

Education Statistics Digest 2013



Ministry of Education
SINGAPORE

Moulding The Future of Our Nation

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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 2012. 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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POST SECONDARY
1-6 years

17-22 years old


PRIMARY
6 years

7-12 years old



**** 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 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) was a call made by PM Lee Hsien Loong in his inaugural National Day Rally speech in 2004 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 to the best of his abilities. Being proficient in English allows them to plug into a globalised world. Being proficient in Mother Tongue provides a link to their heritage and Asian roots, and provides them with a competitive edge with the rise of China and India, and integration of ASEAN.

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 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 designed to give them a strong foundation. This includes developing language and numeracy skills, building character and nurturing sound values and good habits. The primary school curriculum focuses on three main aspects of education – subject disciplines, character development and knowledge skills.

Subject disciplines comprise subject areas such as Languages, Humanities & the Arts and Mathematics & Sciences which ensure that students have a good grounding in subjects across different areas of study. With Subject-based Banding, English, Mother Tongue Language, Mathematics and Science will be taught at the appropriate level at both Primary 5 and Primary 6 according to the ability of the student.

Knowledge skills focus on developing students' thinking, process and communication skills. These are all essential skills for learning. Knowledge skills are taught through a variety of subjects and often through project work. This enables students to use the full range of knowledge skills, work together and clearly demonstrate what they have learnt.

Character development is facilitated through daily teacher-student interaction as well as programmes in the non-academic curriculum. They focus on instilling sound values, to take students through life as responsible adults. Students have many opportunities to develop life skills through Co-curricular Activities, Character and Citizenship Education, Social Emotional Learning and Physical Education.

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

- **Express Course¹.** 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 Tongue², 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). The latter builds on the existing ITE Direct Entry Scheme (DES).
- **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.

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.

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

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

SPECIALISED SCHOOLS

Specialised Schools such as Northlight School and Assumption Pathway School offer customised programmes for students who are inclined towards hands-on and practical learning.

In addition, Crest Secondary School, the first of two Specialised Schools catering to Normal (Technical) students, began admitting students in January 2013. Crest Secondary School adopts a whole-school approach in providing a customised learning environment to develop its students. It also works closely with the Institute of Technical Education (ITE) and industry partners to develop vocational programmes and provide attachment opportunities for its students.

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.

INTEGRATED PROGRAMME

Students who are academically strong and prefer a more independent and less structured learning 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 students proceed to one of the following post-secondary institutions for further education/training.

- **Junior Colleges / Centralised Institute.** Students 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.
- **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.

- **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 15 faculties and schools. Both undergraduate and graduate programmes are offered at the Faculty of Arts and Social Sciences, 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 Faculty of Science. 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 is set to matriculate its first 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 five autonomous entities are the Lee Kong Chian School of Medicine, 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. The Lee Kong Chian School of Medicine was established in collaboration with Imperial College London and will admit its first batch of students in 2013.

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—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 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, 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 students work together to design devices, systems and services that address strategic needs of Singapore, the region and the global community.

Singapore Institute of Technology (SIT)

The Singapore Institute of Technology 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 AY2012, SIT offered 24 degree programmes in partnership with 10 overseas universities. SIT programmes build on the industry-oriented training that our polytechnic graduates receive today, and are mostly conducted in the polytechnic campuses. By AY2015, SIT will be Singapore's fifth publicly-funded university and offer its own degrees.

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* 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 adult learners who already hold diplomas and preferably have working experience in relevant or related fields. 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 deepen their skills and knowledge in the field in which they are trained or practising in, Specialist Diploma courses that cater to adults seeking to acquire 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 undergraduate courses. **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. **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

<u>Percentage of P1 cohort¹ who</u>	2007	2008	2009	2010	2011	2012
Sat for						
PSLE and passed	98.2	97.9	98.1	98.0	97.9	98.2
GCE 'N' or 'O' Level Examinations and had at least 5 'N' level passes or 3 'O' level passes	86.8	86.9	87.5	87.8	89.1	88.9
GCE 'A' Level Examinations and had at least 3 H2 passes and a pass in GP or KI	25.0	25.5	25.6	26.0	26.0	25.7
Admitted into ²						
Institute of Technical Education	21.0	20.9	21.2	20.9	21.4	21.1
Polytechnics	42.3	43.9	44.6	45.3	45.9	45.8
Junior Colleges / Centralised Institutes	28.3	28.0	27.6	27.5	27.0	27.6
Universities (NUS, NTU, SMU, SIT, SUTD)	25.1	25.1	24.8	25.6	26.4	27.7
<u>Ratio of Students to Teaching Staff</u>						
Primary	22.1	21.4	19.6	19.3	18.6	17.7
Secondary ³	18.3	17.9	16.4	16.1	14.8	13.9

Notes:

1. The P1 cohorts represented in each year are different across the indicators, as different cohorts reach the target levels in each year. 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.
3. Include students and teachers in Government, Govt-Aided, Independent, Specialised Independent, Specialised schools.

**PRIMARY, SECONDARY AND PRE-UNIVERSITY
EDUCATION, 2012**

1 NUMBER OF SCHOOLS BY LEVEL AND TYPE, 2012

Type of School	Primary	Secondary	Mixed Level ¹	Junior College / Centralised Institute	Total
Total	175	154	15	13	357
Government	134	119	5	9	267
Govt-Aided	41	28	3	4	76
Independent	0	3	5	0	8
Specialised Independent	0	2	2	0	4
Specialised	0	2	0	0	2

Note: 1) The category Mixed Level comprises of 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 EP¹ IN SCHOOLS BY LEVEL, 2012

	Primary		Secondary		Mixed Level ³		Junior College / Centralised Institute		Total	
	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female
Enrolment	245560	118670	184304	90249	37647	17960	19831	10809	487342	237688
Teacher	13979	11404	13087	8561	2889	1815	1836	1097	31791	22877
Vice-Principal	262	171	294	151	42	24	23	14	621	360
Principal ²	184	137	158	81	12	6	13	9	367	233
Education Partners	2,955	2,235	3,535	2,140	864	548	307	208	7661	5131

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), Secondary & Junior College Schools (S1-JC2); and Upper Secondary and Junior College (S3-JC2).

3 SUMMARY STATISTICS ON EDUCATION OFFICERS, 2012

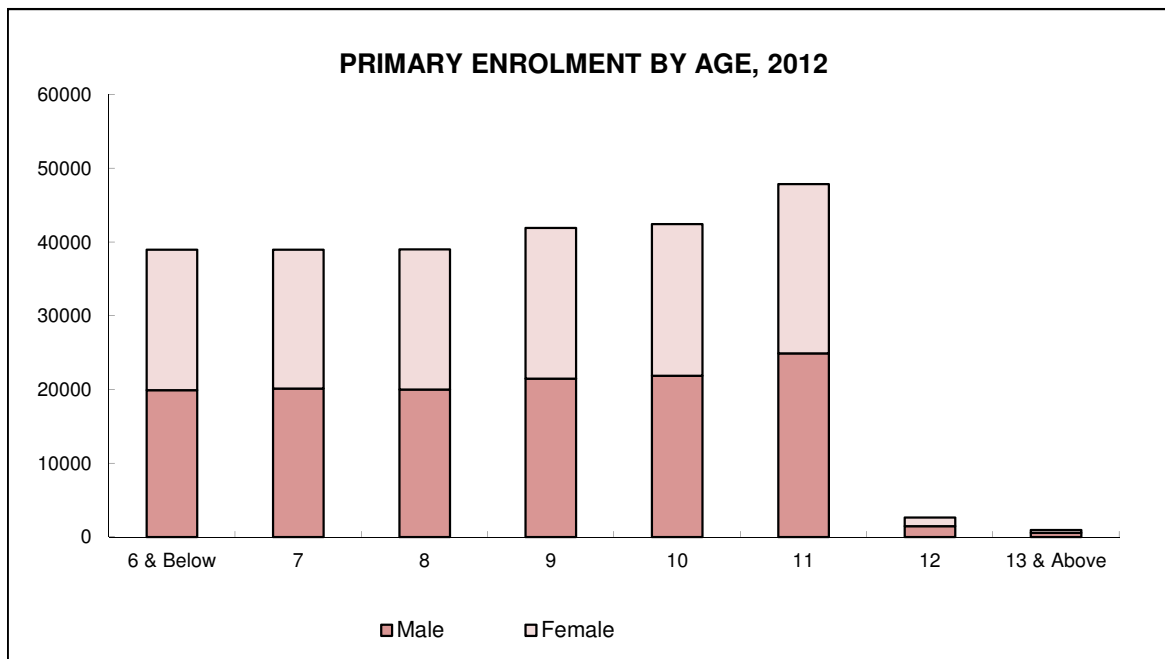
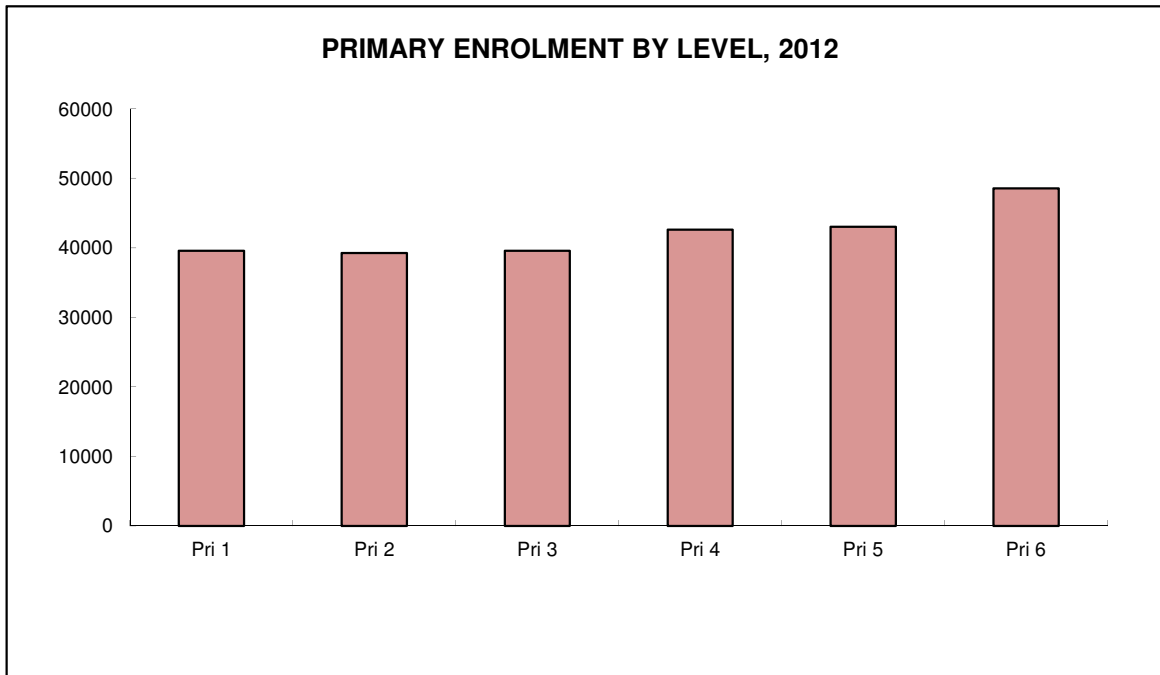
Level / Type of School	Qualification	Teacher		Vice-Principal		Principal		All	
		Total	Female	Total	Female	Total	Female	Total	Female
Total	Graduate	26207	18375	603	348	358	225	27168	18948
	Non-grad	5584	4502	18	12	9	8	5611	4522
Primary	Graduate	9606	7826	252	165	175	129	10033	8120
	Non-grad	4703	3863	17	12	9	8	4729	3883
Government	Graduate	6717	5418	189	120	135	100	7041	5638
	Non-grad	3502	2825	9	6	7	7	3518	2838
Govt-Aided	Graduate	2889	2408	63	45	40	29	2992	2482
	Non-grad	1201	1038	8	6	2	1	1211	1045
Secondary	Graduate	13703	8860	315	165	165	85	14183	9110
	Non-grad	871	636	1	0	0	0	872	636
Government	Graduate	9563	6150	226	107	120	62	9909	6319
	Non-grad	618	481	0	0	0	0	618	481
Govt-Aided	Graduate	2661	1768	57	36	33	17	2751	1821
	Non-grad	160	128	1	0	0	0	161	128
Independent	Graduate	1084	719	24	17	6	4	1114	740
	Non-grad	16	8	0	0	0	0	16	8
Specialised	Graduate	303	175	5	2	4	2	312	179
Independent	Non-grad	6	5	0	0	0	0	6	5
Specialised	Graduate	92	48	3	3	2	0	97	51
	Non-grad	71	14	0	0	0	0	71	14
Junior College / Centralised Institute	Graduate	2898	1689	36	18	18	11	2952	1718
	Non-grad	10	3	0	0	0	0	10	3
Government	Graduate	1751	1031	23	12	12	7	1786	1050
	Non-grad	5	2	0	0	0	0	5	2
Govt-Aided	Graduate	616	358	7	4	4	3	627	365
	Non-grad	2	1	0	0	0	0	2	1
Independent	Graduate	531	300	6	2	2	1	539	303
	Non-grad	3	0	0	0	0	0	3	0

Note: 1) The above excludes 980 (Female 669) officers in HQ, 1064 (Females 950) on various leave, 287 (Females 185) on secondment to other institutions and 311 (Females 252) studying at NIE.

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

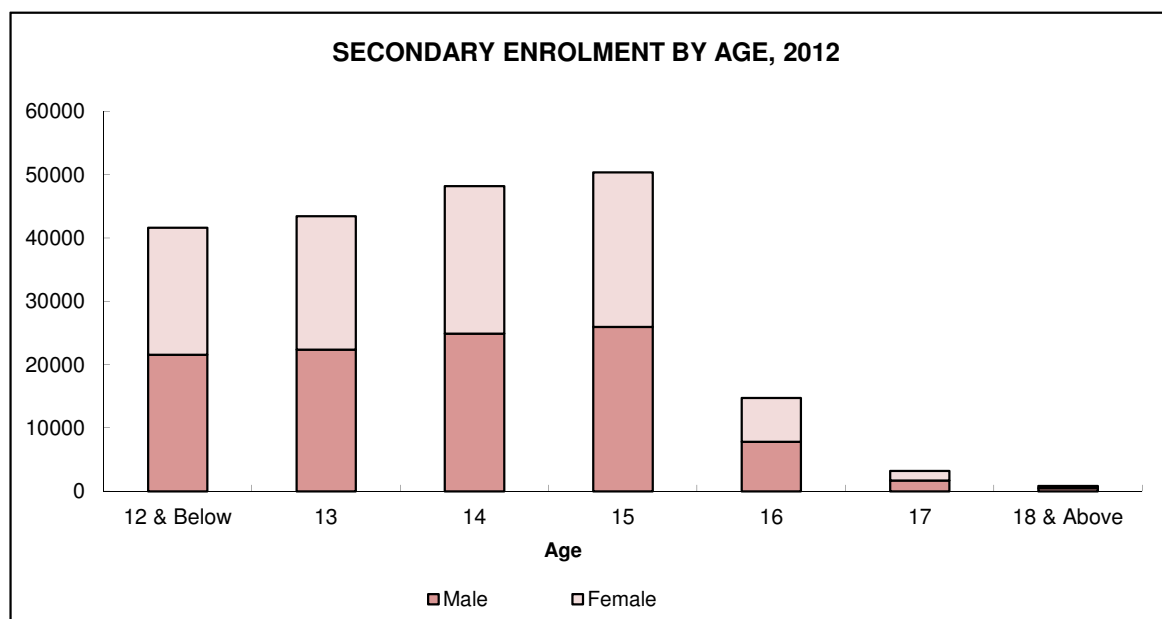
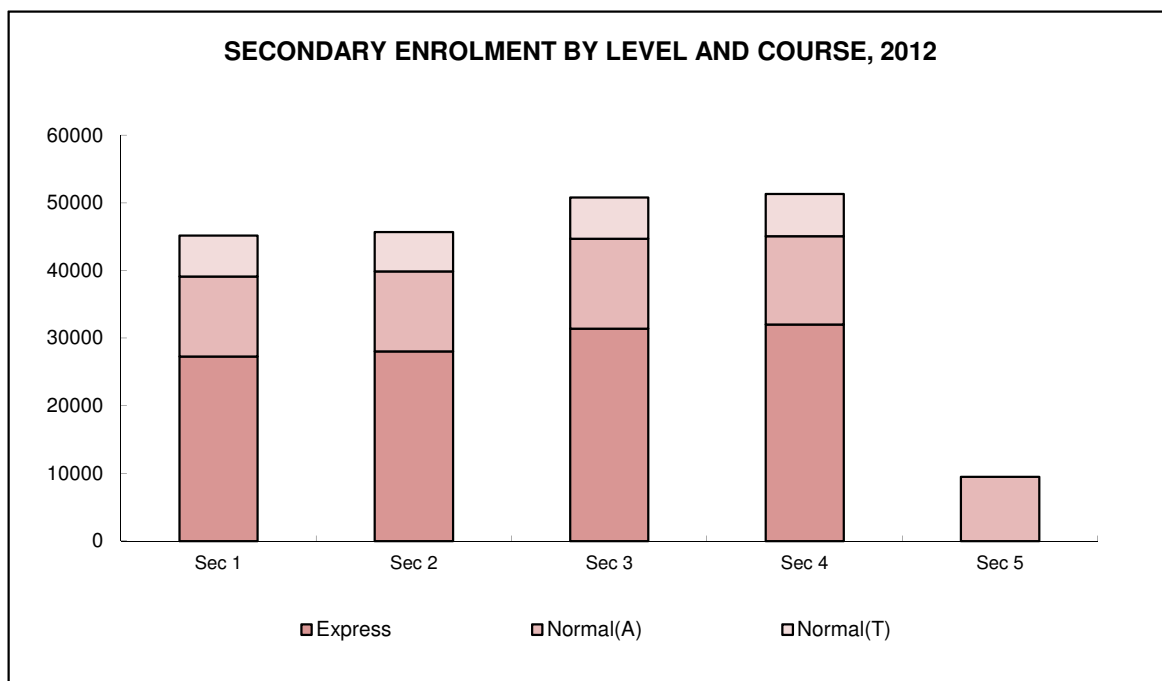
4 ENROLMENT, NUMBER OF CLASSES AND CLASS SIZE BY LEVEL, 2012

Level	Enrolment	No. of Classes	Average Class Size
Total	487342	14410	33.8
Primary	252735	7377	34.3
Pri 1	39582	1334	29.7
Pri 2	39258	1323	29.7
Pri 3	39610	1057	37.5
Pri 4	42652	1155	36.9
Pri 5	43042	1185	36.3
Pri 6	48591	1323	36.7
Secondary	202520	5638	35.9
Sec 1	45198	1240	36.5
Sec 2	45705	1242	36.8
Sec 3	50795	1410	36.0
Sec 4	51325	1459	35.2
Sec 5	9497	287	33.1
Junior College / Centralised Institute	32087	1395	23.0
JC 1 / PU 1	16727	708	23.6
JC 2 / PU 2	15023	675	22.3
PU 3	337	12	28.1



5 PRIMARY ENROLMENT BY AGE AND LEVEL 2012

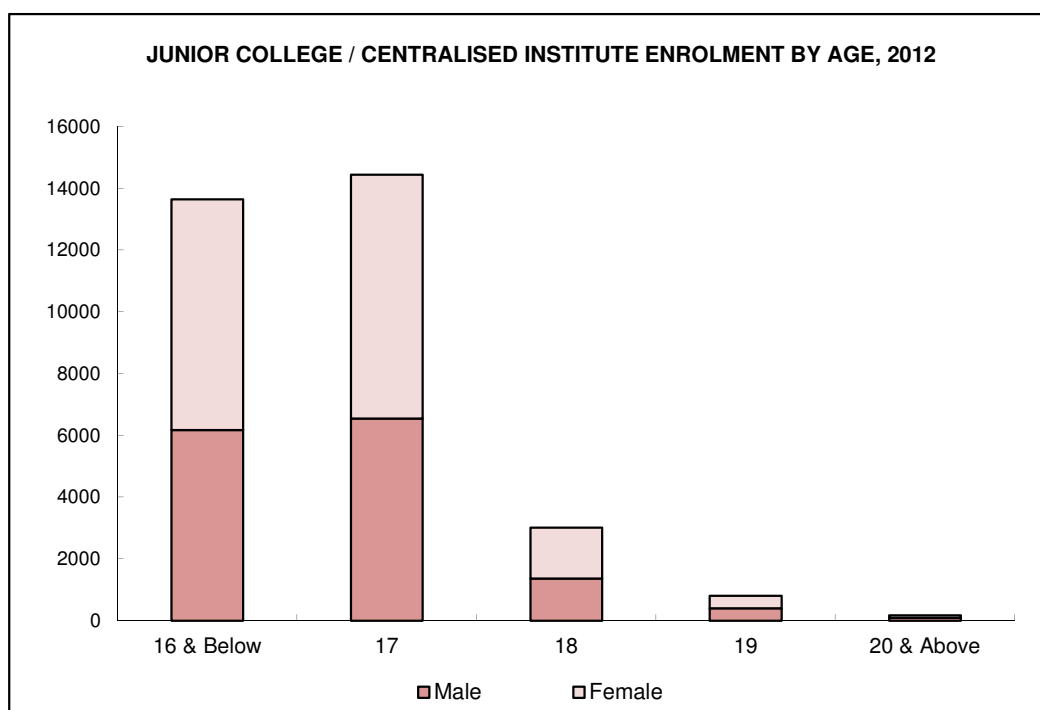
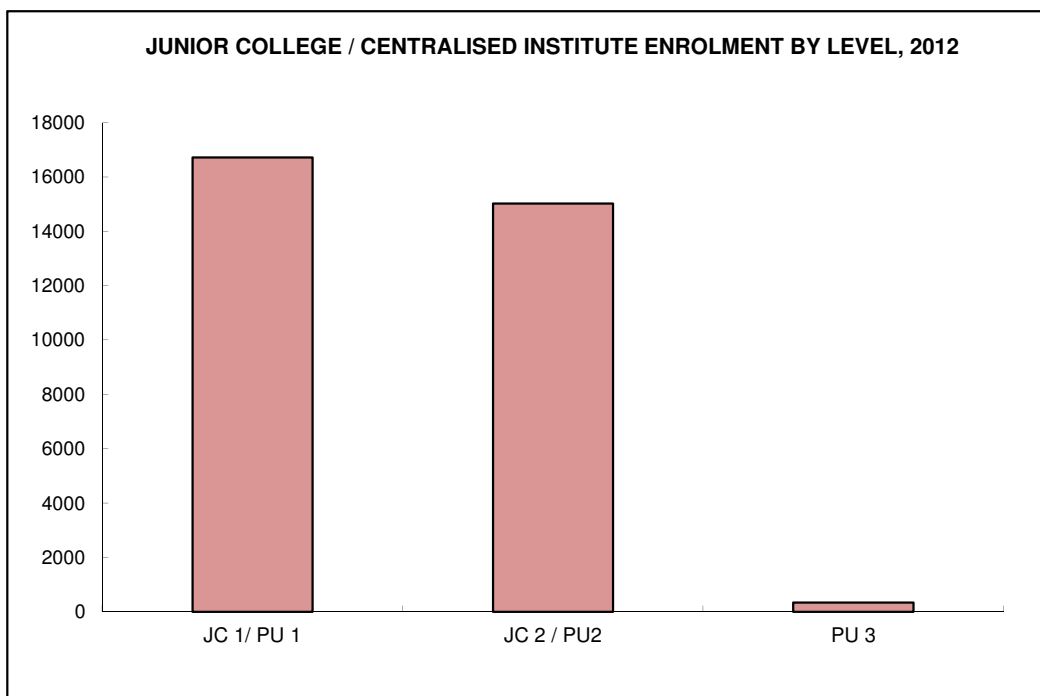
Level	Sex	Age (in years)										Total
		≤ 6	7	8	9	10	11	12	13	14	≥ 15	
Total	MF	38952	38975	39020	41901	42436	47889	2620	781	144	17	252735
	F	19036	18862	19036	20410	20567	22999	1144	339	57	4	122454
Pri 1	MF	38952	549	79	2	-	-	-	-	-	-	39582
	F	19036	228	34	2	-	-	-	-	-	-	19300
Pri 2	MF	-	38425	666	156	11	-	-	-	-	-	39258
	F	-	18633	289	66	6	-	-	-	-	-	18994
Pri 3	MF	-	1	38274	981	328	21	5	-	-	-	39610
	F	-	1	18713	434	152	7	3	-	-	-	19310
Pri 4	MF	-	-	1	40760	1281	571	35	4	.	-	42652
	F	-	-	-	19907	600	260	11	2	.	.	20780
Pri 5	MF	-	-	-	2	40815	1444	680	87	14	-	43042
	F	-	-	-	1	19808	643	300	29	6	-	20787
Pri 6	MF	-	-	-	-	1	45853	1900	690	130	17	48591
	F	-	-	-	-	1	22089	830	308	51	4	23283



6 SECONDARY ENROLMENT BY AGE, LEVEL AND COURSE, 2012

Level & Course	Sex	Age (in years)										Total
		≤ 11	12	13	14	15	16	17	18	19	≥ 20	
Total	MF	4	41635	43466	48216	50407	14726	3211	694	137	24	202520
	F	4	20056	21106	23321	24461	6900	1519	288	58	10	97723
Secondary 1	MF	4	41627	2328	998	203	38	-	-	-	-	45198
	F	4	20052	1076	478	101	17	-	-	-	-	21728
Express	MF	4	25541	1014	601	116	17	-	-	-	-	27293
	F	4	12894	521	306	70	8	-	-	-	-	13803
Normal(A)	MF	.	10929	598	253	58	10	-	-	-	-	11848
	F	.	5226	277	109	19	5	-	-	-	-	5636
Normal(T)	MF	.	5157	716	144	29	11	-	-	-	-	6057
	F	.	1932	278	63	12	4	-	-	-	-	2289
Secondary 2	MF	-	8	41130	2846	1348	305	64	4	-	-	45705
	F	-	4	20027	1280	651	139	25	3	-	-	22129
Express	MF	-	6	25881	1171	782	169	29	-	-	-	28038
	F	-	2	13399	598	417	82	9	-	-	-	14507
Normal(A)	MF	-	2	10538	808	376	83	15	3	-	-	11825
	F	-	2	4997	348	159	36	7	2	-	-	5551
Normal(T)	MF	-	-	4711	867	190	53	20	1	-	-	5842
	F	-	-	1631	334	75	21	9	1	-	-	2071
Secondary 3	MF	-	-	8	44359	4279	1693	392	62	2	-	50795
	F	-	-	3	21557	1958	802	182	27	1	-	24530
Express	MF	-	-	8	28083	2151	919	201	25	-	-	31387
	F	-	-	3	14692	1085	484	105	9	-	-	16378
Normal(A)	MF	-	-	-	11336	1260	583	121	23	1	-	13324
	F	-	-	-	5225	539	252	55	11	1	-	6083
Normal(T)	MF	-	-	-	4940	868	191	70	14	1	-	6084
	F	-	-	-	1640	334	66	22	7	-	-	2069
Secondary 4	MF	-	-	-	13	44577	4520	1762	377	69	7	51325
	F	-	-	-	6	21751	1996	869	152	28	5	24807
Express	MF	-	-	-	12	28331	2394	1055	193	25	1	32011
	F	-	-	-	5	14859	1177	577	84	15	-	16717
Normal(A)	MF	-	-	-	1	11002	1394	515	142	30	-	13084
	F	-	-	-	1	5134	561	231	55	9	-	5991
Normal(T)	MF	-	-	-	-	5244	732	192	42	14	6	6230
	F	-	-	-	-	1758	258	61	13	4	5	2099
Secondary 5*	MF	-	-	-	-	-	8170	993	251	66	17	9497
	F	-	-	-	-	-	3946	443	106	29	5	4529

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



7 JUNIOR COLLEGE / CENTRALISED INSTITUTE ENROLMENT BY AGE AND LEVEL, 2012

Level	Sex	Age (in years)							Total
		≤ 15	16	17	18	19	20	≥ 21	
Total	MF	8	13640	14447	3010	810	154	18	32087
	F	6	7468	7901	1647	406	76	7	17511
JC 1 / PU 1	MF	8	13627	2365	634	78	15	-	16727
	F	6	7464	1314	325	42	7	-	9158
JC 2 / PU 2	MF	-	13	12082	2190	631	99	8	15023
	F	-	4	6587	1195	297	48	3	8134
PU 3	MF	-	-	-	186	101	40	10	337
	F	-	-	-	127	67	21	4	219

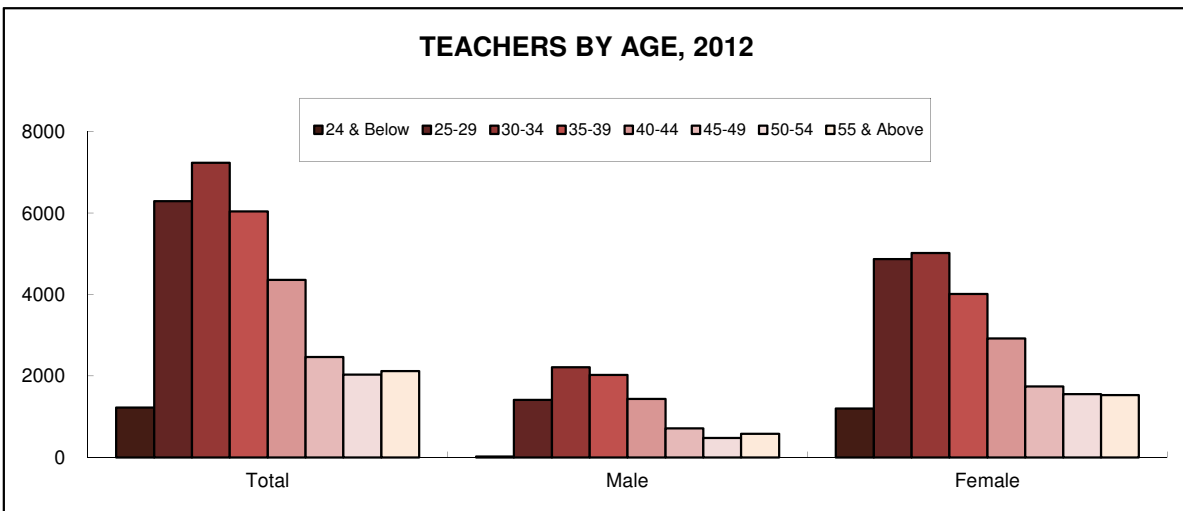
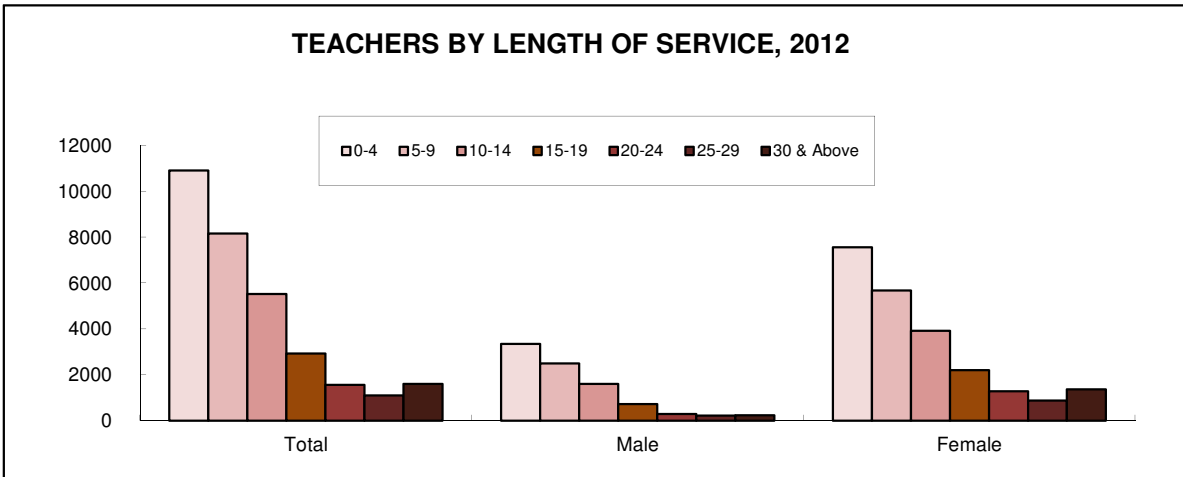
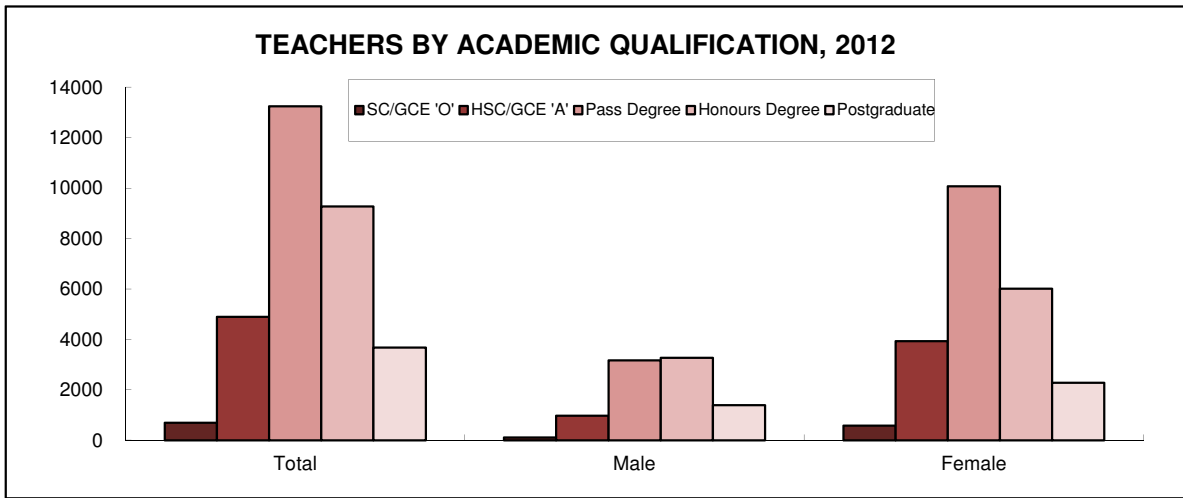
8 NUMBER OF SCHOOLS BY LEVEL AND ELECTORAL CONSTITUENCY, 2012

Electoral Constituency	Primary	Secondary	Mixed Level ¹	Junior College / Centralised Institute	Total
Group Representation Constituency					
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	5	2	1	15
Nee Soon	13	11	0	1	25
Pasir Ris-Punggol	17	12	0	1	30
Sembawang	12	11	0	1	24
Tampines	12	9	0	1	22
Tanjong Pagar	7	7	1	0	15
West Coast	7	10	3	1	21
Single-Seat Constituency					
Bukit Panjang	1	0	0	0	1
Hong Kah North	4	3	0	1	8
Hougang	1	1	0	1	3
Joo Chiat	3	2	1	0	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	3	2	0	0	5
Whampoa	1	0	0	0	1
Yuhua	2	1	0	0	3

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

9 ENROLMENT BY LEVEL AND ELECTORAL CONSTITUENCY, 2012

Electoral Constituency	Primary	Secondary	Junior College / Centralised Institute	Total
Group Representation Constituency				
Aljunied	12532	11057	1839	25428
Ang Mo Kio	16364	13397	2233	31994
Bishan-Toa Payoh	10955	9037	2030	22022
Chua Chu Kang	21104	18985	3061	43150
East Coast	12070	10053	1867	23990
Holland-Bukit Timah	10870	7848	1620	20338
Jurong	14338	11477	1665	27480
Marine Parade	14300	11441	1962	27703
Moulmein-Kallang	7652	6053	1304	15009
Nee Soon	17321	13129	1591	32041
Pasir Ris-Punggol	23617	18194	2504	44315
Sembawang	21459	18229	1785	41473
Tampines	13498	12478	1558	27534
Tanjong Pagar	10801	7516	1227	19544
West Coast	12726	9232	1689	23647
Single-Seat Constituency				
Bukit Panjang	3134	2788	349	6271
Hong Kah North	3404	2503	294	6201
Hougang	2320	1983	294	4597
Joo Chiat	2292	1819	724	4835
Mountbatten	2384	1727	530	4641
Pioneer	3286	2104	258	5648
Potong Pasir	1405	1154	500	3059
Punggol East	4099	3275	323	7697
Radin Mas	2138	1532	160	3830
Sengkang West	4242	2108	181	6531
Whampoa	1734	1330	194	3258
Yuhua	2084	1718	305	4107



10 TEACHERS' ACADEMIC QUALIFICATION, LENGTH OF SERVICE AND AGE BY LEVEL, 2012

	Primary		Secondary		Junior College / Centralised Institute		Total	
	Total	Female	Total	Female	Total	Female	Total	Female
Total	14309	11689	14574	9496	2908	1692	31791	22877
Academic Qualification								
GCE 'O' Level	533	474	154	103	2	0	689	577
GCE 'A' Level/Diploma	4170	3389	717	533	8	3	4895	3925
Pass Degree	5792	4886	6910	4846	552	348	13254	10080
Honours Degree	2753	2132	4817	2868	1711	1009	9281	6009
Masters Degree	1053	803	1932	1122	592	314	3577	2239
Ph D	8	5	44	24	43	18	95	47
Length of Service								
0 - 4	4377	3411	5504	3565	1031	590	10912	7566
5 - 9	3666	2912	3688	2296	814	469	8168	5677
10 - 14	2972	2433	2142	1281	404	206	5518	3920
15 - 19	1365	1179	1336	896	230	128	2931	2203
20 - 24	853	770	574	424	140	81	1567	1275
25 - 29	366	322	579	441	154	112	1099	875
30 & Above	710	662	751	593	135	106	1596	1361
Age								
24 & Below	593	579	580	571	56	52	1229	1202
25 - 29	2380	1974	3248	2446	664	456	6292	4876
30 - 34	3264	2612	3194	1977	783	436	7241	5025
35 - 39	2949	2322	2600	1445	496	248	6045	4015
40 - 44	2184	1745	1876	1053	301	125	4361	2923
45 - 49	1172	958	1094	674	199	113	2465	1745
50 - 54	874	749	968	677	196	132	2038	1558
55 & Above	893	750	1014	653	213	130	2120	1533

11 VICE-PRINCIPALS' ACADEMIC QUALIFICATION, LENGTH OF SERVICE AND AGE BY LEVEL, 2012

	Primary		Secondary		Junior College / Centralised Institute		Total	
	Total	Female	Total	Female	Total	Female	Total	Female
Total	269	177	316	165	36	18	621	360

Academic Qualification

GCE 'O'/'A' Level	17	12	1	0	0	0	18	12
Pass Degree	102	73	94	55	5	4	201	132
Honours Degree	47	27	92	43	11	6	150	76
Masters Degree	102	65	126	66	20	8	248	139
Ph D	1	0	3	1	0	0	4	1

Length of Service

0 - 9	14	4	31	13	10	3	55	20
10 - 14	75	41	86	27	11	5	172	73
15 - 19	72	43	82	42	5	3	159	88
20 - 24	49	43	32	19	4	2	85	64
25 - 29	32	23	52	37	5	4	89	64
30 & Above	27	23	33	27	1	1	61	51

Age

29 & below	0	0	0	0	0	0	0	0
30 - 34	6	4	17	11	7	3	30	18
35 - 39	66	41	74	31	12	5	152	77
40 - 44	91	50	94	39	7	4	192	93
45 - 49	52	40	43	25	5	2	100	67
50 - 54	39	30	63	42	4	3	106	75
55 & Above	15	12	25	17	1	1	41	30

12 PRINCIPALS' ACADEMIC QUALIFICATION, LENGTH OF SERVICE AND AGE BY LEVEL, 2012

	Primary		Secondary		Junior College / Centralised Institute		Total	
	Total	Female	Total	Female	Total	Female	Total	Female
Total	184	137	165	85	18	11	367	233
Academic Qualification								
GCE 'O' / 'A' Level	9	8	0	0	0	0	9	8
Pass Degree	60	46	31	21	2	0	93	67
Honours Degree	19	11	44	22	3	1	66	34
Masters Degree	96	72	88	42	12	10	196	124
Ph D	0	0	2	0	1	0	3	0
Length of Service								
0 - 9	1	1	3	0	0	0	4	1
10 - 14	15	4	28	9	0	0	43	13
15 - 19	36	23	36	14	1	0	73	37
20 - 24	44	38	26	16	0	0	70	54
25 - 29	41	28	38	26	7	4	86	58
30 & Above	47	43	34	20	10	7	91	70
Age								
29 & Below	0	0	0	0	0	0	0	0
30 - 34	0	0	0	0	0	0	0	0
35 - 39	11	7	23	11	0	0	34	18
40 - 44	48	32	39	14	1	0	88	46
45 - 49	37	30	28	16	2	2	67	48
50 - 54	53	37	48	31	8	4	109	72
55 & Above	35	31	27	13	7	5	69	49

1) Principal includes Principal Designate.

13 STATISTICS¹ ON PRIVATE EDUCATION INSTITUTIONS, 2012

Type of Institution	Number of Institutions	Enrolment					
		Full-Time		Part-Time		Total	
		Total	Female	Total	Female	Total	Female
Total	531	84374	41020	0	0	84374	41020
Islamic Religious School	6	3670	2369	-	-	3670	2369
Private Kindergarten	502	72991	35962	-	-	72991	35962
Privately Funded School	3	2164	941	-	-	2164	941
Special Education School	20	5549	1748	-	-	5549	1748

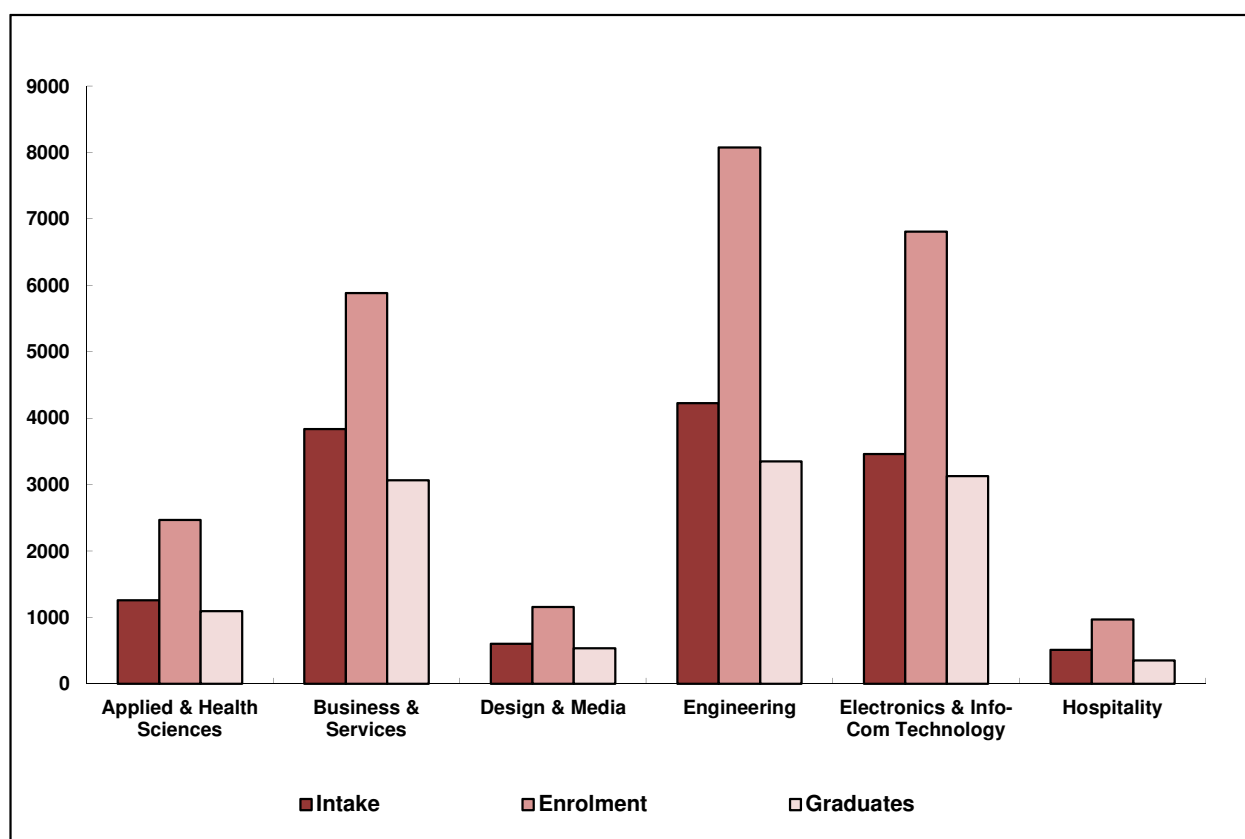
Type of Institution	Number of Institutions	Teaching Staff					
		Full-Time		Part-Time		Total	
		Total	Female	Total	Female	Total	Female
Total	531	5944	5492	32	27	5976	5519
Islamic Religious School	6	249	180	-	-	249	180
Private Kindergarten	502	4441	4415	-	-	4441	4415
Privately Funded School	3	197	105	26	22	223	127
Special Education School	20	1057	792	6	5	1063	797

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

**ITE, LASALLE, NAFA, POLYTECHNIC AND
UNIVERSITY EDUCATION, 2012**

14 INTAKE, ENROLMENT AND GRADUATES OF ITE BY COURSE (FULL-TIME), 2012

Courses	Intake		Enrolment		Graduates	
	Total	Female	Total	Female	Total	Female
Total	13906	5144	25370	9085	11530	4425
Applied & Health Sciences	1261	769	2469	1553	1097	702
Business & Services	3839	2372	5885	3623	3065	2024
Design & Media	604	288	1157	580	534	284
Engineering	4229	519	8078	1023	3352	448
Electronics & Info-Com Technology	3462	945	6810	1820	3130	793
Hospitality	511	251	971	486	352	174

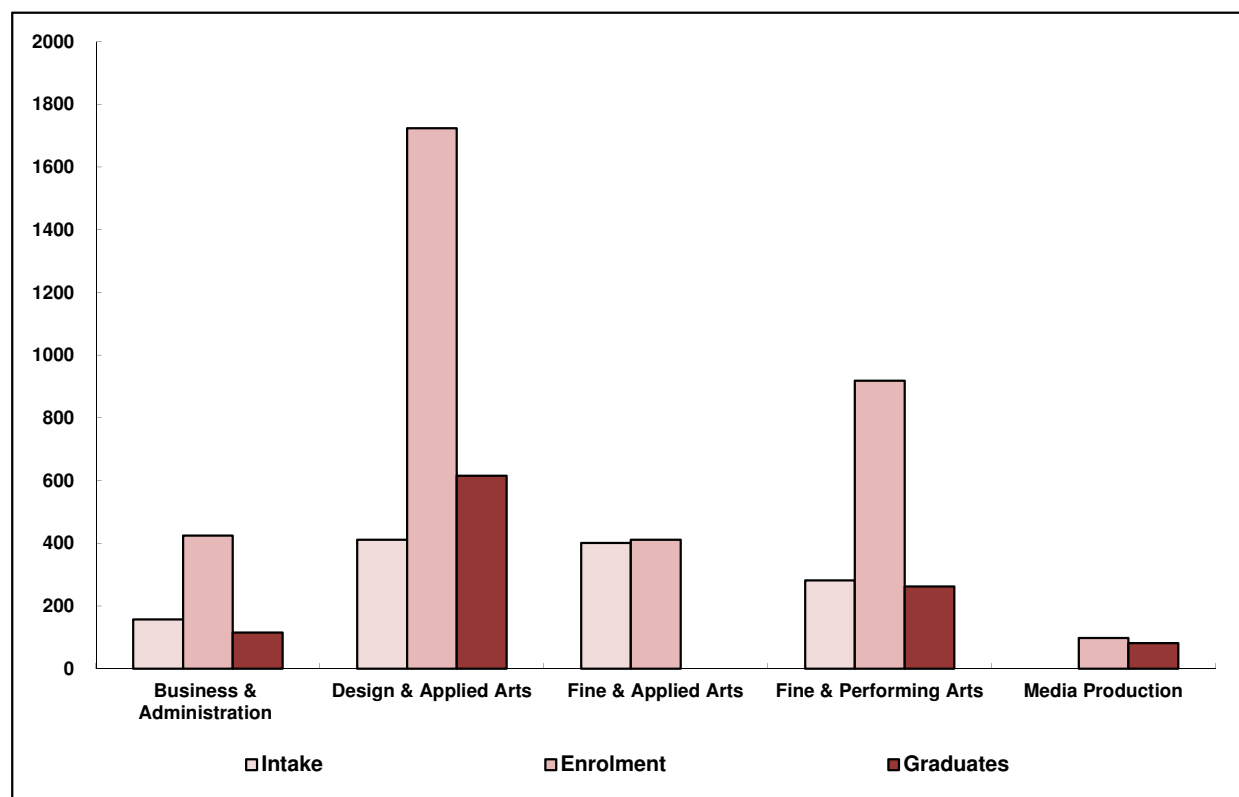


15 INTAKE, ENROLMENT AND GRADUATES OF LASALLE AND NAFA BY COURSE (FULL-TIME), 2012

Courses	Intake		Enrolment		Graduates	
	Total	Female	Total	Female	Total	Female
Total	1252	842	3578	2385	1075	706
Business & Administration	157	121	425	338	115	96
Design & Applied Arts	412	273	1724	1132	616	427
Fine & Applied Arts	401	265	412	274	0	0
Fine & Performing Arts	282	183	919	603	262	154
Media Production	0	0	98	38	82	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.

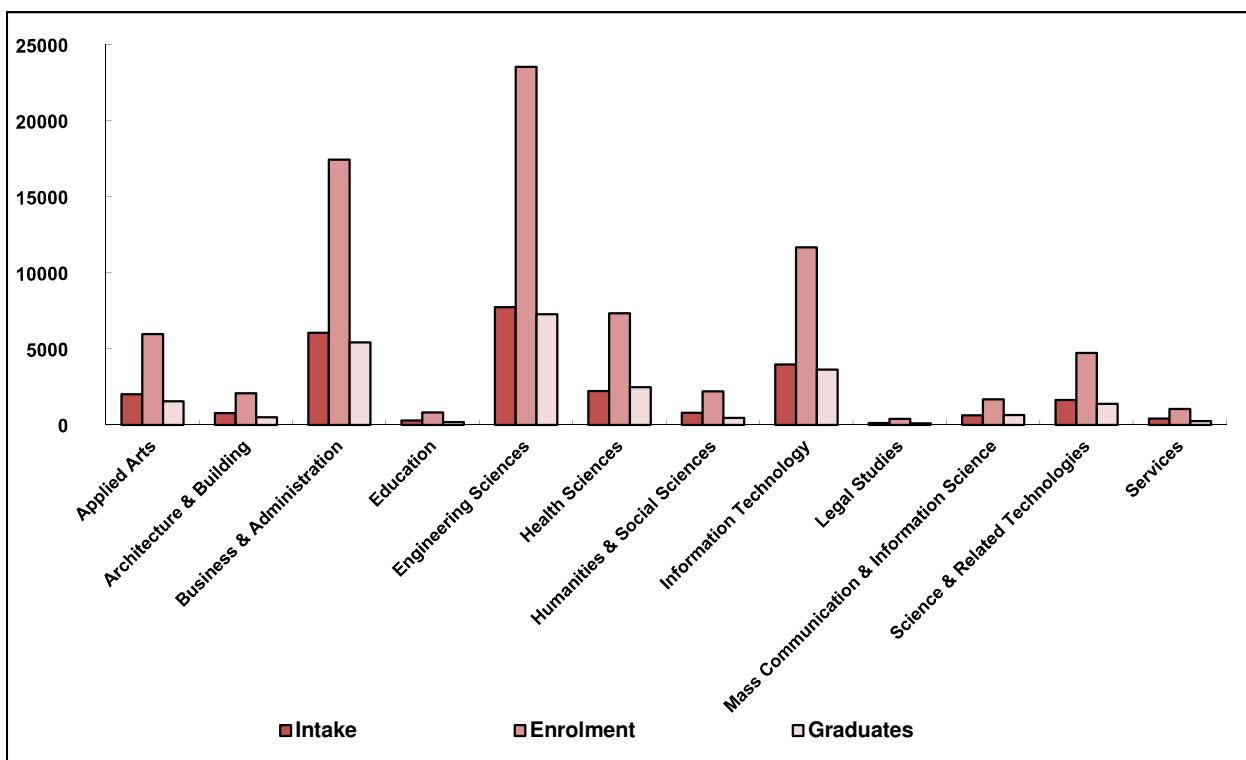


16 INTAKE, ENROLMENT AND GRADUATES OF POLYTECHNICS BY COURSE (FULL-TIME), 2012

Courses	Intake		Enrolment		Graduates	
	Total	Female	Total	Female	Total	Female
Total	26754	12877	79003	37750	23999	11764
Applied Arts	2024	1164	5983	3346	1559	855
Architecture & Building	779	423	2088	1185	512	271
Business & Administration	6066	3772	17449	10706	5422	3361
Education	294	275	821	768	196	180
Engineering Sciences	7741	1753	23537	5301	7291	1815
Health Sciences	2243	1675	7338	5515	2478	1923
Humanities & Social Sciences	801	461	2214	1248	477	289
Information Technology	3976	1559	11677	4797	3642	1580
Legal Studies	139	79	414	232	114	75
Mass Communication & Information Science	628	459	1695	1182	653	452
Science & Related Technologies	1639	1050	4735	2971	1391	845
Services	424	207	1052	499	264	118

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

2) Intake includes direct entry to second year.

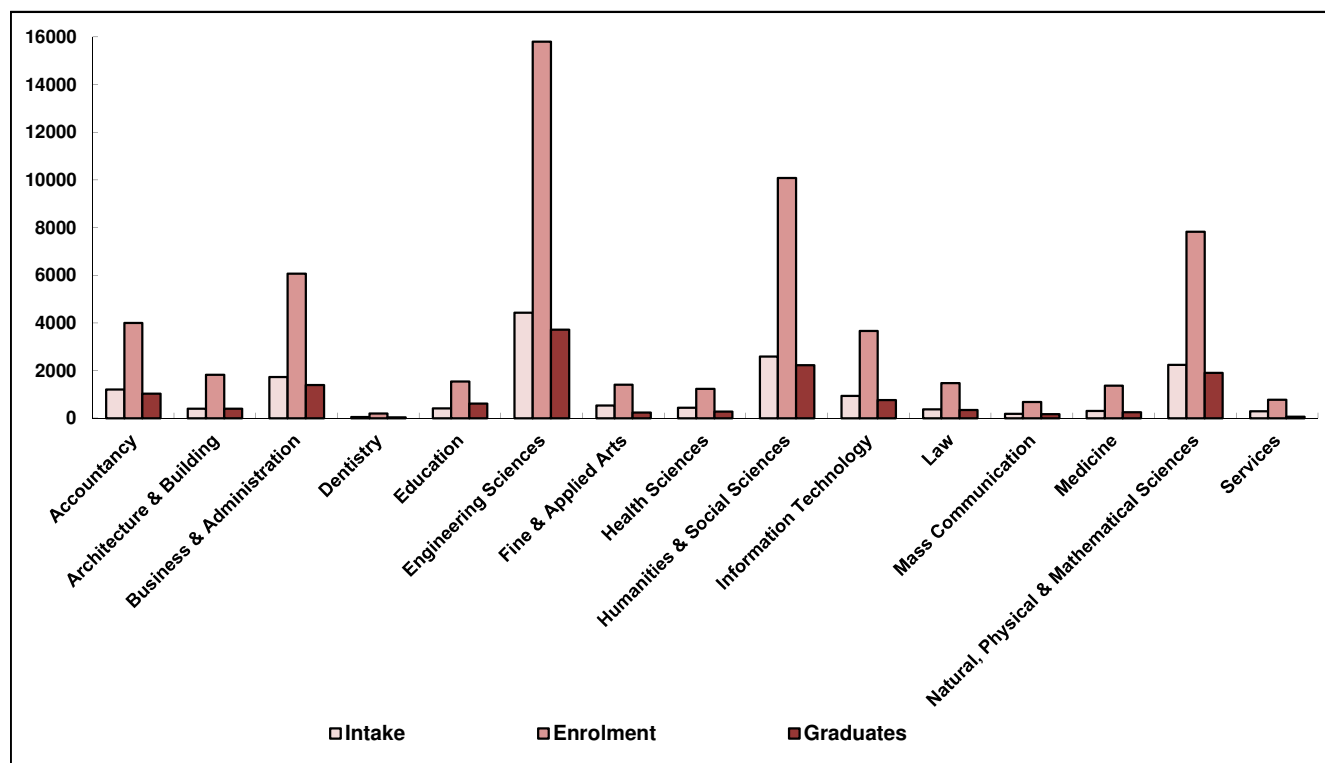


17 INTAKE, ENROLMENT AND GRADUATES OF UNIVERSITIES BY COURSE (FULL-TIME), 2012

Courses	Intake		Enrolment		Graduates	
	Total	Female	Total	Female	Total	Female
Total	16145	8390	57989	29419	13456	6997
Accountancy	1213	682	4001	2316	1036	589
Architecture & Building	395	216	1829	1119	396	241
Business & Administration	1732	989	6073	3368	1397	825
Dentistry	53	30	201	120	42	21
Education	418	345	1539	1131	614	503
Engineering Sciences	4434	1341	15817	4712	3714	1116
Fine & Applied Arts	529	282	1404	749	241	139
Health Sciences	444	356	1240	902	279	218
Humanities & Social Sciences	2596	1758	10087	6760	2231	1494
Information Technology	938	344	3661	1219	764	280
Law	374	191	1474	717	347	207
Mass Communication	180	143	678	494	170	133
Medicine	300	157	1374	679	252	123
Natural, Physical & Mathematical Sciences	2245	1383	7832	4588	1911	1074
Services	294	173	779	545	62	34

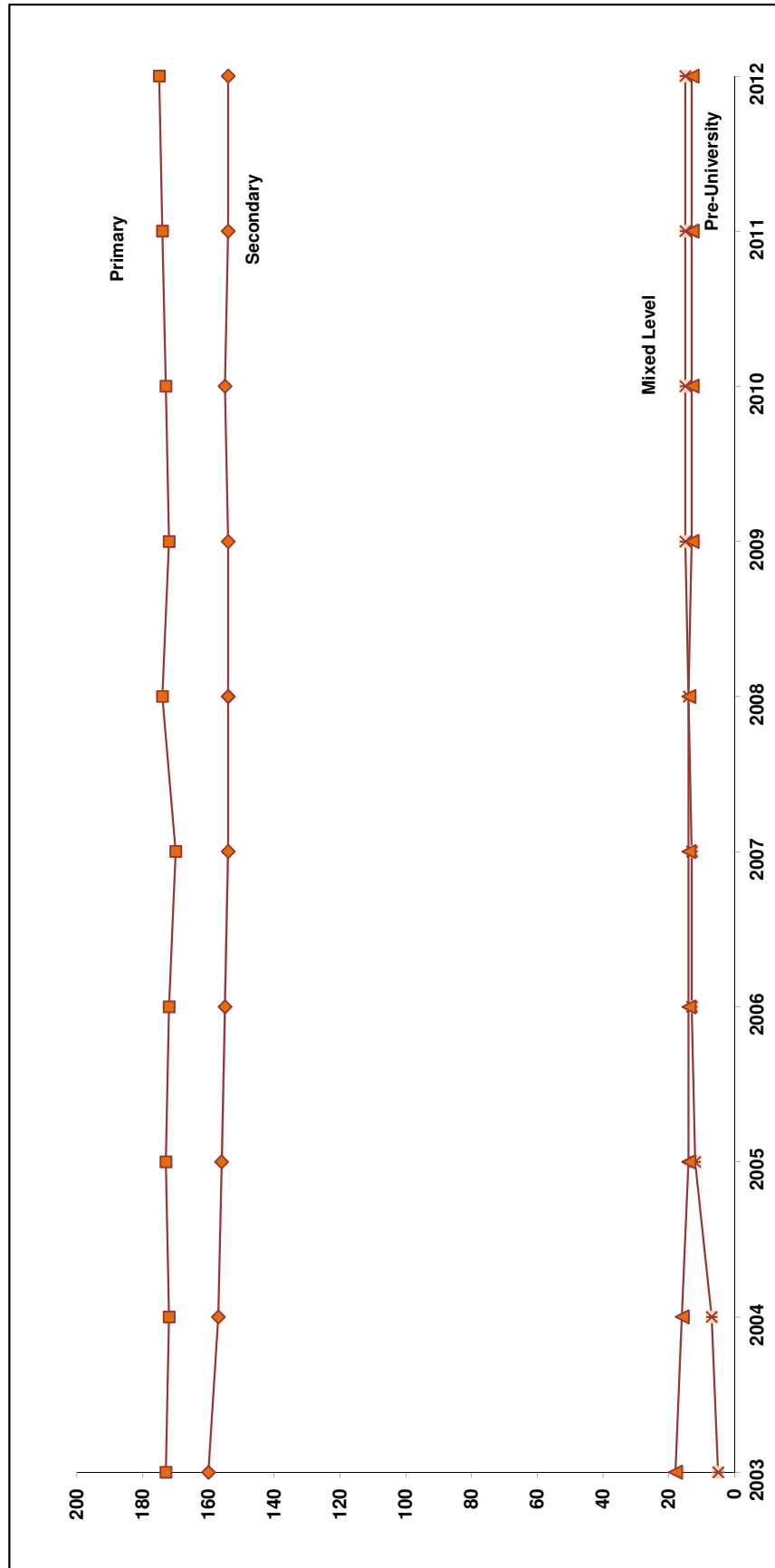
Note: 1) Intake, Enrolment and Graduates figures refer to 1st degree only.

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

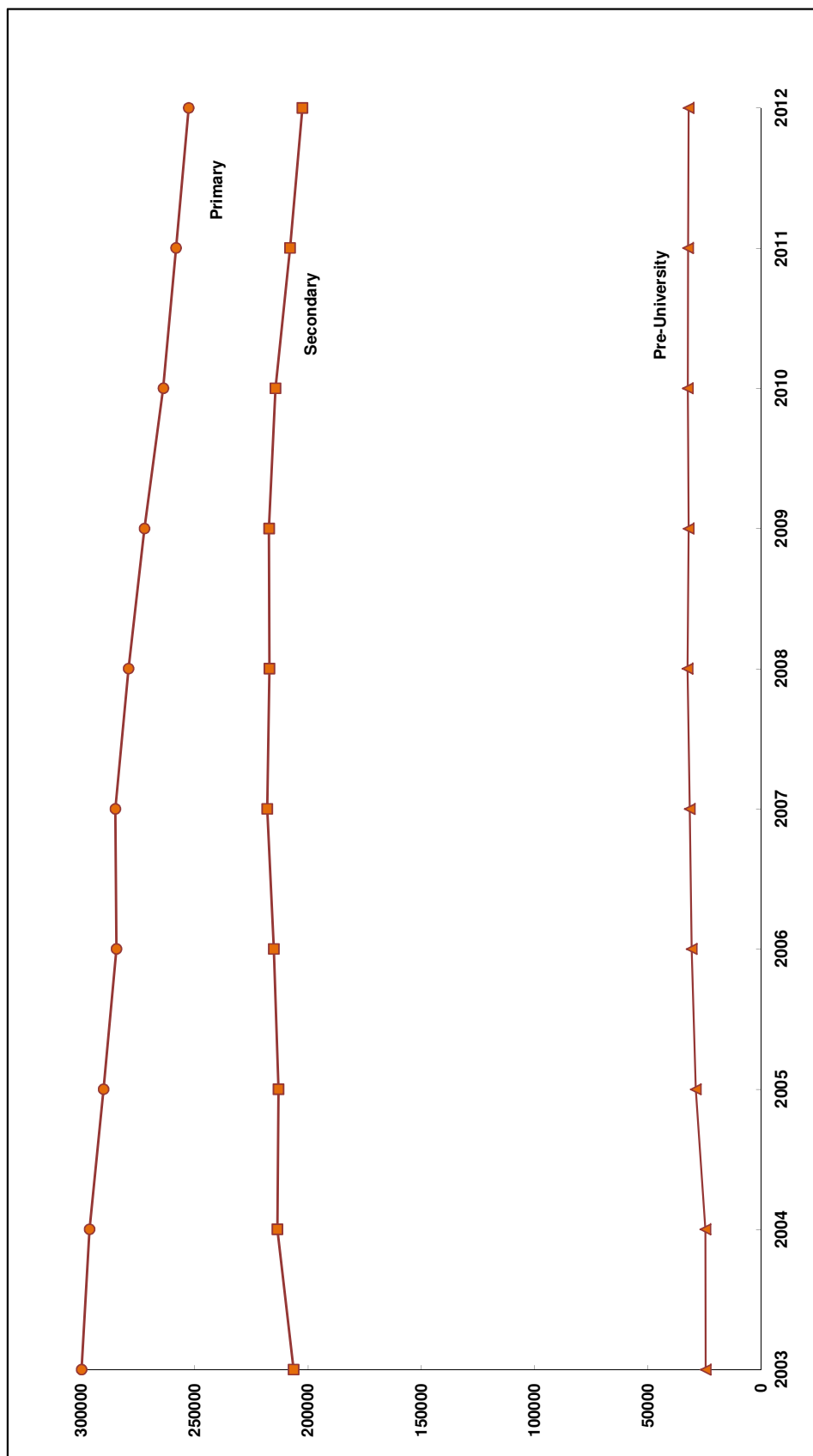


STATISTICAL SERIES

NUMBER OF SCHOOLS BY LEVEL



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
	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	216993
2000	MF	223272	82433	305705	110154	27902	25262	12087	175405	16452	8352	-	-	24804	505914
	F	106443	40964	147407	50805	13659	14075	5315	83854	9141	4365	-	-	13506	244767
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	24681	534634
	F	103011	39925	142936	64585	11416	21378	5757	103136	9110	3143	-	917	13170	259242
2005	MF	210836	79425	290261	136118	26875	36677	13393	213063	18160	6883	-	3858	28901	532225
	F	100211	39716	139927	63470	11587	21938	5820	102815	9872	3706	-	1964	15542	258284
2006	MF	206123	78477	284600	136047	27240	38053	13757	215097	18933	7067	-	4726	30726	530423
	F	97689	39273	136962	63348	11762	22915	5941	103966	10428	3794	-	2312	16534	257462
2007	MF	206678	78370	285048	137626	27471	38270	14695	218062	19095	6949	128	5455	31627	534737
	F	97710	39299	137009	64094	11765	23005	6270	105134	10608	3888	93	2557	17146	259289
2008	MF	202547	76725	279272	158328	43490	13225	1367	217081	19845	6947	5611	176	32579	528932
	F	95763	38643	134406	76170	21856	5796	631	104665	11162	3864	2639	84	17749	256820
2009	MF	196830	75424	272254	157904	43367	13309	1567	217230	19478	6712	5657	263	32110	521594
	F	93145	38181	131326	75849	21814	5850	752	104626	11152	3653	2668	96	17569	253521
2010	MF	189999	73907	263906	155033	42934	13260	1953	214388	19440	6877	5717	386	32420	510714
	F	90030	37507	127537	74437	21661	5824	945	103279	11100	3816	2717	136	17769	248585
2011	MF	185451	72842	258293	148912	42412	13118	2212	207974	19138	6821	5824	513	32296	498563
	F	87858	36953	124811	71537	21546	5789	1024	100346	10802	3742	2782	239	17565	242722
2012	MF	180829	71906	252735	143943	41620	13024	2465	202520	19035	6618	5811	623	32087	487342
	F	85837	36617	122454	69240	21119	5723	1119	97723	10834	3536	2809	332	17511	237688

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 ²
	F	18803	19789	19787	17773	1001	563	16384	2178	584	16324	1689	726	122184
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
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
2004	MF	47256	48905	49035	49929	-	-	Merged stream ³			Merged stream ³			296419
	F	22778	23514	23579	24160	-	-	47210	23259	3189	45402	5493	1910	142936
2005	MF	43492	47348	49070	49217	-	-	46525	3485	3485	45667	5457	1909	290261
	F	21009	22848	23604	23646	-	-	22950	1250	1250	22711	1909	139927	139927
2006	MF	43914	43652	47697	49368	-	-	46198	3116	3116	45100	5555	1974	284600
	F	21016	21080	23017	23751	-	-	22579	1112	1112	22433	1845	136962	136962
2007	MF	47964	44370	44502	48345	-	-	46618	3166	3166	44834	5249	1845	285048
	F	23018	21250	21492	23326	-	-	22866	1072	1072	22140	1845	137009	137009
2008	MF	42880	47994	45019	44926	-	-	48307	-	-	44756	5390	1893	279272
	F	20678	23022	21597	21716	-	-	23307	-	-	22193	1893	134406	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

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 ¹	Normal (Acad)	Normal (Tech)	Total	Special	Express ¹	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
2003	MF	4565	28286	12534	6599	51984	4408	26029	11747	7151	49335	5137	28325	13572	7574	54608
	F	2473	14450	5814	2311	25048	2372	13223	5447	2661	23703	2769	14578	6000	2905	26252
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

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

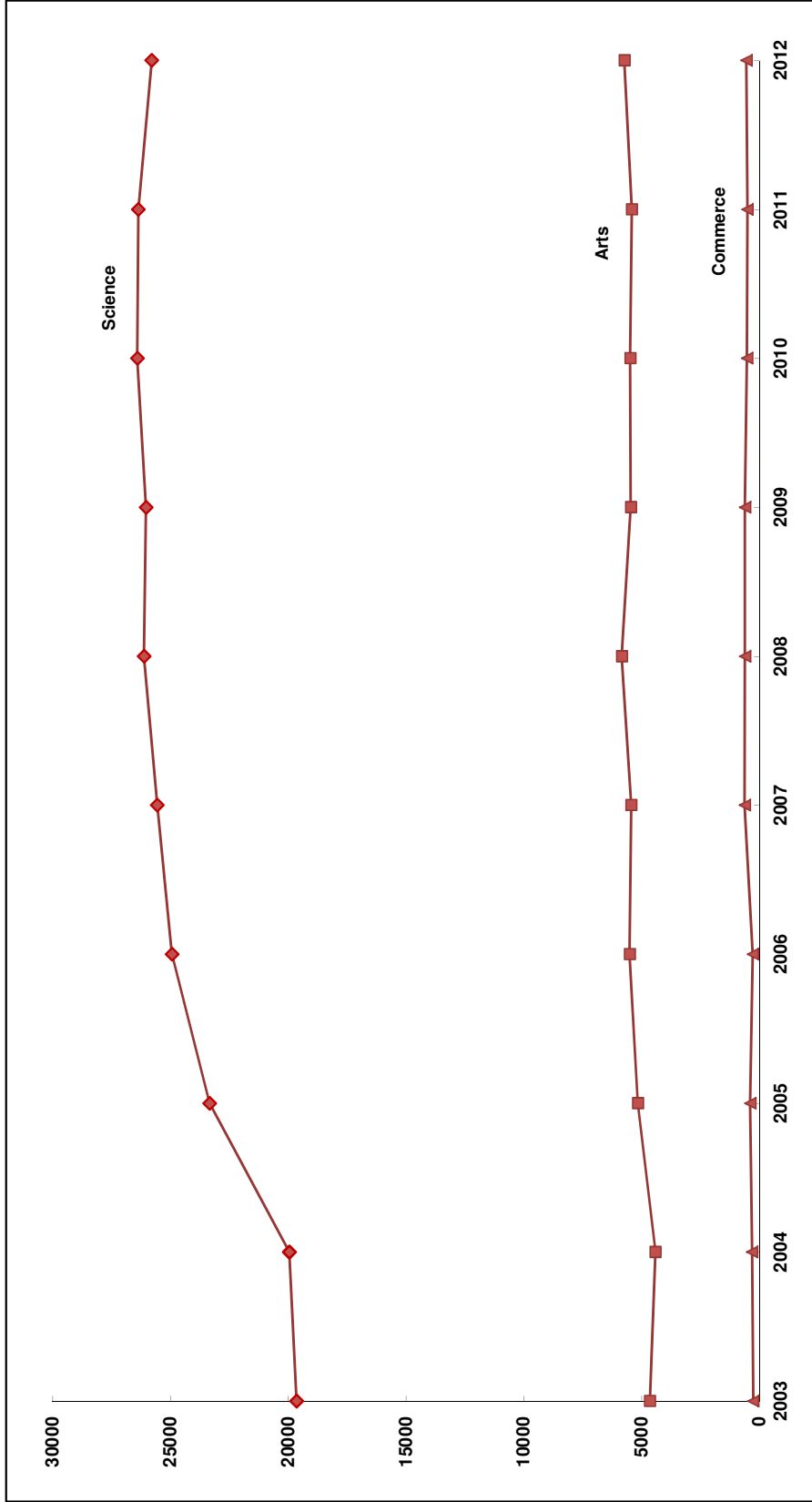
21.2 SECONDARY ENROLMENT BY LEVEL AND COURSE

Year	Sex	Secondary 4				Sec 5	Total				Grand Total		
		Special	Express	Normal (Acad)	Normal (Tech)		Total	Normal (Acad)	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	-	-	152285	-	-	155533
	F	-	16856	-	-	-	16856	-	-	76990	-	-	78768
1990	MF	2167	23733	13197	-	11551	39097	11551	9027	87685	63830	-	160542
	F	1071	11890	6249	-	5662	19210	5662	4430	43821	30180	-	78431
2000	MF	4100	21299	10058	5654	7406	41111	7406	16377	86396	47400	25232	175405
	F	2239	10797	4457	2110	3373	19603	3373	8737	43577	21525	10015	83854
2003	MF	3955	22140	10610	6502	7292	43207	7292	18065	104780	55755	27826	206426
	F	2241	11232	4890	2591	3411	20954	3411	9855	53483	25562	10468	99368
2004	MF	4688	27285	12636	7239	8094	51848	8094	18563	108680	58524	27767	213534
	F	2613	14170	5665	2760	3942	25208	3942	10315	55843	26663	10315	103136
2005	MF	4370	25542	12014	6536	9605	48462	9605	18489	107317	60773	26484	213063
	F	2433	13031	5412	2433	4535	23309	4535	10394	55064	27696	9661	102815
2006	MF	4764	27503	13377	5819	9028	51463	9028	18497	108764	61572	26264	215097
	F	2670	14358	5992	1998	4289	25018	4289	10403	56036	28026	9501	103966
2007	MF	4894	26771	13072	6788	10164	51525	10164	18227	109496	62885	27454	218062
	F	2821	13840	5819	2503	4781	24983	4781	10245	56214	28685	9990	105134
2008	MF	4629	26648	13333	6309	9561	50919	9561	13536	113758	63065	26722	217081
	F	2647	13795	5994	2239	4604	24675	4604	7570	58747	28903	9445	104665
2009	MF	4535	27488	13479	6684	9478	52186	9478	9161	118414	62823	26832	217230
	F	2468	14378	6052	2410	4538	25308	4538	5040	61401	28758	9427	104626
2010	MF	4053	28356	13003	6661	9532	52073	9532	4053	122370	61955	26010	214388
	F	2498	14509	5931	2353	4467	25291	4467	2498	63296	28540	8945	103279
2011	MF	-	31984	13307	5972	9181	51263	9181	-	122811	60385	24778	207974
	F	-	16760	6016	1960	4412	24736	4412	-	63815	28038	8493	100346
2012	MF	-	32011	13084	6230	9497	51325	9497	-	118729	59578	24213	202520
	F	-	16717	5991	2099	4529	24807	4529	-	61405	27790	8528	97723

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
2003	MF	11539	12169	23708	339	289	223	851	-	-	-	-	24559
2004	F	6121	6557	12678	202	177	149	528	-	-	-	-	13206
	MF	12991	10721	23712	444	279	246	969	-	-	-	-	24681
2005	F	6893	5673	12566	289	161	154	604	-	-	-	-	13170
	MF	15616	12124	27740	557	375	229	1161	-	-	-	-	28901
2006	F	8350	6434	14784	371	252	135	758	-	-	-	-	15542
	MF	14633	14821	29454	511	437	324	1272	-	-	-	-	30726
2007	F	7760	7945	15705	323	290	216	829	-	-	-	-	16534
	MF	16435	13664	30099	721	416	391	1528	-	-	-	-	31627
2008	F	8863	7304	16167	450	264	265	979	-	-	-	-	17146
	MF	16148	14864	31012	688	559	320	1567	-	-	-	-	32579
2009	F	8712	8023	16735	451	356	207	1014	-	-	-	-	17749
	MF	16121	14547	30668	618	467	357	1442	-	-	-	-	32110
2010	F	8810	7837	16647	391	303	228	922	-	-	-	-	17569
	MF	16327	14724	31051	571	441	357	1369	-	-	-	-	32420
2011	F	8836	8030	16866	385	283	235	903	-	-	-	-	17769
	MF	16195	14771	30966	551	432	347	1330	-	-	-	-	32296
2012	F	8742	7952	16694	361	276	234	871	-	-	-	-	17565
	MF	16155	14659	30814	572	364	337	1273	-	-	-	-	32087
	F	8801	7894	16695	357	240	219	816	-	-	-	-	17511

PRE-UNIVERSITY ENROLMENT BY COURSE



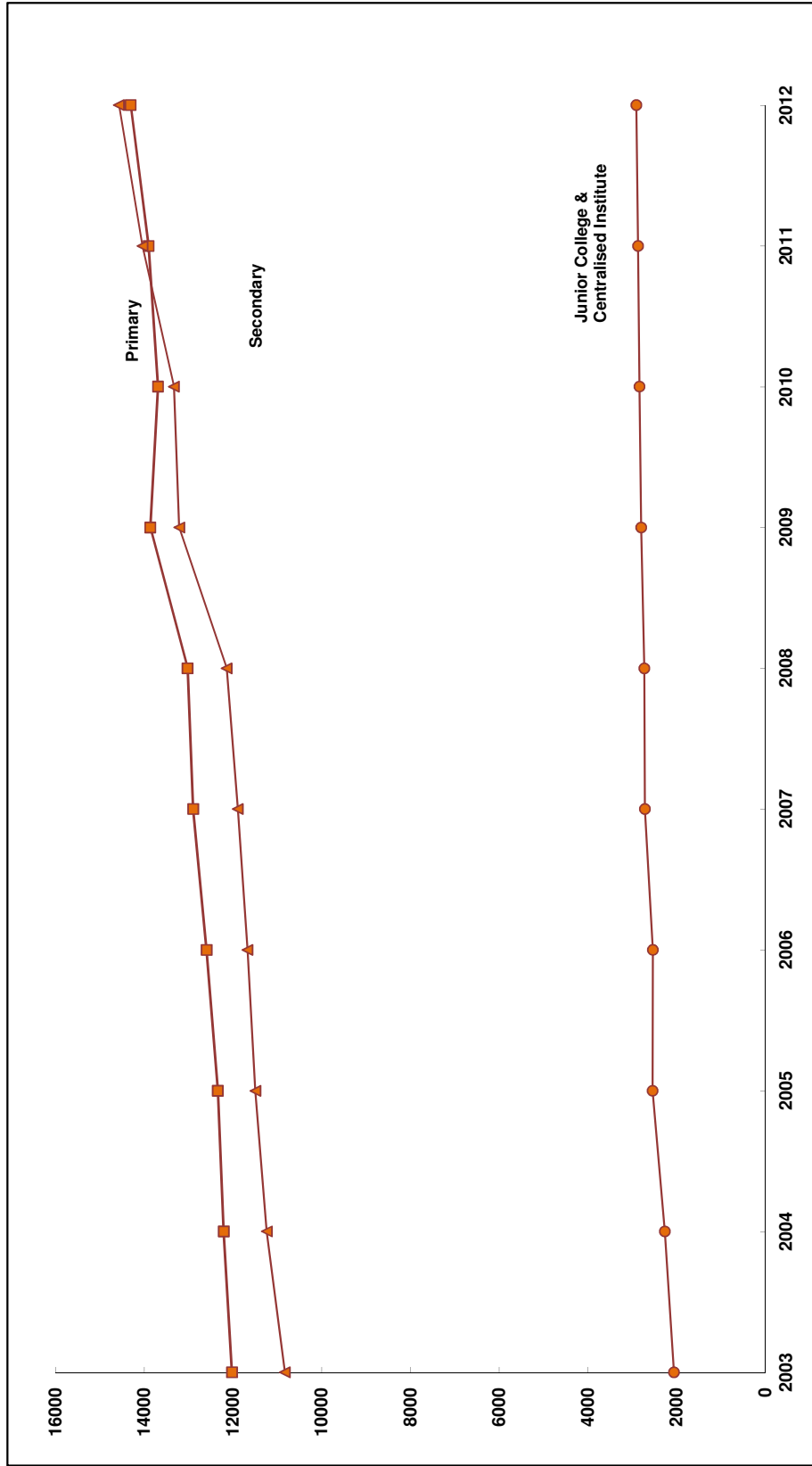
23 PRE-UNIVERSITY ENROLMENT BY COURSE AND LEVEL

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	1210	683	-	16272
	F	903	889	521	695	-	1355	1456	995	496	-	9618
1990	MF	1992	2056	351	416	575	6370	6593	2685	1707	1567	29214
	F	1408	1489	253	269	367	2464	2504	1951	1208	1061	16378
2000	MF	2442	1904	138	103	81	9355	8262	-	1737	161	24804
	F	1757	1392	87	69	55	4529	3928	120	144	118	13506
2003	MF	2015	2314	124	122	75	9524	9855	-	90	92	24559
	F	1337	1627	71	83	51	4784	4930	-	59	58	13206
2004	MF	2220	1885	145	87	81	10771	8836	-	123	89	24681
	F	1504	1249	101	48	51	5389	4424	-	84	55	13170
2005	MF	2776	2058	142	96	92	12840	10066	-	199	131	28901
	F	1966	1404	102	66	53	6384	5030	-	141	94	15542
2006	MF	2452	2559	183	188	126	12181	12262	-	141	73	30726
	F	1653	1837	132	129	87	6107	6108	-	92	57	16534
2007	MF	2876	2195	196	87	89	13559	11469	-	278	189	31627
	F	1940	1500	132	71	66	6923	5804	-	175	122	17146
2008	MF	2840	2560	193	163	86	13308	12304	-	290	199	32579
	F	1893	1750	142	119	68	6819	6273	-	182	127	17749
2009	MF	2682	2428	147	89	114	13439	12119	-	235	248	32110
	F	1816	1631	108	66	83	6994	6206	-	154	154	17569
2010	MF	2733	2400	164	127	63	13594	12324	-	184	146	32420
	F	1835	1641	123	92	49	7001	6389	-	131	98	17769
2011	MF	2769	2331	126	106	89	13426	12440	-	229	144	32296
	F	1879	1582	96	69	70	6863	6370	-	158	102	17565
2012	MF	3025	2451	101	68	87	13130	12208	-	288	150	32087
	F	2069	1681	76	56	58	6732	6213	-	181	104	17511

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

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

NUMBER OF TEACHERS BY LEVEL

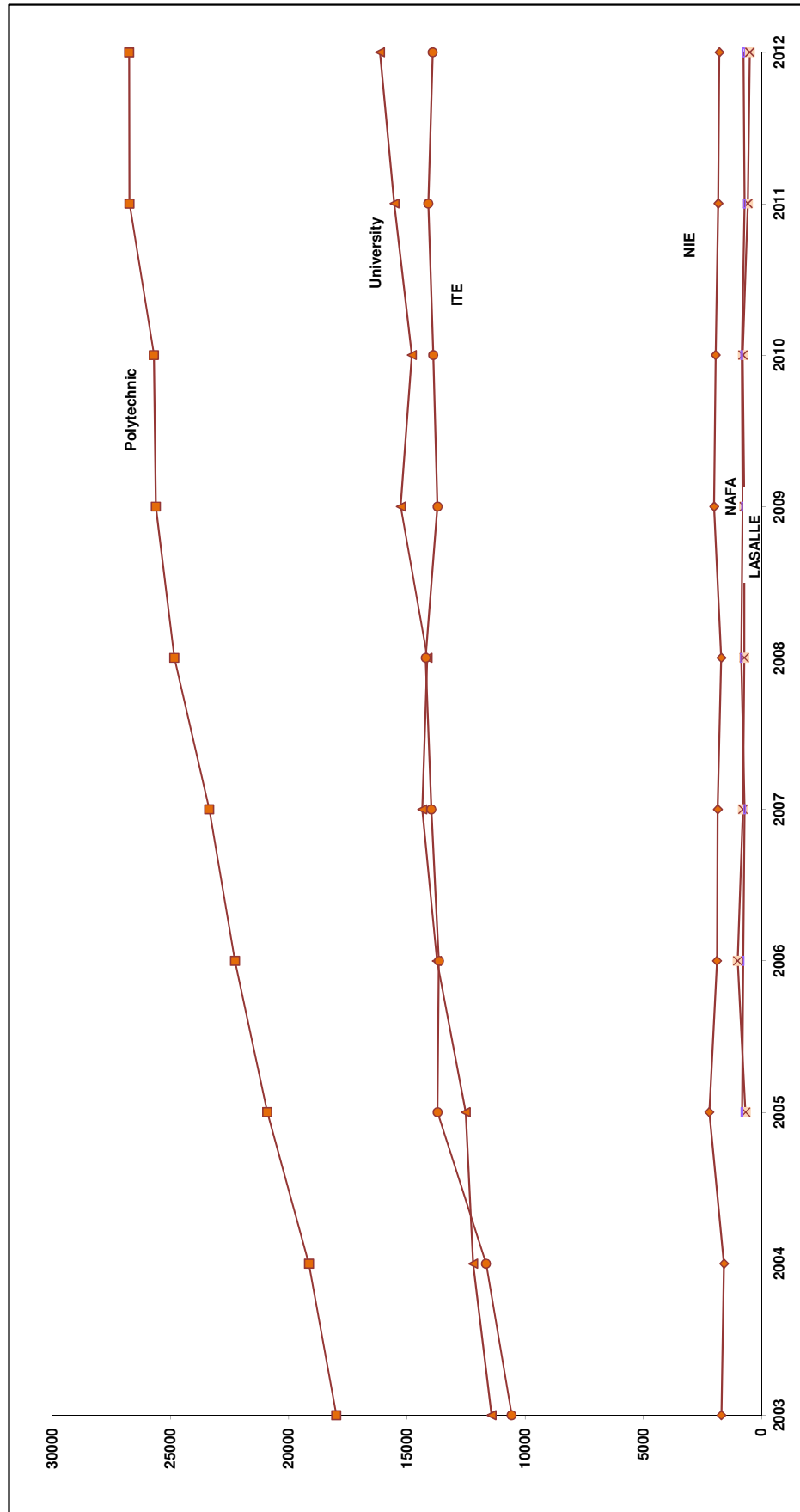


24 NUMBER OF TEACHERS BY LEVEL AND SCHOOL TYPE

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
1970	F	1944	2377	4321	248	426	-	-	674	-	-	-	-	-	4995
	MF	8044	4172	12216	4847	1598	-	-	6445	x	-	-	-	-	18661
1980	F	5485	2569	8054	2155	776	-	-	2931	x	-	-	-	-	10985
	MF	7244	2837	10081	5605	2234	-	-	7839	x	x	-	-	-	17920
1990	F	4834	1908	6742	3013	1304	-	-	4317	x	-	-	-	-	11059
	MF	7848	2158	10006	5660	1533	-	393	7586	1038	502	-	-	1540	19132
2000	F	5560	1673	7233	3395	1047	-	269	4711	661	323	-	-	984	12928
	MF	8659	3264	11923	5791	1559	1026	756	9132	1245	640	-	-	1885	22940
2003	F	6822	2767	9589	3650	1068	722	545	5985	730	376	-	-	1106	16680
	MF	8757	3268	12025	6935	1368	1676	851	10830	1414	645	-	-	2059	24914
2004	F	7147	2804	9951	4517	902	1167	600	7186	798	382	-	-	1180	18317
	MF	8884	3325	12209	7123	1332	1860	925	11240	1602	535	-	130	2267	25716
2005	F	7292	2859	10151	4651	873	1326	636	7486	923	329	-	77	1329	18966
	MF	8959	3384	12343	7238	1376	1905	976	11495	1644	581	-	319	2544	26382
2006	F	7349	2894	10243	4744	892	1366	665	7667	947	344	-	178	1469	19379
	MF	9080	3517	12597	7220	1425	2042	985	11672	1597	586	-	352	2535	26804
2007	F	7446	2997	10443	4750	923	1461	653	7787	926	349	-	202	1477	19707
	MF	9284	3613	12897	7239	1473	2154	1026	11892	1665	576	x	475	2716	27505
2008	F	7589	3061	10650	4744	955	1504	672	7875	963	349	x	248	1560	20085
2008	MF	9434	3589	13023	8586	2404	1009	105	12143	1658	564	506	-	2728	27894
	F	7694	3011	10705	5628	1641	673	58	8015	962	330	272	-	1564	20284
2009	MF	10066	3798	13864	9378	2561	1080	140	13214	1707	570	520	-	2797	29875
	F	8200	3205	11405	6200	1735	712	80	8749	1002	331	286	-	1619	21773
2010	MF	9892	3801	13693	9496	2515	1078	185	13332	1714	600	523	-	2837	29862
	F	8012	3219	11231	6219	1722	699	109	8772	995	348	284	-	1627	21630
2011	MF	9936	3967	13903	9859	2716	1064	259	14043	1730	616	523	-	2869	30815
	F	8011	3341	11352	6429	1836	701	153	9173	1005	355	288	-	1648	22173
2012	MF	10219	4090	14309	10181	2821	1100	309	14574	1756	618	534	-	2908	31791
	F	8243	3446	11689	6631	1896	727	180	9496	1033	359	300	-	1692	22877

- 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 ¹						National Institute of Education ²	Polytechnics ³					LASALLE ⁴	NAFA ⁵	Institute of Technical Education ⁶
		National University of Singapore	Nanyang University	Nanyang Technological University	Singapore Management University	Singapore Institute of Technology	Singapore University of Technology & Design		S'pore	Ngee Ann	Temasek	Nanyang	Republic	Total		
1960	MF	532	651	-	-	-	-	1183	874	-	-	-	-	874	-	-
	F	189	137	-	-	-	-	326	51	-	-	-	-	51	-	-
1970	MF	1390	685	-	-	-	-	2075	1617	302	-	-	-	1919	-	3348
	F	530	366	-	-	-	-	896	109	74	-	-	-	183	-	246
1980	MF	3002	-	-	-	-	-	3002	3479	1112	-	-	-	4591	-	3145
	F	1524	-	-	-	-	-	1524	736	379	-	-	-	1115	-	230
1990	MF	5053	-	1875	-	-	-	6928	4336	4453	735	-	-	9524	-	9221
	F	2430	-	1046	-	-	-	3476	1553	1902	552	-	-	4007	-	3352
2000	MF	6421	-	4506	305	-	-	11232	4446	4673	4519	3881	-	17519	-	9772
	F	3437	-	2113	212	-	-	5762	1843	2236	2244	1985	-	8308	-	3248
2003	MF	6245	-	4350	824	-	-	11419	4347	4358	3878	4590	821	17994	-	10566
	F	3413	-	1854	512	-	-	5779	1678	2109	1936	2594	377	8694	-	3732
2004	MF	5722	-	5377	1095	-	-	12194	4410	4443	4140	5020	1134	19147	-	11650
	F	2955	-	2555	712	-	-	6222	1676	2057	2043	2811	517	9104	-	4222
2005	MF	6095	-	5206	1207	-	-	12508	4545	4801	4775	4993	1792	20906	678	13705
	F	3122	-	2663	586	-	-	6371	1725	2363	2510	2590	948	10136	400	5139
2006	MF	6631	-	5746	1356	-	-	13733	4746	4949	5009	4952	2620	22276	1008	13645
	F	3618	-	2735	610	-	-	6963	1719	2336	2448	2511	1380	10394	603	5035
2007	MF	6554	-	6196	1603	-	-	14353	5006	4817	4833	4965	3741	23362	790	13967
	F	3710	-	3201	896	-	-	7807	1804	2355	2399	2683	1947	11188	540	5064
2008	MF	6432	-	6033	1670	-	-	14135	5193	5278	5023	5279	4065	24838	728	14205
	F	3389	-	3039	952	-	-	7380	2069	2578	2489	2700	2117	11953	460	5318
2009	MF	6775	-	6719	1770	-	-	15264	5289	5300	5080	5338	4617	25624	727	13705
	F	3426	-	3379	889	-	-	7694	2152	2572	2545	2782	2447	12498	455	5314
2010	MF	6568	-	6132	1686	-	-	14792	5429	5387	5067	5482	4342	25707	795	13886
	F	3405	-	2951	823	-	-	7385	2260	2573	2604	2933	2292	12662	530	5248
2011	MF	6724	-	6177	1729	-	-	15530	5348	5466	5377	5538	5008	26737	580	14098
	F	3566	-	3026	869	-	-	7909	2115	2643	2666	2797	2580	12801	341	5484
2012	MF	6733	-	5905	1930	-	-	16145	5407	5561	5370	5116	5300	26754	495	13906
	F	3545	-	3028	1121	-	-	8390	2094	2682	2652	2615	2834	12877	312	5144

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.

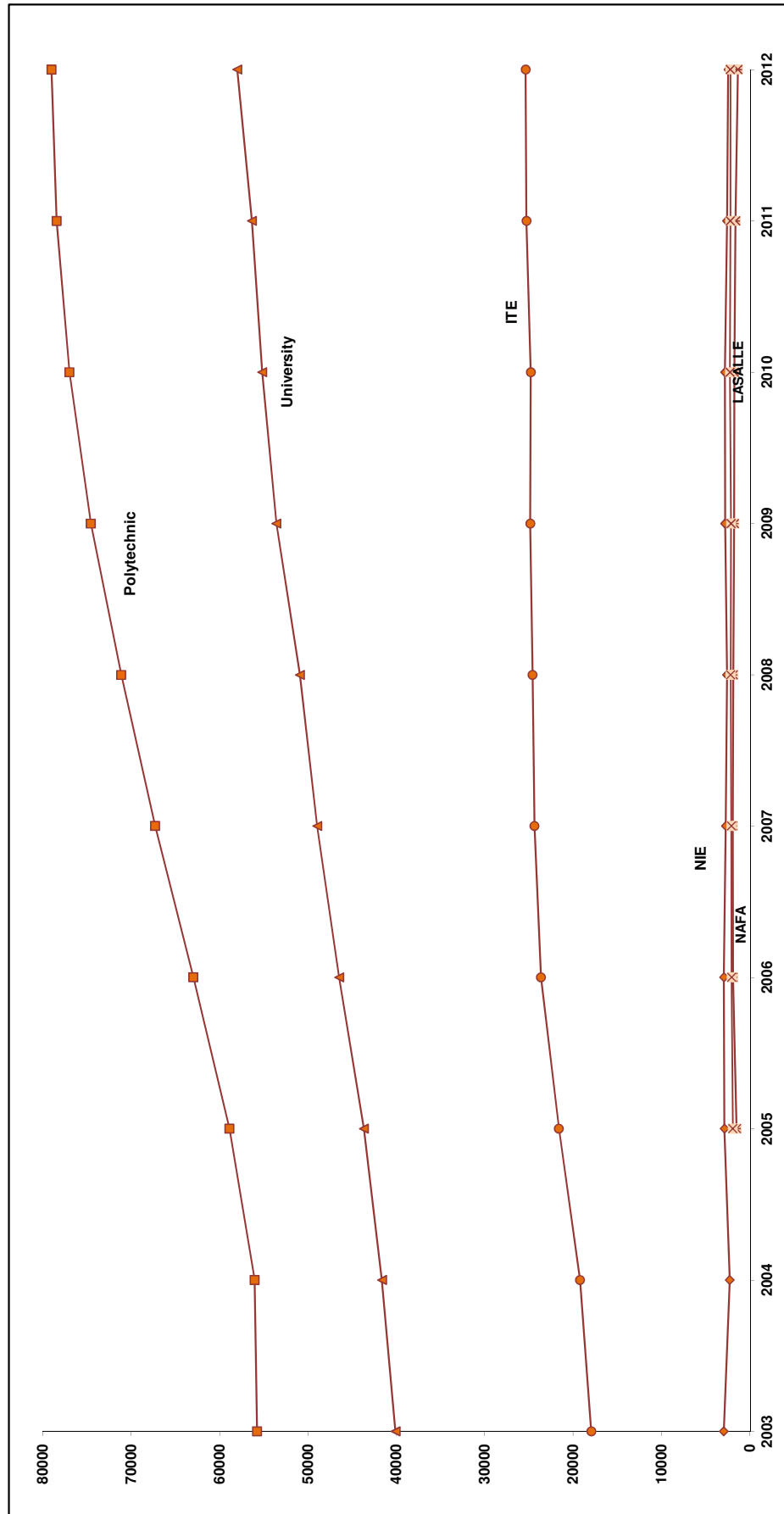
4) Figures for LASALLE College of the Arts are for full-time diploma courses only.

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 ¹						National Institute of Education ²	Polytechnics ³					LASALLE ⁴	NAFA ⁵	Institute of Technical Education ⁶
		National University of Singapore	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	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	-	-	-	-	22005	1577	11348	11995	735	-	-	24078	-	15919
	F	8107	-	-	-	-	10796	1212	3878	4817	552	-	-	9247	-	5304
2000	MF	21233	-	305	-	-	36121	3072	13459	14378	12733	11463	-	52033	-	15974
	F	11341	-	212	-	-	17776	2247	5408	6419	6446	5989	-	24262	-	4343
2003	MF	22149	-	15764	-	-	40095	2953	14371	13690	13117	13754	821	55753	-	17941
	F	11036	-	1469	-	-	19335	2080	5562	6534	6462	7456	377	26391	-	5615
2004	MF	21781	-	16837	-	-	41628	2282	13709	13417	12782	14233	1907	56048	-	19207
	F	11372	-	7469	-	-	20832	1550	5233	6347	6302	7875	865	26622	-	6076
2005	MF	22105	-	17777	-	-	43663	2881	13353	13715	13582	14643	3587	58880	1933	21603
	F	11326	-	8094	-	-	21659	1940	5019	6500	6776	8010	1759	28064	1236	7315
2006	MF	22836	-	4529	-	-	46479	2938	13656	14258	14568	15001	5479	62962	2083	23636
	F	11766	-	2429	-	-	22992	1998	5084	6719	7236	7913	2790	29742	1352	8052
2007	MF	23578	-	5178	-	-	48962	2725	14399	14687	15243	14874	8087	67290	2114	24370
	F	12396	-	2758	-	-	24923	1878	5249	7007	7541	7732	4205	31734	1396	8235
2008	MF	24086	-	5721	-	-	50904	2581	14986	15123	15615	15225	10188	71137	2190	24593
	F	12663	-	2993	-	-	26065	1758	5605	7214	7587	7866	5257	33529	1475	8479
2009	MF	24798	-	6331	-	-	53579	2804	15523	15417	15791	15656	12179	74566	2144	24846
	F	12944	-	3295	-	-	27344	1896	6034	7436	7676	8150	6304	35600	1143	8844
2010	MF	25189	-	6721	-	-	55178	2816	15928	15942	15933	16183	13003	76989	1754	24789
	F	13067	-	3525	-	-	28187	1886	6453	7655	7804	8387	6729	37028	1137	8856
2011	MF	25513	-	6853	-	-	56349	2579	15949	16139	16020	16408	13927	78443	2217	25279
	F	13066	-	3523	-	-	28417	1759	6432	7703	7894	8440	7209	37678	1011	9158
2012	MF	25979	-	7108	-	-	57989	2445	15972	16430	16005	16076	14520	79003	2225	25370
	F	13295	-	3684	-	-	29419	1624	6327	7788	7855	8197	7583	37750	854	9085

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.

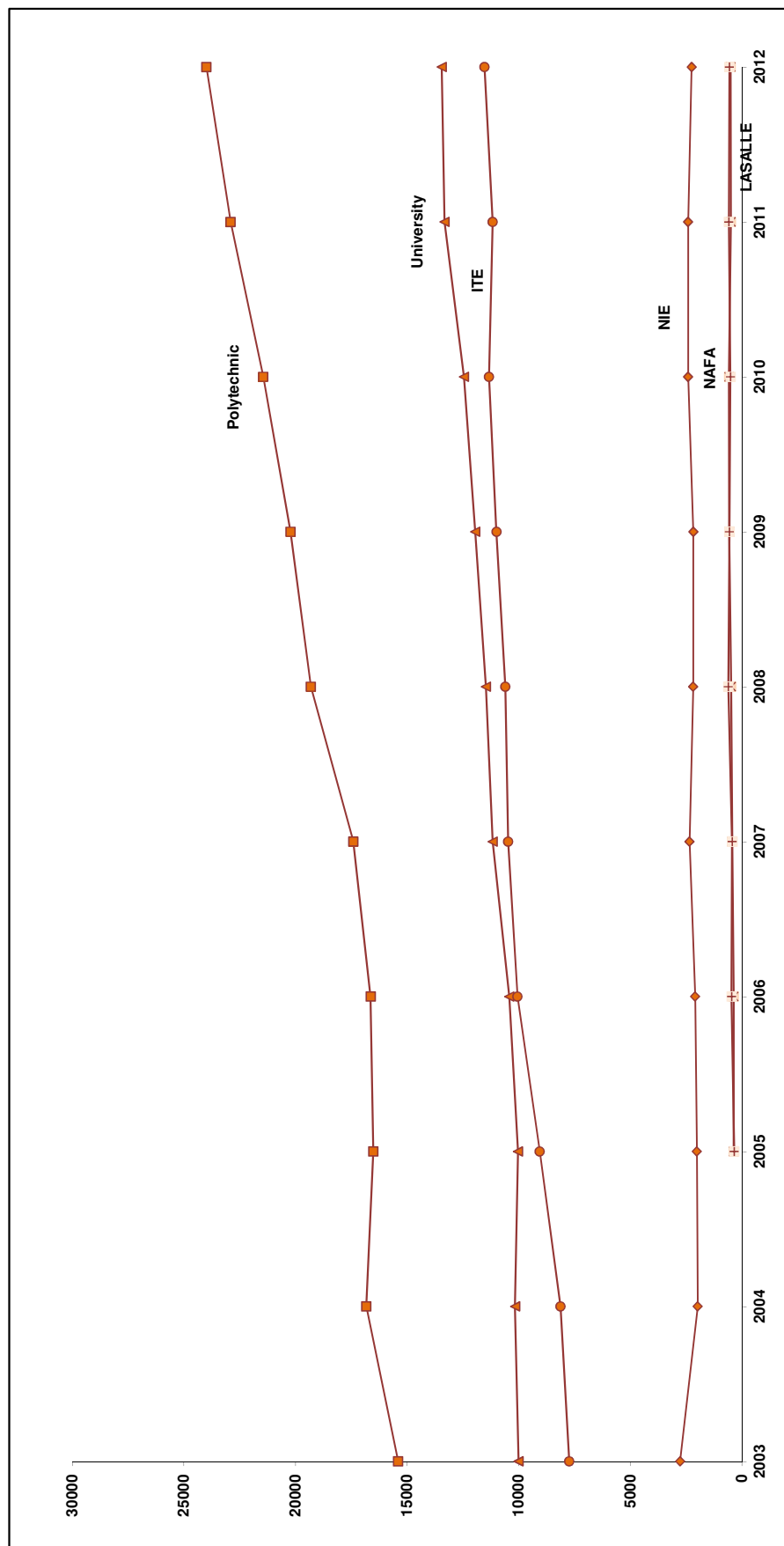
3) Figures for Polytechnics are for full-time diploma courses only.

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 ¹						National Institute of Education ²	Polytechnics ³						LASALLE ⁴	NAFA ⁵	Institute of Technical Education ⁶
		National University of Singapore	Nanyang University	Nanyang Technological University	Singapore Management University	Singapore Institute of Technology	Singapore University of Technology & Design		Spore	Ngee Ann	Temasek	Nanyang	Republic	Total			
1960	MF	593	437	-	-	-	-	734	-	-	-	-	-	-	-	-	-
	F	196	95	-	-	-	-	358	-	-	-	-	-	-	-	-	-
1970	MF	1220	556	-	-	-	-	1202	436	*	-	-	-	436	-	-	1426
	F	378	168	-	-	-	-	820	7	*	-	-	-	7	-	-	134
1980	MF	2187	687	-	-	-	-	616	1969	584	-	-	-	2553	-	-	7862
	F	1070	250	-	-	-	-	504	378	136	-	-	-	514	-	-	1145
1990	MF	4001	-	1333	-	-	-	929	3112	3087	-	-	-	6199	-	-	7469
	F	2307	-	510	-	-	-	694	1011	1233	-	-	-	2244	-	-	2889
2000	MF	5631	-	3613	-	-	-	2445	3974	4187	3336	2562	-	14059	-	-	7650
	F	3270	-	1583	-	-	-	1681	1619	1844	1776	1471	-	6710	-	-	2429
2003	MF	5960	-	4042	8	-	-	2772	3981	4210	3837	3376	-	15404	-	-	7741
	F	3238	-	1808	4	-	-	1965	1653	2056	1971	1775	-	7455	-	-	2778
2004	MF	5858	-	4067	240	-	-	1989	4504	4289	4102	3939	-	16834	-	-	8127
	F	3161	-	1843	167	-	-	1430	1871	2069	2072	2104	-	8116	-	-	3057
2005	MF	5575	-	4048	408	-	-	2020	4537	4143	3633	4202	-	16515	369	345	9059
	F	3051	-	1964	315	-	-	1341	1821	2068	1921	2303	-	8113	213	200	3492
2006	MF	5621	-	4241	565	-	-	2096	4103	4084	3718	4114	619	16638	370	464	10056
	F	3055	-	1974	399	-	-	1416	1574	1990	1860	2385	291	8100	227	295	3724
2007	MF	5500	-	4845	826	-	-	2348	3953	4013	3928	4591	928	17413	438	441	10479
	F	2943	-	2127	500	-	-	1590	1532	1911	2003	2645	435	8526	268	293	4019
2008	MF	5601	-	4808	1063	-	-	2188	4250	4504	4565	4447	1551	19317	481	610	10600
	F	2982	-	2286	686	-	-	1486	1644	2247	2399	2391	815	9496	296	409	4059
2009	MF	5779	-	5058	1110	-	-	2179	4334	4581	4815	4388	2106	20224	566	559	10999
	F	3012	-	2570	562	-	-	1492	1610	2186	2396	2279	1119	9590	351	389	4311
2010	MF	5833	-	5412	1206	-	-	2416	4627	4534	4848	4483	2953	21445	578	518	11334
	F	3124	-	2544	546	-	-	1622	1700	2237	2429	2502	1594	10462	371	365	4488
2011	MF	6088	-	5733	1504	-	-	2415	4921	4857	5020	4829	3291	22918	499	583	11165
	F	3403	-	2951	831	-	-	1626	1982	2437	2429	2536	1722	11106	333	409	4326
2012	MF	5969	-	5807	1603	77	-	2255	5016	4955	5133	4965	3930	23999	511	564	11530
	F	3149	-	2909	919	20	-	1538	2060	2432	2545	2644	2083	11764	316	390	4425

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.

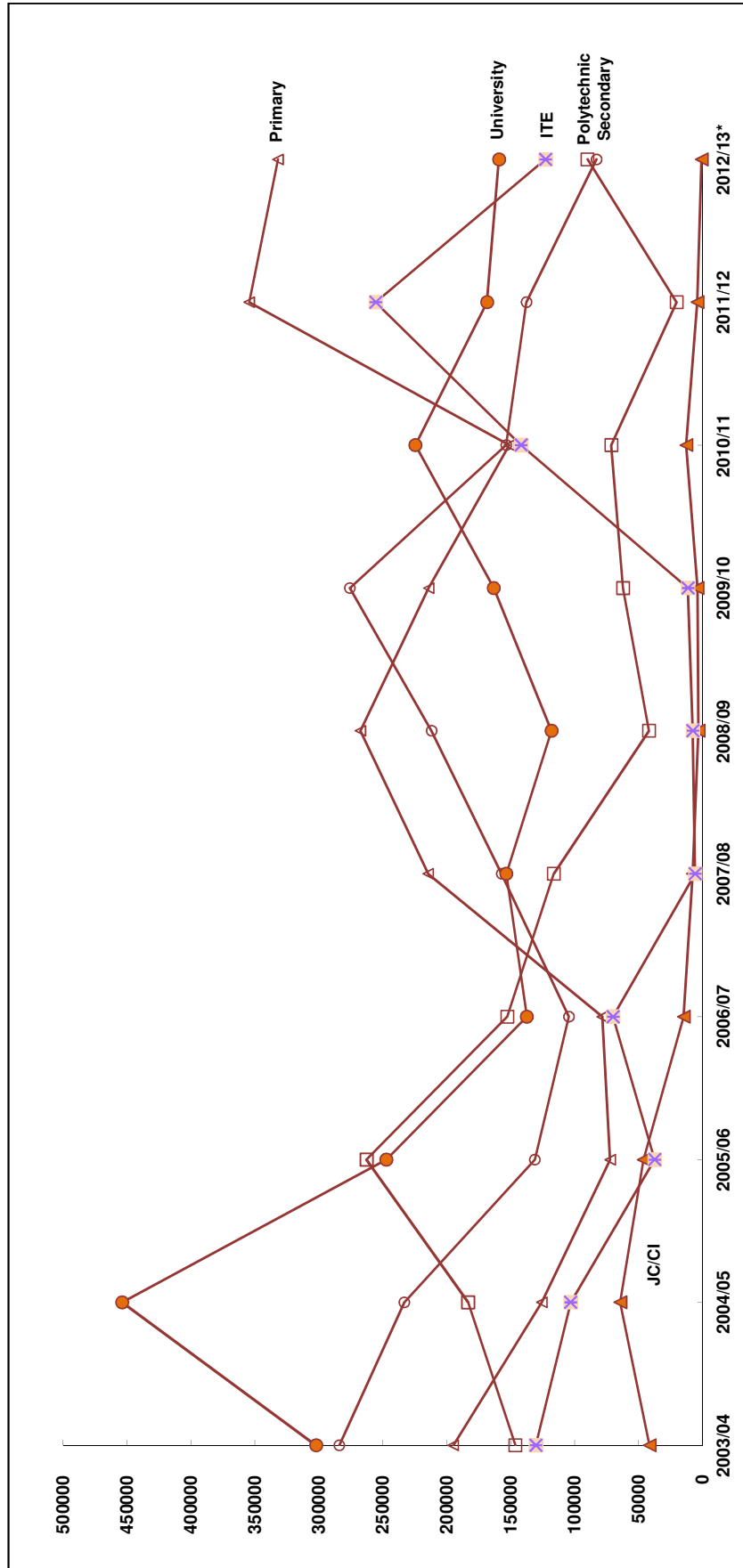
3) Figures for Polytechnics are for full-time diploma courses only.

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)

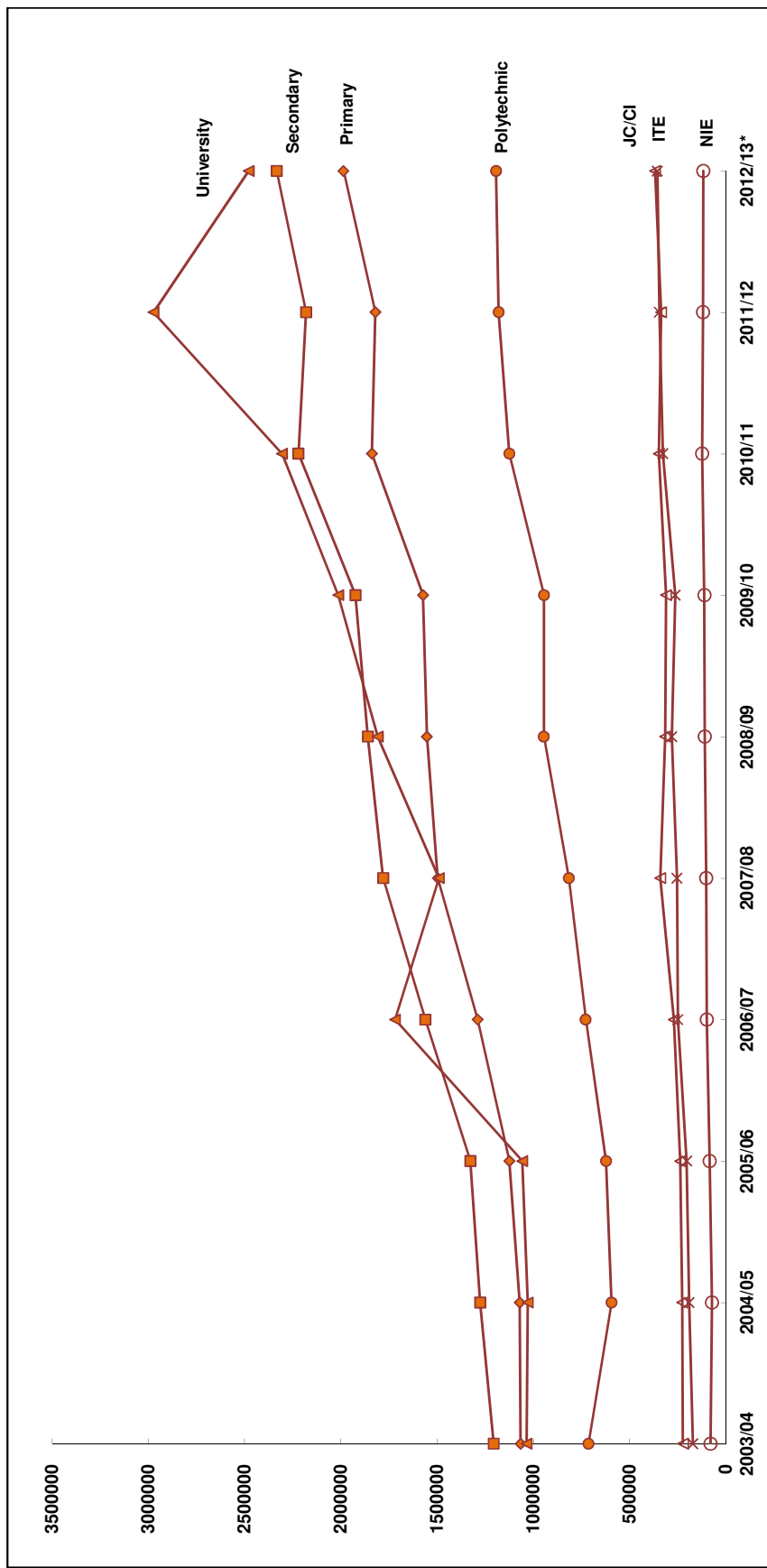


28 GOVERNMENT DEVELOPMENT EXPENDITURE ON EDUCATION ('000 SGD)

Financial Year	MOE HQ	Primary	Secondary	Junior College / Centralised Institute	Institute of Technical Education	Polytechnic	National Institute of Education	University	Special Education	Others	Total
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	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*	41827	331982	83029	869	122940	90025	0	159288	3859	0	833819

* Preliminary figures

GOVERNMENT RECURRENT EXPENDITURE ON EDUCATION ('000 SGD)

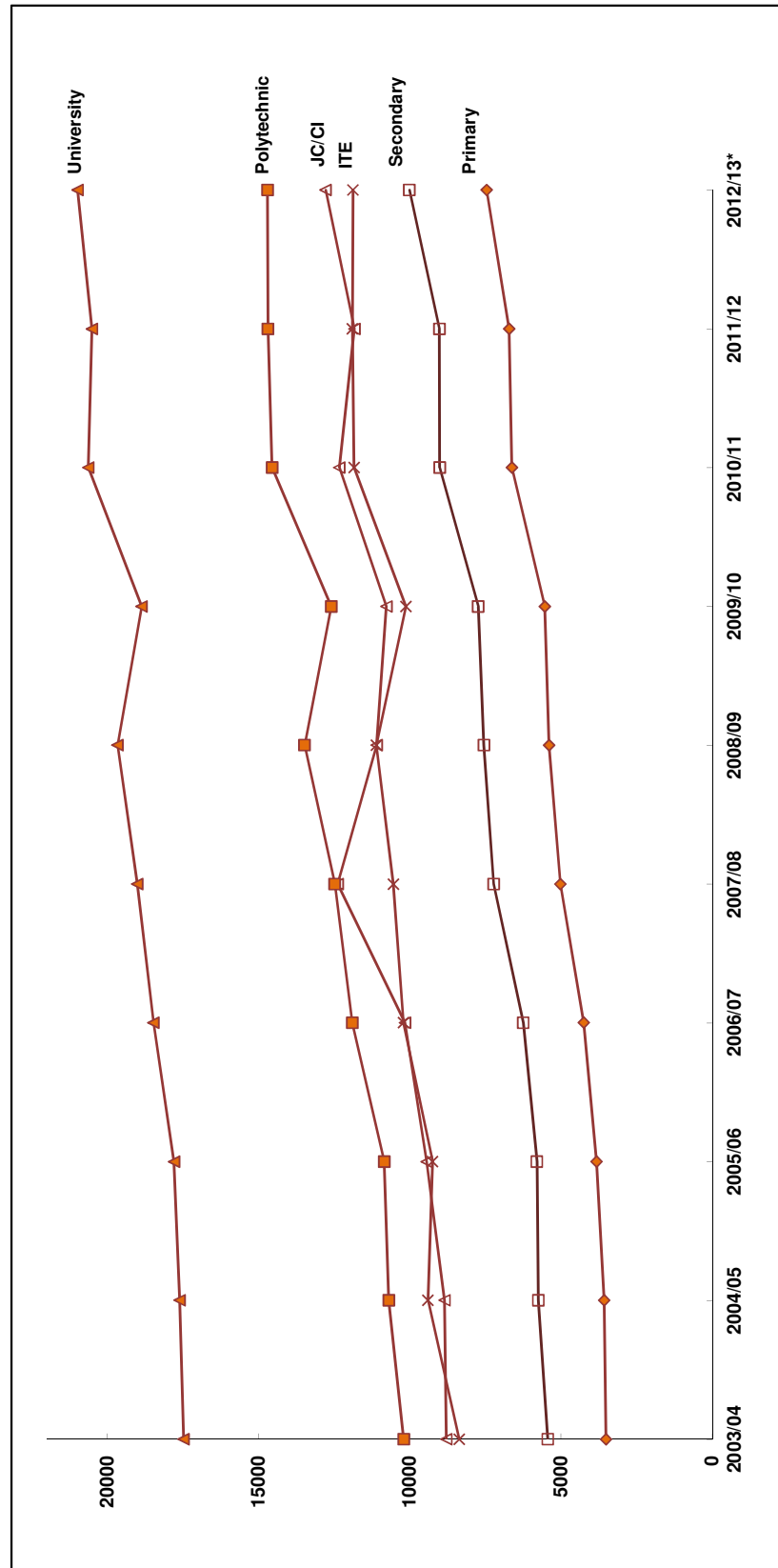


29 GOVERNMENT RECURRENT EXPENDITURE ON EDUCATION ('000 SGD)

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*	630068	1986622	2333795	368706	356664	1193795	117294	2479110	107003	118943	9692000

* Preliminary figures

GOVERNMENT RECURRENT EXPENDITURE ON EDUCATION PER STUDENT (SGD)



30 GOVERNMENT RECURRENT EXPENDITURE ON EDUCATION PER STUDENT (SGD)

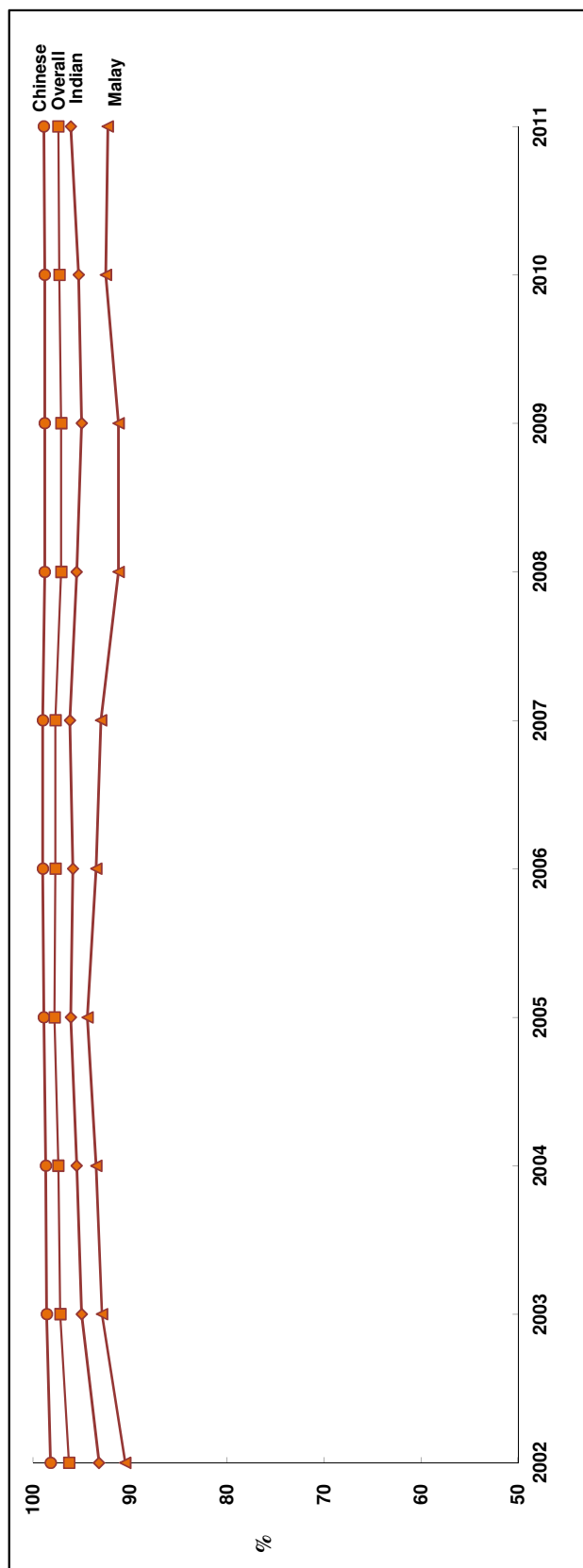
Financial Year	Primary	Secondary ¹	Junior College / Centralised Institute	Institute of Technical Education	Polytechnic	University ²
1998/99	2808	4472	6346	7020	8144	12580
1999/00	2612	4409	6325	6452	8032	14112
2000/01	3137	5104	7304	8076	9546	15384
2001/02	3363	5304	7879	7829	9668	15262
2002/03	3535	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	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*	7460	10013	12782	11878	14701	20978

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).

* Preliminary figures

31 PERCENTAGE OF PUPILS WHO PASSED PSLE BY ETHNIC GROUP

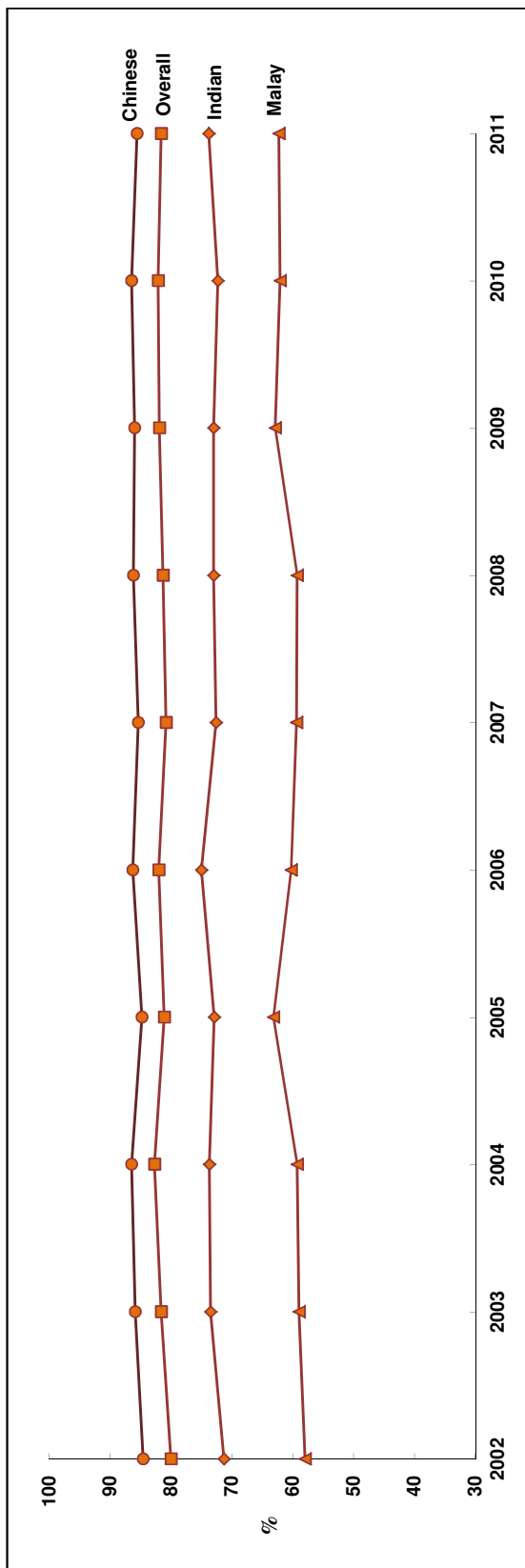


Race	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Malay	% Passed	90.5	92.9	93.5	94.4	93.5	93.0	91.2	91.2	92.3
Chinese	% Passed	98.2	98.6	98.7	98.9	99.0	99.0	98.8	98.8	98.9
Indian	% Passed	93.2	95.0	95.5	96.1	95.9	96.2	95.5	95.3	96.1
Others	% Passed	96.7	97.4	97.2	97.7	98.4	98.1	98.2	97.9	98.6
Overall	% Passed	96.3	97.2	97.4	97.8	97.7	97.7	97.1	97.3	97.4

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



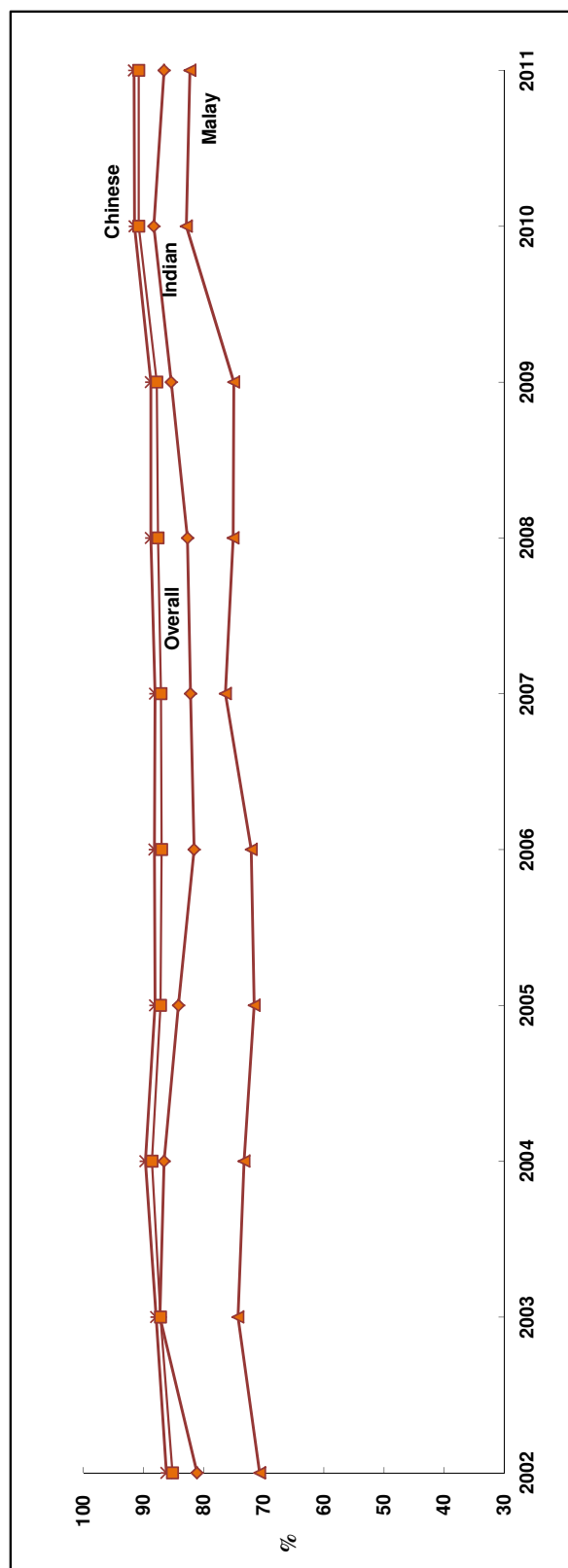
Race	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Malay	58.0	59.0	59.3	63.2	60.3	59.4	59.3	62.9	62.1	62.3
Chinese	84.6	85.9	86.5	84.8	86.3	85.4	86.2	86.0	86.5	85.6
Indian	71.3	73.5	73.7	72.9	75.0	72.6	73.0	73.0	72.3	73.8
Others	76.6	80.9	77.2	78.6	76.5	81.3	79.7	81.2	81.2	80.8
Overall	80.0	81.6	82.7	81.1	82.0	80.8	81.3	81.9	82.1	81.6

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

2) Figures from 2005 onwards exclude IP students.

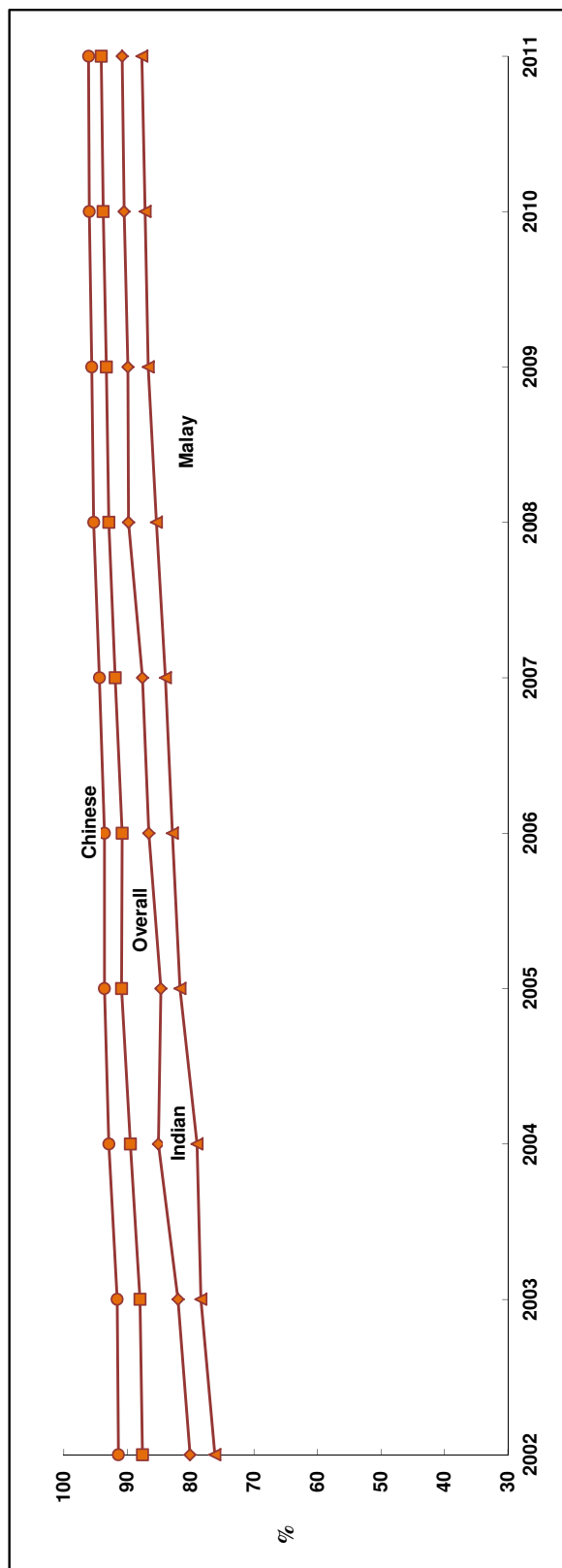
3) Figures are based only on graduating S4E and S5N O-level school candidates.

33 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).
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 INSTITUTIONS¹ BY ETHNIC GROUP



Race	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Malay % Admitted	76.2	78.4	79.0	81.7	82.9	84.0	85.4	86.7	87.2	87.7
Chinese % Admitted	91.4	91.6	92.9	93.6	93.6	94.4	95.3	95.6	96.0	96.1
Indian % Admitted	80.1	82.0	85.1	84.7	86.6	87.6	89.8	89.9	90.5	90.8
Overall % Admitted	87.6	88.0	89.5	90.9	90.8	91.9	92.9	93.3	93.8	94.1

Note: 1) Figures for 2007-2011 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

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

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) 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.	ACCOUNTANCY	Accountancy
2.	ARCHITECTURE & BUILDING	Architecture Project & Facilities Management Real Estate
3.	BUSINESS & ADMINISTRATION	Business Business Administration Business Management
4.	DENTISTRY	Dentistry
5.	EDUCATION	BA Education B.Sc. Education Early Childhood Education
6.	ENGINEERING SCIENCES	Aeronautical Engineering 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 Marine Engineering Materials Engineering Materials Science & Engineering Mechanical Design & Manufacturing Engineering Mechanical Engineering Mechanical Design Engineering Naval Architecture Offshore Engineering Renaissance Engineering
7.	FINE & APPLIED ARTS	Art, Design and Media Communication Design Industrial Design Interior Design Music Real-Time Interaction Simulation

8.	HEALTH SCIENCES	Biomedical Sciences Nursing Occupational Therapy Pharmacy Physiotherapy
9.	HUMANITIES & SOCIAL SCIENCES	Arts Arts & Social Science Chinese Economics English History Linguistic & Multilingual Studies Psychology Sociology
10.	INFORMATION TECHNOLOGY	Computer Science Business & Computing Information Systems Management
11.	LAW	Graduate LL.B. Programme Law
12.	MASS COMMUNICATION	Communication Studies
13.	MEDICINE	Medicine
14.	NATURAL, PHYSICAL & MATHEMATICAL SCIENCES	Biological Sciences Chemistry & Biological Chemistry Environmental Studies Food & Human Nutrition Mathematics & Economics Mathematical Sciences Physics & Applied Physics Science Science (Applied)
15.	SERVICES	Culinary Arts Management Hotel Administration Maritime Studies

CLASSIFICATION OF COURSES (POLYTECHNIC)

1.	APPLIED ARTS	Animation & 3D Arts Apparel Design & Merchandising Creative Media Design Digital Animation Digital Media Design Film, Sound & Video Games Design & Development Industrial Design Interactive Media Design Interior Architecture & Design Moving Images Music & Audio Technology New Media Product and Industrial Design Retail & Hospitality Design Sonic Arts Space & Interior Design Visual Communication Visual Communication & Media Design Visual Effects & Motion Graphics
2.	ARCHITECTURE & BUILDING	Architecture Environment Design Facilities Management for Business Hotel & Leisure Facilities Management Integrated Facility Management Landscape Architecture Landscape Design & Horticulture Property Development & Facilities Management Real Estate Business Sustainable Urban Design & Engineering
3.	BUSINESS & ADMINISTRATION	Accountancy Accountancy & Finance Arts Business Management Banking & Financial Services Business Administration Business Innovation & Design Business Management Business Studies Business/Logistics & Operations Management/Marketing Consumer Behaviour & Research Healthcare Administration Hospitality & Tourism Integrated Events Management Leisure & Resort Management Logistic Management Mass Media Management Marketing Retail Management Sport & Wellness Management Sports & Leisure Management Tourism & Resort Management Wellness, Lifestyle and Spa Management

4.	EDUCATION	Child Psychology & Early Education Early Childhood Education
5.	ENGINEERING SCIENCES	Aerospace Avionics Aerospace Electronics Aeronautical Engineering Aerospace Technology Aviation Management & Services Bioelectronics Biomedical Engineering Biomedical Electronics Biomedical Informatics & Engineering Business Process & Systems Engineering Chemical Engineering Chemical & Biomolecular Engineering Chemical Process Technology Civil & Environmental Engineering Civil Aviation Civil Engineering with Business Common Engineering Programme Computer Engineering Digital and Precision ENgineering Electronics/Telecommunications/Computer Engineering/ Electronic & Computer Engineering Electronics, Computer & Communication Engineering Electronics & Telecommunication Engineering Electrical Engineering Electrical & Electronic Engineering Engineering with Business Management Engineering Science Industrial & Operations Management Information Communication Technology Intelligent Building Technology Manufacturing Engineering Marine Engineering Marine & Offshore Technology Mechanical Engineering Automation & Mechatronic Systems (formerly known as Mechatronic Engineering) Mechatronics & Robotics Microelectronics Renewable Energy Engineering
6.	HEALTH SCIENCES	Biologics and Process Technology Biomedical Laboratory Technology Biomedical Science Dental Hygiene & Therapy Diagnostic Radiography Health Sciences (Nursing) Nursing Occupational Therapy Optometry Pharmaceutical Sciences Physiotherapy

		Radiation Therapy Veterinary Bioscience Veterinary Technology
7.	HUMANITIES AND SOCIAL SCIENCES	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.	INFORMATION TECHNOLOGY	Business Applications Business Computing Business Informatics Business Information Technology Cyber & Digital Security Digital Entertainment Technology Digital Forensics Digital Media Engineering Informatics Financial Business Informatics Game & Entertainment Technology Infocomm & Network Engineering Infocomm Security Management Information Technology Information Technology Service Management Interactive Media Informatics Mobile & Network Services Mobile & Wireless Computing Mobile Software Development Multimedia & Animation Multimedia & InfoComm Technology Network Systems & Security Telematics & Media Technology
9.	LEGAL STUDIES	Law & Management
10.	MASS COMMUNICATION & INFORMATION SCIENCE	Advertising & Public Relations Chinese Media & Communication Communications & Media Management Creative Writings for TV & New Media Mass Communication Media & Communication Media Studies & Management
11.	SCIENCE & RELATED TECHNOLOGIES	Applied Chemistry with Pharmaceutical Science Baking & Culinary Science Biotechnology Biotechnology/ Biomedical Science Chemical & Pharmaceutical Technology

		Consumer Science & Technology Environmental Science Food Science & Nutrition Horticulture and Landscape Management Materials Science Medicinal Chemistry Molecular Biotechnology Nanotechnology & Materials Science Nutrition, Health & Wellness Perfumery & Cosmetic Science
12.	SERVICES	Culinary & Catering Management Food & Beverage Business Maritime Business Maritime Transportation Management Nautical Studies Restaurant and Culinary Operations

CLASSIFICATION OF COURSES (LASALLE & NAFA)

1.	BUSINESS & ADMINISTRATION	Arts Management Fashion Management Fashion Merchandising & Marketing Technical & Production Management
2.	DESIGN & APPLIED ARTS	3D Design Communication Design Design & Media Fashion Fashion Communication Fashion Textile Interior Design Jewellery Design Product Design Technical Theatre Arts Visual Communication
3.	FINE & APPLIED ARTS	Visual Studies Foundation
4.	FINE & PERFORMING ARTS	Art (Teaching) Classical Music Contemporary Popular Music Dance Dance Foundation Fine Arts Jazz Music Performance Music (Composition) Music (Teaching) Music Foundation Popular Music Theatre Theatre & Performance
5.	MEDIA PRODUCTION	Animation Art Animation Film Interactive Art Media Broadcast Music Technology Video Art

CLASSIFICATION OF COURSES (ITE)

CLASSIFICATION OF DIPLOMA AND HIGHER NATIONAL ITE CERTIFICATE (HIGHER NITEC) PROGRAMMES (2012)

1.	APPLIED & HEALTH SCIENCES	<i>Higher Nitec in Paramedic & 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 & Emergency Care</i>
2.	BUSINESS & SERVICES	<i>Higher Nitec in Accounting</i> <i>Higher Nitec in Banking Services</i> <i>Higher Nitec in Banking Beauty & Spa Management</i> <i>Higher Nitec in Business Studies</i> <i>Higher Nitec in Community Sport & Recreation Management</i> <i>Higher Nitec in Early Childhood Education</i> <i>Higher Nitec in Hospitality Operations</i> <i>Higher Nitec in Integrated Logistics Management</i> <i>Higher Nitec in Leisure & 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>
3.	ENGINEERING	<i>Technical Engineer Diploma in Machine Technology</i> <i>Technical Engineering Diploma in Automotive Engineering</i> <i>Higher Nitec in Advanced Manufacturing</i> <i>Higher Nitec in Civil & Structural Engineering Design</i> <i>Higher Nitec in Electrical Engineering</i> <i>Higher Nitec in Facility Systems Design/Process Plant Design/Offshore & Marine Engineering Design</i> <i>Higher Nitec in Mechatronics Engineering</i> <i>Higher Nitec in Mechanical & Electrical Engineering Design</i> <i>Higher Nitec in Mechanical Engineering</i> <i>Higher Nitec in Marine Offshore Engineering</i> <i>Higher Nitec in Offshore & Marine Engineering</i> <i>Higher Nitec in Process Plant Design</i>
3.	DESIGN & MEDIA	<i>Higher Nitec in Performance Production</i> <i>Higher Nitec in Visual Merchandising</i>
4.	ELECTRONICS & INFO-COMMUNICATIONS TECHNOLOGY	<i>Higher Nitec in Business Information Systems</i> <i>Higher Nitec in Electronics Engineering</i> <i>Higher Nitec in Games Design & 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>

5.	HOSPITALITY	<i>Technical Diploma</i> in Culinary Arts <i>Higher Nitec</i> in Hospitality Operations <i>Nitec</i> in Asian Culinary Arts <i>Nitec</i> in Western Culinary Arts <i>Nitec</i> in Western Food & Beverage Operations <i>Nitec</i> in Pastry & Baking

CLASSIFICATION OF NATIONAL ITE CERTIFICATE (NITEC) PROGRAMMES (2012)

1.	APPLIED & HEALTH SCIENCE	<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 & Social Services</i>
2.	BUSINESS & SERVICES	<i>Nitec in Beauty Therapy</i> <i>Nitec in Community Care & Social Services</i> <i>Nitec in Culinary Skills (Western)</i> <i>Nitec in Fitness Training</i> <i>Nitec in Food & Beverage Operations</i> <i>Nitec in Hair Fashion & Design</i> <i>Nitec in Hair Services</i> <i>Nitec in Hospitality Operations</i> <i>Nitec in Pastry & Baking</i> <i>Nitec in Service Skills</i>
3.	DESIGN & MEDIA	<i>Nitec in Digital Animation</i> <i>Nitec in Digital Media Design</i> <i>Nitec in Interactive Media Design</i> <i>Nitec in Product Design</i> <i>Nitec in Space Design</i> <i>Nitec in Visual Effect</i> <i>Nitec in Visual Communication</i>
4.	ENGINEERING	<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 Building Drafting</i> <i>Nitec in Electrical Technology</i> <i>Nitec in Facility Technology</i> <i>Nitec in Laser & Tooling Technology</i> <i>Nitec in Machine Technology</i> <i>Nitec in Machine Technology / Laser Tooling Technology</i> <i>Nitec in Mechatronics</i> <i>Nitec in Medical Building Technology</i> <i>Nitec in Mechanical Technology</i> <i>Nitec in Rapid Transit Technology</i>
5.	ELECTRONICS & INFO-COMMUNICATIONS TECHNOLOGY	<i>Nitec in Digital Audio & Video Production</i> <i>Nitec in Electronics</i> <i>Nitec in Info-Communications Technology</i> <i>Nitec in Multimedia Technology</i> <i>Nitec in Mobile Systems & Services</i> <i>Nitec in Security Technology</i> <i>Nitec in Semiconductor Technology</i> <i>Nitec in Social Media & Web Development</i>

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