

2009

# EDUCATION STATISTICS

## DIGEST



Ministry of Education  
SINGAPORE

*moulding the future of our nation*



## CONTENTS

Preface ..... III

Overview of the Education System ..... V

Key Educational Indicators ..... X

### **PRIMARY, SECONDARY AND PRE-UNIVERSITY EDUCATION, 2008**

#### **Summary Statistics**

1	Number of Schools by Level and Type .....	3
2	Students, Education Officers and EAS 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, Level and Stream .....	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 Organisations .....	18
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### **ITE, LASALLE, NAFA, POLYTECHNIC AND UNIVERSITY EDUCATION, 2008**

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

## **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	Enrolment in Private Regular Schools by Level .....	39
26	Intake: Universities, Polytechnics, LASALLE, NAFA and ITE .....	41
27	Enrolment: Universities, Polytechnics, LASALLE, NAFA and ITE .....	43
28	Graduates: Universities, Polytechnics, LASALLE, NAFA and ITE .....	45
29	Government Development Expenditure on Education .....	47
30	Government Recurrent Expenditure on Education .....	49
31	Government Recurrent Expenditure on Education Per Student .....	51
32	Percentage of Pupils who Passed PSLE by Ethnic Group .....	52
33	Percentage of Pupils with at Least 5 'O' Level Passes by Ethnic Group .....	53
34	Percentage of Pupils with at Least 3 'A' / 'H2' Passes & Pass in GP / K&I by Ethnic Group .....	54
35	Percentage of P1 Cohort admitted to Post-Secondary Education Institutions by Ethnic Group .....	55

## **APPENDICES**

Milestones in the Education System .....	58
Classification of Courses in Universities, Polytechnics, LASALLE, NAFA and ITE .....	61

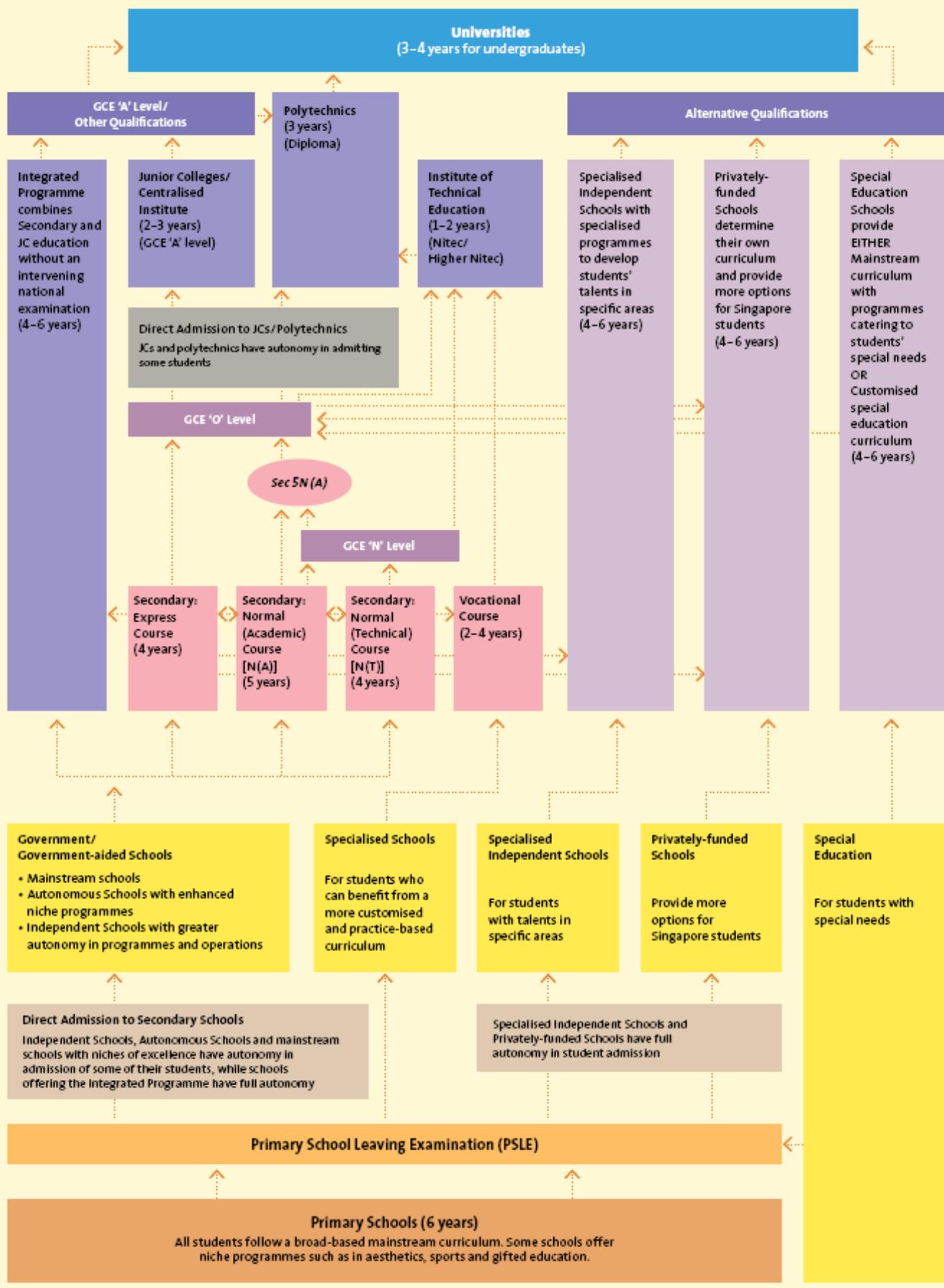
## PREFACE

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 the statistics on primary, secondary and pre-university education for 2008. 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



## OVERVIEW OF THE EDUCATION SYSTEM

Singapore's education system aims to nurture every child and help all students discover their talents, realise their full potential, and develop a passion for life-long learning. We want to nurture in our young the willingness to think in new ways, solve problems and create new opportunities for the future. Equally important, we want to help our young acquire sound values and develop the strength of character to deal with future challenges. National Education aims to foster strong bonds among students and develop in them a deep sense of belonging and commitment to family, community and country.

**Thinking Schools, Learning Nation** (TSLN)—adopted in 1997 as our vision in education—describes a nation of thinking and committed citizens, and an education system capable of meeting the challenges of the 21st century. Since 2003, we have also focused on nurturing a spirit of **Innovation and Enterprise** (I&E) among our students and staff. **Teach Less, Learn More** (TLLM), a call made by PM Lee Hsien Loong in his inaugural National Day Rally speech in 2004, was a call for our schools and teachers to teach better, improve the quality of interaction between teachers and students, and equip students with the knowledge, skills and values that prepare them for life. Teaching will be focused on developing understanding, critical thinking and the ability to ask questions and seek solutions.

A cornerstone of Singapore's education system is the bilingual policy which allows each child to learn English and his Mother Tongue, which could be Malay, Chinese or Tamil, to the best of his abilities. This enables children to be proficient in English, which is the language of commerce, technology and administration, and their Mother Tongue, the language of their cultural heritage.

There are opportunities for every child in Singapore to undergo at least ten years of general education. The school system features a national curriculum, with major national examinations at the end of the primary, secondary and junior college years. In recent years, we have also moved towards a more flexible and diverse education system, aimed at providing students with greater flexibility and choice. Upon completion of their primary education, students can choose from a range of education institutions and programmes that cater to different strengths and interests. To allow a greater range of student achievements and talents to be recognised, selected secondary schools, junior colleges, polytechnics and universities have the flexibility to admit a percentage of their intake using school-based criteria in the direct or discretionary admission exercises.

### PRIMARY EDUCATION

At the primary level, students go through a six-year course aimed at giving students a good grasp of English, Mother Tongue and Mathematics. In addition, students will learn Science, Social Studies, Civics & Moral Education, Music, Art & Crafts, Health Education and Physical Education. They are also encouraged to participate in Co-Curricular Activities (CCAs) and Community Involvement Programme (CIP).

Starting from the 2008 Primary 5 cohort, primary schools have introduced Subject-based Banding to replace the current EM3 stream. With Subject-based Banding, students can offer a mix of Standard or Foundation subjects depending on their aptitude in each subject. Previously, at Primary 5 and Primary 6, students in the EM3 stream offer

all academic subjects at the Foundation level, while students in the merged stream<sup>1</sup> offer all academic subjects at the Standard level.

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.

## SECONDARY EDUCATION

At the secondary level, students undergo one of three courses designed to match their learning abilities and interests:

- **Special / Express Course<sup>2</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>3</sup>, as well as Mathematics, Science 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 (starting from 2007). Selected students may offer up to two<sup>4</sup> ‘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 Special and Express courses.
- **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.

Since 2006, secondary schools have also been offering Advanced Elective Modules in collaboration with polytechnics, to allow students to experience and benefit from practice-oriented learning in fields as diverse as digital media and entrepreneurship. Upper secondary students in participating schools are eligible to offer these modules.

## SPECIALISED SCHOOLS

To better cater to students who can benefit from a more customised and vocational curriculum, NorthLight School, was established. The school, which began operation in 2007, offers a 3 or 4-year enhanced vocational programme. Graduates of the school can progress to further education at the ITE, employment or apprenticeship with the industries. From 2009, the remaining vocational training centre, Assumption Vocational Institute, will be remodeled to form the Assumption Pathway School to offer a similar vocational programme.

<sup>1</sup> From 2004, the distinction between the EM1 and EM2 streams was removed, and schools were given the autonomy to band their pupils by ability, in ways that add the most educational value.

<sup>2</sup> Starting from the Secondary 1 students in 2008, the Special and Express Courses will be merged into the “Express Course”.

<sup>3</sup> Students can opt to study Mother Tongue (Malay/Chinese/Tamil) at either the standard, higher or Syllabus B levels depending on their ability and eligibility.

<sup>4</sup> Starting with the 2009 Secondary 4N(A) cohort, this cap will be lifted.

## SPECIALISED INDEPENDENT SCHOOLS

From January 2010, students will have a further pathway to choose from, when the new School of Science and Technology, Singapore (SST) takes in its first batch of students. The SST will be established as a Specialised Independent School, complementing the NUS High School of Mathematics and Science, the Singapore Sports School and the School of the Arts in adding further diversity to our education landscape.

## INTEGRATED PROGRAMME

Students who are clearly university-bound, and could do well in a less structured environment, also have the choice of the Integrated Programme (IP), which spans secondary and junior college education without intermediate national examinations at the end of secondary school. Time previously used to prepare students for the GCE 'O' Level Examination would be used to engage them in broader learning experiences. Selected schools also offer alternative curricula and qualifications (e.g. International Baccalaureate).

## POST-SECONDARY AND TERTIARY EDUCATION

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

- **Junior Colleges / Centralised Institute.** Pupils who are academically inclined and have the necessary GCE 'O' level qualifications may apply for pre-university education at the junior colleges (two-year course) and centralised institute (three-year course). This course of studies leads to the GCE 'A' Level Examination. If they do well, they can opt to join the National University of Singapore, the Nanyang Technological University or the Singapore Management University for degree courses. They can also undergo teacher-training at the National Institute of Education.
- **Polytechnics.** Pupils who prefer a more applied tertiary education and have the necessary GCE 'O' level grades can take up diploma courses in the 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 or through the degree programmes (in niche areas) jointly offered by the polytechnics and foreign specialised institutions from July 2007.

The polytechnics offer a wide range of courses in the fields of engineering, business studies, accountancy, early childhood education, maritime studies, mass communications, social sciences, nursing, dental therapy, sports and exercise sciences, biotechnology, chemical engineering, digital media design, applied science, product design and infocommunications.

- **Institute of Technical Education (ITE).** Pupils 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, school leavers can also acquire skills certification through apprenticeship programmes conducted jointly by companies and ITE.

- **Arts Institutions.** Pupils interested in the creative arts can choose to enrol in the LASALLE College of the Arts or the Nanyang Academy of Fine Arts which offer diploma programmes in visual and performing arts such as music, theatre, dance, interior design and fashion design.

### **Singapore Institute of Applied Technology (SIAT)**

In May 2009, the Government approved the recommendation for a new institute, namely the SIAT, which will be responsible to plan, manage and implement degree programmes offered by foreign universities in partnership with the 5 polytechnics. SIAT will work with the foreign universities to offer degree courses in the name of the universities, no different in quality compared to their home campuses from 2011 onwards. These degree courses will be mostly conducted in the polytechnic campuses.

SIAT will become another “peak of excellence” in the higher education landscape and provide even more opportunities for polytechnic students with its spectrum of diverse degree offerings - Applied Sciences and Engineering, Digital Media, Hospitality, Health Sciences and Design as a start – areas which have been identified that can continue to offer promising jobs in our economy and also build on the training which our polytechnic graduates have received.

### **Universities**

- **National University of Singapore (NUS)** has 14 faculties and schools, of which nine offer courses leading to first and higher degrees, namely: Arts and Social Sciences, Business, Computing, Design and Environment, Dentistry, Engineering, Law, Medicine, and Science. The Yong Siew Toh Conservatory of Music and the University Scholars Programme offer only undergraduate programmes, while the Lee Kuan Yew School of Public Policy, the NUS Graduate School for Integrative Sciences and Engineering and the Duke-NUS Graduate Medical School offer only postgraduate degrees.
- **Nanyang Technological University (NTU)** is organised into four Colleges and two Autonomous Institutions. Schools under the four Colleges offer undergraduate and postgraduate programmes in the following fields: Chemical and Biomedical Engineering, Civil and Environmental Engineering, Computer Engineering, Electrical and Electronic Engineering, Materials Science and Engineering, Mechanical and Aerospace Engineering, Biological Sciences, Physical and Mathematical Sciences, Art, Design and Media, Humanities and Social Sciences, and Communication and Information.

The two Autonomous Institutions are the S Rajaratnam School of International Studies (RSIS) and the National Institute of Education (NIE). RSIS offers postgraduate degrees in Strategic Studies, International Relations, International Political Economy, International Studies and Defence Administration. NIE conducts professional training for teachers, offering four-year degree programmes which lead to the award of the degree of Bachelor of Arts (Education) or Bachelor of Science (Education) including specialisation in physical education. Non-degree two-year programmes which lead to the award of the Diploma in Education/Physical Education are also offered. University graduates can take up the Postgraduate Diploma in Education/Physical Education.

- **Singapore Management University (SMU)** has six schools—the School of Accountancy, the School of Business, the School of Economics, the School of Social Sciences, the School of Information Systems and the School of Law. In addition to offering single degree programmes with a double major, SMU also allows its undergraduates to combine a double degree from any of its six schools.

From 1 April 2006, NUS, NTU and SMU were transformed into autonomous universities, to allow them to react more nimbly to the opportunities and challenges they face, as well as to differentiate themselves and chart their own strategies towards achieving peaks of excellence.

In August 2008, Government approved the recommendation for a new publicly-funded university to be established. Plans for the new university, to be sited on Singapore's east coast next to Singapore Expo and Changi Business Park, are underway. The new university is expected to open its doors in 2011.

## KEY EDUCATIONAL INDICATORS

<b><u>Percentage of P1 cohort<sup>1</sup> who</u></b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Sat for					
PSLE and passed	98.5	98.4	98.4	98.4	98.1
GCE 'N' or 'O' Level Examinations and had at least 5 'N' level passes or 3 'O' level passes	86.9	86.9	86.8	86.9	87.2
GCE 'A' Level Examinations and had at least 3 H2 passes (with a pass in GP or KI) <sup>2</sup>	24.6	24.6	25.1	24.4	24.2
Admitted into <sup>3</sup>					
Institute of Technical Education	22.1	21.4	21.9	21.2	22.2
Polytechnics	38.3	40.0	39.5	41.2	41.6
Junior Colleges / Centralised Institutes	29.9	29.9	30.1	30.4	30.5
Universities (NUS, NTU, SMU)	23.2	23.7	23.8	23.8	24.8
<hr/>					
<b><u>Ratio of Students to Teaching Staff</u></b>					
Primary	24.3	23.5	22.6	22.1	21.4
Secondary	19.0	18.5	18.4	18.3	17.9

**Notes:**

1. The P1 cohorts represented in each year are different across the indicators, as different cohorts reach the target levels in each year.
2. Figures for 2004 – 2006 are for at least 3 'A' Level passes including GP.
3. Students who enrol in one type of institution may later progress to another.

**PRIMARY, SECONDARY AND PRE-UNIVERSITY  
EDUCATION, 2008**



## 1 NUMBER OF SCHOOLS BY LEVEL AND TYPE, 2008

Type of School	Primary	Secondary	Mixed Level <sup>1</sup>	Junior College / Centralised Institute	Total
<b>Total</b>	<b>174</b>	<b>154</b>	<b>14</b>	<b>14</b>	<b>356</b>
Government	133	120	5	9	267
Govt-Aided	41	28	3	4	76
Independent	0	4	4	1	9
Specialised Independent	0	1	2	0	3
Specialised	0	1	0	0	1

Note: 1) The category Mixed Level includes Primary & Secondary Schools (P1-S4/5), Secondary & Junior College Schools (S1-JC2); and Upper Secondary and Junior College (S3-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 EAS<sup>1</sup> IN SCHOOLS BY LEVEL, 2008

	Primary		Secondary		Mixed Level <sup>2</sup>		Junior College / Centralised Institute		Total	
	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female
Enrolment	272097	130576	201531	97876	30981	14958	24323	13410	528932	256820
Teacher	12723	10454	11062	7317	2112	1345	1997	1168	27894	20284
Vice-Principal	191	140	202	119	30	19	23	13	446	291
Principal	174	123	154	84	14	7	14	9	356	223
EAS	1868	1355	2565	1601	462	297	349	227	5244	3480

Note: 1) Executive and Administrative Staff (EAS) includes Vice-Principal (Admin), Administrative Manager, Administrative Executive, Full-Time School Counsellor, Special Needs Officer, Technical Support Officer, Operations Manager, Operations Support Officer and Corporate Support Officer, but excludes contract cleaners and security guards.

2) The category Mixed Level includes Primary & Secondary Schools (P1-S4/5), Secondary & Junior College Schools (S1-JC2); and Upper Secondary and Junior College (S3-JC2).

### 3 SUMMARY STATISTICS ON EDUCATION OFFICERS, 2008

Level / Type of School	Qualification	Teacher		Vice-Principal		Principal		All	
		Total	Female	Total	Female	Total	Female	Total	Female
<b>Total</b>	<b>Graduate Non-grad</b>	<b>21465</b>	<b>15005</b>	<b>426</b>	<b>278</b>	<b>320</b>	<b>199</b>	<b>22211</b>	<b>15482</b>
<b>Primary</b>	<b>Graduate</b>	<b>7570</b>	<b>6154</b>	<b>180</b>	<b>134</b>	<b>138</b>	<b>99</b>	<b>7888</b>	<b>6387</b>
	<b>Non-grad</b>	<b>5453</b>	<b>4551</b>	<b>18</b>	<b>12</b>	<b>36</b>	<b>24</b>	<b>5507</b>	<b>4587</b>
<b>Government</b>	Graduate	5368	4332	131	94	103	75	5602	4501
	Non-grad	4066	3362	12	6	30	20	4108	3388
<b>Govt-Aided</b>	Graduate	2202	1822	49	40	35	24	2286	1886
	Non-grad	1387	1189	6	6	6	4	1399	1199
<b>Secondary</b>	<b>Graduate</b>	<b>11178</b>	<b>7291</b>	<b>215</b>	<b>127</b>	<b>165</b>	<b>90</b>	<b>11558</b>	<b>7508</b>
	<b>Non-grad</b>	<b>965</b>	<b>724</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>967</b>	<b>725</b>
<b>Government</b>	Graduate	7878	5088	158	85	123	68	8159	5241
	Non-grad	708	540	1	1	0	0	709	541
<b>Govt-Aided</b>	Graduate	2205	1483	36	29	30	14	2271	1526
	Non-grad	199	158	1	0	0	0	200	158
<b>Independent</b>	Graduate	987	657	20	13	8	5	1015	675
	Non-grad	22	16	0	0	0	0	22	16
<b>Specialised</b>	Graduate	102	57	0	0	3	2	105	59
	Independent	3	1	0	0	0	0	3	1
<b>Specialised</b>	Graduate	6	6	1	0	1	1	8	7
	Non-grad	33	9	0	0	0	0	33	9
<b>Junior College / Centralised Institute</b>									
<b>Institute</b>	<b>Graduate</b>	<b>2717</b>	<b>1560</b>	<b>31</b>	<b>17</b>	<b>17</b>	<b>10</b>	<b>2765</b>	<b>1587</b>
	<b>Non-grad</b>	<b>11</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>4</b>
<b>Government</b>	Graduate	1652	960	20	10	12	8	1684	978
	Non-grad	6	2	0	0	0	0	6	2
<b>Govt-Aided</b>	Graduate	561	328	6	5	4	2	571	335
	Non-grad	3	2	0	0	0	0	3	2
<b>Independent</b>	Graduate	504	272	5	2	1	0	510	274
	Non-grad	2	0	0	0	0	0	2	0

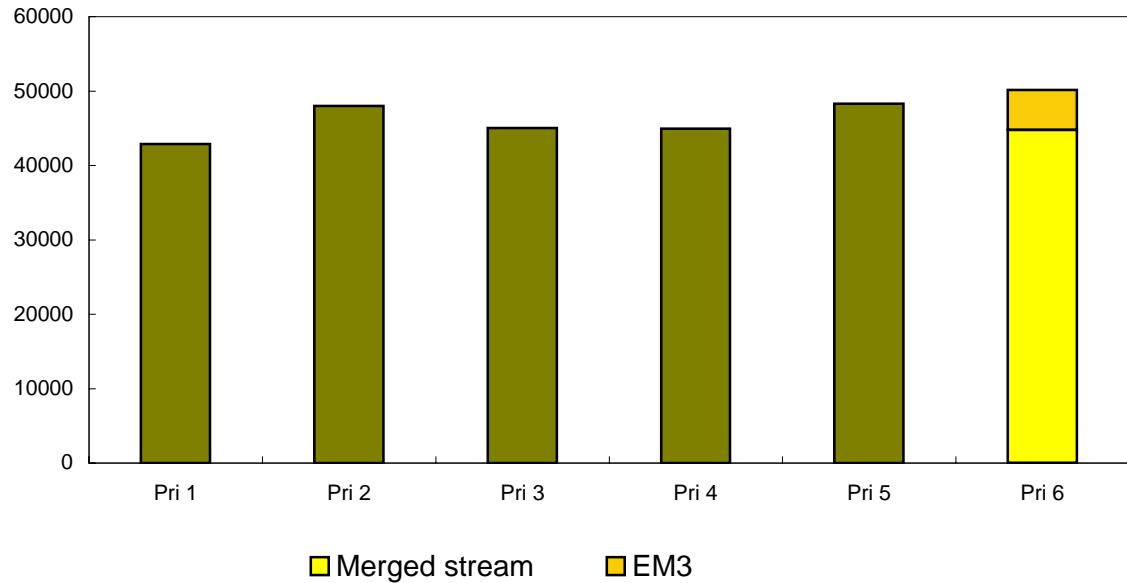
Note: 1) The above excludes 809 (Female 526) officers in HQ, 836 (Female 762) on various leave, 272 (Female 158) on secondment to other institutions and 270 (Female 220) studying at NIE.

2) Officers in Mixed Level schools are classified based on their teaching subjects in the schools. Principals for the 2 Mixed Level schools (Primary & Secondary) are placed under Secondary level.

**4 ENROLMENT, NUMBER OF CLASSES AND CLASS SIZE BY LEVEL, 2008**

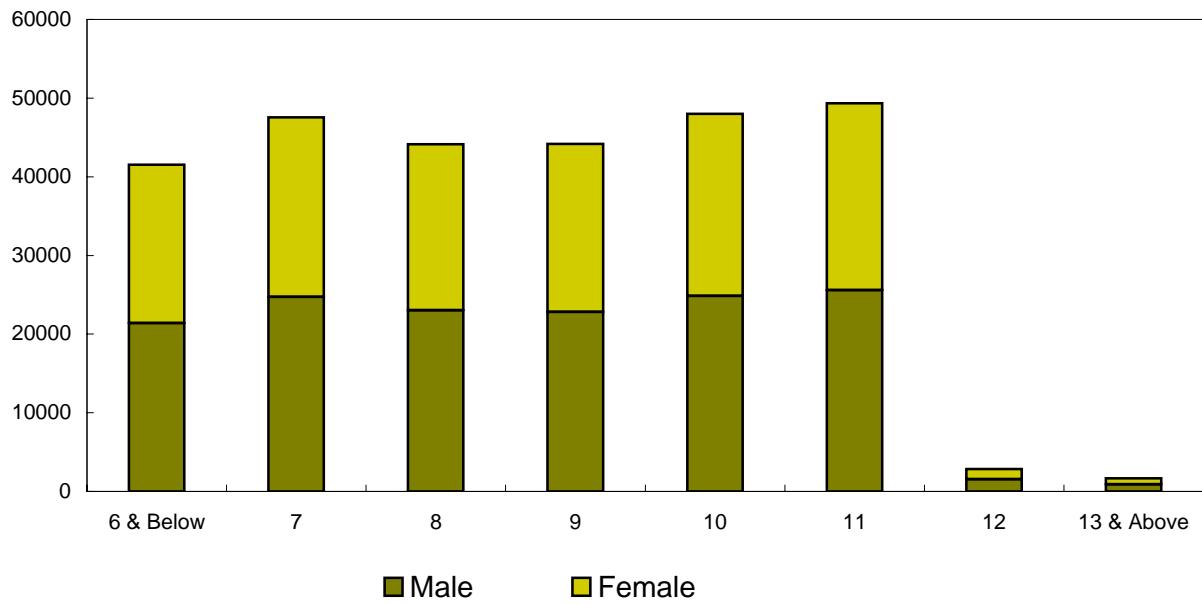
<b>Level</b>	<b>Enrolment</b>	<b>No. of Classes</b>	<b>Average Class Size</b>
<b>Total</b>	<b>528932</b>	<b>15439</b>	<b>34.3</b>
<b>Primary</b>			
Pri 1	42880	1442	29.7
Pri 2	47994	1614	29.7
Pri 3	45019	1187	37.9
Pri 4	44926	1192	37.7
Pri 5	48307	1294	37.3
Pri 6	50146	1368	36.7
<b>Secondary</b>	<b>217081</b>	<b>5934</b>	<b>36.6</b>
Sec 1	50214	1337	37.6
Sec 2	51830	1383	37.5
Sec 3	54557	1475	37.0
Sec 4	50919	1445	35.2
Sec 5	9561	294	32.5
<b>Junior College / Centralised Institute</b>	<b>32579</b>	<b>1408</b>	<b>23.1</b>
JC 1 / PU 1	16836	716	23.5
JC 2 / PU 2	15423	680	22.7
PU 3	320	12	26.7

### PRIMARY ENROLMENT BY LEVEL AND STREAM, 2008



■ Merged stream      ■ EM3

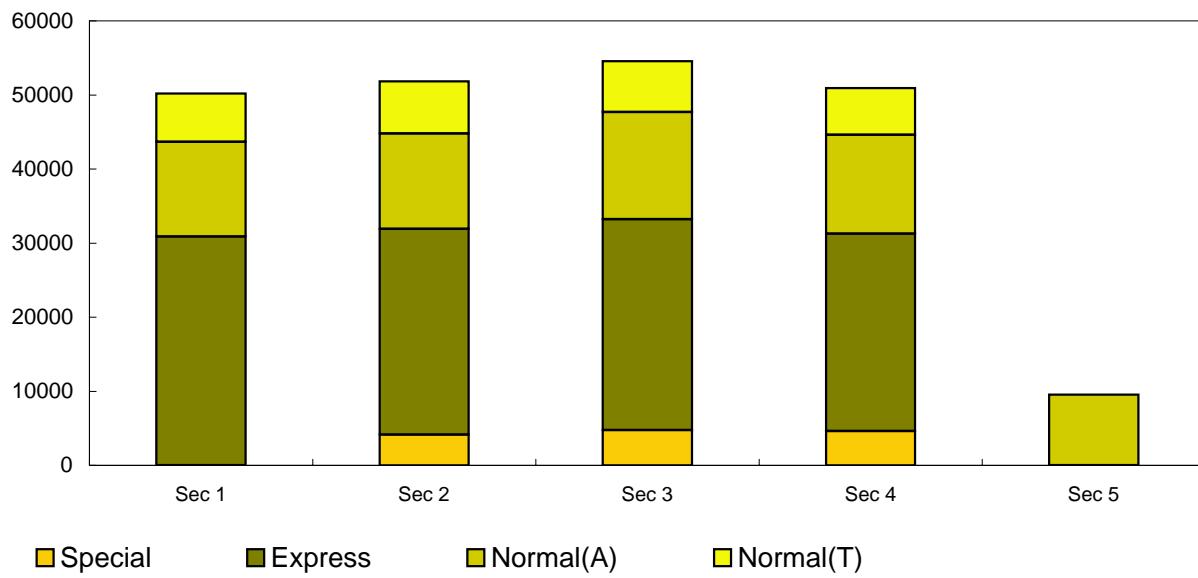
### PRIMARY ENROLMENT BY AGE, 2008



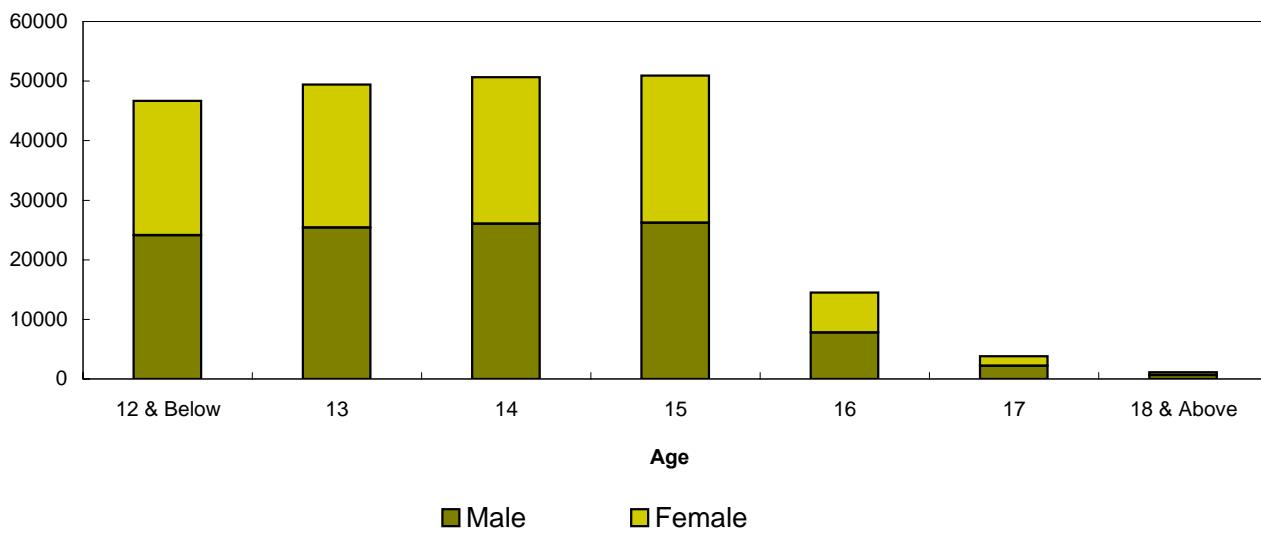
## 5 PRIMARY ENROLMENT BY AGE, LEVEL AND STREAM, 2008

Level & Stream	Sex	Age (in years)												Total
		≤ 6	7	8	9	10	11	12	13	14	≥ 15			
Total	MF	41548	47538	44138	44158	48006	49360	2854	1248	362	60	279272		
	F	20140	22814	21113	21345	23159	23775	1290	599	148	23	134406		
Pri 1	MF	41548	943	294	78	17	-	-	-	-	-	42880		
	F	20140	381	122	28	7	-	-	-	-	-	20678		
Pri 2	MF	-	46591	956	329	102	16	-	-	-	-	47994		
	F	-	22430	400	144	41	7	-	-	-	-	23022		
Pri 3	MF	-	4	42883	1288	615	201	28	-	-	-	45019		
	F	-	3	20588	604	289	101	12	-	-	-	21597		
Pri 4	MF	-	-	5	42459	1338	773	283	68	-	-	44926		
	F	-	-	3	20567	625	368	130	23	-	-	21716		
Pri 5	MF	-	-	-	4	45929	1277	724	338	35	-	48307		
	F	-	-	-	2	22194	589	345	168	9	-	23307		
Pri 6	MF	-	-	-	-	5	47093	1819	842	327	60	50146		
	F	-	-	-	-	3	22710	803	408	139	23	24086		
Merged stream	MF	-	-	-	-	5	42723	988	706	293	41	44756		
	F	-	-	-	-	3	21244	447	354	128	17	22193		
EM3	MF	-	-	-	-	-	4370	831	136	34	19	5390		
	F	-	-	-	-	-	1466	356	54	11	6	1893		

### SECONDARY ENROLMENT BY LEVEL AND COURSE, 2008



### SECONDARY ENROLMENT BY AGE, 2008

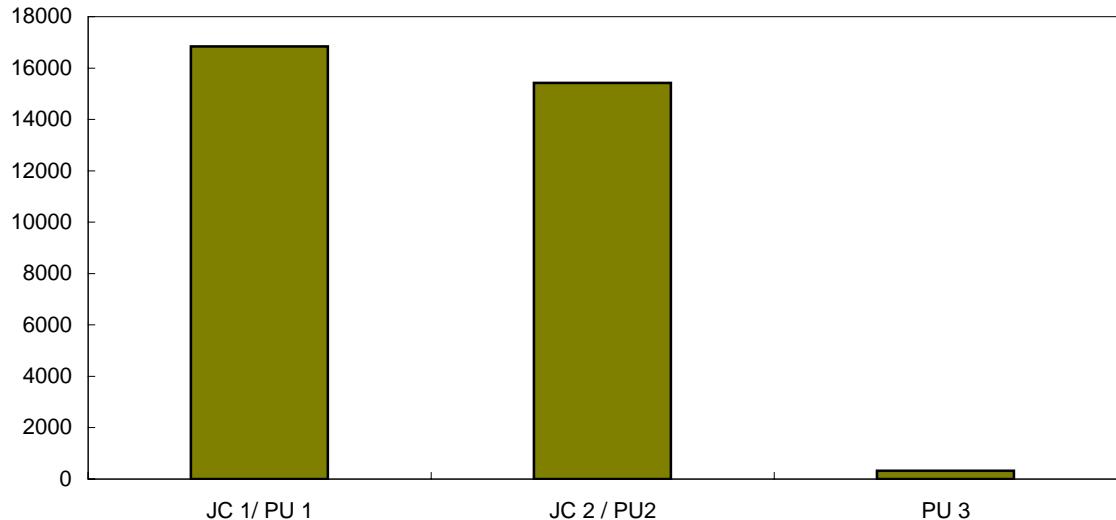


## 6 SECONDARY ENROLMENT BY AGE, LEVEL AND COURSE, 2008

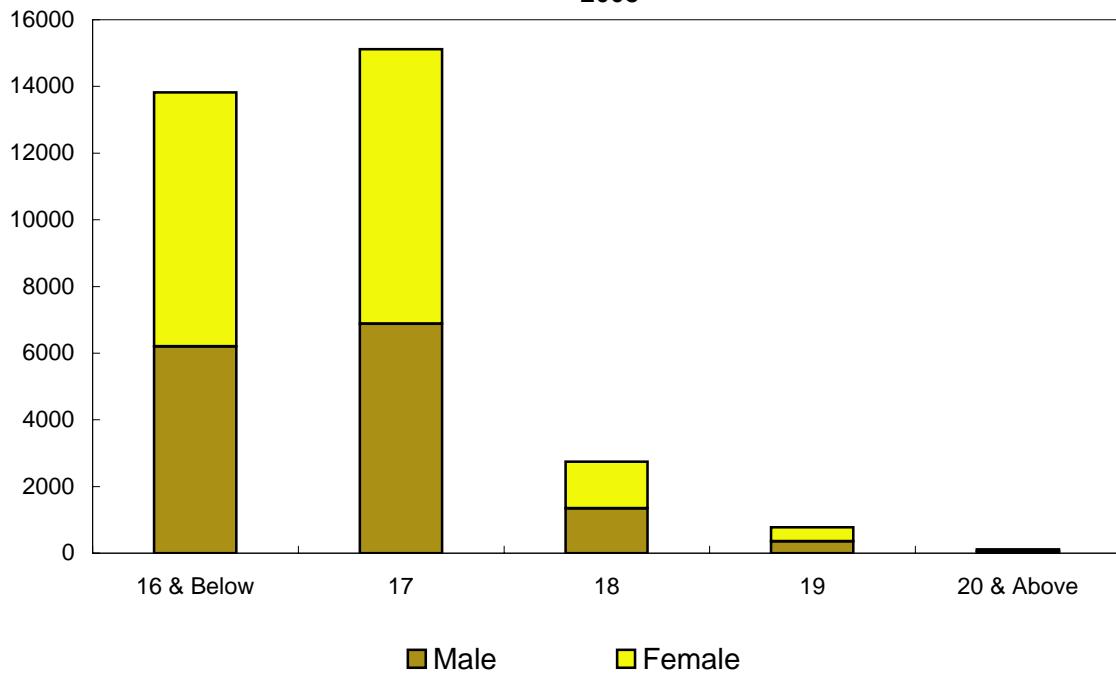
Level & Course	Sex	Age (in years)											Total
		≤ 11	12	13	14	15	16	17	18	19	≥ 20		
Total	MF	9	46657	49432	50632	50907	14480	3819	935	186	24	217081	
	F	7	22520	24003	24583	24710	6677	1639	434	86	6	104665	
Secondary 1	MF	9	46640	2084	947	442	88	4	-	-	-	50214	
	F	7	22512	962	428	186	28	1	-	-	-	24124	
Special	MF	-	-	-	-	-	-	-	-	-	-	-	
	F	-	-	-	-	-	-	-	-	-	-	-	
Express	MF	8	29086	959	550	236	33	1	-	-	-	30873	
	F	6	15073	508	254	107	9	1	-	-	-	15958	
Normal(A)	MF	1	11903	487	244	135	40	1	-	-	-	12811	
	F	1	5558	206	120	56	15	-	-	-	-	5956	
Normal(T)	MF	-	5651	638	153	71	15	2	-	-	-	6530	
	F	-	1881	248	54	23	4	-	-	-	-	2210	
Secondary 2	MF	-	17	47327	2409	1397	575	103	2	-	-	51830	
	F	-	8	23033	1091	659	260	42	1	-	-	25094	
Special	MF	-	1	3970	98	60	27	-	-	-	-	4156	
	F	-	1	2252	52	29	15	-	-	-	-	2349	
Express	MF	-	11	25904	856	706	267	37	-	-	-	27781	
	F	-	5	13276	439	377	137	17	-	-	-	14251	
Normal(A)	MF	-	4	11444	795	391	205	40	-	-	-	12879	
	F	-	2	5350	349	178	80	17	-	-	-	5976	
Normal(T)	MF	-	1	6009	660	240	76	26	2	-	-	7014	
	F	-	-	2155	251	75	28	8	1	-	-	2518	
Secondary 3	MF	-	-	21	47265	4477	1880	781	128	4	1	54557	
	F	-	-	8	23060	1853	833	355	55	3	1	26168	
Special	MF	-	-	2	4002	478	236	31	2	-	-	4751	
	F	-	-	2	2238	220	98	15	1	-	-	2574	
Express	MF	-	-	15	25636	1672	752	328	51	2	-	28456	
	F	-	-	4	13343	797	398	173	26	2	-	14743	
Normal(A)	MF	-	-	4	11875	1579	622	342	58	1	-	14481	
	F	-	-	2	5402	572	233	140	23	1	-	6373	
Normal(T)	MF	-	-	-	5752	748	270	80	17	1	1	6869	
	F	-	-	-	2077	264	104	27	5	-	1	2478	
Secondary 4	MF	-	-	-	11	44590	3896	1748	573	91	10	50919	
	F	-	-	-	4	22012	1565	788	262	42	2	24675	
Special	MF	-	-	-	1	3938	405	265	17	3	-	4629	
	F	-	-	-	-	2323	199	112	11	2	-	2647	
Express	MF	-	-	-	7	24170	1464	676	290	40	1	26648	
	F	-	-	-	2	12574	696	371	135	17	-	13795	
Normal(A)	MF	-	-	-	3	11173	1348	536	227	42	4	13333	
	F	-	-	-	2	5199	449	219	102	22	1	5994	
Normal(T)	MF	-	-	-	-	5309	679	271	39	6	5	6309	
	F	-	-	-	-	1916	221	86	14	1	1	2239	
Secondary 5*	MF	-	-	-	-	1	8041	1183	232	91	13	9561	
	F	-	-	-	-	-	3991	453	116	41	3	4604	

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

**JUNIOR COLLEGE / CENTRALISED INSTITUTE ENROLMENT BY LEVEL,  
2008**



**JUNIOR COLLEGE / CENTRALISED INSTITUTE ENROLMENT BY AGE,  
2008**



**7 JUNIOR COLLEGE / CENTRALISED INSTITUTE ENROLMENT BY AGE AND LEVEL, 2008**

Level	Sex	Age (in years)								Total
		≤ 15	16	17	18	19	20	≥ 21		
Total	MF	16	13804	15119	2741	780	106	13	32579	
	F	5	7615	8240	1400	424	57	8	17749	
Junior College / Centralised Institutes	MF	16	13804	15119	2741	780	106	13	32579	
	F	5	7615	8240	1400	424	57	8	17749	
JC 1 / PU 1	MF	16	13782	2235	676	111	16	-	16836	
	F	5	7605	1160	325	59	9	-	9163	
JC 2 / PU 2	MF	-	22	12884	1865	578	68	6	15423	
	F	-	10	7080	939	312	34	4	8379	
PU 3	MF	-	-	-	200	91	22	7	320	
	F	-	-	-	136	53	14	4	207	

## 8 NUMBER OF SCHOOLS BY LEVEL AND ELECTORAL CONSTITUENCY, 2008

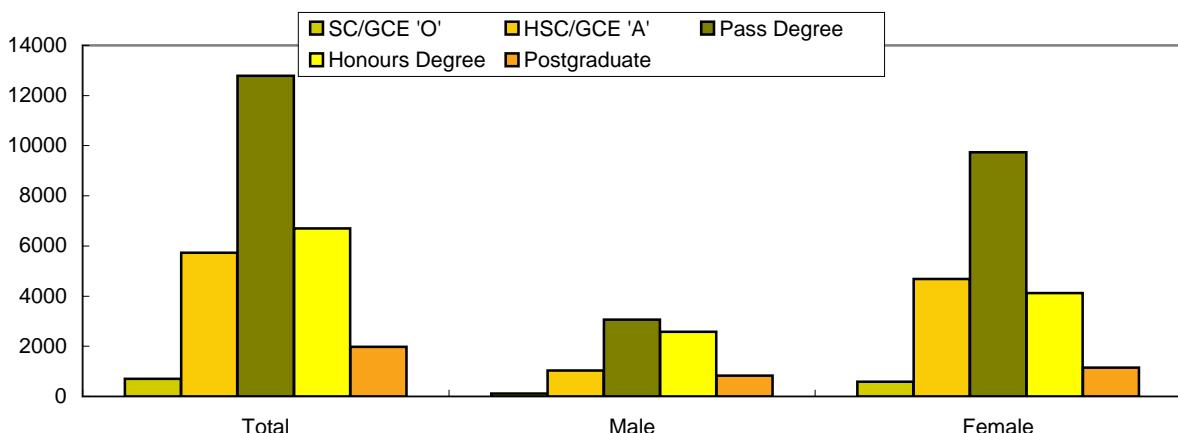
Electoral Constituency	Primary	Secondary	Mixed Level <sup>1</sup>	Junior College / Centralised Institute	Total
<b>Group Representation Constituency</b>					
Aljunied	10	8	-	-	18
Ang Mo Kio	12	10	1	2	25
Bishan-Toa Payoh	7	9	1	1	18
East Coast	7	10	1	-	18
Holland-Bukit Timah	12	6	2	-	20
Hong Kah	15	9	-	-	24
Jalan Besar	3	4	1	-	8
Jurong	9	12	-	2	23
Marine Parade	12	14	2	1	29
Pasir Ris-Punggol	19	14	-	1	34
Sembawang	20	15	-	1	36
Tampines	12	9	-	1	22
Tanjong Pagar	13	12	2	1	28
West Coast	7	9	3	1	20
<b>Single-Seat Constituency</b>					
Bukit Panjang	1	-	-	-	1
Chua Chu Kang	2	4	-	1	7
Hougang	1	1	-	1	3
Joo Chiat	3	1	1	-	5
MacPherson	1	1	-	-	2
Nee Soon Central	1	-	-	-	1
Nee Soon East	3	4	-	-	7
Potong Pasir	3	2	-	1	6
Yio Chu Kang	1	-	-	-	1

Note: 1) The category Mixed Level includes Primary & Secondary Schools (P1-S4/5), Secondary & Junior College Schools (S1-JC2); and Upper Secondary and Junior College (S3-JC2).

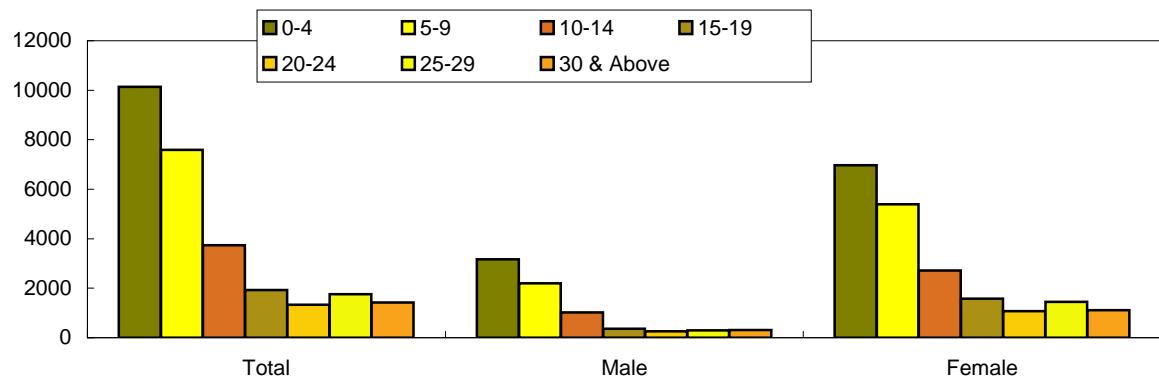
## 9 ENROLMENT BY LEVEL AND ELECTORAL CONSTITUENCY, 2008

Electoral Constituency	Primary	Secondary	Junior College / Centralised Institute	Total
<b>Group Representation Constituency</b>				
Aljunied	16346	14326	2319	32991
Ang Mo Kio	17239	13498	2331	33068
Bishan-Toa Payoh	11691	10304	2270	24265
East Coast	14519	11735	2102	28356
Holland-Bukit Timah	14865	10805	2483	28153
Hong Kah	26425	20206	2718	49349
Jalan Besar	7647	5810	860	14317
Jurong	16097	12178	1984	30259
Marine Parade	17125	14064	2671	33860
Pasir Ris-Punggol	30350	22274	2631	55255
Sembawang	33815	22682	2266	58763
Tampines	17021	14577	1764	33362
Tanjong Pagar	13390	10518	2205	26113
West Coast	15669	11295	1775	28739
<b>Single-Seat Constituency</b>				
Bukit Panjang	3888	3485	489	7862
Chua Chu Kang	3644	3187	357	7188
Hougang	2827	2178	333	5338
Joo Chiat	2507	2333	768	5608
MacPherson	2192	1723	216	4131
Nee Soon Central	2708	2270	323	5301
Nee Soon East	5094	4117	507	9718
Potong Pasir	1455	1244	267	2966
Yio Chu Kang	2328	1782	191	4301

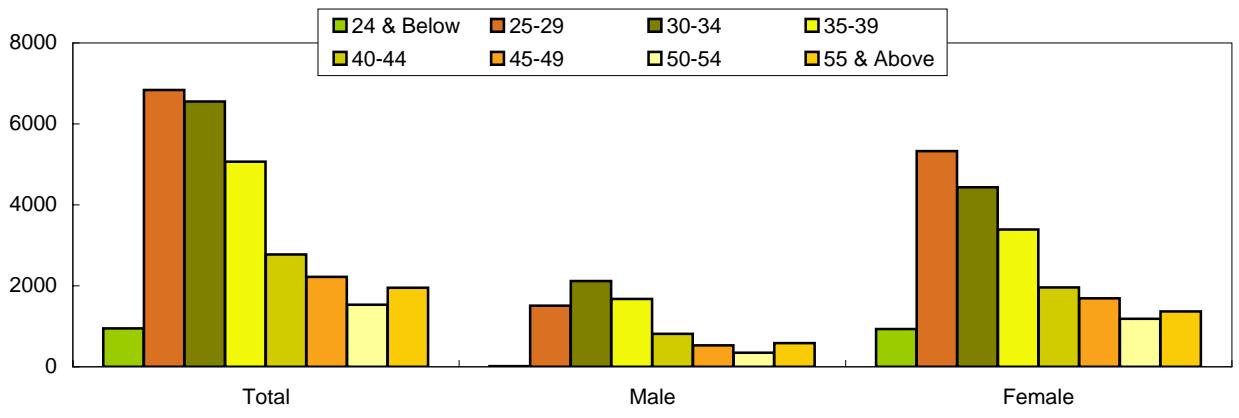
### TEACHERS BY ACADEMIC QUALIFICATION, 2008



### TEACHERS BY LENGTH OF SERVICE, 2008



### TEACHERS BY AGE, 2008



**10 TEACHERS' ACADEMIC QUALIFICATION, LENGTH OF SERVICE AND AGE BY LEVEL,  
2008**

	Primary		Secondary		Junior College / Centralised Institute		Total	
	Total	Female	Total	Female	Total	Female	Total	Female
<b>Total</b>	<b>13023</b>	<b>10705</b>	<b>12143</b>	<b>8015</b>	<b>2728</b>	<b>1564</b>	<b>27894</b>	<b>20284</b>

**Academic Qualification**

GCE 'O' Level	613	538	90	54	2	-	705	592
GCE 'A' Level	4840	4013	875	670	9	4	5724	4687
Pass Degree	5429	4558	6821	4849	542	328	12792	9735
Honours Degree	1758	1315	3257	1821	1685	987	6700	4123
Masters Degree	381	279	1070	603	458	233	1909	1115
Ph D	2	2	30	18	32	12	64	32

**Length of Service**

0 - 4	4380	3420	4539	2852	1213	697	10132	6969
5 - 9	3984	3207	3058	1907	544	278	7586	5392
10 - 14	1634	1383	1757	1151	346	178	3737	2712
15 - 19	1092	981	696	512	144	81	1932	1574
20 - 24	509	459	634	496	185	118	1328	1073
25 - 29	685	624	888	690	182	139	1755	1453
30 & Above	739	631	571	407	114	73	1424	1111

**Age**

24 & Below	461	450	420	416	65	63	946	929
25 - 29	3067	2587	2930	2173	844	568	6841	5328
30 - 34	3156	2494	2772	1646	629	295	6557	4435
35 - 39	2549	2030	2121	1192	394	167	5064	3389
40 - 44	1382	1122	1192	745	202	94	2776	1961
45 - 49	965	819	1017	708	241	166	2223	1693
50 - 54	529	467	841	610	162	105	1532	1182
55 & Above	914	736	850	525	191	106	1955	1367

**11 VICE-PRINCIPALS' ACADEMIC QUALIFICATION, LENGTH OF SERVICE AND AGE BY LEVEL, 2008**

	Primary		Secondary		Junior College / Centralised Institute		Total	
	Total	Female	Total	Female	Total	Female	Total	Female
<b>Total</b>	<b>198</b>	<b>146</b>	<b>217</b>	<b>128</b>	<b>31</b>	<b>17</b>	<b>446</b>	<b>291</b>
<b>Academic Qualification</b>								
GCE 'O' Level	3	3	1	-	-	-	4	3
GCE 'A' Level	15	9	1	1	-	-	16	10
Pass Degree	92	72	73	46	3	3	168	121
Honours Degree	28	18	70	43	14	7	112	68
Masters Degree	60	44	72	38	14	7	146	89
Ph D	-	-	-	-	-	-	-	-
<b>Length of Service</b>								
0 - 4	1	-	2	1	1	-	4	1
5 - 9	13	6	21	7	3	-	37	13
10 - 14	42	24	58	26	12	7	112	57
15 - 19	46	39	33	16	5	3	84	58
20 - 24	41	31	47	36	8	5	96	72
25 - 29	43	34	37	28	-	-	80	62
30 & Above	12	12	19	14	2	2	33	28
<b>Age</b>								
24 & Below	-	-	-	-	-	-	-	-
25 - 29	-	-	-	-	-	-	-	-
30 - 34	7	3	11	7	2	1	20	11
35 - 39	53	36	50	22	13	7	116	65
40 - 44	50	39	46	22	5	2	101	63
45 - 49	53	38	62	45	9	5	124	88
50 - 54	25	20	31	21	-	-	56	41
55 & Above	10	10	17	11	2	2	29	23

**12 PRINCIPALS' ACADEMIC QUALIFICATION, LENGTH OF SERVICE AND AGE BY LEVEL  
2008**

	Primary		Secondary		Junior College / Centralised Institute		Total	
	Total	Female	Total	Female	Total	Female	Total	Female
<b>Total</b>	<b>174</b>	<b>123</b>	<b>165</b>	<b>90</b>	<b>17</b>	<b>10</b>	<b>356</b>	<b>223</b>
<b>Academic Qualification</b>								
GCE 'O' Level	13	9	-	-	-	-	13	9
GCE 'A' Level	23	15	-	-	-	-	23	15
Pass Degree	53	42	45	27	4	1	102	70
Honours Degree	21	13	41	23	-	-	62	36
Masters Degree	63	43	75	39	13	9	151	91
Ph D	1	1	4	1	-	-	5	2
<b>Length of Service</b>								
0 - 4	-	-	1	-	-	-	1	-
5 - 9	1	-	1	-	1	-	3	-
10 - 14	12	2	19	5	-	-	31	7
15 - 19	26	18	29	15	2	1	57	34
20 - 24	34	23	37	22	3	2	74	47
25 - 29	49	41	40	27	6	3	95	71
30 & Above	52	39	38	21	5	4	95	64
<b>Age</b>								
24 & Below	-	-	-	-	-	-	-	-
25 - 29	-	-	-	-	-	-	-	-
30 - 34	-	-	-	-	-	-	-	-
35 - 39	12	5	20	6	-	-	32	11
40 - 44	29	18	31	19	2	1	62	38
45 - 49	46	33	45	27	3	2	94	62
50 - 54	40	33	32	21	8	5	80	59
55 & Above	47	34	37	17	4	2	88	53

## 13 STATISTICS<sup>1</sup> ON PRIVATE EDUCATION ORGANISATIONS, 2008

Type of Institution	Number of Institutions	Enrolment					
		Full-Time		Part-Time		Total	
		Total	Female	Total	Female	Total	Female
<b>Total</b>	<b>1220</b>	<b>175124</b>	<b>86662</b>	<b>363876</b>	<b>103344</b>	<b>539000</b>	<b>190006</b>
Commercial School <sup>2</sup>	664	53089	27009	363111	102925	416200	129934
Foreign System School	33	32492	15927	765	419	33257	16346
Islamic Religious School	6	4207	2705	-	-	4207	2705
Private Kindergarten	492	78438	38488	-	-	78438	38488
Private Regular School	2	902	415	-	-	902	415
Privately Funded School	3	1377	523	-	-	1377	523
Special Education School	20	4619	1595	-	-	4619	1595

Type of Institution	Number of Institutions	Teaching Staff					
		Full-Time		Part-Time		Total	
		Total	Female	Total	Female	Total	Female
<b>Total</b>	<b>1220</b>	<b>9645</b>	<b>7632</b>	<b>6401</b>	<b>3711</b>	<b>16046</b>	<b>11343</b>
Commercial School <sup>2</sup>	664	2588	1584	5914	3282	8502	4866
Foreign System School	33	2388	1648	441	395	2829	2043
Islamic Religious School	6	228	159	1	1	229	160
Private Kindergarten	492	3513	3500	-	-	3513	3500
Private Regular School	2	55	32	21	15	76	47
Privately Funded School	3	136	80	24	18	160	98
Special Education School	20	737	629	-	-	737	629

Note: 1) The figures include only private education organisations registered with the Ministry of Education.

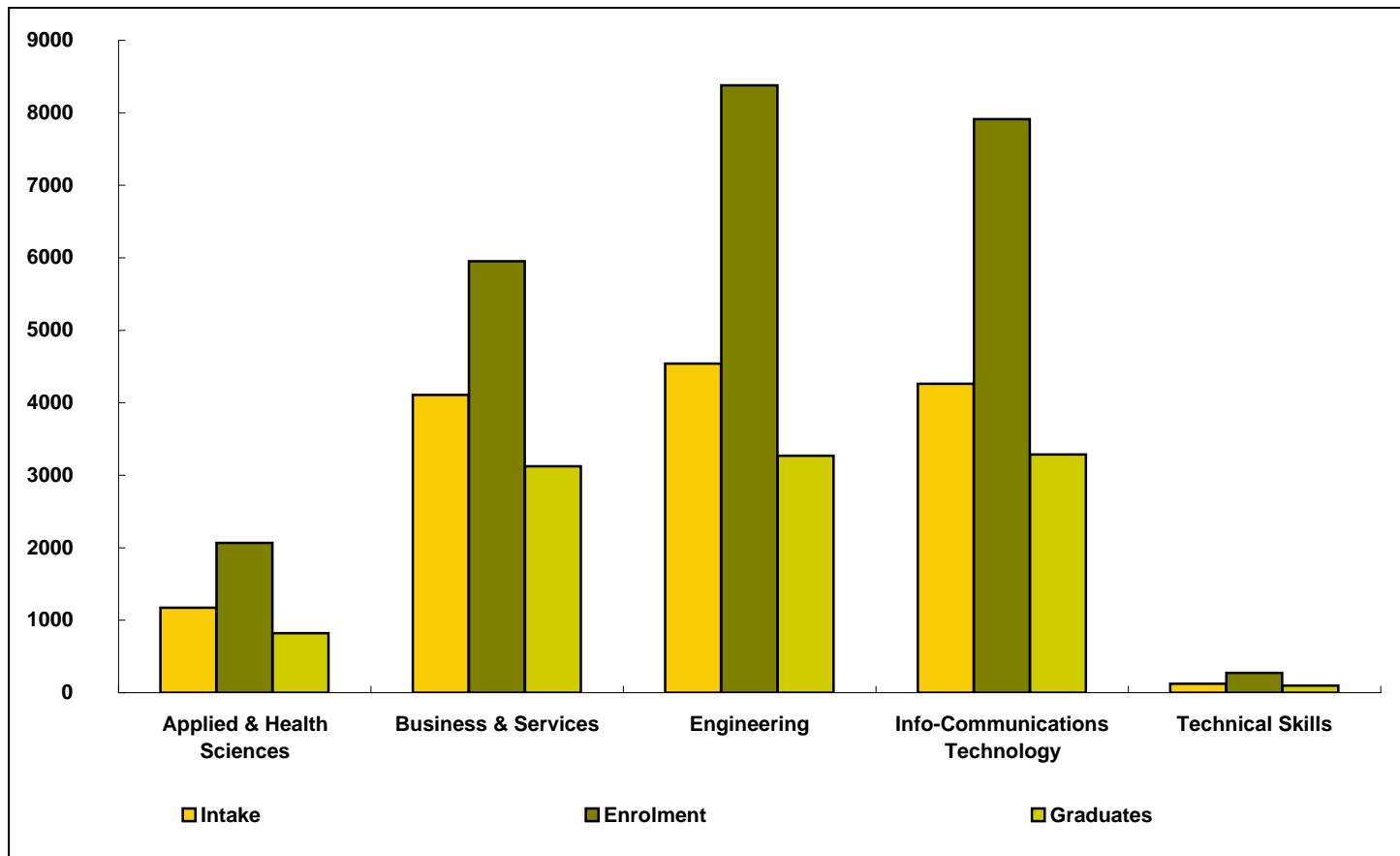
2) This category includes Commercial School, Computer Studies School, Correspondence School, Fine Arts School, Language School, Tutorial School, Enrichment School and Others. Figures are preliminary.

**ITE, LASALLE, NAFA, POLYTECHNIC AND  
UNIVERSITY EDUCATION, 2008**



**14 INTAKE, ENROLMENT AND GRADUATES OF ITE BY COURSE (FULL-TIME), 2008**

Courses	Intake		Enrolment		Graduates	
	Total	Female	Total	Female	Total	Female
<b>Total</b>	<b>14205</b>	<b>5318</b>	<b>24593</b>	<b>8479</b>	<b>10600</b>	<b>4059</b>
Applied and Health Sciences	1174	774	2069	1327	822	521
Business & Services	4107	2776	5955	3966	3125	2304
Engineering	4540	549	8381	899	3269	328
Info-Communications Technology	4261	1193	7912	2225	3285	881
Technical Skills	123	26	276	62	99	25

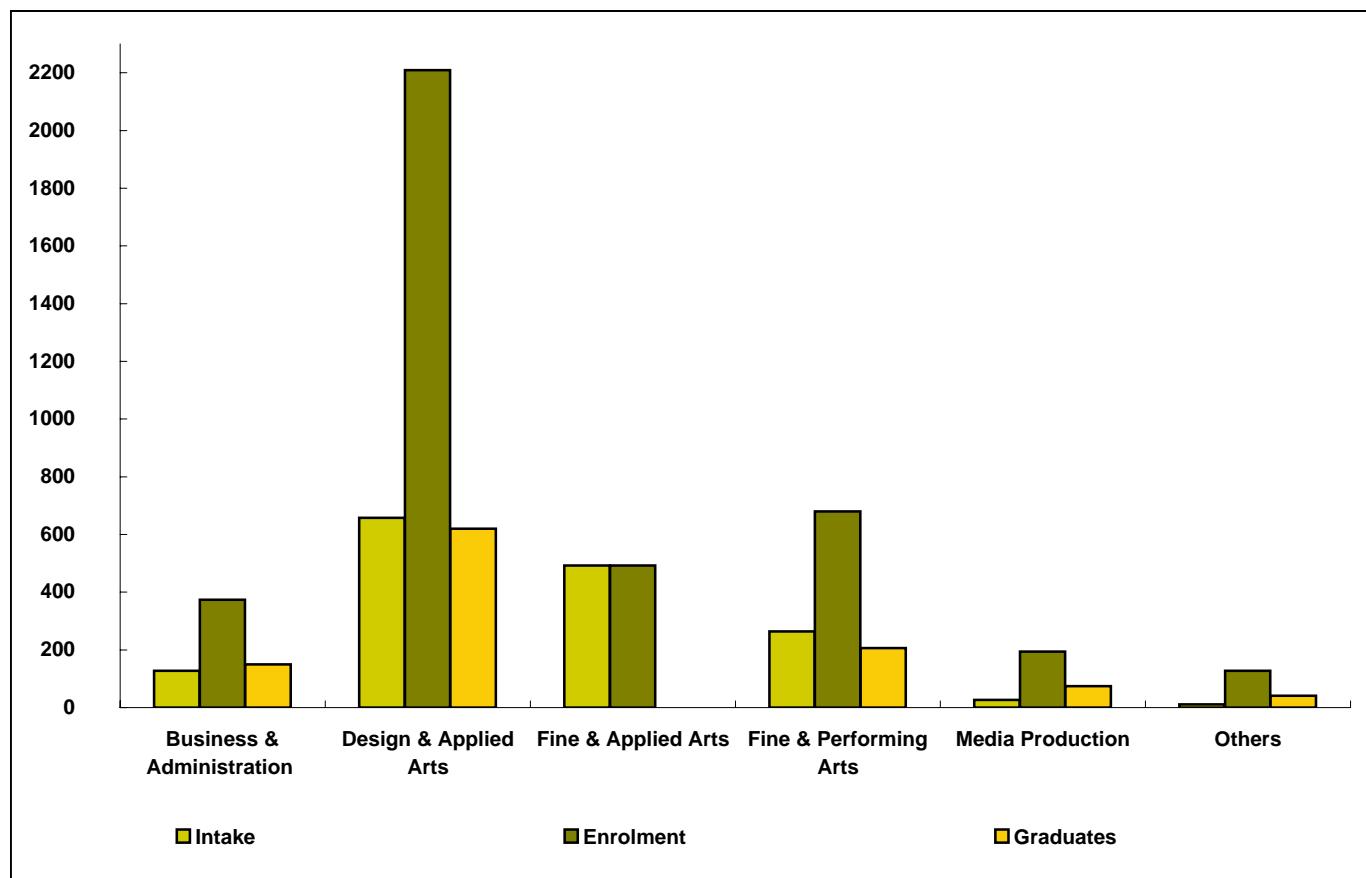


**15 INTAKE, ENROLMENT AND GRADUATES OF LASALLE AND NAFA BY COURSE (FULL-TIME),  
2008**

Courses	Intake		Enrolment		Graduates	
	Total	Female	Total	Female	Total	Female
<b>Total</b>	<b>1580</b>	<b>1038</b>	<b>4077</b>	<b>2677</b>	<b>1091</b>	<b>705</b>
<b>Business &amp; Administration</b>	128	103	374	307	150	129
<b>Design &amp; Applied Arts</b>	658	438	2209	1428	620	369
<b>Fine &amp; Applied Arts</b>	492	318	492	319	-	-
<b>Fine &amp; Performing Arts</b>	264	164	680	448	206	151
<b>Media Production</b>	27	7	194	83	74	27
<b>Others</b>	11	8	128	92	41	29

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.

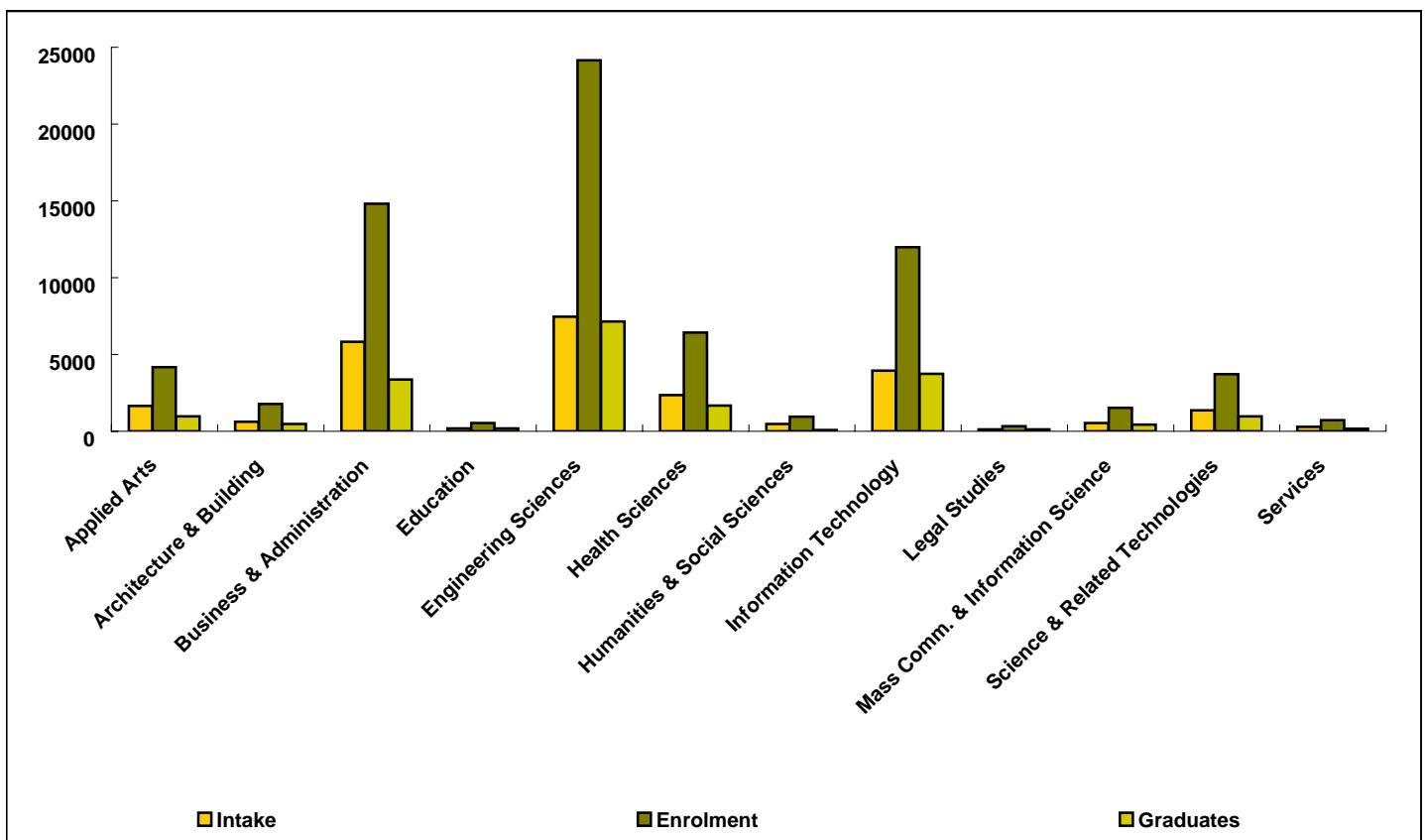


## 16 INTAKE, ENROLMENT AND GRADUATES OF POLYTECHNICS BY COURSE (FULL-TIME), 2008

Courses	Intake		Enrolment		Graduates	
	Total	Female	Total	Female	Total	Female
<b>Total</b>	<b>24838</b>	<b>11953</b>	<b>71137</b>	<b>33529</b>	<b>19317</b>	<b>9496</b>
<b>Applied Arts</b>	1646	918	4176	2355	963	582
<b>Architecture &amp; Building</b>	623	327	1774	982	465	292
<b>Business &amp; Administration</b>	5827	3524	14812	9221	3376	2315
<b>Education</b>	194	188	547	529	184	175
<b>Engineering Sciences</b>	7452	1809	24156	6039	7157	1996
<b>Health Sciences</b>	2363	1788	6423	5002	1675	1327
<b>Humanities &amp; Social Sciences</b>	479	306	953	603	75	67
<b>Information Technology</b>	3943	1707	11987	5057	3730	1716
<b>Legal Studies</b>	128	66	334	204	121	78
<b>Mass Communication &amp; Information Science</b>	542	378	1539	1036	435	318
<b>Science &amp; Related Technologies</b>	1354	833	3711	2207	978	568
<b>Services</b>	287	109	725	294	158	62

Note: 1) Intake, Enrolment and Graduate figures refer to diploma courses only.

2) Intake includes direct entry to second year.

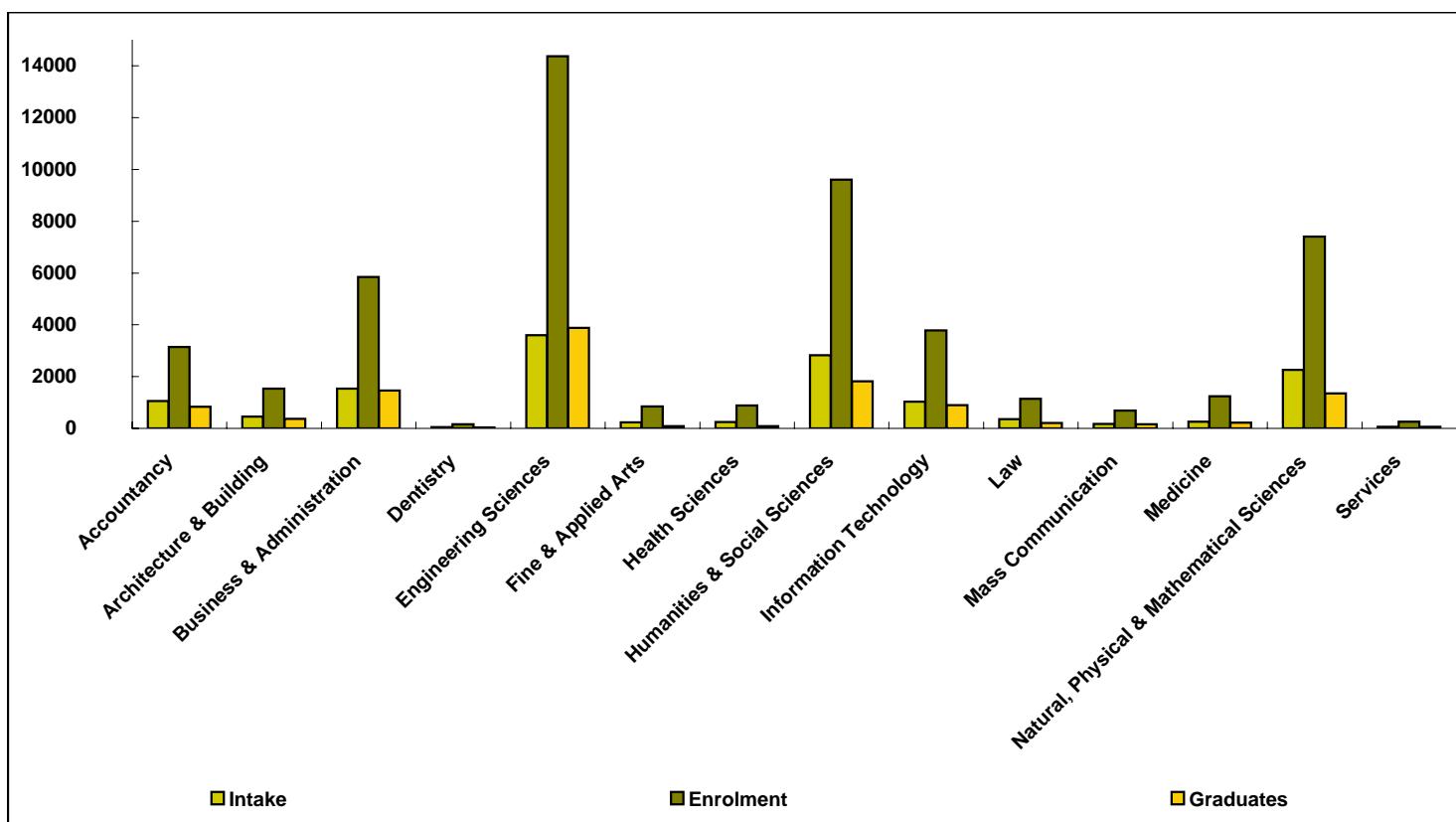


## 17 INTAKE, ENROLMENT AND GRADUATES OF UNIVERSITIES BY COURSE (FULL-TIME), 2008

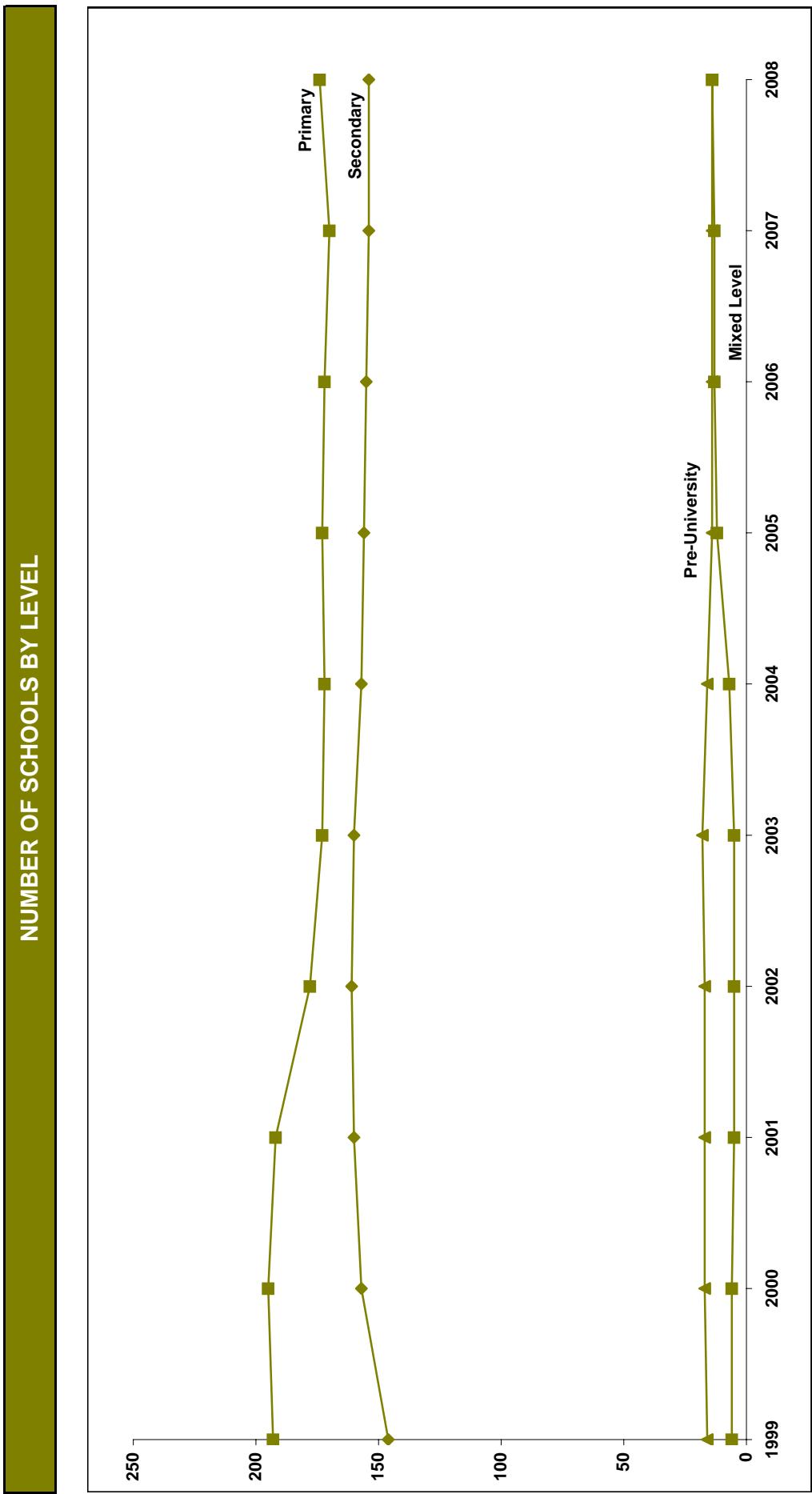
Courses	Intake		Enrolment		Graduates	
	Total	Female	Total	Female	Total	Female
<b>Total</b>	<b>14135</b>	<b>7380</b>	<b>50904</b>	<b>26065</b>	<b>11472</b>	<b>5954</b>
<b>Accountancy</b>	1055	638	3139	1910	831	536
<b>Architecture &amp; Building</b>	452	272	1530	952	368	232
<b>Business &amp; Administration</b>	1536	943	5848	3423	1462	959
<b>Dentistry</b>	44	21	163	93	35	17
<b>Engineering Sciences</b>	3598	1064	14368	4102	3887	1254
<b>Fine &amp; Applied Arts</b>	236	129	845	503	81	50
<b>Health Sciences</b>	247	185	888	712	87	77
<b>Humanities &amp; Social Sciences</b>	2823	1971	9609	6783	1817	1312
<b>Information Technology</b>	1033	307	3781	1021	900	275
<b>Law</b>	356	221	1143	649	209	115
<b>Mass Communication</b>	169	133	688	543	164	132
<b>Medicine</b>	260	127	1236	566	227	96
<b>Natural, Physical &amp; Mathematical Sciences</b>	2261	1333	7413	4651	1347	856
<b>Services</b>	65	36	253	157	57	43

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

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



## **STATISTICAL SERIES**

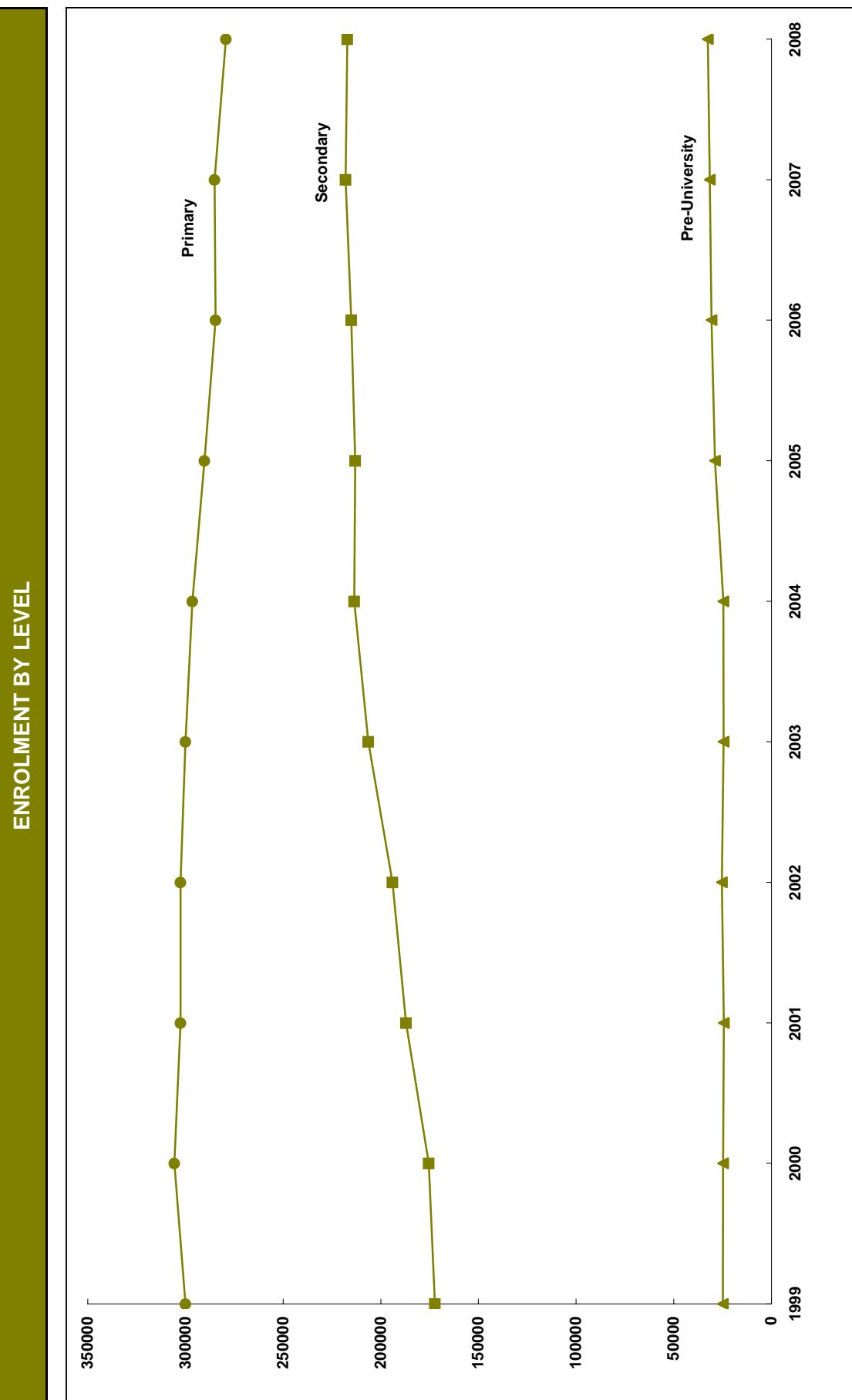


## 18 NUMBER OF SCHOOLS BY LEVEL AND TYPE

Year	Primary			Secondary			Mixed Level <sup>1</sup>			Pre-University			Grand Total		
	Govt	Aided	Total	Govt	Aided	Indep	Spec'd	Spec'Indep	Total	Govt	Aided	Indep	Centralised Institute <sup>3</sup>	Total <sup>4</sup>	
1960	165	248	413	27	21	-	-	-	48	1	31	-	-	32	493
1970	198	190	388	68	17	-	-	-	85	-	30	-	-	-	504
1980	199	114	313	84	23	-	-	-	107	-	23	-	-	-	450
1990	157	43	200	102	27	4	-	-	133	-	7	2	-	9	360
1999	153	40	193	112	28	6	-	-	146	-	4	2	-	6	361
2000	155	40	195	123	28	6	-	-	157	-	4	2	-	6	375
2001	151	41	192	126	28	6	-	-	160	-	3	2	-	5	374
2002	137	41	178	127	28	6	-	-	161	-	3	2	-	5	361
2003	132	41	173	126	28	6	-	-	160	-	3	2	-	5	356
2004	131	41	172	123	28	5	1	-	157	1	3	3	-	7	352
2005	132	41	173	123	28	4	1	-	156	4	3	4	1	12	355
2006	131	41	172	122	28	4	1	-	155	5	3	4	1	8	354
2007	129	41	170	120	28	4	1	1	154	5	3	4	1	13	351
2008	133	41	174	120	28	4	1	1	154	5	3	4	2	14	356

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".



## 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	
	F	61636	63430	125066	8484	11607	-	-	20091	330	1442	-	1772	146929	
1970	MF	233692	129150	362842	97997	35408	-	-	133405	5877	3991	-	9868	506115	
	F	108947	60472	169419	46472	18830	-	-	65302	2664	1627	-	4291	239012	
1980	MF	214187	77323	291510	115185	40348	-	-	155533	9826	6446	-	16272	463315	
	F	101232	37971	139203	57734	21034	-	-	78768	5799	3819	-	9618	227589	
1990	MF	195994	61763	257757	116693	35589	-	8260	160542	21107	8107	-	29214	447513	
	F	91747	30437	122184	56741	20036	-	1654	78431	12110	4268	-	16378	216933	
1999	MF	217775	82184	299959	107463	28121	24836	11839	172259	16151	8683	-	24834	497052	
	F	103839	40680	144519	49196	13804	13949	5115	82064	9030	4564	-	13594	240177	
2000	MF	223272	82433	305705	110154	27902	25262	12087	175405	16452	8352	-	24804	503914	
	F	106443	40964	147407	50805	13659	14075	5315	83854	9141	4365	-	13506	244767	
2001	MF	220730	81836	302566	117637	28299	28739	12406	187081	16432	7944	-	24376	514023	
	F	105449	40509	145958	54644	13984	15754	5511	89893	9030	4140	-	13170	249021	
2002	MF	220777	81724	302501	123681	25977	31747	12597	194002	17186	8190	-	25376	521879	
	F	105544	40482	146026	57474	11579	18594	5632	93279	9451	4289	-	13740	253045	
2003	MF	219378	80561	299939	133363	26582	33709	12772	206426	16821	7738	-	24559	530924	
	F	104741	39965	144706	62049	11347	20293	5679	99368	9151	4055	-	13206	257280	
2004	MF	216261	80158	296419	138591	26336	35513	13094	213534	17040	5929	-	1712	46681	
	F	103011	39925	142936	64585	11416	21378	5757	103136	9110	3143	-	917	13170	
2005	MF	210836	79425	290261	136118	26875	36677	13393	213063	18160	6883	-	3858	28901	
	F	100211	39716	139927	63470	11587	21938	5820	102815	9872	3706	-	1964	15542	
2006	MF	206123	78477	284600	136047	27240	38953	13757	215097	18933	7067	-	4726	30726	
	F	97689	39273	136962	63348	11762	22915	5941	103966	10428	3794	-	2312	16534	
2007	MF	206678	78370	285048	137626	27471	38270	14695	218062	19095	6949	128	5455	31627	
	F	97710	39299	137009	64094	11765	23005	6270	105134	10608	3888	93	2557	17146	
	Govt	Aided	Total	Govt	Aided	Indep	Spec	Spec'd	Total	Govt	Aided	Indep	Spec	Total	
	Govt	Aided	Total	Govt	Aided	Indep	Spec	Spec'd	Total	Govt	Aided	Indep	Spec	Total	
2008	MF	202547	76725	279272	158328	43490	13225	1367	671	217081	19845	6947	5611	176	32579
	F	95753	38643	134406	76170	21856	5796	631	212	104665	11162	3864	2639	84	528932

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
								<b>EM1</b>	<b>EM2</b>	<b>EM3</b>	<b>EM1</b>	<b>EM2</b>	<b>EM3</b>	
1999	MF	49832	49941	52146	48753	-	-	10067	39235	4531	7517	29926	8011	299959
	F	24134	24200	25164	23415	-	-	5506	18748	1703	4240	14275	3134	144519
2000	MF	50204	49844	50019	52116	-	-	10238	34369	4142	9239	36959	8575	305705
	F	24215	24144	24254	25156	-	-	5639	16238	1558	5170	17757	3276	147407
2001	MF	49774	50248	49925	50097	-	-	11252	37848	3078	8939	34705	6700	302566
	F	24072	24276	24187	24309	-	-	6236	17867	1072	5083	16464	2392	145958
2002	MF	49006	49799	50383	49982	-	-	10398	36459	3310	9591	37821	5752	302501
	F	23567	24070	24389	24189	-	-	5936	17201	1204	5519	18014	1937	146026
2003	MF	49044	49027	49933	50452	-	-	10798	36134	3179	8888	36330	6154	299939
	F	23557	23575	24140	24393	-	-	6228	16932	1121	5226	17333	2201	144706
								<b>Merged stream<sup>3</sup></b>	<b>EM3</b>	<b>Merged stream<sup>3</sup></b>	<b>EM3</b>	<b>Merged stream<sup>3</sup></b>	<b>EM3</b>	
2004	MF	47256	48905	49035	49929	-	-	47210	3189	45402	5493	296419		
	F	22778	23514	23579	24160	-	-	23259	1140	22596	1910	142936		
2005	MF	43492	47348	49070	49217	-	-	46525	3485	45667	5457	290261		
	F	21009	22848	23604	23646	-	-	22950	1250	22711	1909	139927		
2006	MF	43914	43652	47697	49368	-	-	46198	3116	45100	5555	284600		
	F	21016	21080	23017	23751	-	-	22579	1112	22433	1974	136962		
2007	MF	47964	44370	44502	48345	-	-	46618	3166	44834	5249	285048		
	F	23018	21250	21492	23326	-	-	22866	1072	22140	1845	137009		
2008	MF	42880	47994	45019	44926	-	-	48307	-	44756	5390	279272		
	F	20678	23022	21597	21716	-	-	23307	-	22193	1893	134406		

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 Monilingual 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	Normal (Acad)	Normal (Tech)
1960	MF	-	20842	-	-	20842	-	13048	-	9333
	F	-	8040	-	-	8040	-	5597	-	3710
1970	MF	-	38200	-	-	38200	-	36970	-	30485
	F	-	18886	-	-	18886	-	17701	-	15071
1980	MF	1511	45489	-	-	47000	1737	39068	-	34803
	F	800	22509	-	-	23309	978	19765	-	17860
1990	MF	2354	20113	13292	-	35759	2278	22336	13167	36354
	F	1133	10027	6279	-	17439	1134	11114	6093	17779
1999	MF	3748	19947	8899	6277	38871	4150	21839	10167	6255
	F	1987	9989	4103	2566	18645	2139	11062	4681	2511
2000	MF	4182	22585	9855	7795	44417	3766	19939	9472	5808
	F	2239	11301	4687	3160	21387	1997	10126	4270	2359
2001	MF	5175	27633	11983	8279	53070	4149	22569	10590	7174
	F	2723	14122	5570	3211	25626	2249	11385	4961	2860
2002	MF	4469	26354	10992	7466	49281	5071	27628	12729	7783
	F	2362	13249	5173	2823	23607	2681	14262	5812	2980
2003	MF	4565	28286	12534	6599	51984	4408	26029	11747	7151
	F	2473	14450	5814	2311	25048	2372	13223	5447	2661
2004	MF	4696	26856	11596	7310	50458	4541	28001	13257	6325
	F	2699	13695	5269	2801	24464	2491	14486	6008	2195
2005	MF	4379	26514	12468	6869	50230	4745	26768	12357	6986
	F	2479	13500	5836	2494	24309	2749	13754	5554	2637
2006	MF	4262	26973	12419	7118	50772	4316	26747	13191	6553
	F	2324	13850	5746	2619	24539	2475	13707	6043	2365
2007	MF	4238	27396	11981	7072	50687	4277	27473	13282	6994
	F	2380	13892	5640	2593	24505	2346	14201	6059	2530
2008	MF	-	30873	12811	6530	50214	4156	27781	12879	7014
	F	-	15958	5956	2210	24124	2349	14251	5976	2518

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

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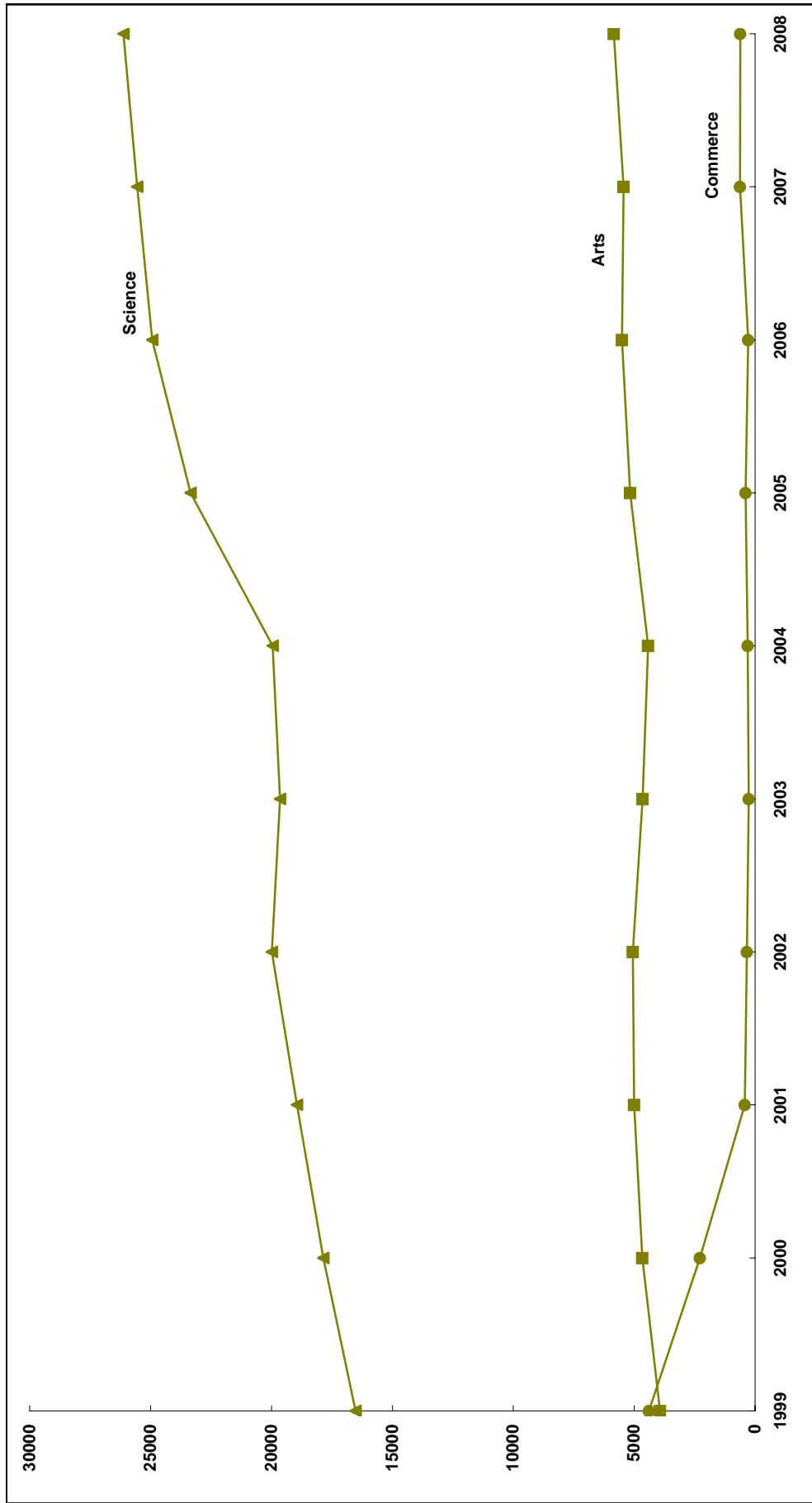
## 21.2 SECONDARY ENROLMENT BY LEVEL AND COURSE

Year	Sex	Secondary 4			Sec 5			Total			Grand Total
		Special	Express	Normal (Acad)	Total	Normal (Acad)	Special	Express (Acad)	Normal (Tech)	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	-	-	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
1999	MF	3659	21276	9580	5328	39843	8228	15859	85208	47329	23863
	F	2117	10719	4213	2127	19176	3657	8538	42856	21238	9432
2000	MF	4100	21299	10058	5654	41111	7406	16377	86396	47400	25232
	F	2239	10797	4457	2110	19603	3373	8737	43577	21525	10015
2001	MF	4011	21744	10258	5565	41578	7888	17252	92346	50838	26645
	F	2199	11018	4611	2218	20046	3685	9265	46830	23236	10562
2002	MF	3614	19308	9624	5303	37849	8132	17383	96446	52719	27454
	F	2015	9849	4253	2152	18269	3862	9358	49014	24209	10698
2003	MF	3955	22140	10610	6502	43207	7292	18065	104780	55755	27826
	F	2241	11232	4890	2591	20954	3411	9855	53483	25562	10468
2004	MF	4688	27285	12636	7239	51848	8094	18563	108680	58524	27767
	F	2613	14170	5665	2760	25208	3942	10315	55843	26663	10315
2005	MF	4370	25542	12014	6536	48462	9605	18489	107317	60773	26484
	F	2433	13031	5412	2433	23309	4535	10394	55064	27696	9661
2006	MF	4764	27503	13377	5819	51463	9028	18497	108764	61572	26264
	F	2670	14358	5992	1998	25018	4289	10403	56036	28026	9501
2007	MF	4894	26771	13072	6788	51525	10164	18227	109496	62835	27454
	F	2821	13840	5819	2503	24983	4781	10245	56214	28685	9990
2008	MF	4629	26648	13333	6309	50919	9561	13536	113758	63065	26722
	F	2647	13795	5994	2239	24675	4604	7570	58747	28903	9445

## 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	
1960	MF	-	-	-	-	-	-	-	2809	2319	-	5128
	F	454	564	1018	497	-	-	-	934	838	-	1772
1970	MF	221	276	5239	10908	-	-	-	4735	4115	-	8850
	F	5669	5239	10908	6322	-	-	-	2091	1703	-	3794
1980	MF	3253	3069	11048	22095	1509	1067	626	2911	2453	-	5364
	F	11047	11048	22095	11625	1052	752	427	1797	1499	-	3296
1990	MF	5823	5802	11368	23741	479	366	248	1023	1260	1634	3917
	F	6764	6148	11368	12912	291	245	146	668	805	1049	2522
1999	MF	12373	11903	23700	394	421	289	1104	-	-	-	24834
	F	11797	11903	23700	12806	257	251	192	700	-	-	13594
2000	MF	6286	6520	11196	23344	339	322	371	1032	-	-	24804
	F	12148	11413	24456	12516	217	221	216	654	-	-	13506
2001	MF	6503	6013	11413	24456	361	279	280	920	-	-	24376
	F	13043	7004	6127	13131	235	186	188	609	-	-	13170
2002	MF	7004	6127	12169	23708	339	289	223	851	-	-	25376
	F	6557	6557	12169	12678	202	177	149	528	-	-	13740
2003	MF	11539	10721	23712	444	279	246	969	-	-	-	24559
	F	6121	10721	23712	12566	289	161	154	604	-	-	13206
2004	MF	12991	10721	23712	444	279	246	969	-	-	-	24681
	F	6893	5673	12566	12678	202	177	149	528	-	-	13170
2005	MF	15616	12124	27740	557	375	229	1161	-	-	-	28901
	F	8350	6434	14821	29454	511	437	324	1272	-	-	15542
2006	MF	14633	14821	29454	15705	323	290	216	829	-	-	30726
	F	7760	7945	15705	16167	450	416	391	1528	-	-	16534
2007	MF	16435	13664	30099	7304	450	264	265	979	-	-	31627
	F	8863	14864	31012	14864	451	559	320	1567	-	-	17146
2008	MF	16148	8712	8023	16735	451	356	207	1014	-	-	32579
	F									-	-	17749

## PRE-UNIVERSITY ENROLMENT BY COURSE

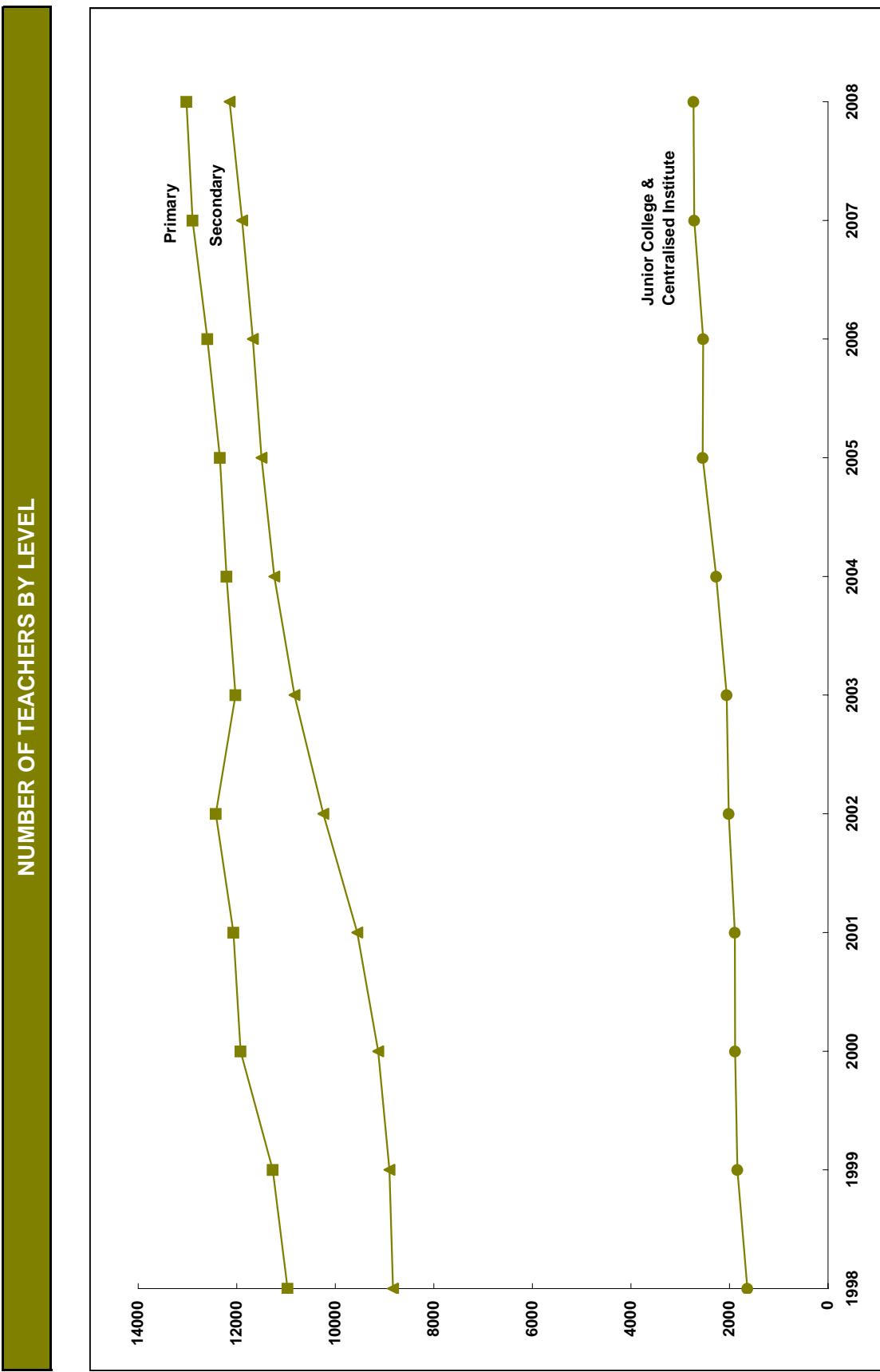


### 23 PRE-UNIVERSITY ENROLMENT BY COURSE AND LEVEL

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	2433	2155	-	-	9868
	F	x	x	1471	1285	-	x	720	632	-	-	4291
1980	MF	1158	1167	754	1038	-	3301	3220	773	732	-	16272
	F	903	889	521	695	-	1355	1456	270	308	-	9618
1990	MF	1992	2056	351	416	575	6370	6593	280	204	118	29214
	F	1408	1489	253	269	367	2464	2504	85	80	48	16378
1999	MF	1988	1645	170	84	41	8547	7750	110	60	53	14834
	F	1433	1213	114	58	32	4064	3600	48	28	20	13594
2000	MF	2442	1904	138	103	81	9355	8262	91	97	47	24804
	F	1757	1392	87	69	55	4529	3928	50	38	19	13506
2001	MF	2365	2283	132	115	108	9783	8913	97	75	81	24376
	F	1673	1666	87	74	72	4830	4347	54	46	29	13170
2002	MF	2512	2215	136	104	87	10531	9198	99	83	69	25376
	F	1740	1570	96	73	55	5264	4557	52	49	41	13740
2003	MF	2015	2314	124	122	75	9524	9855	125	75	70	24559
	F	1337	1627	71	83	51	4784	4930	72	36	43	13206
2004	MF	2220	1885	145	87	81	10771	8836	176	103	66	24681
	F	1504	1249	101	48	51	5389	4424	104	58	36	13170
2005	MF	2776	2058	142	96	92	12840	10066	216	148	77	28901
	F	1966	1404	102	66	53	6384	5030	128	92	41	15542
2006	MF	2452	2559	183	188	126	12181	12262	187	176	130	30726
	F	1653	1837	132	129	87	6107	6108	99	104	79	16534
2007	MF	2876	2195	196	87	89	13559	11469	247	140	145	31627
	F	1940	1500	132	71	66	6923	5804	143	71	88	17146
2008	MF	2840	2560	193	163	86	13308	12304	205	197	109	32579
	F	1893	1750	142	119	68	6819	6273	127	110	60	17749

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

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



## 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	
1960	MF	4283	4316	8599	979	1025	-	-	2004	-	-
	F	1944	2377	4321	248	426	-	-	674	-	-
1970	MF	8044	4172	12216	4847	1598	-	-	6445	x	-
	F	5485	2569	8054	2155	776	-	-	2931	x	-
1980	MF	7244	2837	10081	5605	2234	-	-	7839	x	-
	F	4834	1908	6742	3013	1304	-	-	4317	x	-
1990	MF	7848	2158	10006	5660	1533	-	393	7586	1038	502
	F	5560	1673	7233	3395	1047	-	269	4711	661	323
1999	MF	8223	3049	11272	5638	1541	971	750	8900	1222	616
	F	6420	2574	8994	3513	1066	697	526	5802	737	369
2000	MF	8659	3264	11923	5791	1559	1026	756	9132	1245	640
	F	6822	2767	9589	3650	1068	722	545	5985	730	376
2001	MF	8777	3288	12065	6002	1576	1211	763	9552	1261	629
	F	7024	2796	9820	3822	1059	829	555	6265	714	366
2002	MF	9082	3341	12423	6525	1516	1368	837	10246	1370	646
	F	7315	2860	10175	4193	992	965	602	6752	773	382
2003	MF	8757	3268	12025	6935	1368	1676	851	10830	1414	645
	F	7147	2804	9951	4517	902	1167	600	7186	798	382
2004	MF	8884	3325	12209	7123	1332	1860	925	11240	1602	535
	F	7292	2859	10151	4651	873	1326	636	7486	923	329
2005	MF	8959	3384	12343	7238	1376	1905	976	11495	1644	581
	F	7349	2894	10243	4744	892	1366	665	7667	947	344
2006	MF	9080	3517	12597	7220	1425	2042	985	11672	1593	586
	F	7446	2997	10443	4750	923	1461	653	7787	923	349
2007	MF	9284	3613	12897	7239	1473	2154	1026	11892	1665	576
	F	7589	3061	10650	4744	955	1504	672	7875	963	349
	Govt	Aided	Total	Govt	Aided	Indep	Spec	Spec'd	Total	Govt	Aided
2008	MF	9434	3589	13023	8586	2404	1009	105	39	12143	1658
	F	7694	3011	10705	5628	1641	673	58	15	8015	962

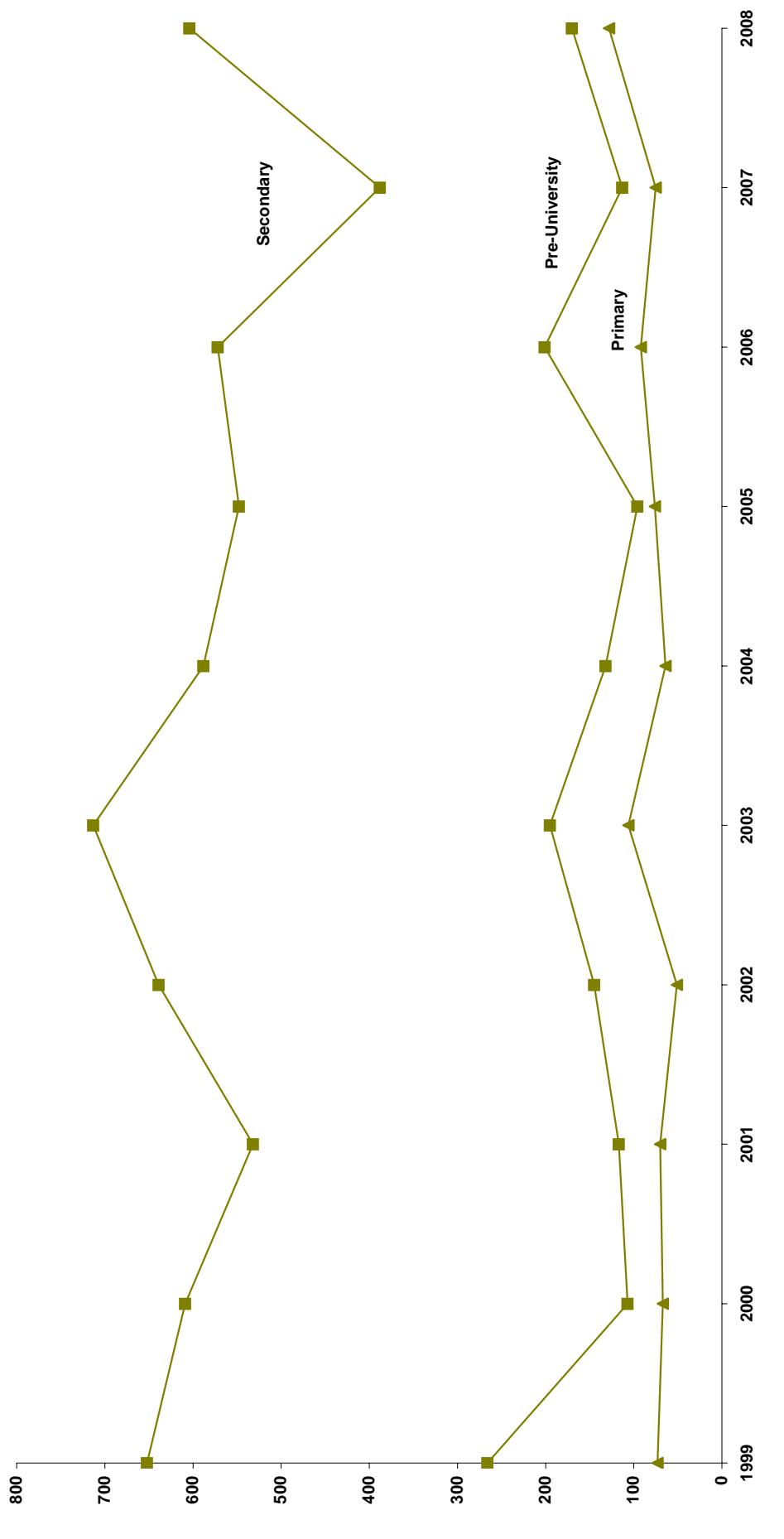
Note:

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.

### ENROLMENT IN PRIVATE REGULAR SCHOOLS BY LEVEL

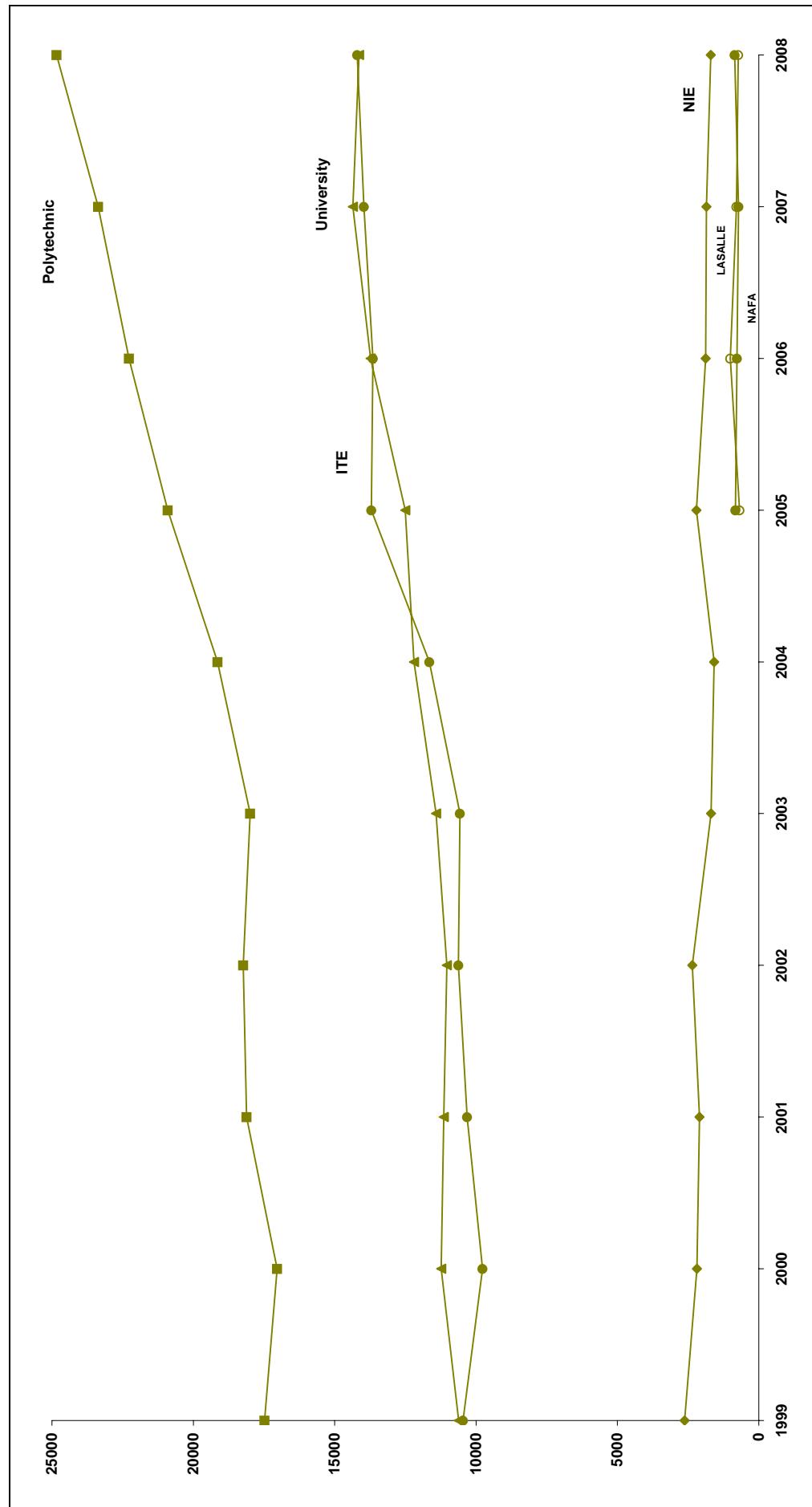


### 25 ENROLMENT IN PRIVATE REGULAR SCHOOLS BY LEVEL

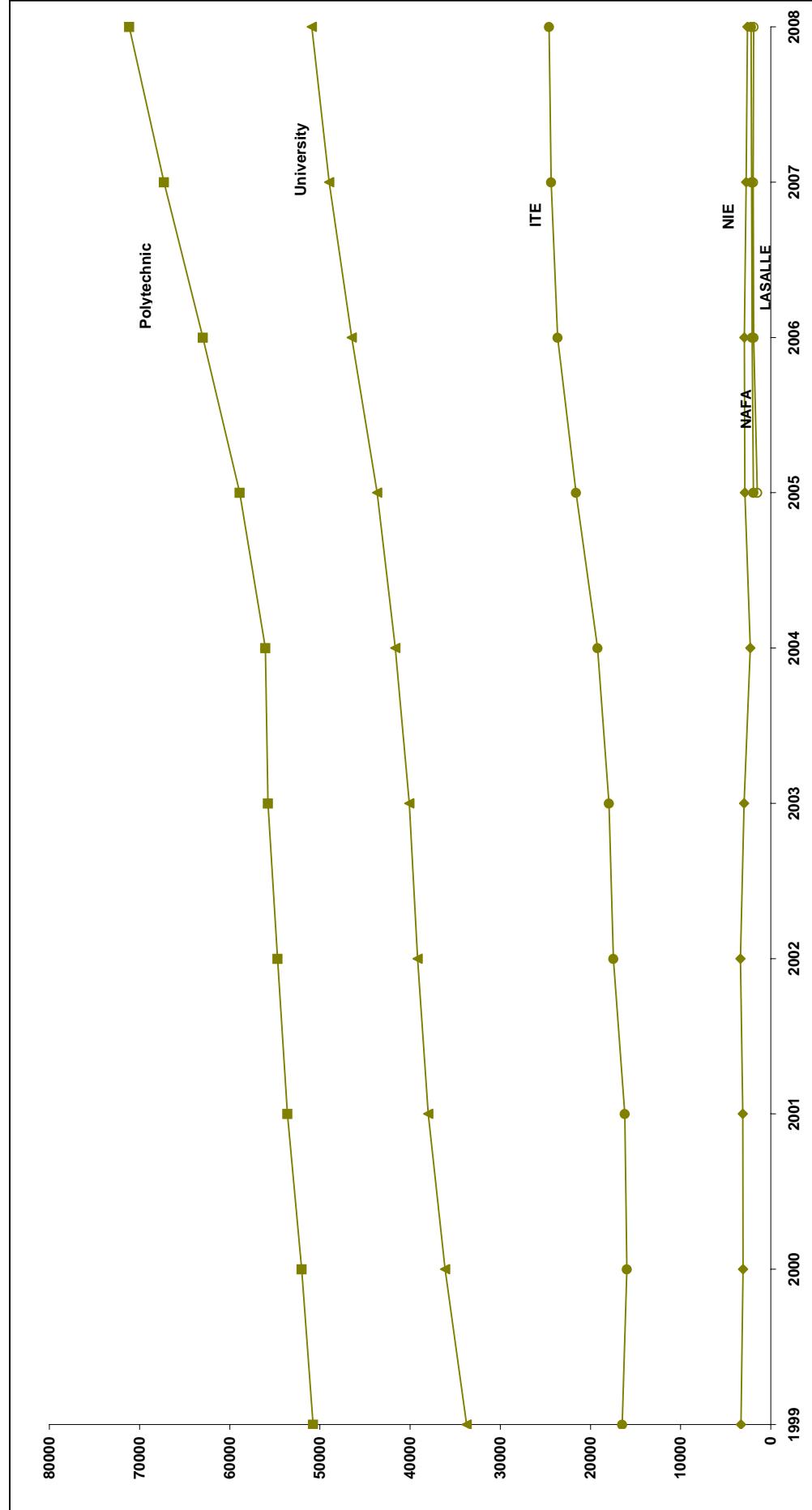
Year	Sex	Pri 1	Pri 2	Pri 3	Pri 4	Pri 5	Pri 6	Total	Sec 1	Sec 2	Sec 3	Sec 4	Total	PU1	PU2	PU3	Total	Grand Total
1960	MF	787	654	653	567	488	643	3792	1003	1216	860	295	3374	-	-	-	7166	2589
	F	327	268	228	185	188	291	1487	324	441	257	80	1102	-	-	-	2726	1371
1970	MF	68	75	93	134	156	150	676	361	564	441	356	1722	211	117	-	328	178
	F	29	32	34	63	57	59	274	156	319	242	202	919	106	72	-	930	2100
1980	MF	14	16	21	23	16	122	212	234	222	275	227	958	581	349	-	640	1170
	F	7	7	10	7	6	36	73	101	93	134	129	457	380	260	-	113	271
1990	MF	15	17	19	25	15	84	175	183	114	132	58	487	640	457	119	1216	1878
	F	5	5	10	9	9	43	85	102	58	68	28	256	444	270	119	833	1174
1999	MF	8	11	10	6	6	14	24	73	91	84	145	332	652	101	165	-	266
	F	2	6	6	3	5	5	9	31	31	30	77	160	298	58	83	-	141
2000	MF	5	9	11	9	12	12	21	67	95	112	164	238	609	48	59	-	107
	F	1	6	7	5	6	6	10	35	35	46	66	113	260	23	28	-	51
2001	MF	10	4	9	14	7	26	70	45	70	170	247	532	50	67	-	117	
	F	4	2	6	8	5	8	33	18	36	70	124	248	28	30	-	58	
2002	MF	2	11	5	15	13	5	51	82	97	147	313	639	73	72	-	145	
	F	1	5	2	6	6	4	24	44	43	65	151	303	41	36	-	77	
2003	MF	2	6	9	7	11	71	106	124	176	195	218	713	85	110	-	195	
	F	2	0	4	3	7	30	46	54	90	87	106	337	43	49	-	92	
2004	MF	1	5	8	11	8	31	64	96	123	176	193	588	61	71	-	132	
	F	1	4	1	4	5	16	31	35	57	92	80	264	27	32	-	59	
2005	MF	2	1	9	14	10	40	76	72	113	199	164	548	47	49	-	96	
	F	0	0	6	4	6	19	35	28	42	83	82	235	22	15	-	37	
2006	MF	4	6	12	22	11	37	92	86	113	215	158	572	112	89	-	201	
	F	1	1	5	14	6	19	46	37	49	81	78	245	47	34	-	81	
2007	MF	4	6	7	9	18	31	75	55	82	113	138	388	32	81	-	113	
	F	3	2	1	4	12	14	36	28	39	58	60	185	10	40	-	50	
2008	MF	10	13	10	23	14	58	128	114	131	220	139	604	90	80	-	170	
	F	3	5	4	9	5	29	55	49	68	96	67	280	43	37	-	80	

Note: 1) Data refers to Private Regular Schools registered with Ministry of Education.

**INTAKE: UNIVERSITIES, POLYTECHNIC, LASALLE, NAFA AND ITE  
(FULL-TIME)**



**ENROLMENT: UNIVERSITIES, POLYTECHNIC, LASALLE, NAFA AND ITE  
(FULL-TIME)**



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

Year	Sex	National University of Singapore	Universities <sup>1</sup>			Total	Polytechnics <sup>3</sup>			Total	LASALLE <sup>4</sup>	NAFA <sup>5</sup>	Institute of Technical Education <sup>6</sup>
			Nanyang University	Nanyang Technological University	Singapore Management University		National Institute of Education <sup>2</sup>	Singapore	Ngee Ann	Temasek	Nanyang	Republic	
1960	MF	1641	1861	-	-	3502	2327	2332	-	-	2332	-	-
	F	426	378	-	-	804	1202	55	-	-	55	-	-
1970	MF	4751	2310	-	-	7061	2001	2185	609	-	2794	-	4727
	F	1531	918	-	-	2449	1390	155	163	-	318	-	326
1980	MF	8634	-	-	-	8634	2328	5004	2831	-	7835	-	12543
	F	3926	-	-	-	3926	1977	1036	782	-	1818	-	2414
1990	MF	15193	-	6812	-	22005	1577	11348	11995	735	-	24078	-
	F	8107	-	2689	-	10796	1212	3878	4817	552	-	9247	-
1999	MF	19873	-	13849	-	-	33722	3299	13581	14433	12230	10514	-
	F	10814	-	5740	-	16554	2333	5352	6211	6300	5647	23510	-
2000	MF	21233	-	14583	305	36121	3072	13459	14378	12733	11463	52033	-
	F	11341	-	6223	212	17776	2247	5408	6419	6446	5989	24262	-
2001	MF	22172	-	15008	803	37983	3095	13754	14317	13143	12385	53599	-
	F	11781	-	6504	579	18864	2292	5521	6623	6501	6379	25024	-
2002	MF	22169	-	15598	1389	39156	3368	14271	13989	13324	13105	54689	-
	F	11653	-	6822	974	19449	2455	5670	6626	6579	6892	25767	-
2003	MF	22149	-	15764	2182	40095	2953	14371	13690	13117	13754	821	55753
	F	11036	-	6830	1469	19335	2080	5562	6534	6462	7456	377	26391
2004	MF	21781	-	16837	3010	41628	2282	13709	13417	12782	14233	1907	56048
	F	11372	-	7469	1991	20832	1550	5233	6347	6302	7875	865	26622
2005	MF	22105	-	17777	3781	43663	2881	13353	13715	13582	14643	3587	58880
	F	11326	-	8094	2239	21659	1940	5019	6500	6776	8010	1759	28064
2006	MF	22836	-	19114	4529	46479	2938	13656	14258	14568	15001	5479	62962
	F	11766	-	8797	2429	22992	1998	5084	6719	7236	7913	2790	29742
2007	MF	23578	-	20206	5178	48962	2725	14399	14687	15243	14874	8087	67290
	F	12396	-	9769	2758	24923	1878	5249	7007	7541	7732	4205	31734
2008	MF	24086	-	21097	5721	50904	2581	14986	15123	15615	15225	10188	71137
	F	12663	-	10409	2993	26065	1758	5605	7214	7587	7866	5257	33529

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.

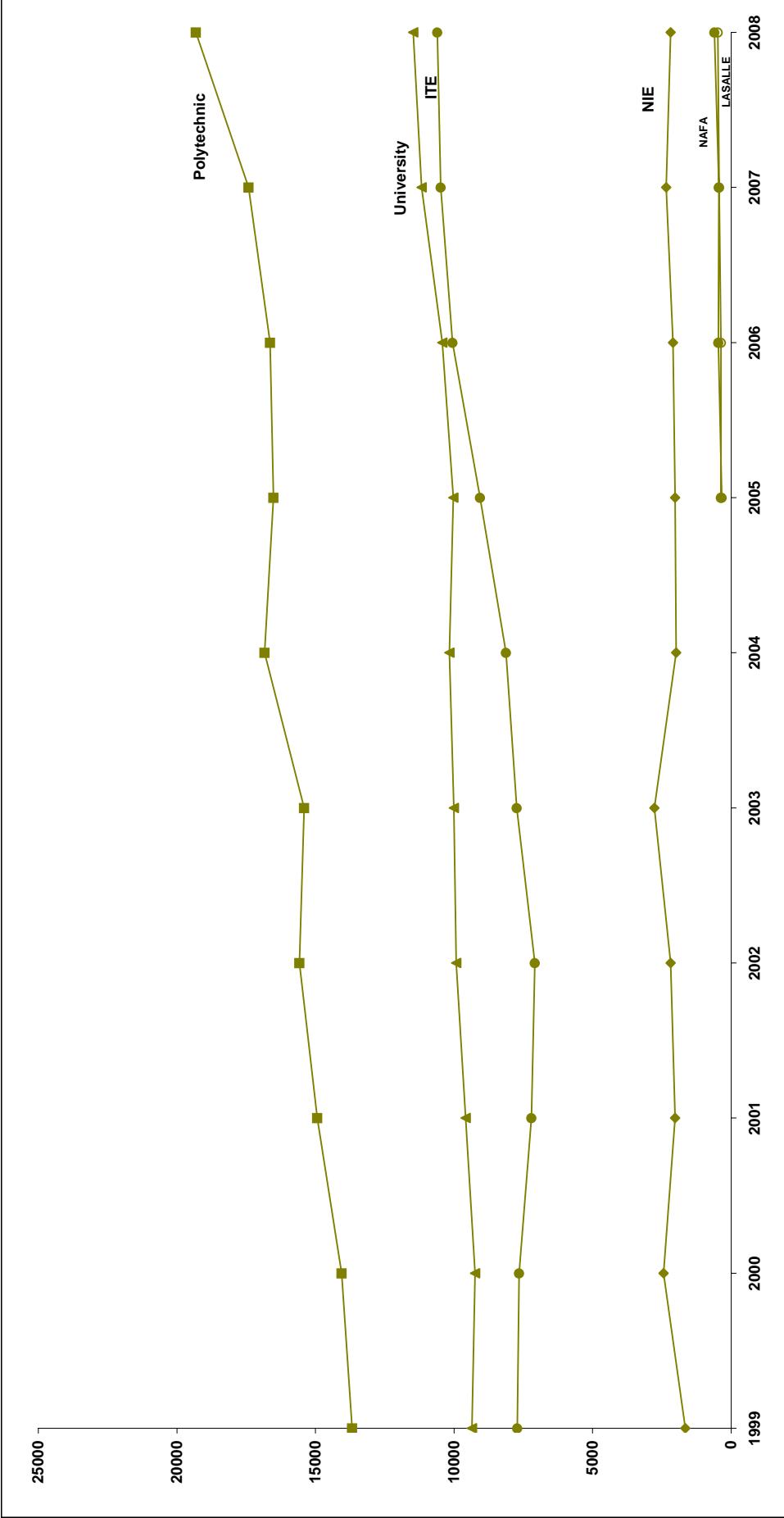
3) Figures for Polytechnics are for full-time diploma courses only.

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, POLYTECHNIC, LASALLE, NAFA AND ITE  
(FULL-TIME)**



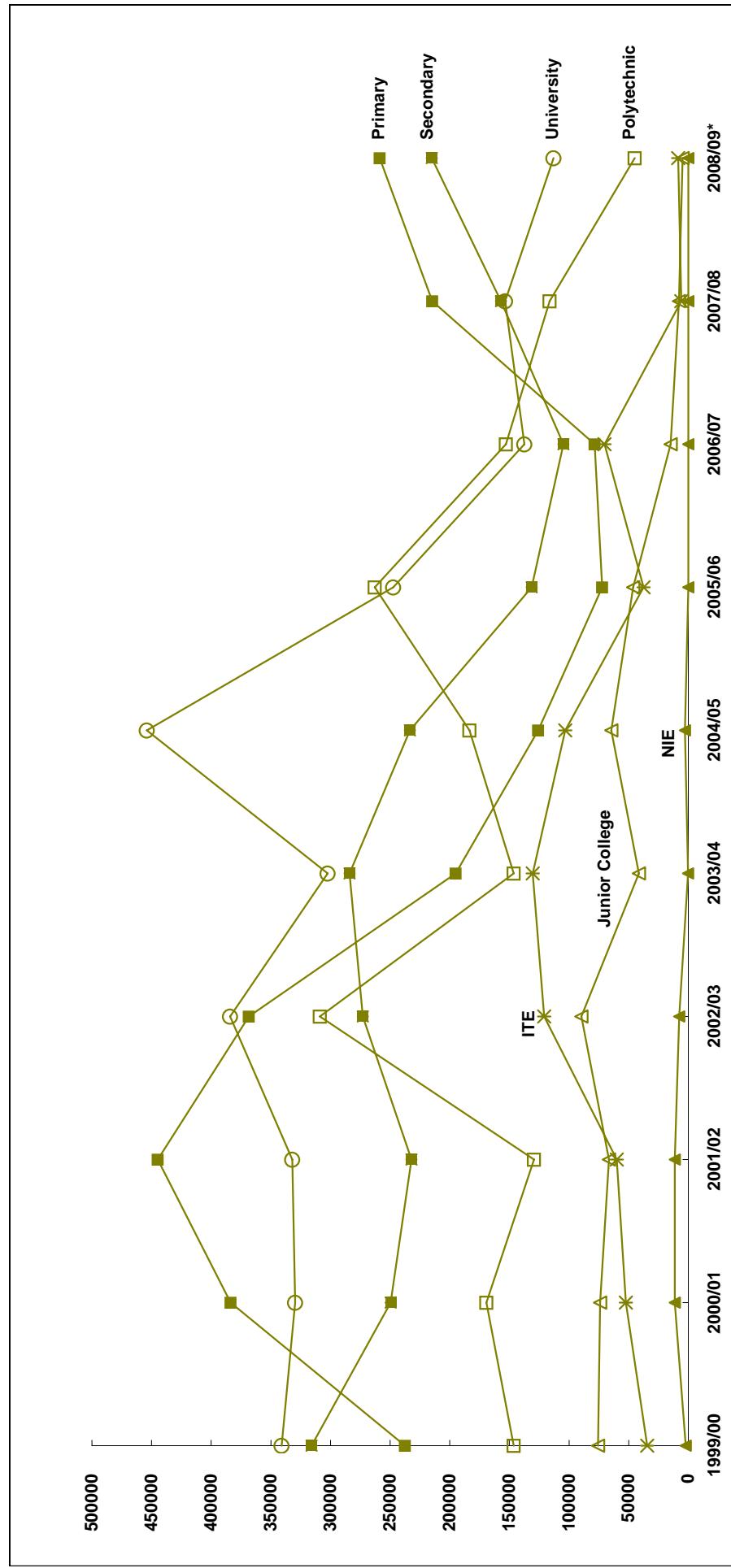
## 28 GRADUATES: UNIVERSITIES, POLYTECHNICS, LASALLE, NAFA AND ITE (FULL-TIME)

Year	Sex	National University of Singapore	Universities <sup>1</sup>			Total	Polytechnics <sup>3</sup>			Total	LASALLE <sup>4</sup>	NAFA <sup>5</sup>	Institute of Technical Education <sup>6</sup>
			Nanyang University	Nanyang Technological University	Singapore Management University		National Institute of Education <sup>2</sup>	Singapore	Ngee Ann	Temasek	Nanyang	Republic	
1960	MF	593	437	-	-	1030	734	-	-	-	-	-	-
1960	F	196	95	-	-	291	358	-	-	-	-	-	-
1970	MF	1220	556	-	-	1776	1202	436	*	-	436	-	1426
1970	F	378	168	-	-	546	820	7	-	-	7	-	134
1980	MF	2187	687	-	-	2874	616	1969	584	-	2553	-	7862
1980	F	1070	250	-	-	1320	504	378	136	-	514	-	1145
1990	MF	4001	-	1333	-	5334	929	3112	3087	-	6199	-	7469
1990	F	2307	-	510	-	2817	694	1011	1233	-	2244	-	2889
1999	MF	5762	-	3593	-	9355	1653	4016	4337	2907	2416	13676	-
1999	F	3337	-	1533	-	4870	1175	1552	1915	1355	1355	6357	-
2000	MF	5631	-	3613	-	9244	2445	3974	4187	3336	2562	14059	-
2000	F	3270	-	1583	-	4853	1681	1619	1844	1776	1471	6710	-
2001	MF	5958	-	3628	-	9586	2022	3958	4257	3543	3178	14936	-
2001	F	3454	-	1640	-	5094	1418	1683	1823	1924	1811	7241	-
2002	MF	6277	-	3646	-	9923	2186	3955	4399	3690	3537	15581	-
2002	F	3613	-	1701	-	5314	1570	1604	2069	1930	1874	7477	-
2003	MF	5960	-	4042	8	10010	2772	3981	4210	3837	3376	15404	-
2003	F	3238	-	1808	4	5050	1965	1653	2056	1971	1775	7455	-
2004	MF	5858	-	4067	240	10165	1989	4504	4289	4102	3939	16834	-
2004	F	3161	-	1843	167	5171	1430	1871	2069	2072	2104	8116	-
2005	MF	5575	-	4048	408	10031	2020	4537	4143	3633	4202	16515	345
2005	F	3051	-	1964	315	5330	1341	1821	2068	1921	2303	8113	9059
2006	MF	5621	-	4241	565	10427	2096	4103	4084	3718	4114	619	370
2006	F	3055	-	1974	399	5428	1416	1574	1990	1860	2385	291	345
2007	MF	5500	-	4845	826	11171	2348	3953	4013	3928	4591	928	17413
2007	F	2943	-	2127	500	5570	1590	1532	1911	2003	2645	435	441
2008	MF	5601	-	4808	1083	11472	2188	4504	4565	4447	1551	19317	610
2008	F	2982	-	2286	686	5954	1486	2247	2399	2391	815	9496	409

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)

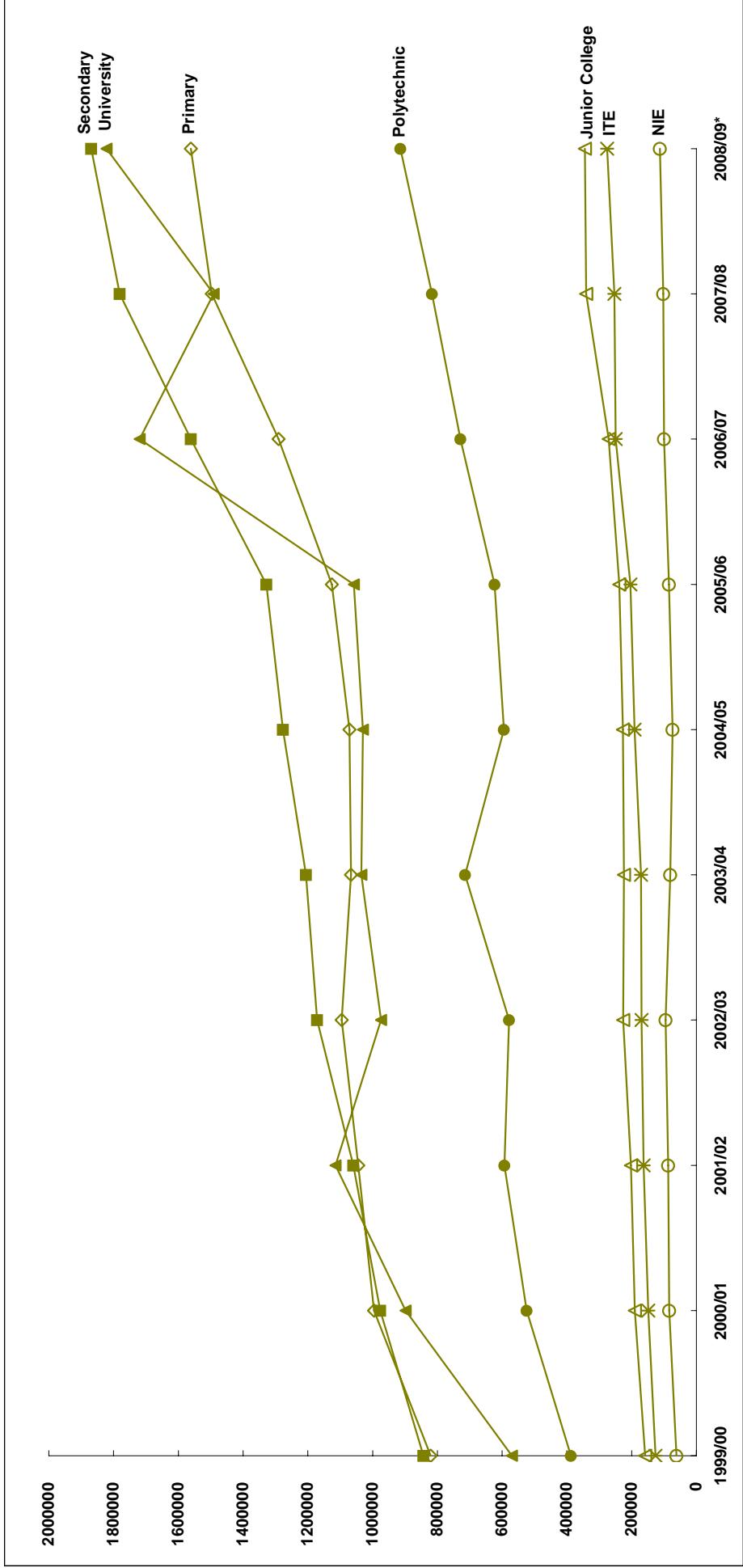


## 29 GOVERNMENT DEVELOPMENT EXPENDITURE ON EDUCATION ('000 SGD)

Financial Year	MOE HQ	Primary	Secondary	Junior College / Centralised Institute	Institute of Technical Education	Polytechnic	National Institute of Education	University (NUS, NTU, SMU)	Special Education	Others	Total
1994/95	80652	74717	184344	21655	45829	274947	7034	141746	1188	603	832715
1995/96	48895	72382	126920	13211	74943	259823	3459	154278	295	7232	761438
1996/97	113681	135280	121042	8656	59028	159244	16	174201	1313	2337	774797
1997/98	205675	117978	228079	13967	42912	305286	1010	165004	7679	14389	1101979
1998/99	454953	211942	352908	6114	42332	275051	111	315054	7078	20152	1685695
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	-	247374	1240	23312	866978
2006/07	42425	78447	104640	14811	70167	152823	-	137496	2035	4725	607569
2007/08	58358	214637	157152	7793	5960	116371	-	153564	20495	7713	742043
2008/09*	88046	258702	215197	4846	8473	44930	-	113001	25166	1889	760250

\* Preliminary figures

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



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

Year	Sex	National University of Singapore	Universities <sup>1</sup>			Total	National Institute of Education <sup>2</sup>	Polytechnics <sup>3</sup>			Total	LASALLE <sup>4</sup>	NAFA <sup>5</sup>	Institute of Technical Education <sup>6</sup>	
			Nanyang University	Nanyang Technological University	Singapore Management University			Singapore	Ngee Ann	Temasek	Nanyang	Republic			
1960	MF	532	651	-	-	1183	890	874	-	-	-	874	-	-	
	F	189	137	-	-	326	433	51	-	-	-	51	-	-	
1970	MF	1390	685	-	-	2075	1293	1617	302	-	-	1919	-	3348	
	F	530	366	-	-	896	986	109	74	-	-	183	-	246	
1980	MF	3002	-	-	-	3002	875	3479	1112	-	-	4591	-	3145	
	F	1524	-	-	-	1524	748	736	379	-	-	1115	-	230	
1990	MF	5053	-	1875	-	6928	1185	4336	4453	735	-	9524	-	9221	
	F	2430	-	1046	-	3476	895	1553	1902	552	-	4007	-	3352	
1999	MF	6372	-	4245	-	10617	2628	4440	4831	4283	3923	-	17477	-	10461
	F	3545	-	1817	-	5362	1840	1766	2269	2182	2031	-	8248	-	3553
2000	MF	6421	-	4506	305	11232	2186	4446	4673	4519	3881	-	17519	-	9772
	F	3437	-	2113	212	5762	1564	1843	2236	2244	1985	-	8308	-	3448
2001	MF	6479	-	4156	509	11144	2102	4847	4688	4328	4250	-	18113	-	10513
	F	3534	-	1944	376	5854	1523	1983	2205	2129	2239	-	8556	-	3297
2002	MF	6019	-	4411	607	11037	2352	4883	4527	4183	4641	-	18234	-	10628
	F	3252	-	2066	408	5726	1664	1921	2232	2156	2538	-	8847	-	3617
2003	MF	6245	-	4350	824	11419	1692	4347	4358	3878	4590	821	17994	-	10666
	F	3413	-	1854	512	5779	1171	1678	2109	1936	2594	377	8694	-	3732
2004	MF	5722	-	5377	1095	12194	1583	4410	4443	4140	5020	1134	19147	-	11650
	F	2955	-	2555	712	6222	1085	1676	2057	2043	2811	517	9104	-	4222
2005	MF	6095	-	5206	1207	12508	2208	4545	4801	4775	4993	1792	20906	678	13705
	F	3122	-	2663	586	6371	1492	1725	2363	2510	2590	948	10136	400	534
2006	MF	6631	-	5746	1356	13733	1884	4746	4949	5009	4952	2620	22276	1008	13445
	F	3618	-	2735	610	6963	1292	1719	2336	2448	2511	1380	10394	603	5035
2007	MF	6554	-	6196	1603	14353	1852	5006	4817	4833	4965	3741	23362	790	713
	F	3710	-	3201	896	7807	1292	1804	2355	2399	2683	1947	11188	540	495
2008	MF	6432	-	6033	1670	14135	1702	5193	5278	5023	4065	24838	728	852	14205
	F	3389	-	3039	952	7380	1158	2069	2578	2459	2700	2117	11953	460	5318

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.

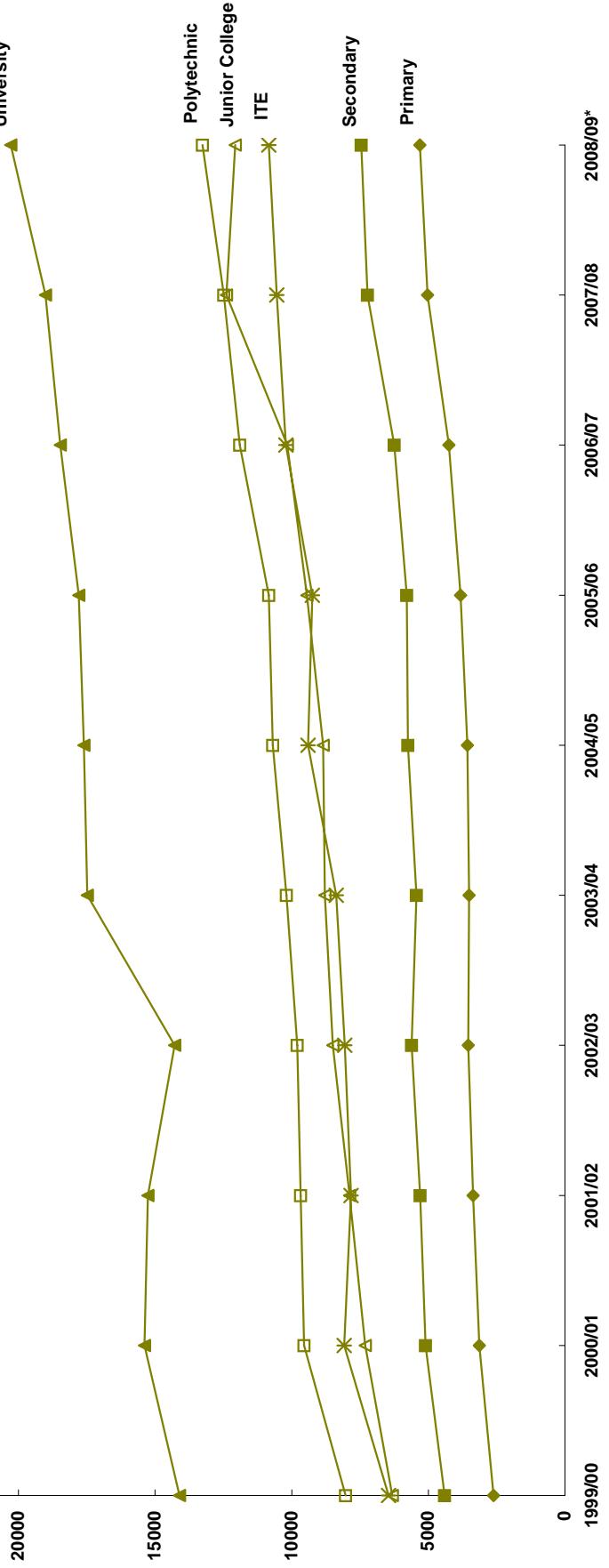
7) Intake figures include direct entry to second and subsequent years.

### 30 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 <sup>1</sup> (NUS, NTU, SMU)	Special Education	Others	Total
1994/95	103683	633966	629168	130490	105648	320283	38392	502999	10469	11143	2486241
1995/96	120931	694703	694321	137080	109670	338960	40922	520289	13712	11831	2682419
1996/97	148747	764064	796098	148176	112899	393624	59620	546120	14747	13063	2997158
1997/98	208659	829887	861245	157964	124332	429234	48131	656619	17196	14508	3347775
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	363558	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*	402690	1561032	1869087	344490	275337	931898	112799	1821717	73046	93932	7486028

\* Preliminary figures

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



### 31 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>
1994/95	2523	3488	5832	7511	7584	16355
1995/96	2653	3680	6363	9547	7776	17241
1996/97	2837	4152	6726	11646	8406	15037
1997/98	2960	4469	7052	10586	9018	15125
1998/99	2808	4472	6346	7020	8144	12580
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*	5306	7456	12066	10834	13260	20284

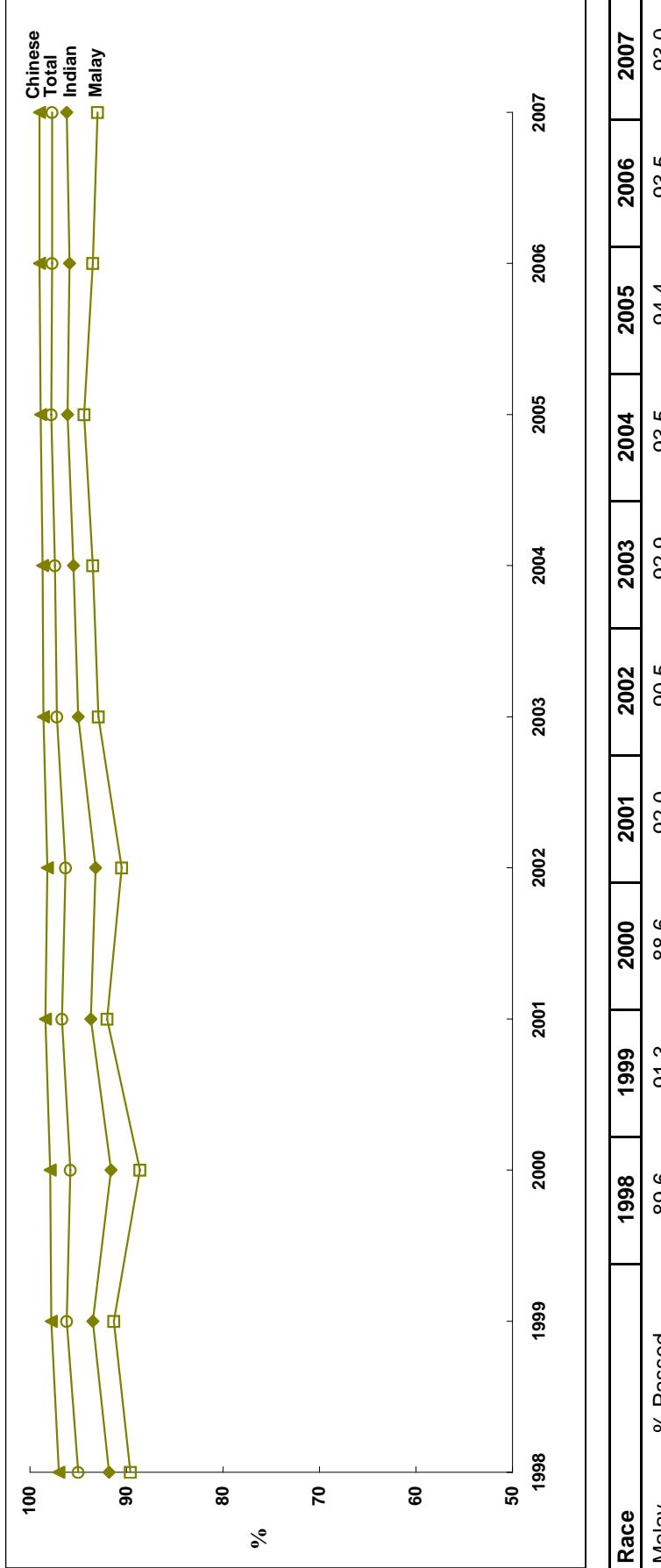
Note:

1) Figures exclude Independent Schools.

2) Figures include National University of Singapore, Nanyang Technological University and Singapore Management University.

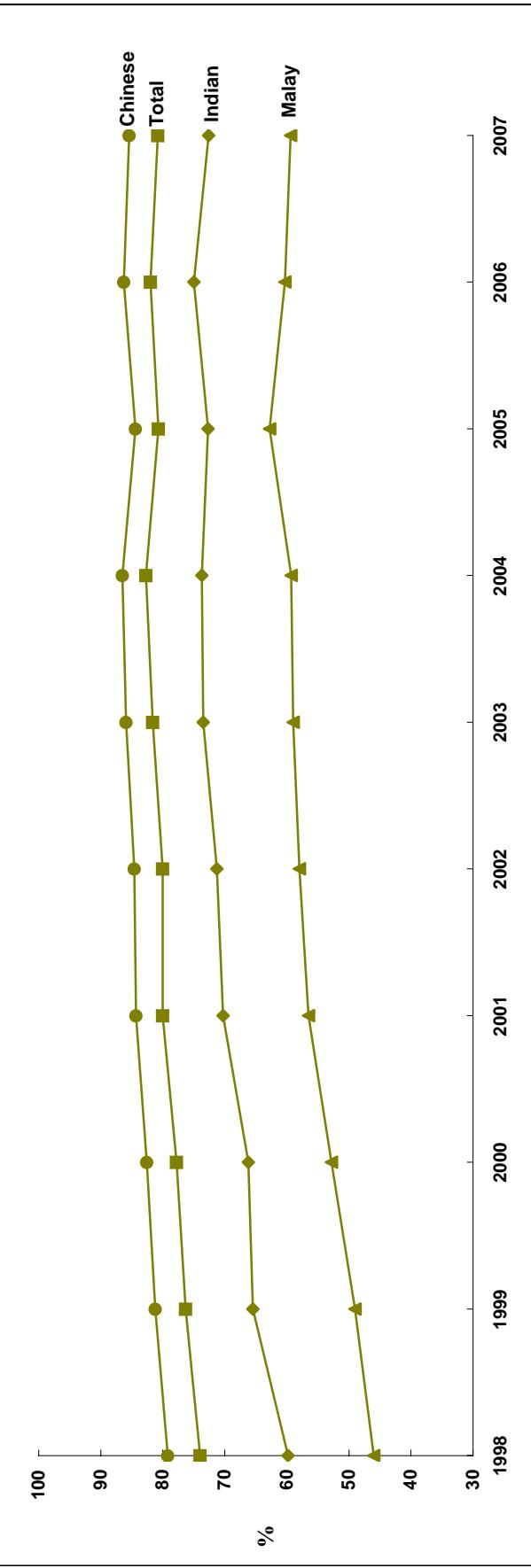
\* Preliminary figures

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



Note:  
1) % Passed refers to school candidates who are eligible for Secondary School.

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



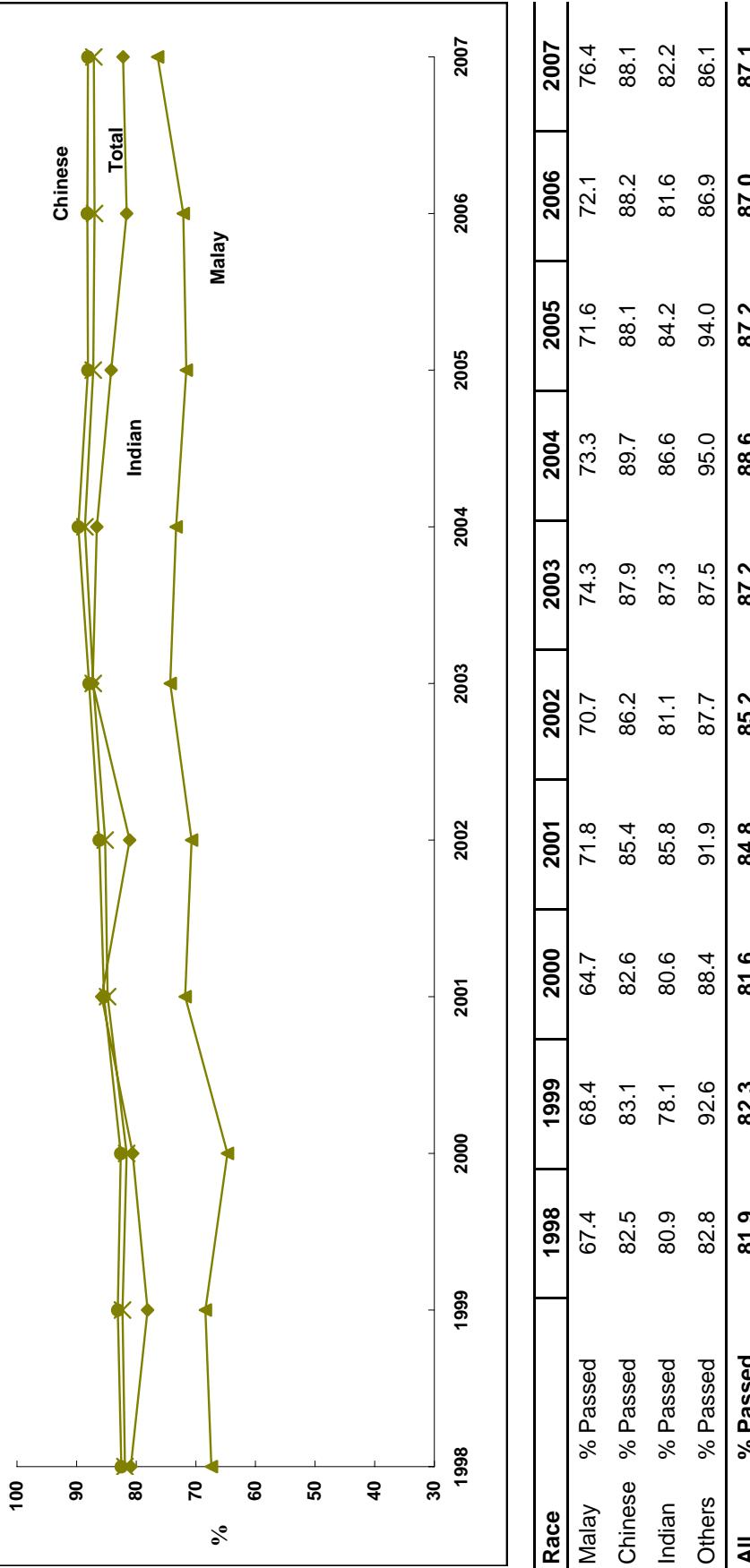
Race	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Malay	% Passed	46.0	49.0	52.8	56.5	58.0	59.0	59.3	63.2	60.3
Chinese	% Passed	79.2	81.2	82.6	84.3	84.6	85.9	86.5	84.8	86.3
Indian	% Passed	59.8	65.5	66.2	70.3	71.3	73.5	73.7	72.9	75.0
Others	% Passed	70.0	72.4	75.8	74.7	76.6	80.9	77.2	78.6	76.5
<b>All</b>	<b>% Passed</b>	<b>74.0</b>	<b>76.3</b>	<b>77.8</b>	<b>80.0</b>	<b>80.0</b>	<b>81.6</b>	<b>82.7</b>	<b>81.1</b>	<b>82.0</b>

Note:

1) % Passed refers to school candidates with at least 5 'O' level passes.

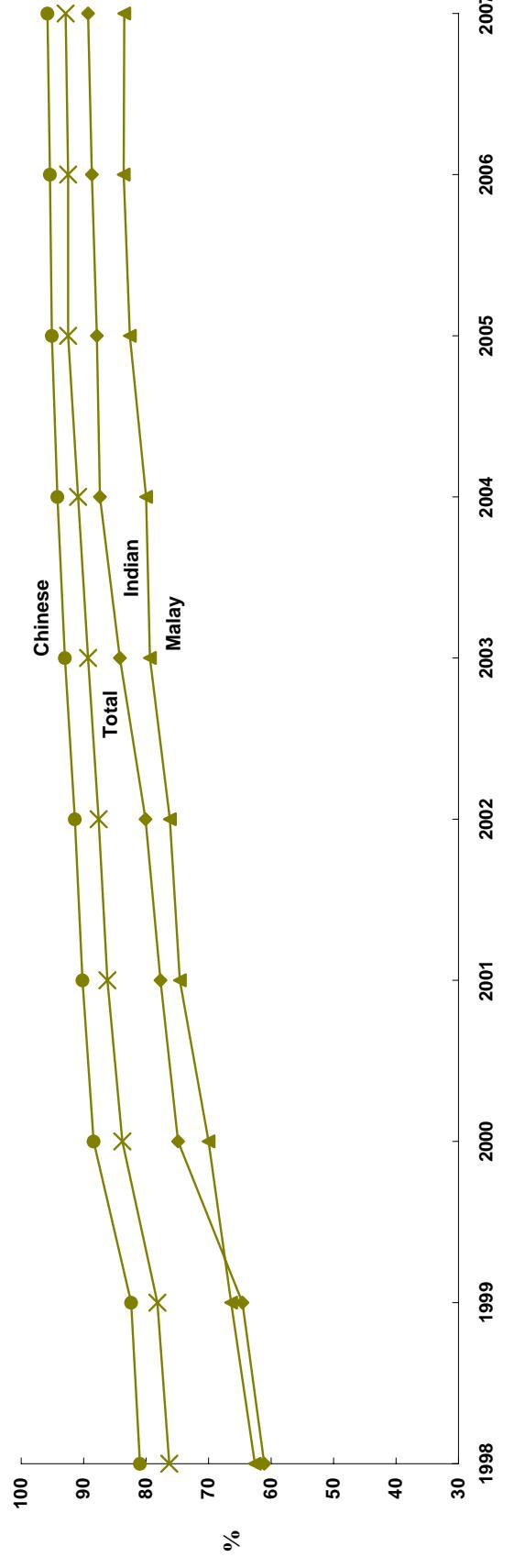
2) Figures from 2005 onwards exclude IP students.

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



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

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



Note:

1) Post-Secondary Education Institutions refers to Junior Colleges, Centralised Institute, Polytechnics, ITE, LASALLE College of the Arts, Nanyang Academy of Fine Arts and other private educational organisations offering courses at post-secondary level.

2) Figures from 2000 include participation in LASALLE College of the Arts, Nanyang Academy of Fine Arts and other private educational organisations, and also take into account students who left the country.

3) Figures for 2003-2007 are preliminary.



## **APPENDICES**

# **Milestones in the Education System**

## **Pre-Primary Education**

- 1993 Discontinuation of Preparatory Year programme in Schools

## **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
- 2007 Establishment of NorthLight School
- 2008 Refinements to Streaming (merger of Secondary 1 Special and Express streams)

## **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

### **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

## **University Education**

- 1956 Nanyang University (Nantah) admits 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

## CLASSIFICATION OF COURSES (UNIVERSITY)

1.	<b>FINE &amp; APPLIED ARTS</b>	Art, Design and Media Industrial Design Music
2.	<b>HUMANITIES &amp; SOCIAL SCIENCES</b>	Arts Arts & Social Science BA Education Chinese Economics English Humanities & Social Sciences Psychology Sociology
3.	<b>MASS COMMUNICATION</b>	Communication Studies
4.	<b>ACCOUNTANCY</b>	Accountancy
5.	<b>BUSINESS &amp; ADMINISTRATION</b>	Business Administration Business Management Business Studies Environmental Management
6.	<b>LAW</b>	Approved Graduate Law Graduate LL.B. Programme Law
7.	<b>NATURAL, PHYSICAL &amp; MATHEMATICAL SCIENCES</b>	B.Sc. Education Biological Sciences Chemistry & Biological Chemistry Mathematics & Economics Physical & Mathematical Sciences Physics & Applied Physics Pure Science
8.	<b>MEDICINE</b>	Medicine
9.	<b>DENTISTRY</b>	Dentistry
10.	<b>HEALTH SCIENCES</b>	Biomedical Sciences Nursing Pharmacy

11.	<b>INFORMATION TECHNOLOGY</b>	B Computing in Computer Engineering B Computing in Computer Science Business & Computing Information Systems Management
12.	<b>ARCHITECTURE &amp; BUILDING</b>	Architecture Building & Real Estate Project & Facilities Management Real Estate
13.	<b>ENGINEERING SCIENCES</b>	Aerospace Engineering Bioengineering Chemical & Biomolecular Engineering Chemical Engineering Civil Engineering Computer Engineering Electrical & Electronics Engineering Electrical Engineering Engineering Engineering Science Programme Environmental Engineering Environmental Science & Engineering Industrial & Systems Engineering Materials Engineering Materials Science & Engineering Mechanical Engineering
14	<b>SERVICES</b>	Maritime Studies

## CLASSIFICATION OF COURSES (POLYTECHNIC)

1.	<b>EDUCATION</b>	Early Childhood Education Sports & Exercise Sciences
2.	<b>APPLIED ARTS</b>	Apparel Design & Merchandising Creative Media Design Digital Media Design Film, Sound & Video Games Design & Development Industrial Design Interactive Media Design Interior Architecture & Design Interior Design Moving Images Music & Audio Technology New Media Product and Industrial Design Product Design & Innovation Sonic Arts Technology & Arts Management Visual Communication
3	<b>HUMANITIES AND SOCIAL SCIENCES</b>	Chinese Studies Psychology & Community Services
4.	<b>MASS COMMUNICATION &amp; INFORMATION SCIENCE</b>	Communications & Media Management Information Management Mass Communication Media & Communication Media Studies & Management
5.	<b>BUSINESS &amp; ADMINISTRATION</b>	Accountancy Accountancy & Finance Accounting & Finance Banking & Financial Services Business Administration Business Management Business Studies Business/Logistics & Operations Management/Marketing Financial Services Hospitality & Tourism Business Hospitality & Tourism Management Integrated Events Management Leisure & Resort Management Logistic Engineering & Management Logistic Management Marketing Retail Management Sport & Wellness Management Sports & Leisure Management Tourism & Resort Management

6.	<b>LEGAL STUDIES</b>	Law & Management Legal Studies
7.	<b>SCIENCE &amp; RELATED TECHNOLOGIES</b>	Applied Food Science & Nutrition Biotechnology Biotechnology/ Biomedical Science Chemical & Pharmaceutical Technology Consumer Science & Technology Food Science Horticulture and Landscape Management Materials Science Molecular Biotechnology
8.	<b>HEALTH SCIENCES</b>	Biomedical Laboratory Technology Biomedical Science Dental Hygiene & Therapy Dental Therapy Diagnostic Radiography Health Sciences (Nursing) Medical Technology (Cardiac Technology) Nursing Occupational Therapy Optometry Pharmacy Physiotherapy Radiation Therapy
9.	<b>INFORMATION TECHNOLOGY</b>	Business Applications Business Computing Business Informatics Business Information Technology Cyber & Digital Security Digital Entertainment Technology Digital Media Engineering Informatics Financial Business Informatics Game & Entertainment Technology Infocomm Security Management Information Technology Information Technology (Mobile Computing) Information Technology Service Management Internet & Multimedia Development Internet Computing Internetworking & Communications Mobile & Wireless Computing Multimedia & Animation Multimedia & InfoComm Technology Multimedia Computing Multimedia Software Engineering Multimedia Technology

10.	<b>ARCHITECTURE &amp; BUILDING</b>	Architecture Building & Real Estate Management Building & Property Management Facilities Management for Business Integrated Facility Design & Management Landscape Architecture Property Development & Facilities Management Real Estate Business
11.	<b>ENGINEERING SCIENCES</b>	Aerospace Avionics Aerospace Electronics Aeronautical Engineering Aerospace Technology Bioelectronics Biomedical Engineering Biomedical Electronics Biomedical Informatics & Engineering Business Process & Systems Engineering Chemical Engineering Chemical & Biomolecular Engineering Chemical Process Technology Chemical Technology and Instrumentation Civil & Environmental Engineering Civil & Structural Engineering Communications & Automation Electronics Computer & Network Technology Electronics/Telecommunications/Computer Engineering/ Microelectronics Electronic & Computer Engineering Electronics, Computer & Communication Engineering Electronics & Telecommunication Engineering Electrical/ Electronic & Computer/ Mechanical/ Mechatronics Engineering Electrical Engineering Electrical & Computer Control Engineering Electrical & Electronic Engineering Engineering Common Year Program Industrial & Operations Management Info-Communications Information Communication Technology Intelligent Building Technology Manufacturing Engineering Marine Engineering Marine & Offshore Technology Mechanical Engineering Mechatronics Engineering Mechatronics Microelectronics Product Engineering Quality Management & Engineering Supply Chain Management Telecommunication

12.	<b>SERVICES</b>	Culinary & Catering Management Maritime Transportation Management Nautical Studies
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## CLASSIFICATION OF COURSES (LASALLE & NAFA)

1.	<b>FINE &amp; APPLIED ARTS</b>	Visual Studies Foundation
2.	<b>FINE &amp; PERFORMING ARTS</b>	Art (Teaching) Classical Music Contemporary Popular Music Dance Dance Foundation Fine Arts Fine Arts Foundation Jazz Music Music (Teaching) Music Foundation Popular Music Theatre Theatre Arts Theatre Foundation Theatre Production Design World Music
3.	<b>DESIGN &amp; APPLIED ARTS</b>	Communication Design Environmental Design Fashion Design Foundation Studies Graphic Design Interior Design Jewellery Design Multimedia Product Design Technical Theatre Arts Visual Communication
4.	<b>MEDIA PRODUCTION</b>	Animation Art Film Interactive Art Media Arts Music Technology Video Art
5.	<b>BUSINESS &amp; ADMINISTRATION</b>	Arts Management Fashion Management Fashion Merchandising & Marketing
6.	<b>OTHERS</b>	Ceramics Painting Printmaking Sculpture

## CLASSIFICATION OF COURSES (ITE)

### CLASSIFICATION OF HIGHER NATIONAL ITE CERTIFICATE (HIGHER NITEC) PROGRAMMES (2008)

1.	<b>ENGINEERING</b>	<i>Higher Nitec in Electrical Engineering</i> <i>Higher Nitec in Electronics Engineering</i> <i>Higher Nitec in Mechanical &amp; Electrical Engineering Design</i> <i>Higher Nitec in Mechanical Engineering</i> <i>Higher Nitec in Mechatronics Engineering</i>
2.	<b>INFO-COMMUNICATIONS TECHNOLOGY</b>	<i>Higher Nitec in Information Technology</i> <i>Higher Nitec in Wireless Technology</i>
3.	<b>BUSINESS &amp; SERVICES</b>	<i>Higher Nitec in Accounting</i> <i>Higher Nitec in Business Studies (Administration)</i> <i>Higher Nitec in Business Studies (Sports Management)</i> <i>Higher Nitec in Business-Information Technology</i> <i>Higher Nitec in Integrated Logistics Management</i>
4.	<b>APPLIED &amp; HEALTH SCIENCES</b>	<i>Higher Nitec in Biochemical Technology</i>

**CLASSIFICATION OF NATIONAL ITE CERTIFICATE (NITEC) PROGRAMMES  
(2008)**

1.	<b>ENGINEERING</b>	<i>Nitec in Aerospace Technology</i> <i>Nitec in Automotive Technology</i> <i>Nitec in Building Drafting</i> <i>Nitec in Building Services Technology</i> <i>Nitec in Communications Technology</i> <i>Nitec in Electrical Technology</i> <i>Nitec in Electronics</i> <i>Nitec in Mechatronics</i> <i>Nitec in Mechanical Technology</i> <i>Nitec in Precision Engineering</i>
2.	<b>INFO-COMMUNICATIONS TECHNOLOGY</b>	<i>Nitec in Digital Animation</i> <i>Nitec in Digital Media Design</i> <i>Nitec in Info-Communications Technology</i> <i>Nitec in Multimedia Technology</i> <i>Nitec in Product Design</i>
3.	<b>BUSINESS &amp; SERVICES</b>	<i>Nitec in Beauty Therapy</i> <i>Nitec in Culinary Skills (Western)</i> <i>Nitec in Food &amp; Beverage Operations</i> <i>Nitec in Service Skills (Office)</i> <i>Nitec in Service Skills (Retail)</i> <i>Nitec in Service Skills (Tourism)</i>
4.	<b>APPLIED &amp; HEALTH SCIENCE</b>	<i>Nitec in Chemical Process Technology</i> <i>Nitec in Nursing</i>

## **CLASSIFICATION OF ITE SKILLS CERTIFICATE (ISC) PROGRAMMES (2008)**

1.	<b>TECHNICAL SKILLS</b>	Basic Vocational Training (1 <sup>st</sup> Year ISC)  ISC 2 <sup>nd</sup> Year - Electrical Servicing - Food Preparation and Service - Mechanical Servicing
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