AND ELECTORAL CONSTITUENCY, 2013

Electoral Constituency	Primary	Secondary	Junior College / Centralised Institute	Total
<b>Group Representation Constituency</b>				
Aljunied	11892	10610	1692	24194
Ang Mo Kio	15820	13209	2166	31195
Bishan-Toa Payoh	10586	8554	2052	21192
Chua Chu Kang	19841	17931	3088	40860
East Coast	11509	9675	1779	22963
Holland-Bukit Timah	10606	7786	1698	20090
Jurong	13695	11177	1719	26591
Marine Parade	13586	10952	1996	26534
Moulmein-Kallang	7494	5917	1240	14651
Nee Soon	16647	13035	1597	31279
Pasir Ris-Punggol	23455	17896	2571	43922
Sembawang	20201	17903	1888	39992
Tampines	12571	11566	1526	25663
Tanjong Pagar	10840	7496	1285	19621
West Coast	12565	9328	1659	23552
<b>Single-Seat Constituency</b>				
Bukit Panjang	2887	2672	327	5886
Hong Kah North	3254	2458	268	5980
Hougang	2144	1954	309	4407
Joo Chiat	2319	1656	774	4749
Mountbatten	2393	1720	558	4671
Pioneer	3255	2105	265	5625
Potong Pasir	1357	1204	486	3047
Punggol East	4057	3205	354	7616
Radin Mas	2139	1505	153	3797
Sengkang West	4758	2339	209	7306
Whampoa	1702	1273	196	3171
Yuhua	2017	1633	285	3935





# 10 TEACHERS' ACADEMIC QUALIFICATION, LENGTH OF SERVICE AND AGE BY LEVEL, 2013

	Primary		Secondary		Junior College / Centralised Institute		Total	
	Total	Female	Total	Female	Total	Female	Total	Female
<b>Total</b>	<b>14788</b>	<b>12046</b>	<b>14993</b>	<b>9731</b>	<b>2998</b>	<b>1732</b>	<b>32779</b>	<b>23509</b>
<b>Academic Qualification</b>								
GCE 'O' Level	498	441	171	121	2	0	671	562
GCE 'A' Level/Diploma	3880	3160	679	496	7	2	4566	3658
Pass Degree	5932	4976	6721	4683	535	339	13188	9998
Honours Degree	3120	2418	5158	3113	1739	1018	10017	6549
Masters Degree	1352	1048	2215	1291	666	354	4233	2693
Ph D	6	3	49	27	49	19	104	49
<b>Length of Service</b>								
0 - 4	4562	3542	5559	3555	1056	610	11177	7707
5 - 9	3474	2755	3586	2235	826	467	7886	5457
10 - 14	3278	2663	2459	1514	420	220	6157	4397
15 - 19	1392	1197	1477	957	281	158	3150	2312
20 - 24	968	869	608	434	114	62	1690	1365
25 - 29	456	411	573	447	148	90	1177	948
30 & Above	658	609	731	589	153	125	1542	1323
<b>Age</b>								
24 & Below	499	493	551	539	43	41	1093	1073
25 - 29	2562	2125	3332	2472	685	461	6579	5058
30 - 34	3227	2558	3249	2058	775	451	7251	5067
35 - 39	2920	2301	2569	1433	521	251	6010	3985
40 - 44	2409	1931	2060	1133	349	162	4818	3226
45 - 49	1309	1064	1163	713	194	92	2666	1869
50 - 54	892	752	969	656	206	139	2067	1547
55 & Above	970	822	1100	727	225	135	2295	1684

**11 VICE-PRINCIPALS' ACADEMIC QUALIFICATION, LENGTH OF SERVICE AND AGE BY LEVEL, 2013**

	Primary		Secondary		Junior College / Centralised Institute		Total	
	Total	Female	Total	Female	Total	Female	Total	Female
<b>Total</b>	<b>283</b>	<b>190</b>	<b>322</b>	<b>176</b>	<b>44</b>	<b>19</b>	<b>649</b>	<b>385</b>
<b>Academic Qualification</b>								
GCE 'O' / 'A' Level	18	13	1	0	0	0	19	13
Pass Degree	98	73	90	53	6	3	194	129
Honours Degree	45	26	95	42	14	7	154	75
Masters Degree	120	77	133	80	24	9	277	166
Ph D	2	1	3	1	0	0	5	2
<b>Length of Service</b>								
0 - 9	13	4	22	6	8	2	43	12
10 - 14	58	35	86	37	17	5	161	77
15 - 19	95	50	91	49	8	4	194	103
20 - 24	48	44	33	20	4	2	85	66
25 - 29	35	29	50	32	5	4	90	65
30 & Above	34	28	40	32	2	2	76	62
<b>Age</b>								
29 & below	0	0	0	0	0	0	0	0
30 - 34	6	4	16	10	7	4	29	18
35 - 39	56	37	70	37	16	4	142	78
40 - 44	94	53	94	42	9	4	197	99
45 - 49	61	43	45	21	2	1	108	65
50 - 54	44	35	64	44	9	5	117	84
55 & Above	22	18	33	22	1	1	56	41

## 12 PRINCIPALS' ACADEMIC QUALIFICATION, LENGTH OF SERVICE AND AGE BY LEVEL, 2013

	Primary		Secondary		Junior College / Centralised Institute		Total	
	Total	Female	Total	Female	Total	Female	Total	Female
<b>Total</b>	<b>193</b>	<b>145</b>	<b>171</b>	<b>86</b>	<b>24</b>	<b>14</b>	<b>388</b>	<b>245</b>

### Academic Qualification

GCE 'O' / 'A' Level	9	8	0	0	0	0	9	8
Pass Degree	64	49	31	22	2	0	97	71
Honours Degree	24	16	44	24	4	2	72	42
Masters Degree	96	72	95	40	16	12	207	124
Ph D	0	0	1	0	2	0	3	0

### Length of Service

0 - 9	0	0	1	0	0	0	1	0
10 - 14	13	5	25	4	1	1	39	10
15 - 19	39	25	44	17	1	0	84	42
20 - 24	44	38	28	15	0	0	72	53
25 - 29	41	29	31	22	11	6	83	57
30 & Above	56	48	42	28	11	7	109	83

### Age

29 & Below	0	0	0	0	0	0	0	0
30 - 34	1	1	0	0	0	0	1	1
35 - 39	13	8	16	5	1	1	30	14
40 - 44	40	28	52	20	1	0	93	48
45 - 49	47	37	35	19	0	0	82	56
50 - 54	50	36	36	24	13	7	99	67
55 & Above	42	35	32	18	9	6	83	59

1) Principal includes Principal Designate.

### 13 STATISTICS<sup>1</sup> ON PRIVATE EDUCATION INSTITUTIONS, 2013

Type of Institution	Number of Institutions	Enrolment					
		Full-Time		Part-Time		Total	
		Total	Female	Total	Female	Total	Female
<b>Total</b>	<b>527</b>	<b>79562</b>	<b>38613</b>	<b>0</b>	<b>0</b>	<b>79562</b>	<b>38613</b>
Islamic Religious School	6	3547	2279	-	-	3547	2279
Private Kindergarten	498	68002	33504	-	-	68002	33504
Privately Funded School	3	2433	1099	-	-	2433	1099
Special Education School	20	5580	1731	-	-	5580	1731

Type of Institution	Number of Institutions	Teaching Staff					
		Full-Time		Part-Time		Total	
		Total	Female	Total	Female	Total	Female
<b>Total</b>	<b>527</b>	<b>5791</b>	<b>5385</b>	<b>23</b>	<b>18</b>	<b>5814</b>	<b>5403</b>
Islamic Religious School	6	239	169	-	-	239	169
Private Kindergarten	498	4296	4271	-	-	4296	4271
Privately Funded School	3	218	118	23	18	241	136
Special Education School	20	1038	827	-	-	1038	827

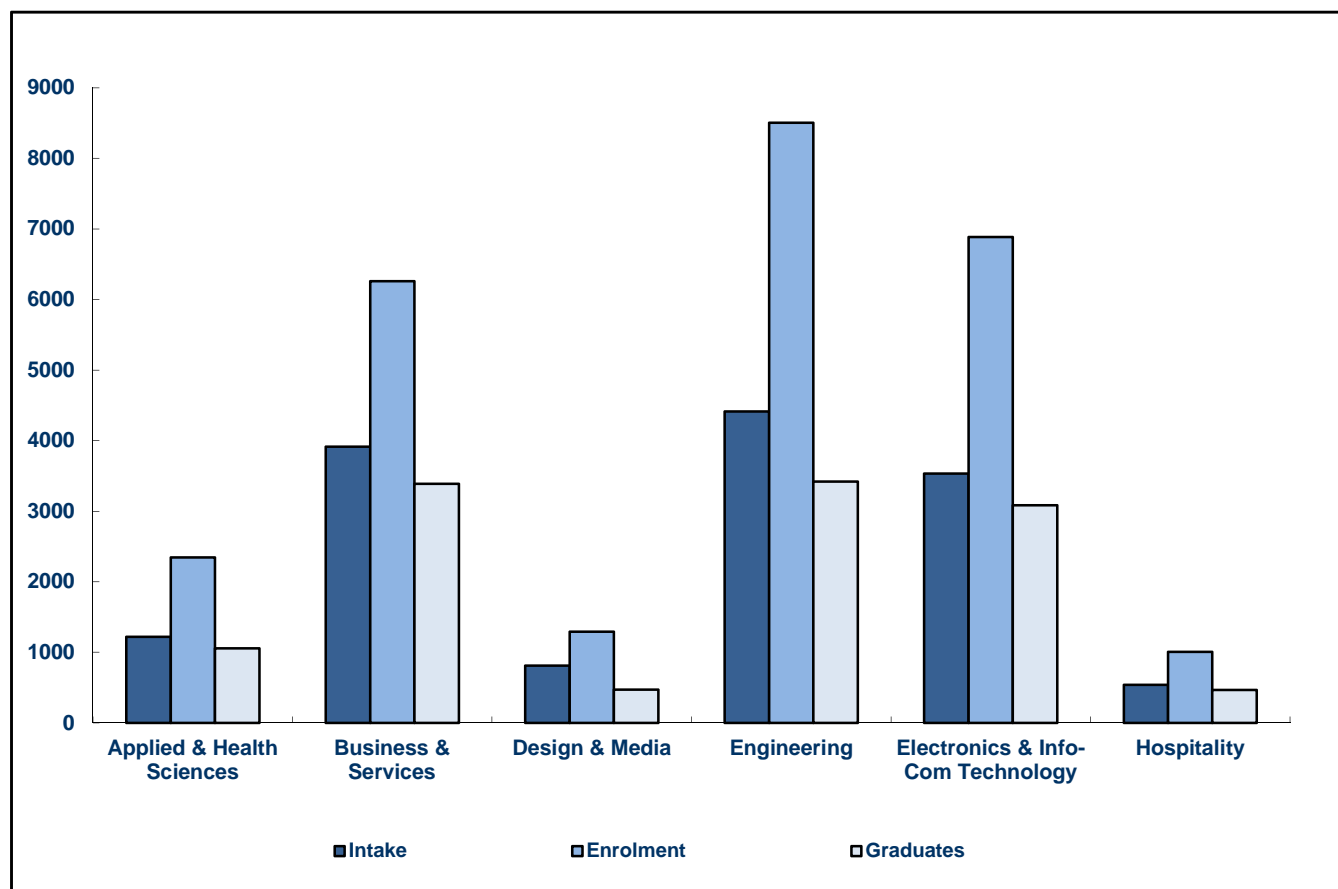
Note : 1) The figures include only private education institutions registered with the Ministry of Education or Early Childhood Development Agency (ECDA).

**ITE, LASALLE, NAFA, POLTECHNIC AND  
UNIVERSITY EDUCATION, 2013**



# 14 INTAKE, ENROLMENT AND GRADUATES OF ITE BY COURSE (FULL-TIME), 2013

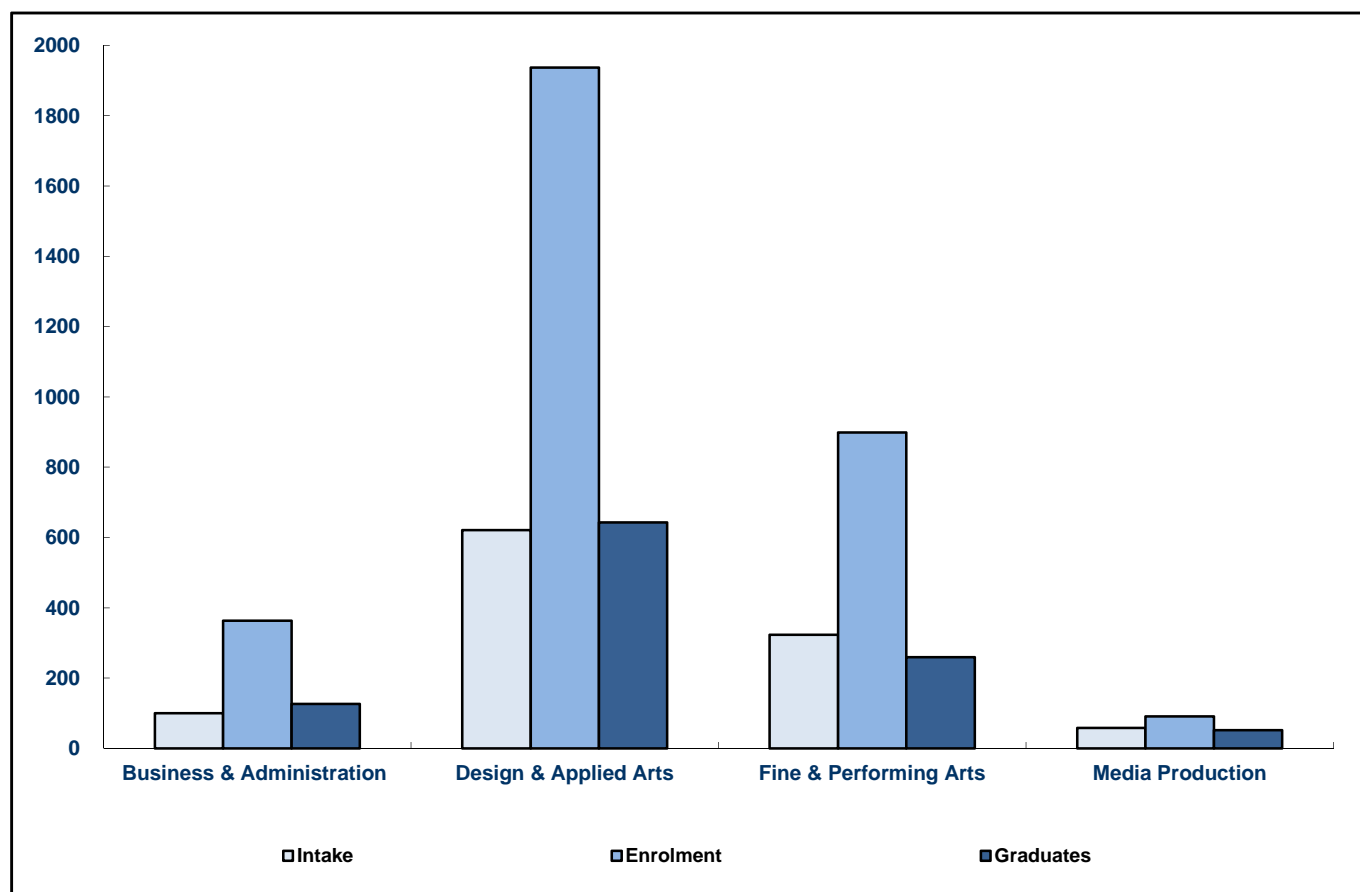
Courses	Intake		Enrolment		Graduates	
	Total	Female	Total	Female	Total	Female
<b>Total</b>	<b>14432</b>	<b>5459</b>	<b>26288</b>	<b>9428</b>	<b>11888</b>	<b>4580</b>
<b>Applied &amp; Health Sciences</b>	1219	750	2346	1470	1058	683
<b>Business &amp; Services</b>	3916	2468	6257	3919	3387	2183
<b>Design &amp; Media</b>	811	386	1291	633	471	229
<b>Engineering</b>	4413	621	8503	1030	3420	411
<b>Electronics &amp; Info-Com Technology</b>	3533	941	6883	1859	3085	848
<b>Hospitality</b>	540	293	1008	517	467	226



# 15 INTAKE, ENROLMENT AND GRADUATES OF LASALLE AND NAFA BY COURSE (FULL-TIME), 2013

Courses	Intake		Enrolment		Graduates	
	Total	Female	Total	Female	Total	Female
<b>Total</b>	<b>1102</b>	<b>743</b>	<b>3290</b>	<b>2188</b>	<b>1080</b>	<b>740</b>
<b>Business &amp; Administration</b>	100	75	363	276	126	107
<b>Design &amp; Applied Arts</b>	621	431	1937	1304	643	423
<b>Fine &amp; Performing Arts</b>	323	209	899	571	259	184
<b>Media Production</b>	58	28	91	37	52	26

Note: 1) Figures for LASALLE College of the Arts and Nanyang Academy of Fine Arts (NAFA) are for full-time diploma courses only.  
2) Intake includes direct entry to second and subsequent years.

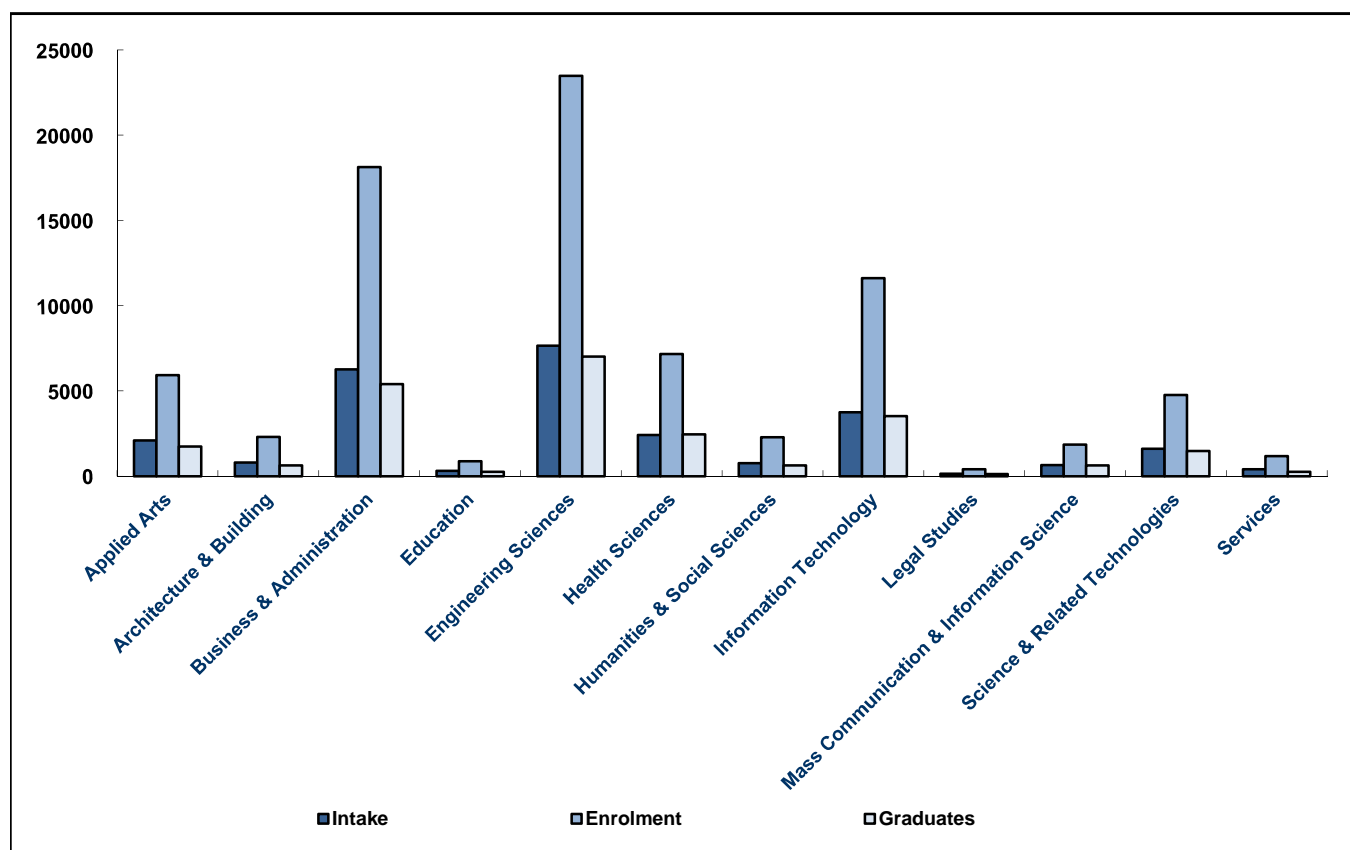




# 16 INTAKE, ENROLMENT AND GRADUATES OF POLYTECHNICS BY COURSE (FULL-TIME), 2013

Courses	Intake		Enrolment		Graduates	
	Total	Female	Total	Female	Total	Female
<b>Total</b>	<b>26879</b>	<b>12942</b>	<b>79970</b>	<b>38119</b>	<b>24157</b>	<b>11860</b>
<b>Applied Arts</b>	2097	1214	5935	3389	1746	963
<b>Architecture &amp; Building</b>	796	447	2296	1310	630	353
<b>Business &amp; Administration</b>	6267	3861	18117	11087	5400	3365
<b>Education</b>	323	288	880	805	262	250
<b>Engineering Sciences</b>	7655	1691	23474	5205	7016	1618
<b>Health Sciences</b>	2410	1842	7162	5413	2454	1853
<b>Humanities &amp; Social Sciences</b>	756	425	2290	1278	627	369
<b>Information Technology</b>	3756	1431	11622	4520	3523	1509
<b>Legal Studies</b>	140	76	405	218	132	78
<b>Mass Communication &amp; Information Science</b>	661	473	1850	1328	638	463
<b>Science &amp; Related Technologies</b>	1602	992	4765	2980	1469	922
<b>Services</b>	416	202	1174	586	260	117

Note: 1) Intake, Enrolment and Graduate figures refer to diploma courses only. Intake exclude students on Poly-Foundation Programme.  
2) Intake includes direct entry to second year.

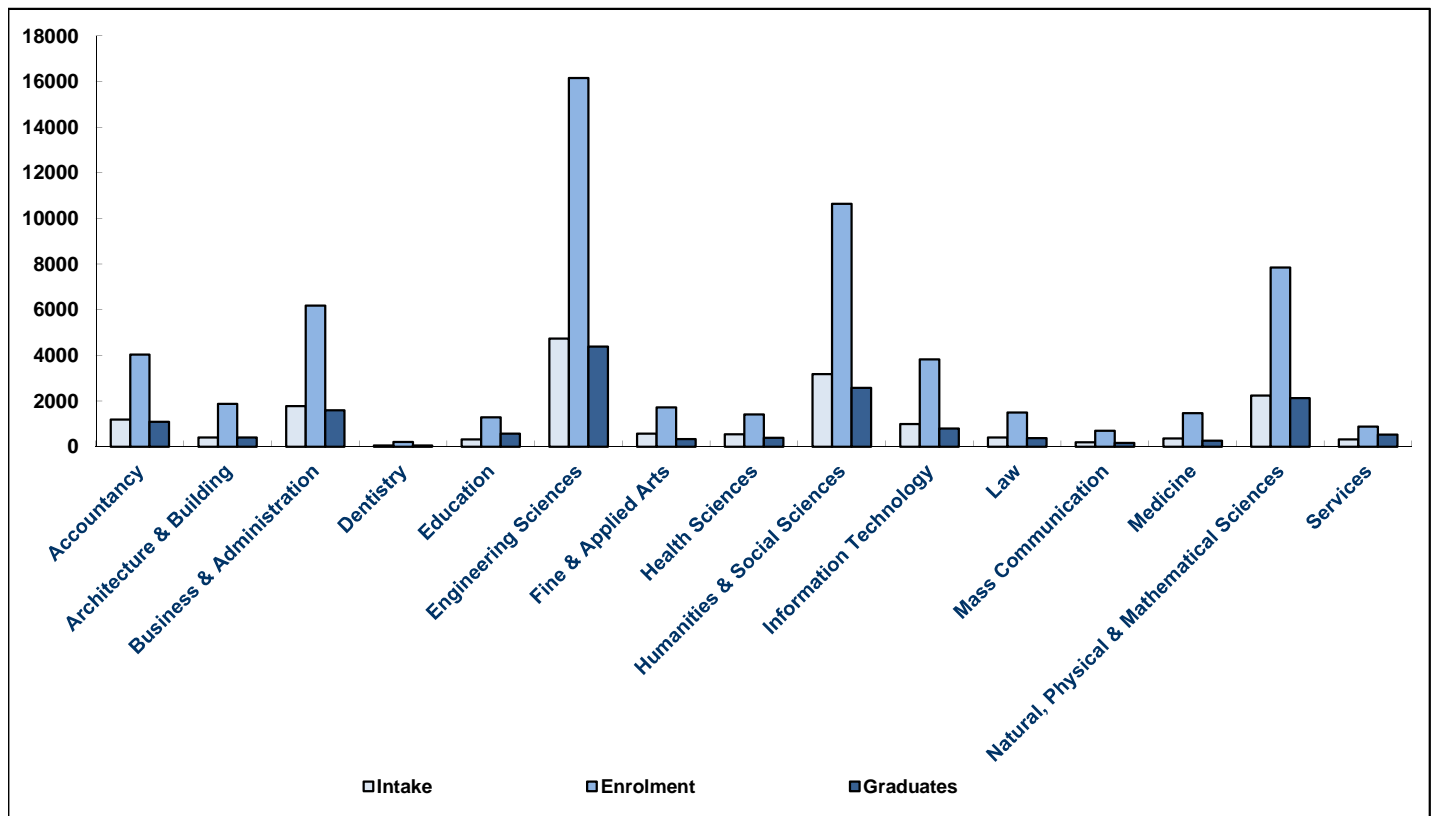


# 17 INTAKE, ENROLMENT AND GRADUATES OF UNIVERSITIES BY COURSE (FULL-TIME), 2013

Courses	Intake		Enrolment		Graduates	
	Total	Female	Total	Female	Total	Female
<b>Total</b>	<b>17261</b>	<b>8939</b>	<b>59748</b>	<b>30335</b>	<b>15634</b>	<b>8069</b>
Accountancy	1185	679	4042	2274	1087	688
Architecture & Building	404	222	1883	1123	401	258
Business & Administration	1780	977	6188	3406	1590	897
Dentistry	54	31	207	124	48	27
Education	314	246	1282	975	565	402
Engineering Sciences	4738	1484	16162	4884	4393	1263
Fine & Applied Arts	570	278	1715	875	336	164
Health Sciences	542	404	1409	1025	391	296
Humanities & Social Sciences	3186	2132	10642	7095	2584	1766
Information Technology	991	346	3824	1305	792	250
Law	403	208	1491	736	368	179
Mass Communication	186	135	702	529	162	100
Medicine	354	189	1469	744	258	124
Natural, Physical & Mathematical Sciences	2237	1430	7853	4713	2127	1257
Services	317	178	879	527	532	398

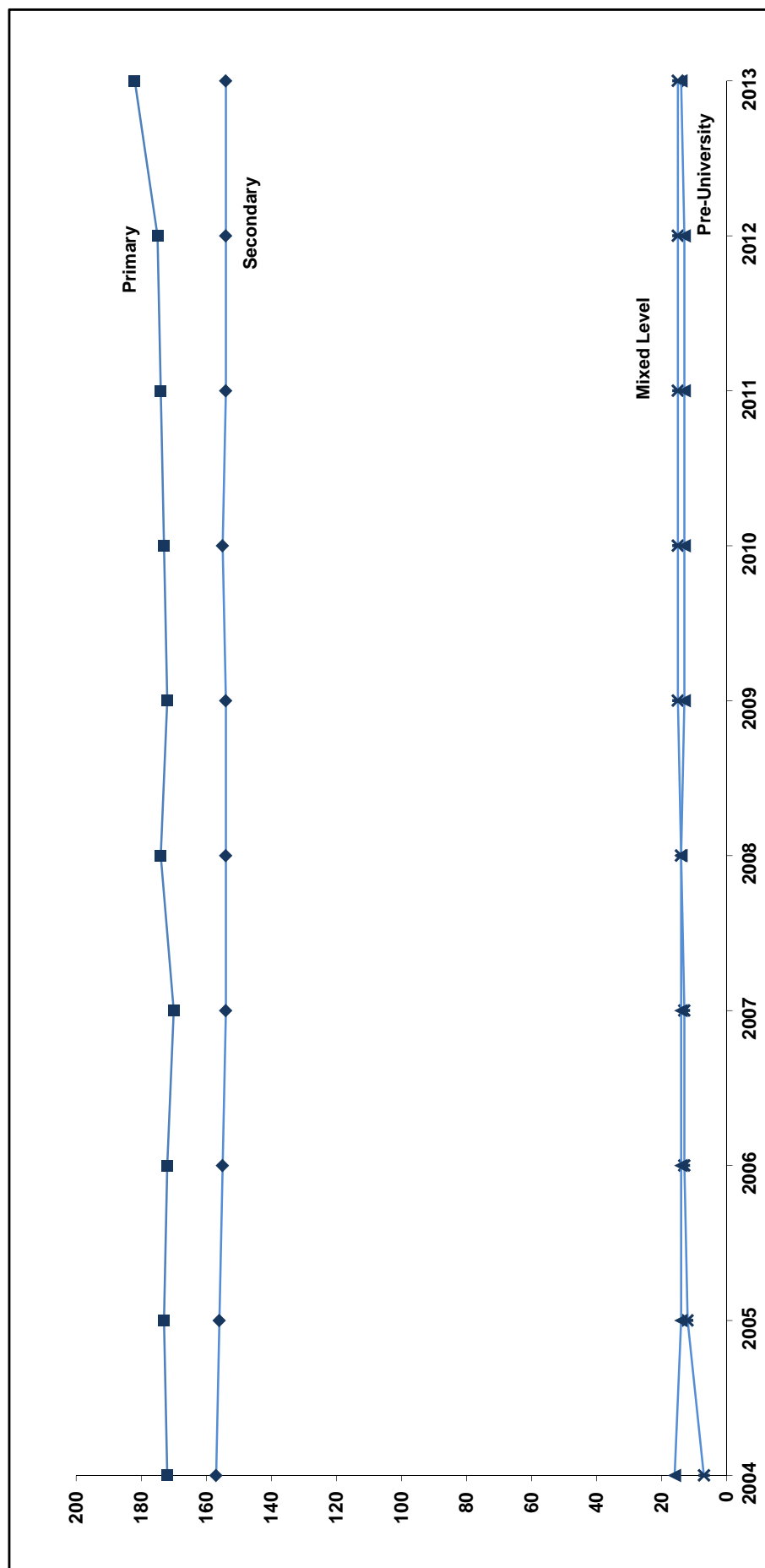
Note: 1) Intake, Enrolment and Graduates figures refer to 1st degree only.

2) Intake includes direct entry to second and subsequent years.



## **STATISTICAL SERIES**

## NUMBER OF SCHOOLS BY LEVEL



## 18 NUMBER OF SCHOOLS BY LEVEL AND TYPE

Year	Primary			Secondary					Mixed Level <sup>1</sup>					Pre-University					Grand Total
	Govt	Aided	Total	Govt	Aided	Indep	Spec	Spec'd	Total	Govt	Aided	Indep	Spec	Indep	Junior College <sup>2</sup>		Centralised Institute <sup>3</sup>	Total <sup>4</sup>	
															Govt	Aided			
1960	165	248	413	27	21	-	-	-	48	1	31	-	-	-	-	-	-	-	493
1970	198	190	388	68	17	-	-	-	85	-	30	-	-	-	-	1	-	1	504
1980	199	114	313	84	23	-	-	-	107	-	23	-	-	-	-	2	5	7	450
1990	157	43	200	102	27	4	-	-	133	-	7	2	-	-	-	9	5	18	360
2000	155	40	195	123	28	6	-	-	157	-	4	2	-	-	-	10	5	17	375
2004	131	41	172	123	28	5	1	-	157	1	3	3	-	-	-	10	4	1	352
2005	132	41	173	123	28	4	1	-	156	4	3	4	1	1	1	8	4	1	355
2006	131	41	172	122	28	4	1	-	155	5	3	4	1	1	1	8	4	1	354
2007	129	41	170	120	28	4	1	1	154	5	3	4	1	1	1	8	4	1	351
2008	133	41	174	120	28	4	1	1	154	5	3	4	2	1	1	8	4	1	356
2009	131	41	172	120	28	3	1	2	154	5	3	5	2	2	1	8	4	-	354
2010	132	41	173	120	28	3	2	2	155	5	3	5	2	2	1	8	4	-	356
2011	133	41	174	119	28	3	2	2	154	5	3	5	2	2	1	8	4	-	356
2012	134	41	175	119	28	3	2	2	154	5	3	5	2	2	1	8	4	-	357
2013	141	41	182	119	28	2	2	3	154	4	3	6	2	2	1	9	4	1	365

Note: 1) The category Mixed Level, which caters to schools with multiple levels, encompasses Primary & Secondary Schools (P1-S4/5), Secondary & Junior College Schools (S1-JC2); and Upper Secondary and Junior College (S3-JC2). Figures prior to 2004 refer only to Primary and Secondary Schools and are classified by type according to their secondary sections.

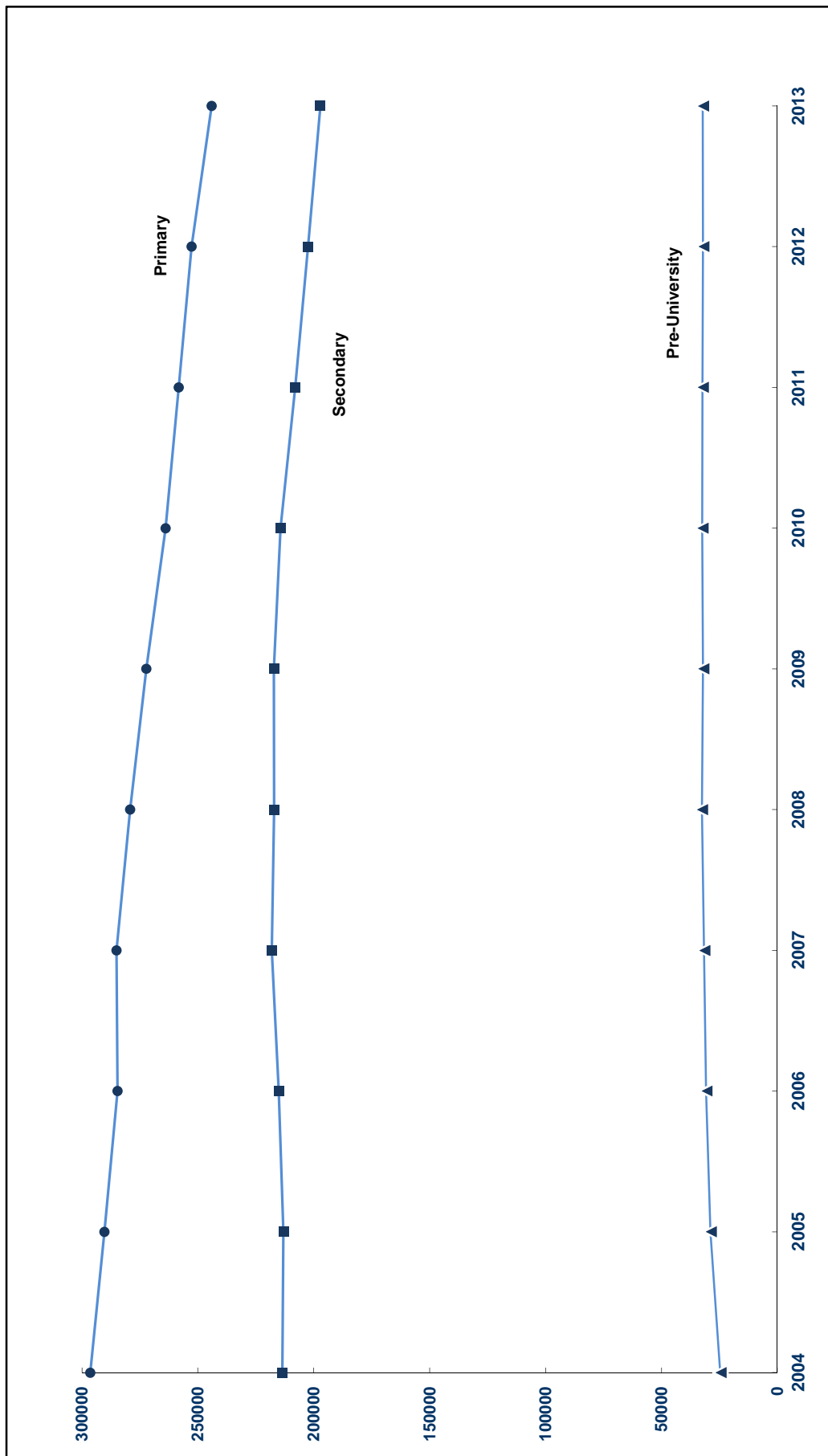
2) The first junior college (National Junior College) for pre-university studies was opened in 1969.

3) Centralised Institutes, which provide a 3-year pre-university course leading to GCE A-level certification, were introduced in 1987.

4) Figures exclude the number of Pre-U Centres, which are indicated in parenthesis. Introduced in 1979, Pre-U Centres are secondary schools that also offer a 3-year pre-university course leading to GCE A-level certification.

5) "Spec Indep" refers to "Specialised Independent" and "Spec'd" refers to "Specialised".

## ENROLMENT BY LEVEL



# 19 ENROLMENT BY LEVEL AND SCHOOL TYPE

Year	Sex	Primary			Secondary					Pre-University					Grand Total	
		Govt	Aided	Total	Govt	Aided	Auto	Indep	Total	Govt	Aided	Auto	Indep	Total		
1960	MF	139932	143104	283036	26300	24623	-	-	50923	1298	3830	-	-	5128	339087	
1970	F	61636	63430	125066	8484	11607	-	-	20091	330	1442	-	-	1772	146929	
	MF	233692	129150	362842	97997	35408	-	-	133405	5877	3991	-	-	9868	506115	
1980	F	108947	60472	169419	46472	18830	-	-	65302	2664	1627	-	-	4291	239012	
	MF	214187	77323	291510	115185	40348	-	-	155533	9826	6446	-	-	16272	463315	
1990	F	101232	37971	139203	57734	21034	-	-	78768	5799	3819	-	-	9618	227589	
	MF	195994	61763	257757	116693	35589	-	8260	160542	21107	8107	-	-	29214	447513	
2000	F	91747	30437	122184	56741	20036	-	1654	78431	12110	4268	-	-	16378	216993	
	MF	223272	82433	305705	110154	27902	25262	12087	175405	16452	8352	-	-	24804	505914	
2004	F	106443	40964	147407	50805	13659	14075	5315	83854	9141	4365	-	-	13506	244767	
	MF	216261	80158	296419	138591	26336	35513	13094	213534	17040	5929	-	1712	24681	534634	
2005	F	103011	39925	142936	64585	11416	21378	5757	103136	9110	3143	-	917	13170	259242	
	MF	210836	79425	290261	136118	26875	36677	13393	213063	18160	6883	-	3858	28901	532225	
2006	F	100211	39716	139927	63470	11587	21938	5820	102815	9872	3706	-	1964	15542	258284	
	MF	206123	78477	284600	136047	27240	38053	13757	215097	18933	7067	-	4726	30726	530423	
2007	F	97689	39273	136962	63348	11762	22915	5941	103966	10428	3794	-	2312	16534	257462	
	MF	206678	78370	285048	137626	27471	38270	14695	218062	19095	6949	128	5455	31627	534737	
2008	F	97710	39299	137009	64094	11765	23005	6270	105134	10608	3888	93	2557	17146	259289	
	MF	Govt	Aided	Total	Govt	Aided	Indep	Spec	Spec'd	Total	Govt	Aided	Indep	Spec	Total	
2009	MF	202547	76725	279272	158328	43490	13225	1367	671	217081	19845	6947	5611	176	32579	528932
	F	95763	38643	134406	76170	21856	5796	631	212	104665	11162	3864	2639	84	17749	256820
2010	MF	196830	75424	272254	157904	43367	13309	1567	1083	217230	19478	6712	5657	263	32110	521594
	F	93145	38181	131326	75849	21814	5850	752	361	104626	11152	3653	2668	96	17569	253521
2011	MF	189999	73907	263906	155033	42934	13260	1953	1208	214388	19440	6877	5717	386	32420	510714
	F	90030	37507	127537	74437	21661	5824	945	412	103279	11100	3816	2717	136	17769	248585
2012	MF	185451	72842	258293	148912	42412	13118	2212	1320	207974	19138	6821	5824	513	32296	498563
	F	87858	36953	124811	71537	21546	5789	1024	450	100346	10802	3742	2782	239	17565	242722
2013	MF	180829	71906	252735	143943	41620	13024	2465	1468	202520	19035	6618	5811	623	32087	487342
	F	85837	36617	122454	69240	21119	5723	1119	522	97723	10834	3536	2809	332	17511	237688
2013	MF	173721	70324	244045	139542	40456	12759	2693	1715	197165	19109	6545	5881	630	32165	473375
	F	82692	35930	118622	67269	20512	5619	1200	617	95217	10797	3456	2874	328	17455	231294

Note: 1) From 1996 onwards, data are as of October. Prior to 1996, data are as of June.

2) Enrolment in Pre-University Course include enrolment in Junior Colleges, Centralised Institutes and Pre-U Centres.

## 20 PRIMARY ENROLMENT BY LEVEL AND STREAM

Year	Sex	Pri 1	Pri 2	Pri 3	Primary 4			Primary 5			Primary 6			Total
					Norm	Extd	Mono	Norm	Extd	Mono	Norm	Extd	Mono	
1960	MF	60049	59052	51087	43395	-	-	38241	-	-	31212	-	-	283036
	F	28100	26679	22424	18594	-	-	16484	-	-	12785	-	-	125066
1970	MF	55557	55070	57585	59440	-	-	60272	-	-	74918	-	-	362842
	F	26856	26533	27307	27970	-	-	28408	-	-	32345	-	-	169419
1980	MF	46377	49655	47495	45994	4670	2189	45374	-	-	49756	-	-	291510
	F	22460	23800	22595	22015	1657	650	22011	-	-	24015	-	-	139203
1990	MF	39317	41582	41254	36086	2620	1695	33444	5155	1643	32508	3981	2066	257757 <sup>2</sup>
	F	18803	19789	19787	17773	1001	563	16384	2178	584	16324	1689	726	122184
2000	MF	50204	49844	50019	52116	-	-	EM1	EM2	EM3	EM1	EM2	EM3	305705
	F	24215	24144	24254	25156	-	-	10238	34369	4142	9239	36959	8575	147407
								5639	16238	1558	5170	17757	3276	
								Merged stream <sup>3</sup>			Merged stream <sup>3</sup>			
2004	MF	47256	48905	49035	49929	-	-	47210	3189	3189	45402	5493	5493	296419
	F	22778	23514	23579	24160	-	-	23259	1140	1140	22596	1910	1910	142936
2005	MF	43492	47348	49070	49217	-	-	46525	3485	3485	45667	5457	5457	290261
	F	21009	22848	23604	23646	-	-	22950	1250	1250	22711	1909	1909	139927
2006	MF	43914	43652	47697	49368	-	-	46198	3116	3116	45100	5555	5555	284600
	F	21016	21080	23017	23751	-	-	22579	1112	1112	22433	1974	1974	136962
2007	MF	47964	44370	44502	48345	-	-	46618	3166	3166	44834	5249	5249	285048
	F	23018	21250	21492	23326	-	-	22866	1072	1072	22140	1845	1845	137009
2008	MF	42880	47994	45019	44926	-	-	48307	-	-	44756	5390	5390	279272
	F	20678	23022	21597	21716	-	-	23307	-	-	22193	1893	1893	134406
2009	MF	42489	42765	48218	45200	-	-	44789	-	-	48793	-	-	272254
	F	20659	20662	23111	21692	-	-	21685	-	-	23517	-	-	131326
2010	MF	39595	42405	43022	48418	-	-	45141	-	-	45325	-	-	263906
	F	19274	20635	20798	23224	-	-	21680	-	-	21926	-	-	127537
2011	MF	39295	39492	42542	43165	-	-	48281	-	-	45518	-	-	258293
	F	18991	19252	20712	20833	-	-	23165	-	-	21858	-	-	124811
2012	MF	39582	39258	39610	42652	-	-	43042	-	-	48591	-	-	252735
	F	19300	18994	19310	20780	-	-	20787	-	-	23283	-	-	122454
2013	MF	40168	39407	39273	39510	-	-	42384	-	-	43303	-	-	244045
	F	19566	19232	19013	19279	-	-	20652	-	-	20880	-	-	118622

Note: 1) The channelling of Primary 3 pupils into Primary 4 Normal, Extended and Monolingual streams was last implemented in 1989/90, and was replaced in 1991/92 by Channelling at Primary 4 into Primary 5 EM1, EM2 and EM3 streams.

2) Total primary enrolment includes Primary 7 and Primary 8 students from the Extended and Monolingual streams.

3) From 2004, the distinction between the EM1 and EM2 streams was removed and schools were given the autonomy to decide on how best to band their pupils by ability, in ways that add the most educational value.

From 2008, subject-based Banding was introduced in Primary 5 cohort to replace the EM3 stream.



## 21.1 SECONDARY ENROLMENT BY LEVEL AND COURSE

Year	Sex	Secondary 1				Secondary 2				Secondary 3						
		Special	Express <sup>1</sup>	Normal (Acad)	Normal (Tech)	Total	Special	Express <sup>1</sup>	Normal (Acad)	Normal (Tech)	Total	Special	Express	Normal (Acad)	Normal (Tech)	Total
1960	MF	-	20842	-	-	20842	-	13048	-	-	13048	-	9333	-	-	9333
	F	-	8040	-	-	8040	-	5597	-	-	5597	-	3710	-	-	3710
1970	MF	-	38200	-	-	38200	-	36970	-	-	36970	-	30485	-	-	30485
	F	-	18886	-	-	18886	-	17701	-	-	17701	-	15071	-	-	15071
1980	MF	1511	45489	-	-	47000	1737	39068	-	-	40805	-	34803	-	-	34803
	F	800	22509	-	-	23309	978	19765	-	-	20743	-	17860	-	-	17860
1990	MF	2354	20113	13292	-	35759	2278	22336	13167	-	37781	2228	21503	12623	-	36354
	F	1133	10027	6279	-	17439	1134	11114	6093	-	18341	1092	10790	5897	-	17779
2000	MF	4182	22585	9855	7795	44417	3766	19939	9472	5808	38985	4329	22573	10609	5975	43486
	F	2239	11301	4687	3160	21387	1997	10126	4270	2359	18752	2262	11353	4738	2386	20739
2004	MF	4696	26856	11596	7310	50458	4541	28001	13257	6325	52124	4638	26538	12941	6893	51010
	F	2699	13695	5269	2801	24464	2491	14486	6008	2195	25180	2512	13492	5779	2559	24342
2005	MF	4379	26514	12468	6869	50230	4745	26768	12357	6986	50856	4995	28493	14329	6093	53910
	F	2479	13500	5836	2494	24309	2749	13754	5554	2637	24694	2733	14779	6359	2097	25968
2006	MF	4262	26973	12419	7118	50772	4316	26747	13191	6553	50807	5155	27541	13557	6774	53027
	F	2324	13850	5746	2619	24539	2475	13707	6043	2365	24590	2934	14121	5956	2519	25530
2007	MF	4238	27396	11981	7072	50687	4277	27473	13282	6994	52026	4818	27856	14386	6600	53660
	F	2380	13892	5640	2593	24505	2346	14201	6059	2530	25136	2698	14281	6386	2364	25729
2008	MF	-	30873	12811	6530	50214	4156	27781	12879	7014	51830	4751	28456	14481	6869	54557
	F	-	15958	5956	2210	24124	2349	14251	5976	2518	25094	2574	14743	6373	2478	26168
2009	MF	-	30808	12489	6786	50083	-	31159	13445	6439	51043	4626	28959	13932	6923	54440
	F	-	15882	5811	2384	24077	-	16222	6143	2172	24537	2572	14919	6214	2461	26166
2010	MF	-	29785	12394	6491	48670	-	31296	12978	6661	50935	-	32933	14048	6197	53178
	F	-	15417	5832	2260	23509	-	16230	6023	2285	24538	-	17140	6287	2047	25474
2011	MF	-	27732	11436	6045	45213	-	30226	12882	6248	49356	-	32869	13579	6513	52961
	F	-	14240	5475	2172	21887	-	15746	5984	2146	23876	-	17069	6151	2215	25435
2012	MF	-	27293	11848	6057	45198	-	28038	11825	5842	45705	-	31387	13324	6084	50795
	F	-	13803	5636	2289	21728	-	14507	5551	2071	22129	-	16378	6083	2069	24530
2013	MF	-	28870	12747	6477	48094	-	27671	12132	5745	45548	-	28897	12144	5674	46715
	F	-	14802	5955	2346	23103	-	14077	5695	2095	21867	-	15016	5554	1992	22562

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Note: 1) Special and Express streams were merged starting from Secondary 1, 2008.

2) Normal(Tech) also include students on ITE Skill Certificate (ISC) course.

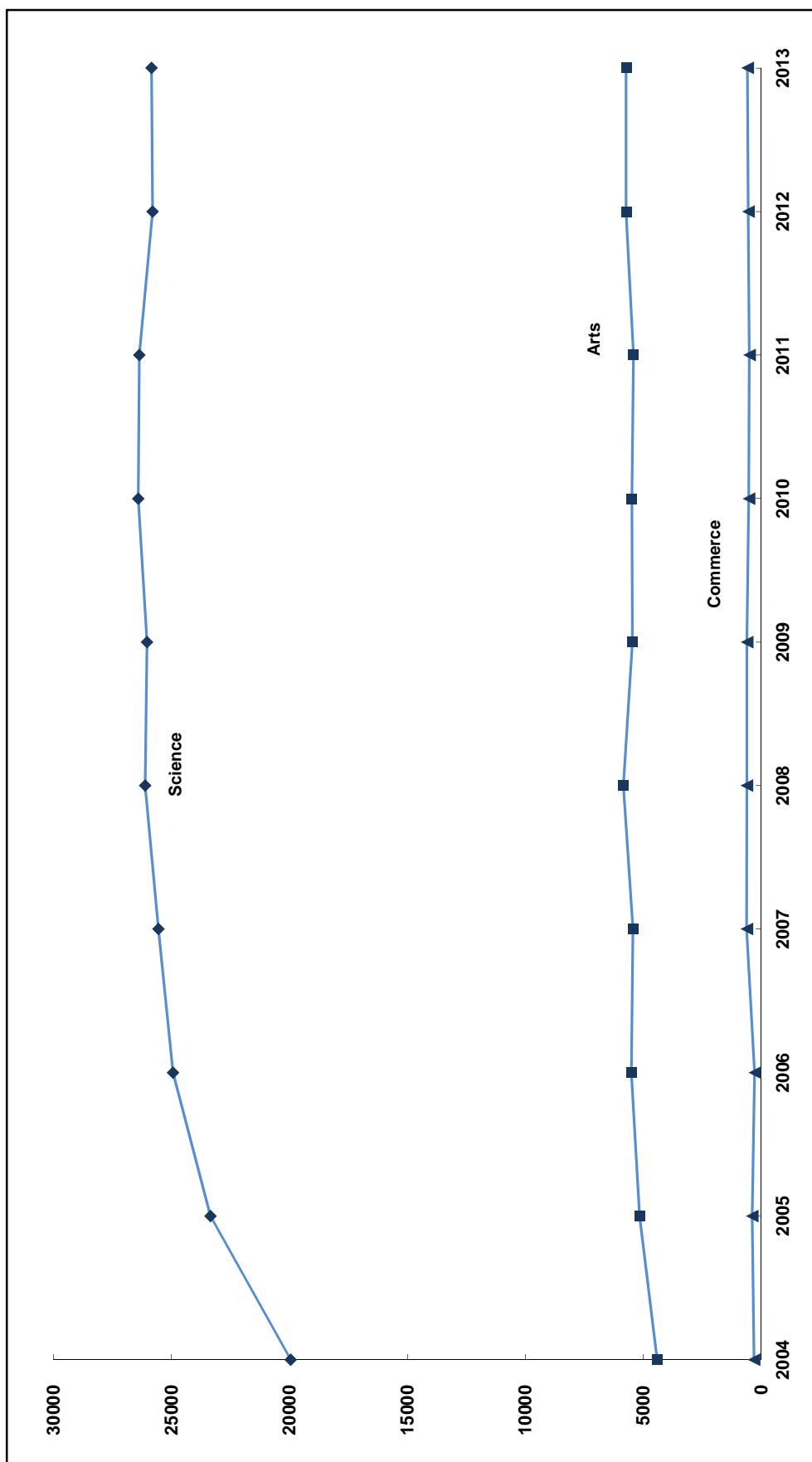
## 21.2 SECONDARY ENROLMENT BY LEVEL AND COURSE

Year	Sex	Secondary 4					Sec 5	Total				Grand Total
		Special	Express	Normal (Acad)	Normal (Tech)	Total		Special	Express	Normal (Acad)	Normal (Tech)	
1960	MF	-	7700	-	-	7700	-	-	50923	-	-	50923
	F	-	2744	-	-	2744	-	-	20091	-	-	20091
1970	MF	-	27750	-	-	27750	-	-	133405	-	-	133405
	F	-	13644	-	-	13644	-	-	65302	-	-	65302
1980	MF	-	32925	-	-	32925	-	3248	152285	-	-	155533
	F	-	16856	-	-	16856	-	1778	76990	-	-	78768
1990	MF	2167	23733	13197	-	39097	11551	9027	87685	63830	-	160542
	F	1071	11890	6249	-	19210	5662	4430	43821	30180	-	78431
2000	MF	4100	21299	10058	5654	41111	7406	16377	86396	47400	25232	175405
	F	2239	10797	4457	2110	19603	3373	8737	43577	21525	10015	83854
2004	MF	4688	27285	12636	7239	51848	8094	18563	108680	58524	27767	213534
	F	2613	14170	5665	2760	25208	3942	10315	55843	26663	10315	103136
2005	MF	4370	25542	12014	6536	48462	9605	18489	107317	60773	26484	213063
	F	2433	13031	5412	2433	23309	4535	10394	55064	27696	9661	102815
2006	MF	4764	27503	13377	5819	51463	9028	18497	108764	61572	26264	215097
	F	2670	14358	5992	1998	25018	4289	10403	56036	28026	9501	103966
2007	MF	4894	26771	13072	6788	51525	10164	18227	109496	62885	27454	218062
	F	2821	13840	5819	2503	24983	4781	10245	56214	28685	9990	105134
2008	MF	4629	26648	13333	6309	50919	9561	13536	113758	63065	26722	217081
	F	2647	13795	5994	2239	24675	4604	7570	58747	28903	9445	104665
2009	MF	4535	27488	13479	6684	52186	9478	9161	118414	62823	26832	217230
	F	2468	14378	6052	2410	25308	4538	5040	61401	28758	9427	104626
2010	MF	4053	28356	13003	6661	52073	9532	4053	122370	61955	26010	214388
	F	2498	14509	5931	2353	25291	4467	2498	63296	28540	8945	103279
2011	MF	-	31984	13307	5972	51263	9181	-	122811	60385	24778	207974
	F	-	16760	6016	1960	24736	4412	-	63815	28038	8493	100346
2012	MF	-	32011	13084	6230	51325	9497	-	118729	59578	24213	202520
	F	-	16717	5991	2099	24807	4529	-	61405	27790	8528	97723
2013	MF	-	30585	12776	5829	49190	7618	-	116023	57417	23725	197165
	F	-	16045	5862	1975	23882	3803	-	59940	26869	8408	95217

## 22 PRE-UNIVERSITY ENROLMENT BY LEVEL

Year	Sex	Junior College			Centralised Institute				Pre-U Centre				Grand Total
		JC1	JC2	Total	PU1	PU2	PU3	Total	PU1	PU2	PU3	Total	
1960	MF	-	-	-	-	-	-	-	2809	2319	-	5128	5128
1970	F	-	-	-	-	-	-	-	934	838	-	1772	1772
	MF	454	564	1018	-	-	-	-	4735	4115	-	8850	9868
1980	F	221	276	497	-	-	-	-	2091	1703	-	3794	4291
	MF	5669	5239	10908	-	-	-	-	2911	2453	-	5364	16272
1990	F	3253	3069	6322	-	-	-	-	1797	1499	-	3296	9618
	MF	11047	11048	22095	1509	1067	626	3202	1023	1260	1634	3917	29214
2000	F	5823	5802	11625	1052	752	427	2231	668	805	1049	2522	16378
	MF	11797	11903	23700	394	421	289	1104	-	-	-	-	24804
	F	6286	6520	12806	257	251	192	700	-	-	-	-	13506
2004	MF	12991	10721	23712	444	279	246	969	-	-	-	-	24681
	F	6893	5673	12566	289	161	154	604	-	-	-	-	13170
2005	MF	15616	12124	27740	557	375	229	1161	-	-	-	-	28901
	F	8350	6434	14784	371	252	135	758	-	-	-	-	15542
2006	MF	14633	14821	29454	511	437	324	1272	-	-	-	-	30726
	F	7760	7945	15705	323	290	216	829	-	-	-	-	16534
2007	MF	16435	13664	30099	721	416	391	1528	-	-	-	-	31627
	F	8863	7304	16167	450	264	265	979	-	-	-	-	17146
2008	MF	16148	14864	31012	688	559	320	1567	-	-	-	-	32579
	F	8712	8023	16735	451	356	207	1014	-	-	-	-	17749
2009	MF	16121	14547	30668	618	467	357	1442	-	-	-	-	32110
	F	8810	7837	16647	391	303	228	922	-	-	-	-	17569
2010	MF	16327	14724	31051	571	441	357	1369	-	-	-	-	32420
	F	8836	8030	16866	385	283	235	903	-	-	-	-	17769
2011	MF	16195	14771	30966	551	432	347	1330	-	-	-	-	32296
	F	8742	7952	16694	361	276	234	871	-	-	-	-	17565
2012	MF	16155	14659	30814	572	364	337	1273	-	-	-	-	32087
	F	8801	7894	16695	357	240	219	816	-	-	-	-	17511
2013	MF	16261	14601	30862	629	372	302	1303	-	-	-	-	32165
	F	8742	7906	16648	372	234	201	807	-	-	-	-	17455

## PRE-UNIVERSITY ENROLMENT BY COURSE



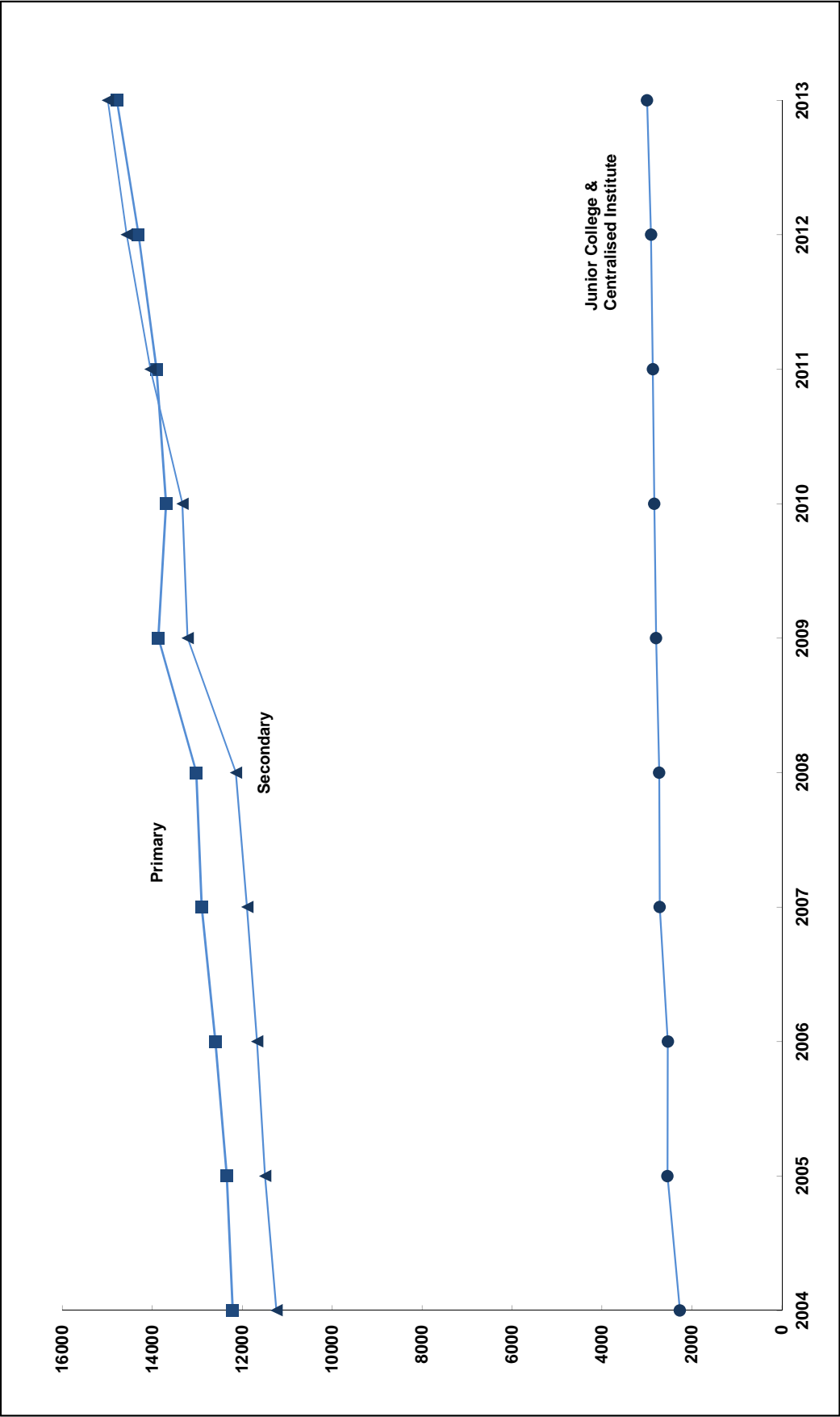
## 23 PRE-UNIVERSITY ENROLMENT BY COURSE AND LEVEL

Year	Sex	Arts			Science			Commerce				Grand Total
		JC1	JC2	PU1	PU2	PU3	JC1	JC2	PU1	PU2	PU3	
1960	MF	-	-	na	na	-	-	-	-	-	-	5128
	F	-	-	na	na	-	-	-	-	-	-	1772
1970	MF	x	x	2596	2417	-	x	x	160	107	-	9868
	F	x	x	1471	1285	-	x	x	121	62	-	4291
1980	MF	1158	1167	754	1038	-	3301	3220	1384	683	-	16272
	F	903	889	521	695	-	1355	1456	1006	496	-	9618
1990	MF	1992	2056	351	416	575	6370	6593	1901	1707	1567	29214
	F	1408	1489	253	269	367	2464	2504	1382	1208	1061	16378
2000	MF	2442	1904	138	103	81	9355	8262	165	221	161	24804
	F	1757	1392	87	69	55	4529	3928	120	144	118	13506
2004	MF	2220	1885	145	87	81	10771	8836	123	89	99	24681
	F	1504	1249	101	48	51	5389	4424	84	55	67	13170
2005	MF	2776	2058	142	96	92	12840	10066	199	131	60	28901
	F	1966	1404	102	66	53	6384	5030	141	94	41	15542
2006	MF	2452	2559	183	188	126	12181	12262	141	73	68	30726
	F	1653	1837	132	129	87	6107	6108	92	57	50	16534
2007	MF	2876	2195	196	87	89	13559	11469	278	189	157	31627
	F	1940	1500	132	71	66	6923	5804	175	122	111	17146
2008	MF	2840	2560	193	163	86	13308	12304	290	199	125	32579
	F	1893	1750	142	119	68	6819	6273	182	127	79	17749
2009	MF	2682	2428	147	89	114	13439	12119	235	248	129	32110
	F	1816	1631	108	66	83	6994	6206	154	154	84	17569
2010	MF	2733	2400	164	127	63	13594	12324	184	146	197	32420
	F	1835	1641	123	92	49	7001	6389	131	98	128	17769
2011	MF	2769	2331	126	106	89	13426	12440	229	144	135	32296
	F	1879	1582	96	69	70	6863	6370	158	102	98	17565
2012	MF	3025	2451	101	68	87	13130	12208	288	150	118	32087
	F	2069	1681	76	56	58	6732	6213	181	104	87	17511
2013	MF	2854	2614	135	68	58	13407	11987	283	167	139	32165
	F	1957	1833	96	51	49	6785	6073	176	106	98	17455

Note: na - Courses for the year 1960 are not available.

x - Figures for JC are included under PU1 & PU2.

# NUMBER OF TEACHERS BY LEVEL



## 24 NUMBER OF TEACHERS BY LEVEL AND SCHOOL TYPE

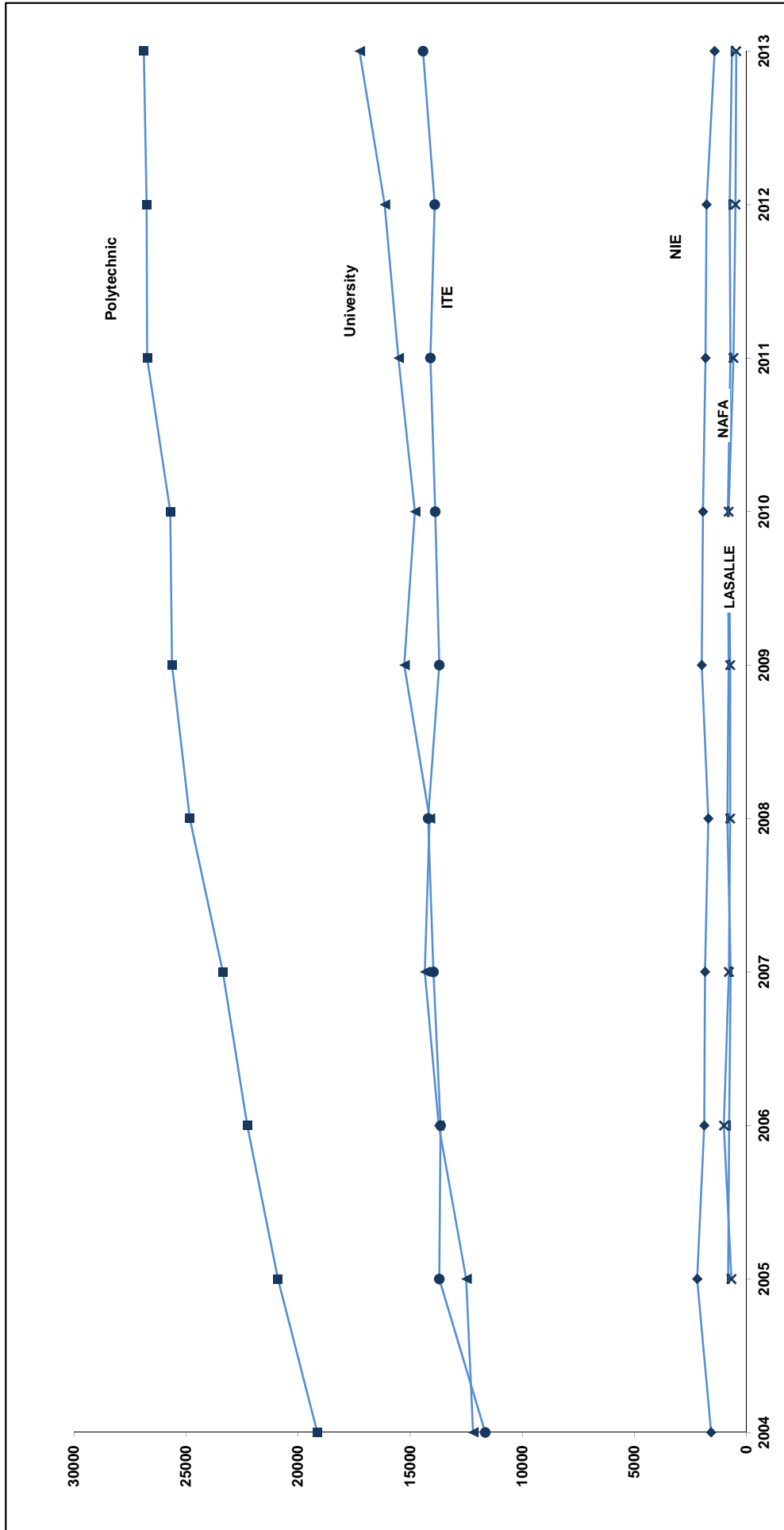
Year	Sex	Primary			Secondary					Pre-University					Grand Total
		Govt	Aided	Total	Govt	Aided	Auto	Indep	Total	Govt	Aided	Auto	Indep	Total	
1960	MF	4283	4316	8599	979	1025	-	-	2004	-	-	-	-	-	10603
	F	1944	2377	4321	248	426	-	-	674	-	-	-	-	-	4995
1970	MF	8044	4172	12216	4847	1598	-	-	6445	x	x	-	-	-	18661
	F	5485	2569	8054	2155	776	-	-	2931	x	x	-	-	-	10985
1980	MF	7244	2837	10081	5605	2234	-	-	7839	x	x	-	-	-	17920
	F	4834	1908	6742	3013	1304	-	-	4317	x	x	-	-	-	11059
1990	MF	7848	2158	10006	5660	1533	-	393	7586	1038	502	-	-	1540	19132
	F	5560	1673	7233	3395	1047	-	269	4711	661	323	-	-	984	12928
2000	MF	8659	3264	11923	5791	1559	1026	756	9132	1245	640	-	-	1885	22940
	F	6822	2767	9589	3650	1068	722	545	5985	730	376	-	-	1106	16680
2004	MF	8884	3325	12209	7123	1332	1860	925	11240	1602	535	-	130	2267	25716
	F	7292	2859	10151	4651	873	1326	636	7486	923	329	-	77	1329	18966
2005	MF	8959	3384	12343	7238	1376	1905	976	11495	1644	581	-	319	2544	26382
	F	7349	2894	10243	4744	892	1366	665	7667	947	344	-	178	1469	19379
2006	MF	9080	3517	12597	7220	1425	2042	985	11672	1597	586	-	352	2535	26804
	F	7446	2997	10443	4750	923	1461	653	7787	926	349	-	202	1477	19707
2007	MF	9284	3613	12897	7239	1473	2154	1026	11892	1665	576	x	475	2716	27505
	F	7589	3061	10650	4744	955	1504	672	7875	963	349	x	248	1560	20085
		Govt	Aided	Total	Govt	Aided	Indep	Spec	Spec'd	Govt	Aided	Indep	Total		
2008	MF	9434	3589	13023	8586	2404	1009	105	39	1658	564	506	2728	27894	
	F	7694	3011	10705	5628	1641	673	58	15	962	330	272	1564	20284	
2009	MF	10066	3798	13864	9378	2561	1080	140	55	1707	570	520	2797	29875	
	F	8200	3205	11405	6200	1735	712	80	22	1002	331	286	1619	21773	
2010	MF	9892	3801	13693	9496	2515	1078	185	58	1714	600	523	2837	29862	
	F	8012	3219	11231	6219	1722	699	109	23	995	348	284	1627	21630	
2011	MF	9936	3967	13903	9859	2716	1064	259	145	1730	616	523	2869	30815	
	F	8011	3341	11352	6429	1836	701	153	54	1005	355	288	1648	22173	
2012	MF	10219	4090	14309	10181	2821	1100	309	163	1756	618	534	2908	31791	
	F	8243	3446	11689	6631	1896	727	180	62	1033	359	300	1692	22877	
2013	MF	10553	4235	14788	10416	2924	1086	358	209	1813	638	547	2998	32779	
	F	8496	3550	12046	6778	1953	716	201	83	1074	368	290	1732	23509	

Note: 1) From 1996 onwards, data are as of 31 December. Prior to 1996, data are as of June.

2) "x" - figures for JC section are included under Secondary.

3) From 2008, the classification for Autonomous schools (Auto) has been grouped under Government and Government-Aided schools

# INTAKE: UNIVERSITIES, POLYTECHNICS, LASALLE, NAFA AND ITE (FULL-TIME)



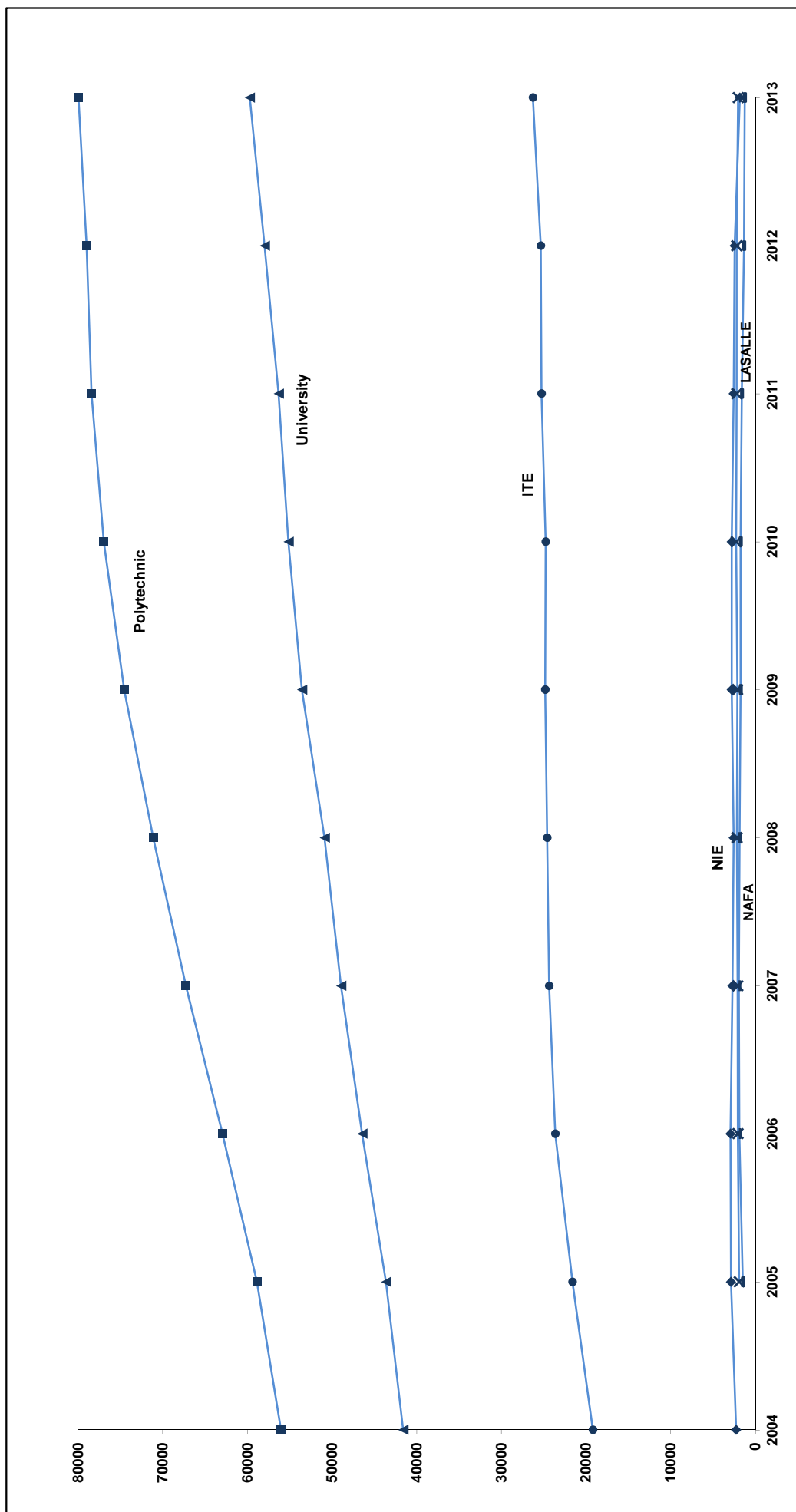


# 25 INTAKE: UNIVERSITIES, POLYTECHNICS, LASALLE, NAFA AND ITE (FULL-TIME)

Year	Sex	Universities <sup>1</sup>						National Institute of Education <sup>2</sup>	Polytechnics <sup>3</sup>						LASALLE <sup>4</sup>	NAFA <sup>5</sup>	Institute of Technical Education <sup>6</sup>
		Nanyang University	Nanyang Technological University	Singapore Management University	Singapore Institute of Technology	Singapore University of Technology & Design	Total		S'pore	Ngee Ann	Temasek	Nanyang	Republic	Total			
1960	MF	532	651	-	-	-	-	1183	890	-	-	-	-	874	-	-	-
	F	189	137	-	-	-	-	326	433	-	-	-	-	51	-	-	-
1970	MF	1390	685	-	-	-	-	2075	1293	302	-	-	-	1617	-	-	3348
	F	530	366	-	-	-	-	896	986	74	-	-	-	109	-	-	246
1980	MF	3002	-	-	-	-	-	3002	875	1112	-	-	-	3479	-	-	3145
	F	1524	-	-	-	-	-	1524	748	379	-	-	-	736	-	-	230
1990	MF	5053	-	1875	-	-	-	6928	1185	4453	735	-	-	4453	-	-	9221
	F	2430	-	1046	-	-	-	3476	895	1902	552	-	-	1553	-	-	3352
2000	MF	6421	-	4506	305	-	-	11232	2186	4673	4519	3881	-	4446	-	-	9772
	F	3437	-	2113	212	-	-	5762	1564	2236	2244	1985	-	1843	-	-	3248
2004	MF	5722	-	5377	1095	-	-	12194	1583	4443	4140	5020	1134	4410	-	-	11650
	F	2955	-	2555	712	-	-	6222	1085	2057	2043	2811	517	1676	-	-	4222
2005	MF	6095	-	5206	1207	-	-	12508	2208	4801	4775	4993	1792	4545	678	826	13705
	F	3122	-	2663	586	-	-	6371	1492	1725	2363	2510	948	1725	400	534	5139
2006	MF	6631	-	5746	1356	-	-	13733	1884	4949	5009	4952	2620	4746	1008	773	13645
	F	3618	-	2735	610	-	-	6963	1292	2336	2448	2511	1380	1719	603	509	5035
2007	MF	6554	-	6196	1603	-	-	14353	1852	4817	4833	4965	3741	5006	790	713	13967
	F	3710	-	3201	896	-	-	7807	1292	1804	2355	2683	1947	1804	540	495	5064
2008	MF	6432	-	6033	1670	-	-	14135	1702	5193	5023	5279	4065	5278	728	852	14205
	F	3389	-	3039	952	-	-	7380	1158	2069	2489	2700	2117	2069	460	578	5318
2009	MF	6775	-	6719	1770	-	-	15264	2003	5289	5080	5338	4617	5289	727	797	13705
	F	3426	-	3379	889	-	-	7694	1390	2152	2545	2782	2447	2152	455	538	5314
2010	MF	6568	-	6132	1686	406	-	14792	1939	5429	5067	5482	4342	5387	795	835	13886
	F	3405	-	2951	823	206	-	7385	1327	2260	2573	2933	2292	2260	530	559	5248
2011	MF	6724	-	6177	1729	900	-	15530	1827	5348	5377	5538	5008	5466	580	716	14098
	F	3566	-	3026	869	448	-	7909	1258	2115	2643	2797	2580	2643	341	508	5484
2012	MF	6733	-	5905	1930	1250	327	16145	1782	5407	5370	5116	5300	5561	495	757	13906
	F	3545	-	3028	1121	547	149	8390	1198	2094	2682	2615	2834	2682	312	530	5144
2013	MF	6892	-	6660	1924	1520	265	17261	1424	5364	5370	5604	5054	5487	456	646	14432
	F	3685	-	3537	983	631	103	8939	946	2071	2620	2915	2706	2071	289	454	5459

- Note:
- 1) University figures are for 1st degree only.
  - 2) National Institute of Education figures are for Diplomas and Post-graduate Diplomas in education-related subjects. BA / BSc (Education) figures are included under Nanyang Technological University.
  - 3) Figures for Polytechnics are for full-time diploma courses only.
  - 4) Figures for LASALLE College of the Arts are for full-time diploma courses only.
  - 5) Figures for Nanyang Academy of Fine Arts are for full-time diploma courses only.
  - 6) Institute of Technical Education (ITE) was established in 1992 to replace the former Vocational & Industrial Training Board. ITE figures exclude apprentices.
  - 7) Intake figures include direct entry to second and subsequent years.

# ENROLMENT: UNIVERSITIES, POLYTECHNICS, LASALLE, NAFA AND ITE (FULL-TIME)



# 26 ENROLMENT: UNIVERSITIES, POLYTECHNICS, LASALLE, NAFA AND ITE (FULL-TIME)

Year	Sex	Universities <sup>1</sup>					Polytechnics <sup>3</sup>						LASALLE <sup>4</sup>	NAFA <sup>5</sup>	Institute of Technical Education <sup>6</sup>
		National University of Singapore	Nanyang Technological University	Singapore Management University	Singapore Institute of Technology	Singapore University of Technology & Design	Total	National Institute of Education <sup>2</sup>	S'pore	Ngee Ann	Temasek	Nanyang	Republic	Total	
1960	MF	1641	1861	-	-	-	3502	2327	2332	-	-	-	-	2332	-
	F	426	378	-	-	-	804	1202	55	-	-	-	-	55	-
1970	MF	4751	2310	-	-	-	7061	2001	2185	609	-	-	-	2794	-
	F	1531	918	-	-	-	2449	1390	155	163	-	-	-	318	-
1980	MF	8634	-	-	-	-	8634	2328	5004	2831	-	-	-	7835	-
	F	3926	-	-	-	-	3926	1977	1036	782	-	-	-	1818	-
1990	MF	15193	-	-	-	-	22005	1577	11348	11995	735	-	-	24078	-
	F	8107	-	-	-	-	10796	1212	3878	4817	552	-	-	9247	-
2000	MF	21233	-	-	-	-	36121	3072	13459	14378	12733	11463	-	52033	-
	F	11341	-	-	-	-	17776	2247	5408	6419	6446	5989	-	24262	-
2004	MF	21781	-	-	-	-	41628	2282	13709	13417	12782	14233	-	56048	-
	F	11372	-	-	-	-	20832	1550	5233	6347	6302	7875	-	26622	-
2005	MF	22105	-	-	-	-	43663	2881	13353	13715	13582	14643	1505	58880	1933
	F	11326	-	-	-	-	21659	1940	5019	6500	6776	8010	906	28064	1236
2006	MF	22836	-	-	-	-	46479	2938	13656	14258	14568	15001	1904	62962	2083
	F	11766	-	-	-	-	22992	1998	5084	6719	7236	7913	1139	29742	1352
2007	MF	23578	-	-	-	-	48962	2725	14399	14687	15243	14874	8087	67290	24370
	F	12396	-	-	-	-	24923	1878	5249	7007	7541	7732	4205	31734	1396
2008	MF	24086	-	-	-	-	50904	2581	14986	15123	15615	15225	10188	71137	2190
	F	12663	-	-	-	-	26065	1758	5605	7214	7587	7866	5257	33529	1475
2009	MF	24798	-	-	-	-	53579	2804	15523	15417	15791	15656	12179	74566	2144
	F	12944	-	-	-	-	27344	1896	6034	7436	7676	8150	6304	35600	1460
2010	MF	25189	-	-	-	-	55178	2816	15928	15942	15933	16183	13003	76989	2269
	F	13067	-	-	-	-	28187	1886	6453	7655	7804	8387	6729	37028	1532
2011	MF	25513	-	-	-	-	56349	2579	15949	16139	16020	16408	13927	78443	1623
	F	13066	-	-	-	-	28417	1759	6432	7703	7894	8440	7209	37678	1510
2012	MF	25979	-	-	-	-	57989	2445	15972	16430	16005	16076	14520	79003	1353
	F	13295	-	-	-	-	29419	1624	6327	7788	7855	8197	7583	37750	854
2013	MF	26156	-	-	-	-	59748	1838	15878	16581	16250	16266	14995	79970	1253
	F	13532	-	-	-	-	30335	1216	6167	7866	7934	8242	7910	38119	1419

Note: 1) University figures are for 1st degree only.

2) National Institute of Education figures are for Diplomas and Post-graduate Diplomas in education-related subjects. BA / BSc (Education) figures are included under Nanyang Technological University.

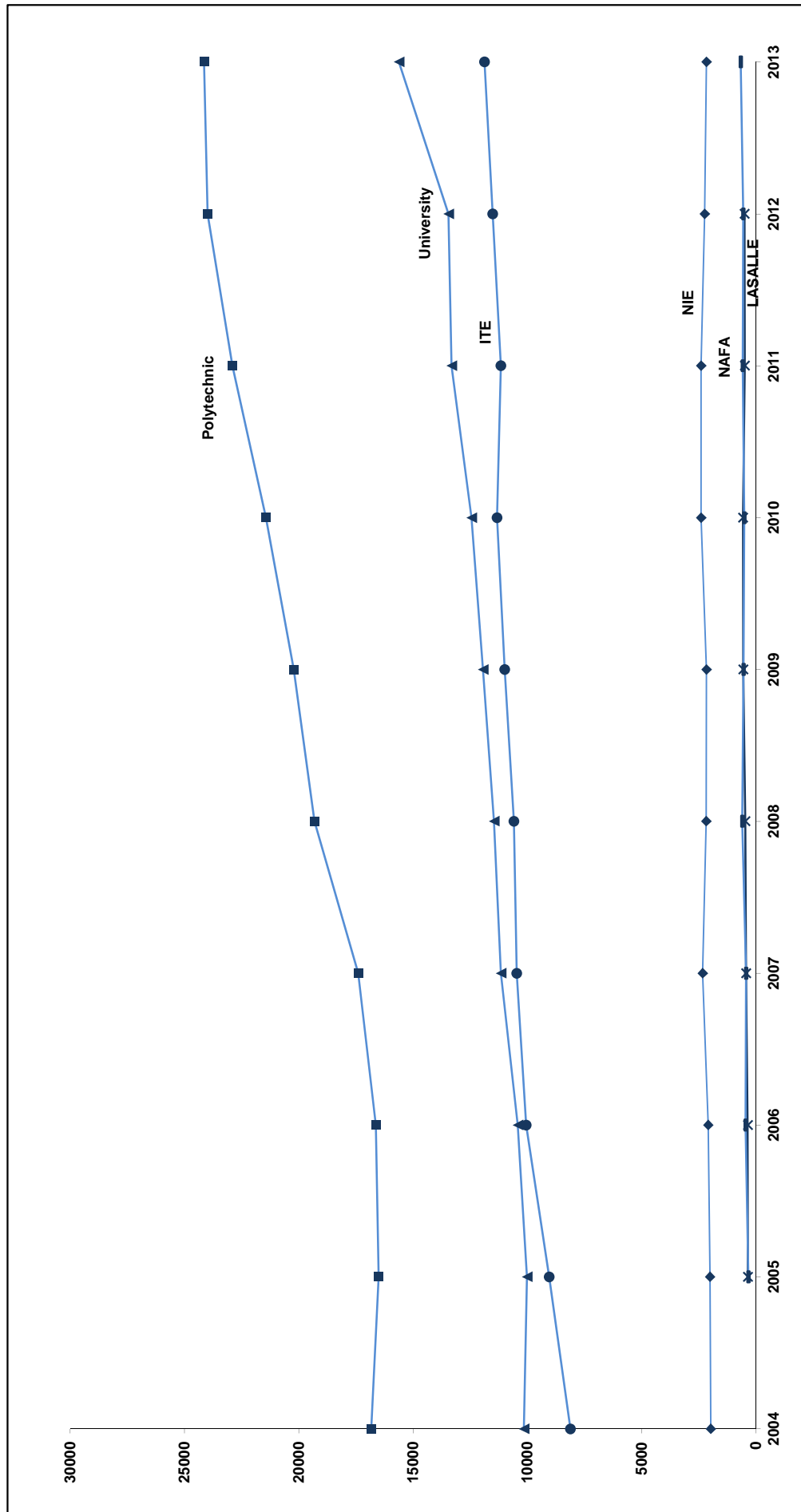
3) Figures for Polytechnics are for full-time diploma courses only

4) Figures for LASALLE College of the Arts are for full-time diploma courses only.

5) Figures for Nanyang Academy of Fine Arts are for full-time diploma courses only.

6) Institute of Technical Education (ITE) was established in 1992 to replace the former Vocational & Industrial Training Board. ITE figures exclude apprentices.

# GRADUATES: UNIVERSITIES, POLYTECHNICS, LASALLE, NAFA AND ITE (FULL-TIME)



# 27 GRADUATES: UNIVERSITIES, POLYTECHNICS, LASALLE, NAFA AND ITE (FULL-TIME)

Year	Sex	Universities <sup>1</sup>						National Institute of Education <sup>2</sup>	Polytechnics <sup>3</sup>					LASALLE <sup>4</sup>	NAFA <sup>5</sup>	Institute of Technical Education <sup>6</sup>
		Nanyang University	Nanyang Technological University	Singapore Management University	Singapore Institute of Technology	Singapore University of Technology & Design	Total		S'pore	Ngee Ann	Temasek	Nanyang	Republic	Total		
1960	MF	593	437	-	-	-	1030	734	-	-	-	-	-	-	-	-
	F	196	95	-	-	-	291	358	-	-	-	-	-	-	-	-
1970	MF	1220	556	-	-	-	1776	1202	436	*	-	-	-	436	-	1426
	F	378	168	-	-	-	546	820	7	*	-	-	-	7	-	134
1980	MF	2187	687	-	-	-	2874	616	1969	584	-	-	-	2553	-	7862
	F	1070	250	-	-	-	1320	504	378	136	-	-	-	514	-	1145
1990	MF	4001	-	-	1333	-	5334	929	3112	3087	-	-	-	6199	-	7469
	F	2307	-	-	510	-	2817	694	1011	1233	-	-	-	2244	-	2889
2000	MF	5631	-	-	3613	-	9244	2445	3974	4187	3336	2562	-	14059	-	7650
	F	3270	-	-	1583	-	4853	1681	1619	1844	1776	1471	-	6710	-	2429
2004	MF	5858	-	-	4067	-	10165	1989	4504	4289	4102	3939	-	16834	-	8127
	F	3161	-	167	1843	-	5171	1430	1871	2069	2072	2104	-	8116	-	3057
2005	MF	5575	-	408	4048	-	10031	2020	4537	4143	3633	4202	-	16515	369	9059
	F	3051	-	315	1964	-	5330	1341	1821	2068	1921	2303	-	8113	200	3492
2006	MF	5621	-	565	4241	-	10427	2096	4103	4084	3718	4114	619	16638	370	10056
	F	3055	-	399	1974	-	5428	1416	1574	1990	1860	2385	291	8100	227	3724
2007	MF	5500	-	826	4845	-	11171	2348	3953	4013	3928	4591	928	17413	438	10479
	F	2943	-	500	2127	-	5570	1590	1532	1911	2003	2645	435	8526	268	4019
2008	MF	5601	-	1063	4808	-	11472	2188	4250	4504	4565	4447	1551	19317	481	10600
	F	2982	-	686	2286	-	5954	1486	1644	2247	2399	2391	815	9496	296	4059
2009	MF	5779	-	1110	5058	-	11947	2179	4334	4581	4815	4388	2106	20224	566	10999
	F	3012	-	562	2570	-	6144	1492	1610	2186	2396	2279	1119	9590	351	4311
2010	MF	5833	-	1206	5412	-	12451	2416	4627	4534	4848	4483	2953	21445	578	11334
	F	3124	-	546	2544	-	6214	1622	1700	2237	2429	2502	1594	10462	371	4488
2011	MF	6088	-	1504	5733	-	13325	2415	4921	4857	5020	4829	3291	22918	499	11165
	F	3403	-	831	2951	-	7185	1626	1982	2437	2429	2536	1722	11106	333	4326
2012	MF	5969	-	1603	5807	-	13456	2255	5016	4955	5133	4965	3930	23999	511	11530
	F	3149	-	919	2909	-	6997	1538	2060	2432	2545	2644	2083	11764	316	4425
2013	MF	6395	-	1659	6476	-	15634	2178	5082	4983	4886	5146	4060	24157	406	11888
	F	3281	-	834	3310	-	8069	1447	2141	2420	2447	2729	2123	11860	282	4580

Note: 1) University figures are for 1st degree only.

2) National Institute of Education figures are for Diplomas and Post-graduate Diplomas in education-related subjects. BA / BSc (Education) figures are included under Nanyang Technological University.

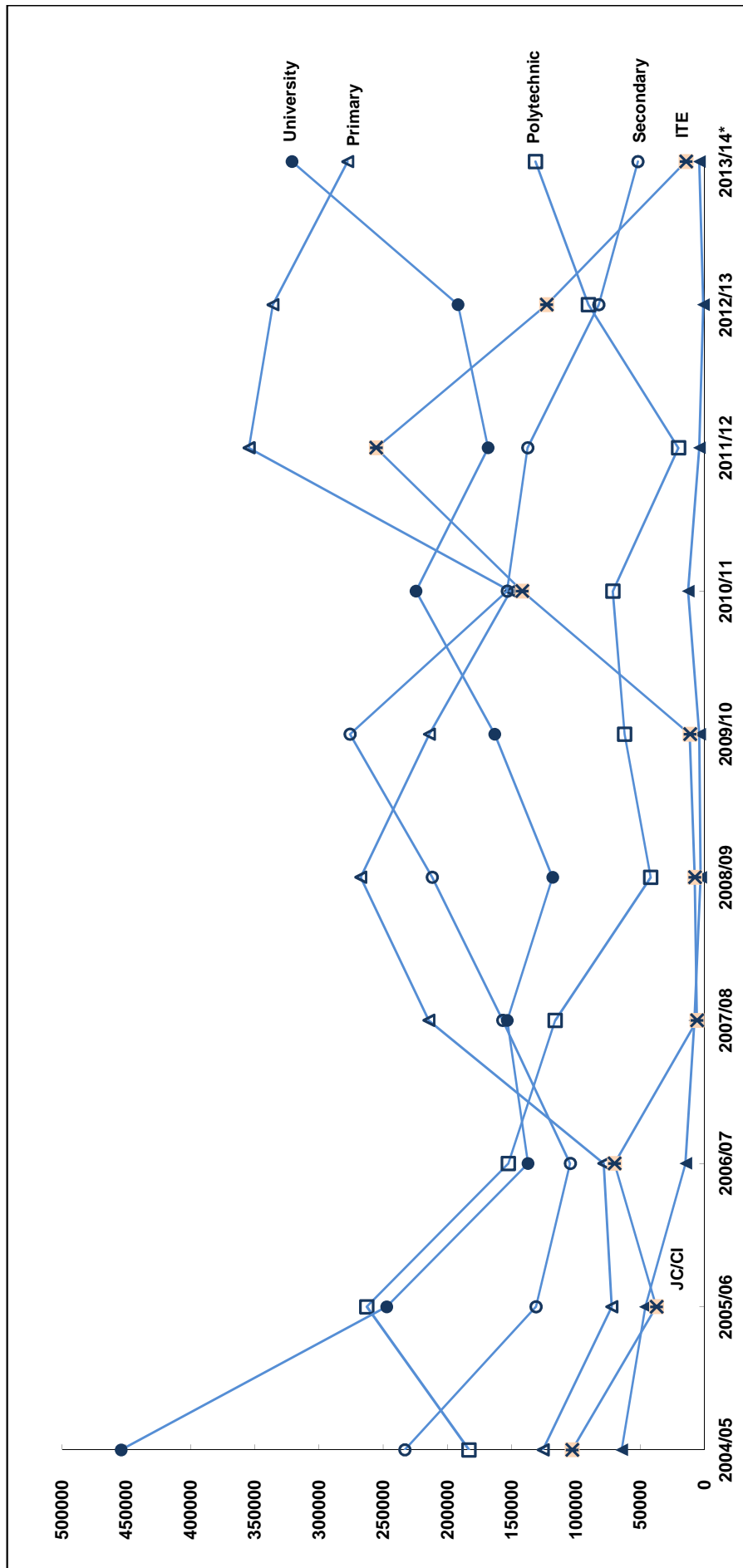
3) Figures for Polytechnics are for full-time diploma courses only.

4) Figures for LASALLE College of the Arts are for full-time diploma courses only.

5) Figures for Nanyang Academy of Fine Arts are for full-time diploma courses only.

6) Institute of Technical Education (ITE) was established in 1992 to replace the former Vocational & Industrial Training Board. ITE figures exclude apprentices. Figures for 2001 and earlier include ITE students who completed their programmes without receiving certificates.

# GOVERNMENT DEVELOPMENT EXPENDITURE ON EDUCATION ('000 SGD)

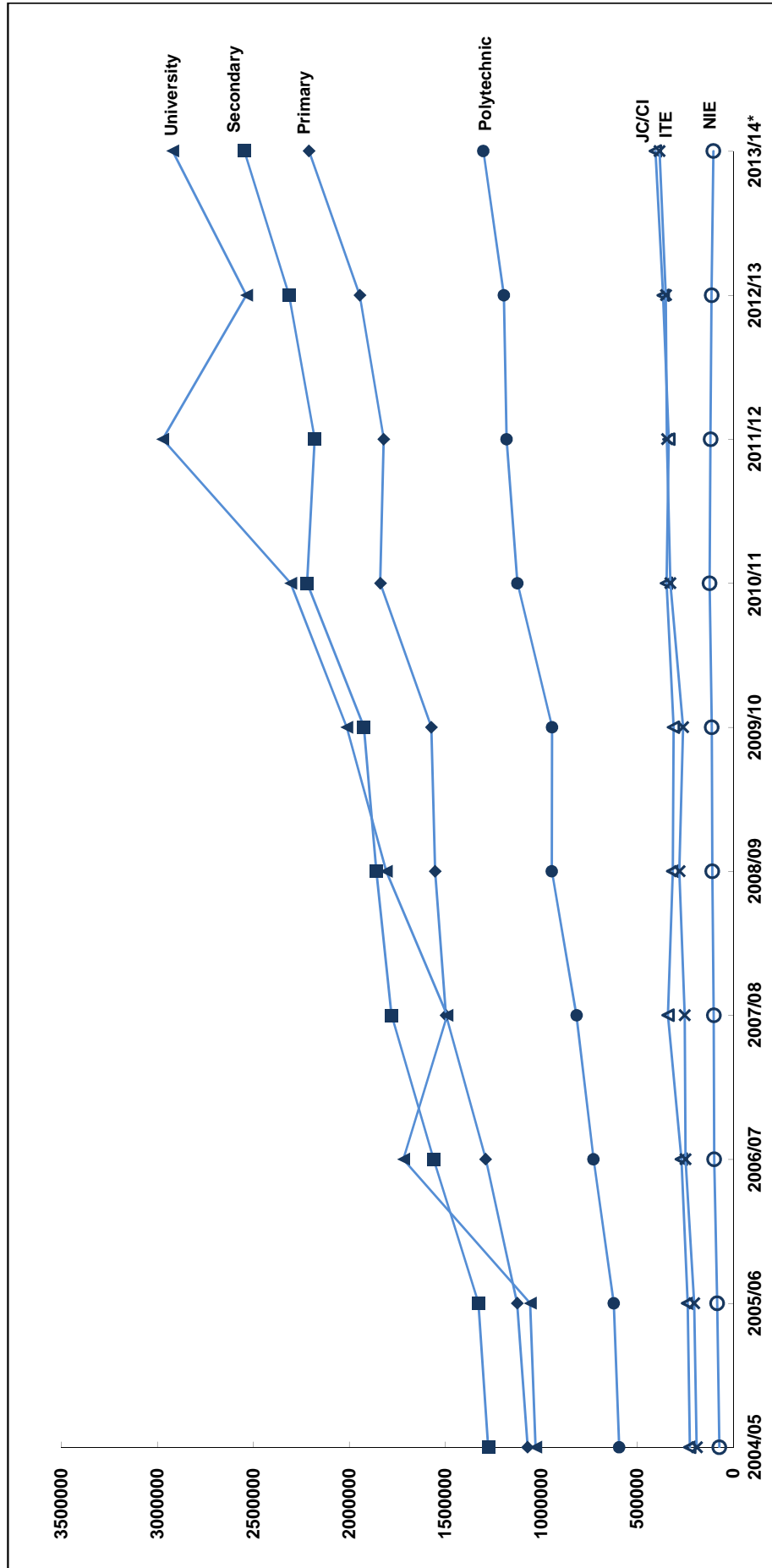


# 28 GOVERNMENT DEVELOPMENT EXPENDITURE ON EDUCATION ('000 SGD)

Financial Year	MOE HQ	Primary	Secondary	Junior College / Centralised Institute	Institute of Technical Education	Polytechnic	National Institute of Education	University	Special Education	Others	Total
1999/00	421409	237624	315929	75722	34453	146463	2168	340949	2303	23594	1600614
2000/01	279507	383822	249509	73891	52334	169183	11318	329625	3657	37765	1590611
2001/02	173612	444755	232211	66530	60049	129383	11286	331992	2158	21015	1472991
2002/03	182329	368489	272914	89749	120861	308888	7699	384117	2414	36100	1773560
2003/04	43497	195005	284099	41513	130530	146433	200	302293	6270	67803	1217643
2004/05	42304	125777	233314	64569	103168	183424	2890	453944	6367	23640	1239397
2005/06	44835	72258	131273	46232	37596	262858	0	247374	1240	23312	866978
2006/07	42425	78447	104640	14811	70167	152823	0	137496	2035	4725	607569
2007/08	58358	214637	157152	7793	5960	116371	0	153564	20495	7713	742043
2008/09	69595	267672	212062	3161	7666	42076	958	118307	29204	2472	753173
2009/10	74776	214235	275916	4020	11510	62297	9417	163371	27721	3884	847147
2010/11	104467	151204	153719	12910	142006	71379	1298	224661	14048	1044	876736
2011/12	82970	354602	137802	4081	255687	20417	0	168610	17899	389	1042457
2012/13	31521	335973	82431	1003	122940	90434	0	191961	3336	0	859599
2013/14*	74004	277781	51908	4142	14605	131623	0	321141	2844	1024	879072

\* Preliminary figures

# GOVERNMENT RECURRENT EXPENDITURE ON EDUCATION ('000 SGD)



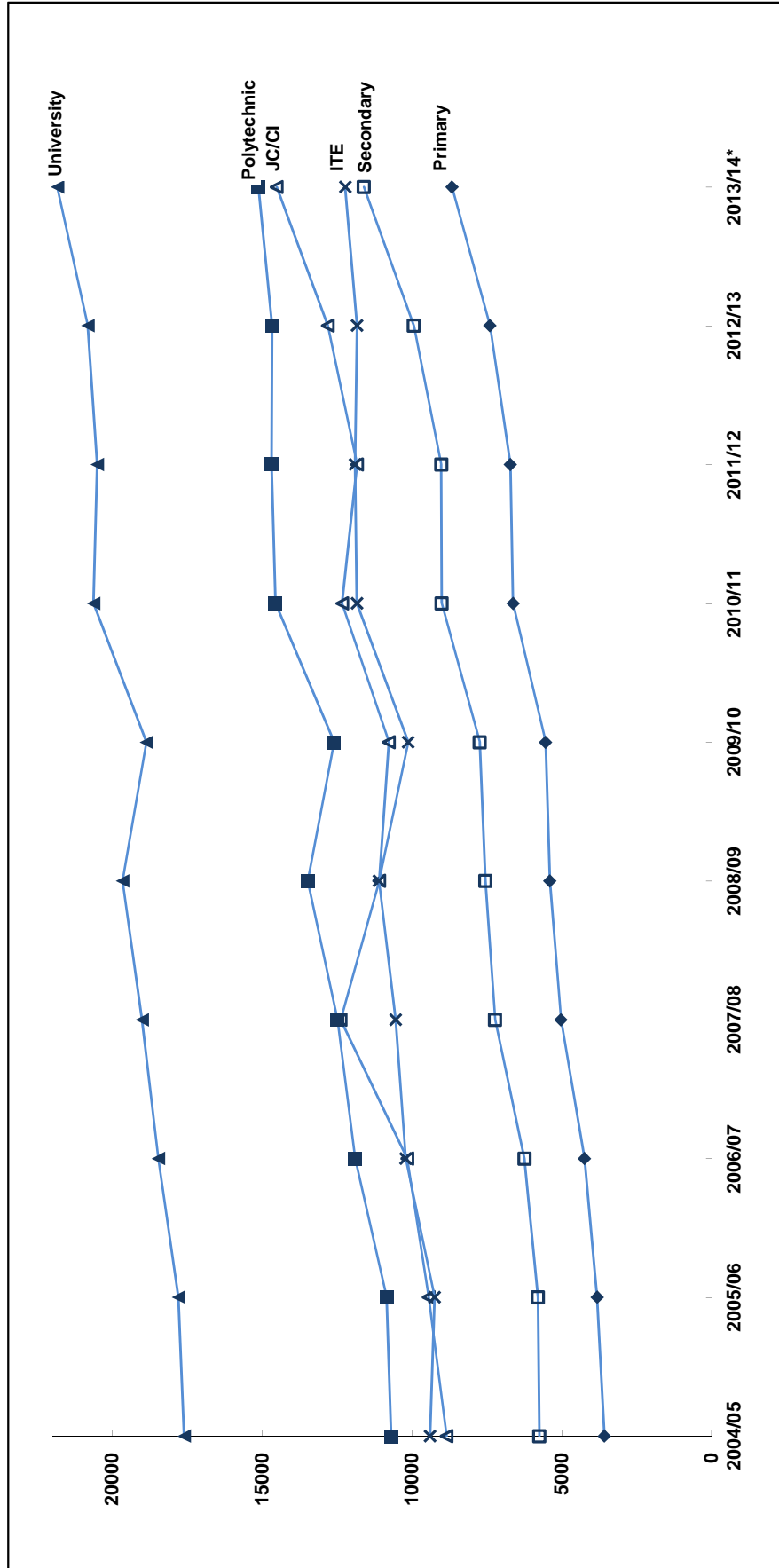


## 29 GOVERNMENT RECURRENT EXPENDITURE ON EDUCATION ('000 SGD)

Financial Year	MOE HQ	Primary	Secondary	Junior College / Centralised Institute	Institute of Technical Education	Polytechnic	National Institute of Education	University	Special Education	Others	Total
1998/99	209535	818646	823460	149616	120441	419673	53862	537450	19351	15391	3167425
1999/00	244407	820842	842658	157821	126371	387239	61697	569971	19790	26078	3256874
2000/01	403148	995279	976553	190274	148416	524055	83753	898505	26825	30088	4276896
2001/02	435146	1044461	1059846	202456	162648	592733	87000	1114554	28025	39715	4766584
2002/03	441017	1095536	1171377	226187	169499	578551	94791	973779	36358	37300	4824395
2003/04	428997	1066364	1205693	223490	171067	714264	80766	1034804	33450	37896	4996791
2004/05	405524	1071327	1276481	226569	191135	594446	73256	1029869	38884	67233	4974724
2005/06	433675	1125876	1328287	238115	203973	622933	84722	1058239	50124	69355	5215299
2006/07	298582	1290409	1561500	271046	249154	728741	100147	1719156	53196	79786	6351717
2007/08	347946	1496718	1780889	340681	253506	816913	102243	1491382	68874	86473	6785625
2008/09	439480	1553535	1859599	316184	281262	946113	110378	1808987	73594	87389	7476521
2009/10	503277	1573321	1924142	311770	262509	944810	112474	2014807	95937	94862	7837909
2010/11	517043	1839190	2220430	348039	328067	1124873	123625	2305921	84943	106578	8998709
2011/12	532136	1820988	2181167	336063	346106	1180981	119266	2973812	96127	111147	9697793
2012/13	591814	1946159	2314237	365825	351658	1196035	113312	2536971	106219	115082	9637312
2013/14*	611563	2210203	2547654	406284	384489	1302942	104466	2920598	119412	112389	10720000

\* Preliminary figures

# GOVERNMENT RECURRENT EXPENDITURE ON EDUCATION PER STUDENT (SGD)



### 30 GOVERNMENT RECURRENT EXPENDITURE ON EDUCATION PER STUDENT (SGD)

Financial Year	Primary	Secondary <sup>1</sup>	Junior College / Centralised Institute	Institute of Technical Education	Polytechnic	University <sup>2</sup>
1999/00	2612	4409	6325	6452	8032	14112
2000/01	3137	5104	7304	8076	9546	15384
2001/02	3363	5304	7879	7829	9668	15262
2002/03	3535	5614	8497	8056	9793	14287
2003/04	3508	5437	8791	8367	10197	17477
2004/05	3575	5746	8850	9399	10695	17609
2005/06	3820	5793	9445	9249	10843	17793
2006/07	4243	6246	10161	10209	11903	18472
2007/08	5026	7230	12386	10543	12482	19011
2008/09	5397	7551	11094	11106	13479	19664
2009/10	5537	7736	10772	10129	12598	18868
2010/11	6624	9008	12331	11839	14552	20630
2011/12	6712	9022	11830	11898	14687	20505
2012/13	7396	9940	12806	11837	14668	20816
2013/14*	8669	11606	14517	12227	15120	21839

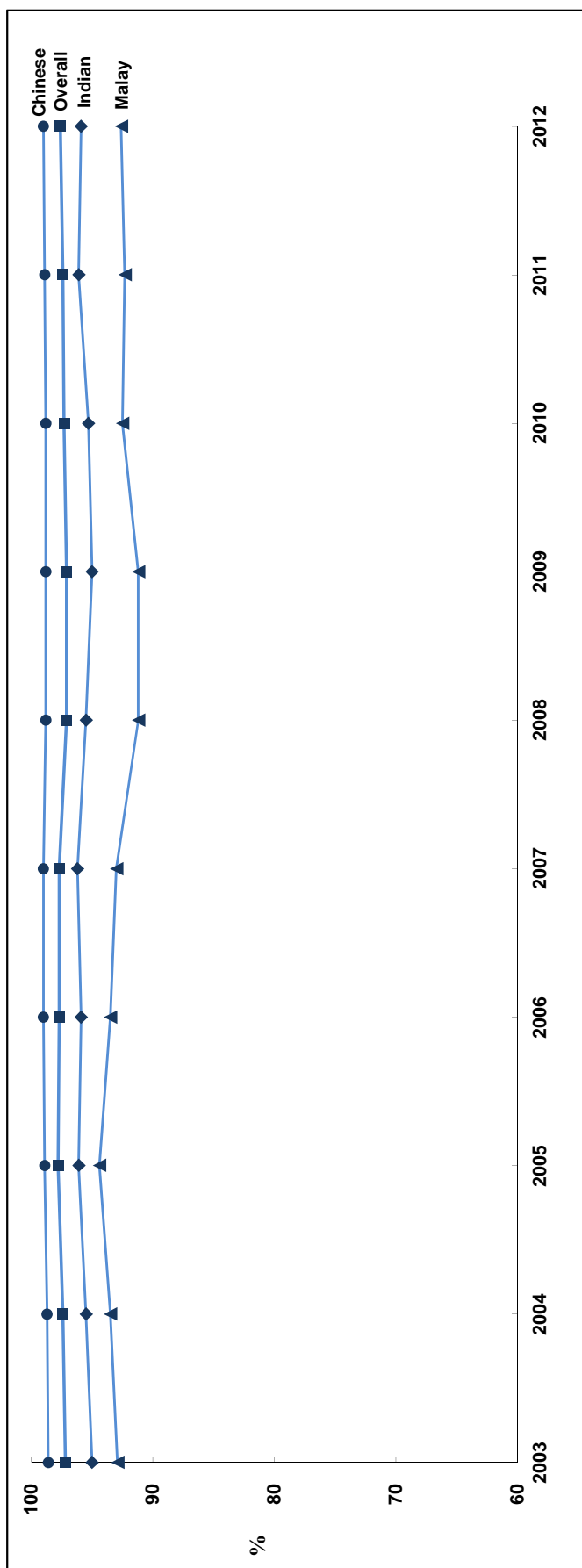
Note: 1) Figures exclude Independent Schools.

2) Figures include National University of Singapore, Nanyang Technological University, Singapore Management University, Singapore Institute of Technology (from FY2010) and Singapore University of Technology and Design (wef FY2012).

From FY2013, Government funding per undergraduate includes funding to Yale-NUS College and Lee Kong Chian School of Medicine.

\* Preliminary figures

### 31 PERCENTAGE OF PUPILS WHO PASSED PSLE BY ETHNIC GROUP

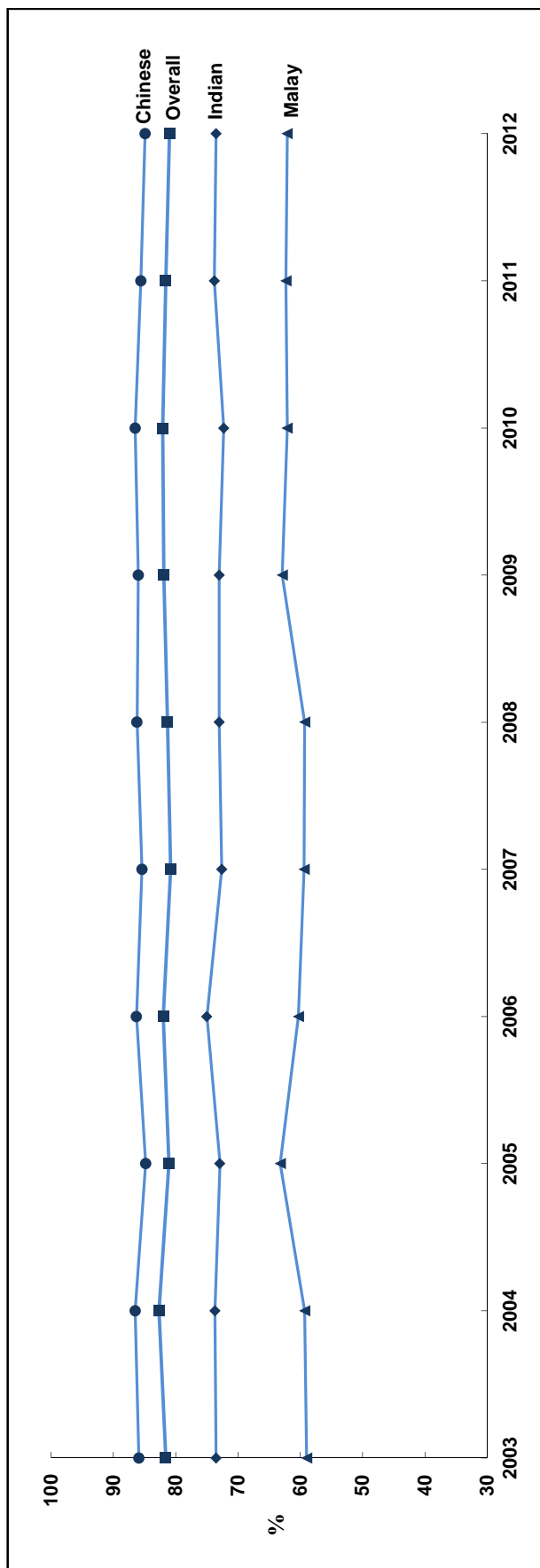


Note:

1) % Passed refers to school candidates who are eligible for Secondary School (Express/Normal course).

2) The first batch of students under Subject-based Banding sat for PSLE in 2009.

### 32 PERCENTAGE OF PUPILS WITH AT LEAST 5 'O' LEVEL PASSES BY ETHNIC GROUP

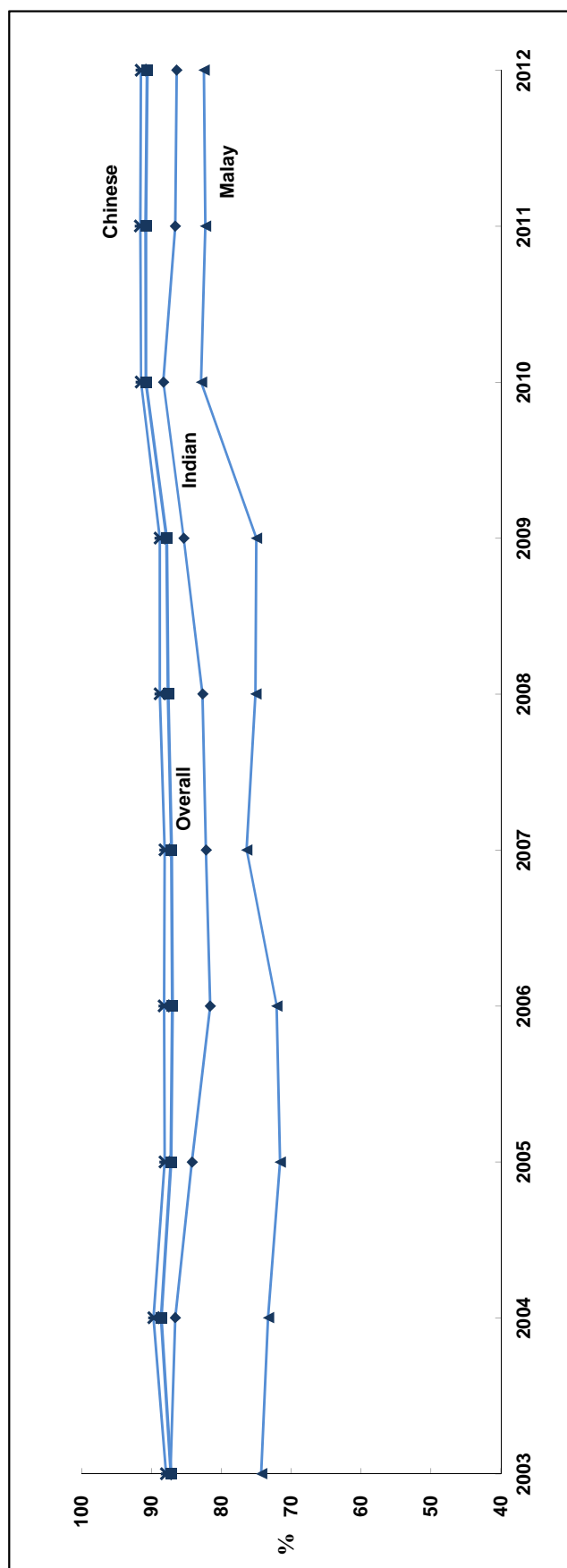


Race	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Malay	59.0	59.3	63.2	60.3	59.4	59.3	62.9	62.1	62.3	62.1
Chinese	85.9	86.5	84.8	86.3	85.4	86.2	86.0	86.5	85.6	84.9
Indian	73.5	73.7	72.9	75.0	72.6	73.0	73.0	72.3	73.8	73.5
Others	80.9	77.2	78.6	76.5	81.3	79.7	81.2	81.2	80.8	76.6
<b>Overall</b>	<b>81.6</b>	<b>82.7</b>	<b>81.1</b>	<b>82.0</b>	<b>80.8</b>	<b>81.3</b>	<b>81.9</b>	<b>82.1</b>	<b>81.6</b>	<b>81.0</b>

Note:

- 1) % Passed refers to school candidates with at least 5 'O' level passes.
- 2) Figures from 2005 onwards exclude IP students.

### 33 PERCENTAGE OF PUPILS WITH AT LEAST 3 'A' / 'H2' PASSES & PASS IN GP / K&I BY ETHNIC GROUP

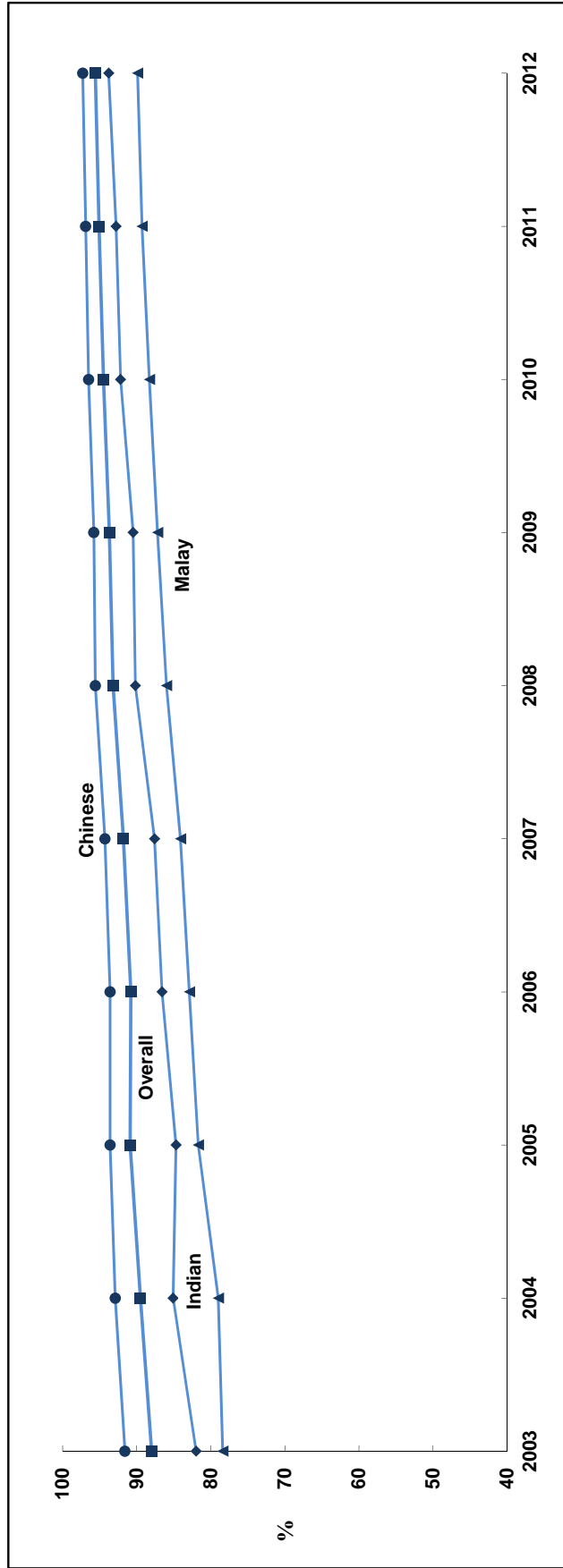


Race	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Malay % Passed	74.3	73.3	71.6	72.1	76.4	75.1	75.0	82.9	82.3	82.5
Chinese % Passed	87.9	89.7	88.1	88.2	88.1	88.8	88.8	91.5	91.6	91.5
Indian % Passed	87.3	86.6	84.2	81.6	82.2	82.7	85.4	88.3	86.6	86.4
Others % Passed	87.5	95.0	94.0	86.9	86.1	83.7	86.8	89.8	88.0	87.7
<b>Overall % Passed</b>	<b>87.2</b>	<b>88.6</b>	<b>87.2</b>	<b>87.0</b>	<b>87.1</b>	<b>87.6</b>	<b>87.8</b>	<b>90.8</b>	<b>90.8</b>	<b>90.6</b>

Note: 1) % Passed refers to school candidates with at least 3 'A' / 'H2' passes & pass in General Paper (GP) or Knowledge & Inquiry (K&I).

2) Figures for 2007 and 2008 include students taking either the new or old syllabus.

### 34 PERCENTAGE OF P1 COHORT ADMITTED TO POST-SECONDARY EDUCATION INSTITUTIONS<sup>1</sup> BY ETHNIC GROUP



Race	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Malay	78.4	79.0	81.7	82.9	84.1	86.0	87.2	88.3	89.3	89.9
Chinese	91.6	92.9	93.6	93.6	94.3	95.6	95.8	96.5	96.9	97.3
Indian	82.0	85.1	84.7	86.6	87.6	90.2	90.5	92.2	92.8	93.8
<b>Overall</b>	<b>88.0</b>	<b>89.5</b>	<b>90.9</b>	<b>90.8</b>	<b>91.8</b>	<b>93.2</b>	<b>93.7</b>	<b>94.5</b>	<b>95.1</b>	<b>95.6</b>

Note: 1) Figures for 2008-2012 are preliminary.  
 2) Figures include participation in Junior Colleges, Millennia Institute, Polytechnics, ITE, LaSalle College of the Arts, Nanyang Academy of Fine Arts and other private education institutions, and also take into account students who left the country.





## **APPENDICES**

# **Milestones in the Education System**

## **Pre-Primary Education**

- 1993 Discontinuation of Preparatory Year programme in Schools
- 2014 MOE kindergartens set up in HDB heartlands

## **Primary Education**

- 1979 Introduction of primary streaming beginning with the 1979 P3 cohort - The Goh Report recommended that pupils be channelled to the Normal, Extended and Monolingual streams
- 1991 Introduction of Streaming at end of P4 (EM1, EM2 and EM3) and removal of P3 streaming  
Phasing in of Education System (1991)
- 1993 Last batch of P8 Extended and P8 Monolingual pupils
- 2004 Refinements to Streaming (merger of EM1 and EM2, EM3 remains)
- 2008 Introduction of Subject-based Banding beginning with the 2008 P5 cohort to replace the EM3 stream

## **Secondary Education**

- 1980 Introduction of streaming at Sec 1 (NES Guidelines, Secondary)
- 1988 First independent schools - ACS, SJI, & TCH established. SCGS & MGS became independent in 1989; RI in 1990; and RGS & Nanyang Girls' in 1993.
- 1994 Implementation of Sec 1 Normal (Technical) course  
Establishment of Autonomous Schools
- 2004 Revised Progression Structure for Normal (Technical) Course  
Singapore Sports School admits its first batch of students in 2004
- 2005 NUS High School of Mathematics and Science admits its first batch of students in 2005

- 2007 Establishment of NorthLight School (Specialised School)
- 2008 Refinements to Streaming (merger of Secondary 1 Special and Express streams)  
School of The Arts (SOTA) admits its first batch of students in 2008
- 2009 Assumption Vocational Institute remodeled to form the Assumption Pathway School (Specialised School)
- 2010 School of Science and Technology (SST) admits its first batch of students in 2010
- 2014 Spectra Secondary (Specialised School) admits its first batch of students

## **Post-Secondary Education**

### **Pre-University**

- 1969 Introduction of junior college education
- 1979 Introduction of three-year Pre-University course
- 1987 Introduction of Centralised Institutes
- 1995 Phasing out of Pre-U Centres
- 2000 Phasing out of A-Level commerce course in Junior Colleges
- 2004 Introduction of Integrated Programme (IP)

### **Polytechnic**

- 1954 Establishment of Singapore Polytechnic
- 1963 Ngee Ann College inaugurated.  
Became Ngee Ann Technical College in 1968 and Ngee Ann Polytechnic in 1981
- 1990 Temasek Polytechnic established
- 1992 Nanyang Polytechnic established
- 2002 Republic Polytechnic established and admits its first batch of students in 2003
- 2013 Introduction of 1 year Polytechnic Foundation Programme

### **Institute of Technical Education**

- 1958 Adult Education Board (AEB) established
- 1973 Industrial Training Board (ITB) established
- 1979 VITB established with the merger of AEB & ITB
- 1992 Institute of Technical Education (ITE) established as post-secondary educational institution
- 2013 Expanded and Enhanced Direct-Entry Scheme (DES) to Polytechnic Programme (DPP)

### **University Education**

- 1956 Nanyang University (Nantah) admitted its first batch of students
- 1962 University of Singapore (SU) set up after split from University of Malaya
- 1980 Establishment of National University of Singapore (NUS) with the merger of SU and NU
- 1981 Nanyang Technological Institute (NTI) established and admits its first batch of students in 1982
- 1991 Upgrading of NTI to Nanyang Technological University (NTU)
- 2000 Singapore Management University (SMU) incorporated
- 2005 Greater autonomy given to NUS, NTU and SMU
- 2009 Singapore Institute of Technology (SIT) established and admits its first batch of students in 2010
- 2009 Singapore University of Technology and Design (SUTD) incorporated and admits its first batch of students in 2012

## CLASSIFICATION OF COURSES (UNIVERSITY)

1.	<b>ACCOUNTANCY</b>	Accountancy Accountancy & Business
2.	<b>ARCHITECTURE &amp; BUILDING</b>	Architecture Architecture & Sustainable Design Project & Facilities Management Real Estate
3.	<b>BUSINESS &amp; ADMINISTRATION</b>	Business Business Administration Business Management
4.	<b>DENTISTRY</b>	Dentistry
5.	<b>EDUCATION</b>	Arts (Education) Science (Education) Early Childhood Education
6.	<b>ENGINEERING SCIENCES</b>	Aeronautical Engineering Aerospace Engineering Aerospace Systems Bach of Eng/Bach of Science (SUTD) Bioengineering Business & Computer Engineering Chemical & Biomolecular Engineering Chemical Engineering Civil Engineering Common Engineering Computer Engineering Electrical & Electronic Engineering Electrical Engineering Electrical Engineering & Information Technology Electrical Power Engineering Engineering Engineering & Economics Engineering Science Programme Environmental Engineering Industrial & Systems Engineering Information Engineering & Media Marine Engineering Materials Engineering Materials Science & Engineering Mechanical Design Engineering Mechanical Design & Manufacturing Engineering Mechanical Engineering Mechatronics Naval Architecture Offshore Engineering Renaissance Engineering

7.	<b>FINE &amp; APPLIED ARTS</b>	Art, Design and Media Communication Design Digital Art and Animation (BFA) Game Design Industrial Design Interior Design Music Real-Time Interaction Simulation
8.	<b>HEALTH SCIENCES</b>	Biomedical Sciences Nursing Occupational Therapy Pharmacy Physiotherapy
9.	<b>HUMANITIES &amp; SOCIAL SCIENCES</b>	Arts & Social Science Chinese Criminology Economics English History Liberal Arts (Yale-NUS College) Linguistics & Multilingual Studies Psychology Public Policy & Global Affairs Social Science Sociology Sport Science & Management
10.	<b>INFORMATION TECHNOLOGY</b>	Computer Science Business Analytics Business & Computing Computing Computing Science Information Systems Management
11.	<b>LAW</b>	Graduate LL.B. Programme Law
12.	<b>MASS COMMUNICATION</b>	Communication Studies
13.	<b>MEDICINE</b>	Medicine
14.	<b>NATURAL, PHYSICAL &amp; MATHEMATICAL SCIENCES</b>	Biological Sciences Chemistry & Biological Chemistry Environmental Studies Food & Human Nutrition Mathematics & Economics Mathematical Sciences Physics & Applied Physics

		Science Science (Applied)
15.	<b>SERVICES</b>	Culinary Arts Management Hotel Administration Maritime Studies

## CLASSIFICATION OF COURSES (POLYTECHNIC)

1.	<b>APPLIED ARTS</b>	Animation & 3D Arts Apparel Design & Merchandising Audio-visual Technology Design for Interactivity Digital Animation Digital Films & Television Digital Media Design (Animation) Digital Media Design (Games) Digital Media Design (Interaction) Digital Visual Effects Experience & Product Design Film, Sound & Video Game Design Games Design & Development Industrial Design Interactive Media Design Interior Architecture & Design Interior Design Motion Graphics & Broadcast Design Music & Audio Technology New Media Product and Industrial Design Product Design & Innovation Retail & Hospitality Design Sonic Arts Space & Interior Design Visual Communication Visual Communication & Media Design Visual Effects & Motion Graphics
2.	<b>ARCHITECTURE &amp; BUILDING</b>	Architecture Environment Design Hotel & Leisure Facilities Management Integrated Facility Management Landscape Architecture Landscape Design & Horticulture Real Estate Business Sustainable Urban Design & Engineering
3.	<b>BUSINESS &amp; ADMINISTRATION</b>	Accountancy Accountancy & Finance Accounting & Finance Arts Business Management Banking & Finance Banking & Financial Services Business Business Administration Business Innovation & Design Business Management Business and Social Enterprise Business Studies Business/Logistics & Operations Management/Marketing Customer Relationship & Service Management



		Consumer Behaviour & Research Fund Management & Administration Healthcare Administration Hospitality & Tourism Management Hotel & Hospitality Management Human Resources Mgmt with Psychology International Business International Logistics & Supply Chain Mgt Integrated Events & Project Mgmt Integrated Events Management Leisure & Resort Management Logistic Management Mass Media Management Marketing Retail Management Social Enterprise Management Sport & Wellness Management Sports & Leisure Management Supply Chain Management Technology & Arts Management Tourism & Resort Management Wellness, Lifestyle and Spa Management
4.	<b>EDUCATION</b>	Child Psychology & Early Education Early Childhood Education Early Childhood Studies
5.	<b>ENGINEERING SCIENCES</b>	Aeronautical Engineering Aerospace Avionics Aerospace Electronics Aerospace Engineering Aerospace Technology Aerospace Systems & Management Aeronautical & Aerospace Technology Automation & Mechatronic Systems Aviation Management & Services Bioengineering Biomedical Engineering Biomedical Electronics Biomedical Informatics & Engineering Business Process & Systems Engineering Chemical Engineering Chemical & Biomolecular Engineering Chemical Process Technology Civil Aviation Civil Engineering with Business Clean Energy Clean Energy Management Common Engineering Programme Computer Engineering Digital and Precision Engineering Digital Entertainment Electronics Electronics Electronic & Computer Engineering Electronics, Computer & Communication Engineering Electronics / Media & Comm Tech / Computer Engineering / Microelectronics

		Electrical Engineering Electrical Engineering with Eco-Design Electrical & Electronic Engineering Engineering with Business Engineering with Business Management Prog Engineering Science Engineering Systems Environment & Water Technology Environment Management & Water Technology Green Building & Sustainability Industrial & Operations Management Information Communication Technology Intelligent Building Technology Manufacturing Engineering Marine Engineering Marine & Offshore Technology Mechanical Engineering Mechatronics/Aerospace Engineering Mechatronic Mechatronic Engineering Mechatronics & Robotics Microelectronics Renewable Energy Engineering
6.	<b>HEALTH SCIENCES</b>	Biologics and Process Technology Biomedical Laboratory Technology Biomedical Science Dental Hygiene & Therapy Diagnostic Radiography Health Sciences (Nursing) Nursing Occupational Therapy Optometry Pharmaceutical Sciences Pharmacy Physiotherapy Radiation Therapy Veterinary Bioscience Veterinary Technology
7.	<b>HUMANITIES AND SOCIAL SCIENCES</b>	Applied Drama & Psychology Chinese Studies Gerontological Management Studies Health Management & Promotion Outdoor & Adventure Learning Psychology Studies Social Sciences (Social Work) Sports Coaching Sports & Exercise Sciences
8.	<b>INFORMATION TECHNOLOGY</b>	Business Applications Business Computing Business Enterprise IT Business Informatics Business Information Systems Business Information Technology

		Business Intelligence & Analytics Cyber & Digital Security Digital Entertainment Technology Digital Forensics Digital Media Engineering Informatics Financial Business Informatics Financial Informatics Game & Entertainment Technology Infocomm & Network Engineering Infocomm Security Management Information Security Information Technology Information Technology Service Management Interactive & Digital Media Interactive Media Informatics Interactive Media Technology Mobile & Network Services Mobile & Wireless Computing Mobile Software Development Multimedia & Animation Multimedia & InfoComm Technology Network Systems & Security Telematics & Media Technology
9.	<b>LEGAL STUDIES</b>	Law & Management
10.	<b>MASS COMMUNICATION &amp; INFORMATION SCIENCE</b>	Advertising & Public Relations Chinese Media & Communication Communication & Information Design Communications & Media Management Creative Writings for Television & New Media Mass Communication Media & Communication Media Studies & Management
11.	<b>SCIENCE &amp; RELATED TECHNOLOGIES</b>	Applied Chemistry with Pharmaceutical Science Applied Food Science & Nutrition Baking & Culinary Science Biotechnology Chemical & Green Technology Chemical & Pharmaceutical Technology Consumer Science & Technology Environmental Science Food Science & Nutrition Food Science & Technology Horticulture and Landscape Management Materials Science Medicinal Chemistry Molecular Biotechnology Nanotechnology & Materials Science Nutrition, Health & Wellness Perfumery & Cosmetic Science

12.	<b>SERVICES</b>	Culinary & Catering Management Food & Beverage Business Maritime Business Maritime Transportation Management Nautical Studies Restaurant and Culinary Operations
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## CLASSIFICATION OF COURSES (LASALLE & NAFA)

1.	<b>BUSINESS &amp; ADMINISTRATION</b>	Arts Management Fashion Management Fashion Merchandising & Marketing Technical & Production Management
2.	<b>DESIGN &amp; APPLIED ARTS</b>	Advertising 3D Design Design Communication Design (Landscape and Architecture) Design (Interior and Exhibition) Design (Furniture and Spatial) Design (Object and Jewellery) Design & Media Fashion Design Fashion Fashion Communication Fashion Textile Graphic Communication Illustration Design with Animation Interior Design Multimedia Product Design Screen Media Technical Theatre Arts Visual Communication Visual Studies Foundation
3.	<b>FINE &amp; PERFORMING ARTS</b>	Art (Teaching) Audio Production Dance Fine Arts Jazz Performance Music Music (Classical Performance) Music Performance Music (Teaching) Performance Popular Music Performance Theatre Theatre & Performance Theatre (English Drama) Theatre (Mandarin Drama)
4.	<b>MEDIA PRODUCTION</b>	Animation Art Animation Film Media Broadcast Music Technology Video Art

## CLASSIFICATION OF COURSES (ITE)

### CLASSIFICATION OF DIPLOMA AND HIGHER NATIONAL ITE CERTIFICATE (HIGHER NITEC) PROGRAMMES (2013)

1.	<b>ENGINEERING</b>	<i>Technical Engineer Diploma in Machine Technology</i> <i>Technical Engineer Diploma in Automotive Engineering</i> <i>Higher Nitec in Advanced Manufacturing</i> <i>Higher Nitec in Civil &amp; Structural Engineering Design</i> <i>Higher Nitec in Electrical Engineering</i> <i>Higher Nitec in Facility Systems Design/Process Plant Design/Offshore &amp; Marine Engineering Design</i> <i>Higher Nitec in Facility Management</i> <i>Higher Nitec in Marine Engineering</i> <i>Higher Nitec in Facility Systems Design</i> <i>Higher Nitec in Mechanical Engineering</i> <i>Higher Nitec in Mechatronics Engineering</i> <i>Higher Nitec in Mechanical &amp; Electrical Engineering Design</i> <i>Higher Nitec in Marine Offshore Engineering</i> <i>Higher Nitec in Offshore &amp; Marine Engineering Design</i> <i>Higher Nitec in Process Plant Design</i> <i>Higher Nitec in Shipping Operations &amp; Services</i>
2.	<b>ELECTRONICS &amp; INFO-COMMUNICATIONS TECHNOLOGY</b>	<i>Higher Nitec in Business Information Systems</i> <i>Higher Nitec in e-Business Programming</i> <i>Higher Nitec in Electronics Engineering</i> <i>Higher Nitec in Games Design &amp; Development</i> <i>Higher Nitec in Information Technology</i> <i>Higher Nitec in Information Systems Quality</i> <i>Higher Nitec in Mobile Unified Communications</i> <i>Higher Nitec in Network Security Technology</i> <i>Higher Nitec in Security System Integration</i> <i>Higher Nitec in Wireless Technology</i>
3.	<b>BUSINESS &amp; SERVICES</b>	<i>Higher Nitec in Accounting</i> <i>Higher Nitec in Banking Services</i> <i>Higher Nitec in Business Studies (Administration)</i> <i>Higher Nitec in Business Studies (Service Management)</i> <i>Higher Nitec in Business Studies (Event Management)</i> <i>Higher Nitec in Business Studies (Sport Management)</i> <i>Higher Nitec in Beauty &amp; Spa Management</i> <i>Higher Nitec in Community Sport &amp; Recreation Management</i> <i>Higher Nitec in Early Childhood Education</i> <i>Higher Nitec in Integrated Logistics Management</i> <i>Higher Nitec in Leisure &amp; Travel Operations</i> <i>Higher Nitec in Logistic in International Trade</i> <i>Higher Nitec in Passenger Services</i> <i>Higher Nitec in Retail Merchandising</i>

4.	<b>APPLIED &amp; HEALTH SCIENCES</b>	<i>Higher Nitec in Paramedic &amp; Emergency Care and Nursing (Dual Certification)</i> <i>Higher Nitec in Biotechnology</i> <i>Higher Nitec in Chemical Technology</i> <i>Higher Nitec in Paramedic &amp; Emergency Care</i>
5.	<b>DESIGN &amp; MEDIA</b>	<i>Higher Nitec in Filmmaking (Cinematography)</i> <i>Higher Nitec in Performance Production</i> <i>Higher Nitec in Visual Merchandising</i>
6.	<b>HOSPITALITY</b>	<i>Technical Diploma in Culinary Arts</i> <i>Higher Nitec in Hospitality Operation</i>

### CLASSIFICATION OF NATIONAL ITE CERTIFICATE (NITEC) PROGRAMMES (2013)

1.	<b>ENGINEERING</b>	<i>Nitec in Aerospace Avionics</i> <i>Nitec in Aerospace Technology</i> <i>Nitec in Aerospace Machining Technology</i> <i>Nitec in Automotive Technology</i> <i>Nitec in Automotive Technology (Heavy Vehicles)</i> <i>Nitec in Automotive Technology (Light Vehicles)</i> <i>Nitec in Building Drafting</i> <i>Nitec in Electrical Technology</i> <i>Nitec in Facility Technology</i> <i>Nitec in Laser &amp; Tooling Technology</i> <i>Nitec in Machine Technology</i> <i>Nitec In Mechatronics (Automation Tech/Equipment Assembly)</i> <i>Nitec In Mechatronics (Medical Technology)</i> <i>Nitec in Medical Manufacturing Technology</i> <i>Nitec in Mechanical Technology</i> <i>Nitec in Rapid Transit Technology</i>
2.	<b>ELECTRONICS &amp; INFO-COMMUNICATIONS TECHNOLOGY</b>	<i>Nitec in Digital Audio &amp; Video Production</i> <i>Nitec in Electronics</i> <i>Nitec in Info-Communications Technology (Cloud Computing)</i> <i>Nitec in Info-Communications Technology (Networking &amp; Systems Administration)</i> <i>Nitec in Multimedia Technology</i> <i>Nitec in Mobile Systems &amp; Services</i> <i>Nitec in Security Technology</i> <i>Nitec in Semiconductor Technology</i> <i>Nitec in Social Media &amp; Web Development</i>
3.	<b>DESIGN &amp; MEDIA</b>	<i>Nitec in Digital Animation</i> <i>Nitec in Digital Media Design (Interactive Media)</i> <i>Nitec in Digital Media Design (Digital Video Effects)</i>

		<i>Nitec in Fashion Apparel Production &amp; Design</i> <i>Nitec in Interactive Media Design</i> <i>Nitec in Product Design</i> <i>Nitec in Space Design (Architecture)</i> <i>Nitec in Space Design (Interior &amp; Exhibition)</i> <i>Nitec in Visual Effect</i> <i>Nitec in Visual Communication</i>
4.	<b>BUSINESS &amp; SERVICES</b>	<i>Nitec in Attractions Operation</i> <i>Nitec in Beauty &amp; Wellness</i> <i>Nitec in Beauty Therapy</i> <i>Nitec in Fitness Training</i> <i>Nitec in Floristry</i> <i>Nitec in Hair Services</i> <i>Nitec in Service Skills (Office)</i> <i>Nitec in Service Skills (Retail)</i> <i>Nitec in Service Skills (Tourism)</i>
5.	<b>APPLIED &amp; HEALTH SCIENCE</b>	<i>Nitec in Applied Food Science</i> <i>Nitec in Chemical Process Technology</i> <i>Nitec in Nursing</i> <i>Nitec in Opticianry</i> <i>Nitec in Community Care &amp; Social Services</i>
6.	<b>HOSPITALITY</b>	<i>Nitec in Asian Culinary Arts</i> <i>Nitec in Food &amp; Beverage Operations</i> <i>Nitec in Pastry &amp; Baking</i> <i>Nitec in Western Culinary Arts</i>





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