





TRANSFORM

Impacting young lives through quality education

ENGLISH IMPACT

An Evaluation of English Language Capability Sri Lanka. February 2018





ENGLISH IMPACT

An Evaluation of English Language Capability Sri Lanka.

February 2018

Elizabeth Shepherd and Victoria Ainsworth British Council



SRI LANKA 1

FOREWORD		04
CON	NTRIBUTORS	07
1.	EXECUTIVE SUMMARY	08
2.	INTRODUCTION	10
3.	RESEARCH METHODOLOGY	12
	The sample design: a stratified two-stage cluster sample design	12
	Method of delivery	16
	The English language assessment	16
	The student context questionnaire	19
	Motivational scale analysis	24
4.	IMPLEMENTATION IN SRI LANKA	28
	Sri Lanka educational context	28
	Teacher information	32
	The comparison unit	33
5.	LANGUAGE LEARNING ENVIRONMENT	34
6.	SAMPLING RESULTS	40
7.	ASSESSMENT OUTCOMES	44
	Receptive skills	46
	Productive skills	47
	Comparing achievement by gender	48
	Comparing achievement by urban and rural school location	49
	Comparing achievement by Sri Lankan province	50
	Comparing achievement by medium of instruction within schools	51
8.	ENGLISH LANGUAGE LEARNING MOTIVATION	54
	Construct validation findings	55
	Multi-group analysis findings	60
	Links between motivation and proficiency	67
	Summary of English language learning motivation findings	74
9.	IN CONCLUSION	76
REF	ERENCES	78
APF	PENDIX A – OVERVIEW OF THE APTIS FOR TEENS TEST STRUCTURE	83
APPENDIX B –FINAL CFA MEASUREMENT MODEL ESTIMATES		88

LIST OF TABLES

Table 1: Level of localisation for Aptis for Teens (from O'Sullivan and Dunlea, 2015)	18
Table 2: Reference table of motivational scales and associated descriptions	21
Table 3: Types of schools and statistics, 2016	30
Table 4: Types of schools by province	30
Table 5: Schools by medium of instruction	31
Table 6: Students by medium of study and province	31
Table 7: Teacher categories by province	32
Table 8: Stratification variables chosen	33
Table 9: Demographic variables of participating students from Sri Lanka	34
Table 10: Target population definition in Sri Lanka	40
Table 11: Coverage and exclusions	40
Table 12: School sample size	41
Table 13: Student sample size	41
Table 14: Population and sample size	42
Table 15: Weighted school and student participation rates	42
Table 16: Distribution of student population for overall test performance by CEFR level	44
Table 17: Mean population score and CEFR levels by skills and overall achievement	44
Table 18: Estimated distribution of student population for listening and reading skills by CEFR level	46
Table 19: Estimated distribution of student population for speaking and writing skills by CEFR level	47
Table 20: Mean performance score by gender, skills and overall achievement	48
Table 21: Mean performance score by school location, skills and overall achievement	49
Table 22: Comparing overall mean score performance with nine Sri Lankan provinces	50
Table 23: Mean performance score by medium of instruction	51
Table 24: Improvements in adjusted chi-square values following addition of covariances between error terms	56
Table 25: Error covariances included in the measurement model	58
Table 26: Standardised (STDYX standardisation) correlations between variables in the final model	59
Table 27: T-tests to check for differences between mean factor scores calculated from the gender model	61
Table 28: Latent covariances allowed to vary between gender groups (standardised estimates)	62

SRI LANKA

	Table 29: Questions used in the construction of SES variable	63
	Table 30: T-tests to check for differences between mean factor scores calculated from the gender model	64
	Table 31: Significant differences between groups according to their proficiency	69
	Table 32: Correlations between motivational variables and overall total score	70
	Table 33: Correlations between motivational variables and scale scores for individual components of the proficiency test	72
	Table 34: Correlations between overall proficiency and motivational variables, by gender	73
	Table 35: Correlations between overall proficiency and motivational variables, by SES	74
LIST	Γ OF FIGURES	
	Figure 1: The socio-cognitive model for test design and validation	17
	Figure 2: The grade participating students from Sri Lanka started learning English	35
	Figure 3: Time spent learning English per week at schoo	36
	Figure 4: Activity undertaken when studying English outside of school	36
	Figure 5: Time spent learning English outside of school	37
	Figure 6: Future pathway when finished compulsory schooling	37
	Figure 7: Language most regularly used to watch, read or listen to different types of media	38
	Figure 8: Activity most often done on computer, tablet or smart phone	39
	Figure 9: Responses to the questionnaire items	54
	Figure 10: Measurement model	57
	Figure 11: Mean factor scores on motivational variables for higher and lower SES groups	66
	Figure 12: Mean factor scores on motivational variables for SES percentile groupings	67
	Figure 13: Motivational profiles for learners at different levels of proficiency	68
	Figure 14: Correlation between overall proficiency and English self-concept	71
	Figure 15: Correlation between overall proficiency and the ought-to L2 self	71

FOREWORD

Gill Caldicott

Country Director, British Council, Sri Lanka

The English Impact Survey, which evaluates English language capability at the secondary school level, makes a significant contribution to the current debate on the state of English proficiency in Sri Lanka. The Government is rightly concerned about the levels of English of students leaving the school system, whether to enter further and higher education or to join the workforce. This research has shown that the sampled students, aged just over 15 years, are performing in English at the relatively low levels of A1 and A2 CEFR, reinforcing the findings of the Government's own research and analysis. In the medium to longer term, if not addressed, this could adversely affect Sri Lanka's success in developing the economy, and its ability to respond to international trade and tourism opportunities.

Fortunately, the time is right and the opportunities for reform and improvement at a systemic level are forthcoming. To be effective, this should include: the development of the teaching of English, of curriculum, methodology and examining of English; providing opportunities for teachers to improve their own English as well as use relevant and up-to-date methodology; the engagement of Sri Lankan industry and commerce in determining the level and nature of language proficiency that is needed; and, not least, the ability to tap into the innate motivation that students have shown for learning English – a very positive outcome of the research.

Sri Lanka is not alone in facing these challenges. In the global context, issues like these are becoming increasingly important as English as a lingua franca continues to grow across the world. The British Council remains committed to supporting the growth of English as a medium for international communication and a route to better life opportunities, respecting always the local culture and traditions, and the role of local languages. Responding to our Memorandum of Understanding (MoU) with the Ministry of Education in Sri Lanka, we are working through the National Colleges of Education to set up a cadre of skilled master trainers who will work with teachers across the country to improve their pedagogical approaches. In addition, I am pleased to note both private and corporate funding for improving the language level and the methodology of English teachers. It is through such initiatives, and a sustained effort over the medium term on the part of the education community in Sri Lanka, that significant change can be achieved.

SRILANKA 5

Barry O'Sullivan

Head of Assessment Research and Development, British Council

English Impact, perhaps the British Council's most ambitious language-related research undertaking to date, has the capacity to offer ministries of education an accurate and objective diagnostic of the language capability of their country, region or city. This methodology is particularly powerful as it is based on expert statistical design and analysis combined with contextually appropriate interpretation of data that is a precise representation of the general population for the age-group examined.

We have learned so much in the process of designing and delivering this project that it is clearly impossible to highlight all. The sampling work undertaken with Martin Murphy and his team from the Australian Council for Educational Research (ACER) is the single exception. Their professionalism helped to take our vision to a new and elevated level. Their clear and thoughtful consideration of how comparison units should be defined and how to ensure that the final test population was truly representative brought significant challenges, but also significant improvement to our understanding of the processes involved in complex sampling. The results described in this report are testament to the impact that Martin's thinking has had on our work.

The reality of delivering English Impact was a challenge that would stretch the project team to its limits. In fact, without the key players who undertook the research design and delivery, it is highly unlikely that I would be writing this forward.

We were incredibly lucky to work with exceptional local British Council and Ministry teams in Sri Lanka who did a great deal to ensure the success of the data collection. The determination of these two teams to deliver the project to the highest possible level of quality was critical to its eventual success.

I must confess to feeling great pride in the completion of the English Impact project in Sri Lanka. This report demonstrates the highest level of professionalism and will come to be recognised as a major achievement both within the British Council and in the world of English language education and policy. I expect that it will help the Ministry to continue to conceive and pursue successful policies for many years to come.

Martin Murphy

Senior Research Fellow, Australian Council for Educational Research

At the heart of all good educational policy and practice are teachers, schools, and school systems working to improve the learning outcomes of students. Every day educators and policymakers globally are striving to achieve this goal in very different circumstances.

Learning from experience is an established method of improving performance. I believe all good teachers learn from their colleagues as all good schools share their experiences with other schools within their system. The same can be said for developing policies and practice at the system level. This is where English Impact aims to contribute high quality international comparative outcomes data on English language learning for this purpose.

Education systems are complex. They are shaped by many factors such as geographic location and social and economic background. By mapping the British Council's Aptis assessment outcomes onto a common population framework and by quantifying national and regional variations against that international framework, English Impact aims to identify educational policies and practices associated with the successful teaching and learning of English.

Australian Council for Educational Research (ACER) has thoroughly enjoyed its collaboration with the British Council in this endeavour, helping to bring to English Impact the same methodologies underlying major international surveys, such as the Trends in International

Mathematics and Science Study (TIMSS) and the Programme for International Student Assessment (PISA), in the development of this population framework, sampling, weighting and variance estimation.

ACER congratulates the Ministry of Education of Sri Lanka and the British Council team for their very successful implementation of English Impact. The quality of the survey implementation — evidenced by the very high rates of participation and coverage, and levels of precision that meet or exceed the standards of TIMSS or PISA — should give every confidence to readers of this report, and those keen to learn from Sri Lanka's experiences in the increasingly important field of English language teaching and learning.

SRI LANKA 7

CONTRIBUTORS

We would like to acknowledge the invaluable contributions made by the British Council staff in Sri Lanka and consultation provided by the Australian Council for Educational Research and the University of Bath. Without the hard work and expert involvement of the following people, English Impact Sri Lanka would not have been possible.

British Council, Sri Lanka for its implantation of English Impact:

- · Hasna Dole, Assistant Manager
- · Lesley Dick, Senior Consultant
- Martin Froggett, Training Consultant.

The Australian Council for Educational Research for its specialist contribution to sampling methodology and analysis:

- · Martin Murphy, Senior Research Fellow
- · Clare Ozolins, Research Fellow
- Kate O'Malley, Research Fellow
- · Jorge Fallas, Research Fellow
- · Tim Friedman, Research Fellow
- · Bethany Davies, Research Officer.

The University of Bath for its contribution to motivational scale questionnaire design and analysis:

• Dr Janina Iwaniec, Lecturer in TESOL.

Dr Karen Dunn, Senior Researcher, British Council for her contribution to statistical analysis.

Viviana Caicedo Triana, Research Assistant, British Council for managing the collation and publication of the reports.

Many thanks also to the following people for their valued support and input.

Members of the British Council English Impact Board

Cherry Gough Barry O'Sullivan
Rebecca Hughes Anna Searle
John Knagg Greg Selby
Maureen McDonagh Duncan Wilson

Members of the British Council Assessment Research Group

Vivien Berry Judith Fairbairn

Victoria Clarke Barry O'Sullivan

Jamie Dunlea Mina Patel

Karen Dunn Richard Spiby

Key members of the British Council Tests Team

Dan Elsworth Jermaine Prince
Catherine Hughes

1. EXECUTIVE SUMMARY

English Impact aims to provide robust policy-relevant data evidencing English language capability in Sri Lanka

English Impact aims to assess capability by measuring the current ability of a targeted sample of the school population from the Sri Lanka government sector using an English language assessment. It also aims to assess future potential of learners through an in-depth analysis of students' language learning opportunities in and outside the classroom, language learning motivations and socioeconomic background.

To ensure that the data collected by English Impact Sri Lanka can be used to inform and support education system and policy development, the British Council worked in collaboration with the Ministry of Education tailoring the research to meet local needs.

This research is underpinned by the British Council's Royal Charter and charitable objective to develop a wider knowledge of the English language and it looks to build upon the organisation's rich heritage of global English language research.

A pioneer of the study of English language, the British Council has significant experience contributing analysis and insight, while advancing knowledge across the field. While previous research has explored and expanded existing understanding of how growth in the use of the English language could shape the world economy, English Impact creates new baseline data to measure levels of English language capability.

The research was carried out by the British Council, with contributions from the Australian

Council for Educational Research and the University of Bath. In 2016-17, it was delivered/implemented within four regional and national level education systems: Sri Lanka; Bangladesh; the Community of Madrid in Spain; and the Metropolitan District of Bogotá in Colombia.

English Impact in Sri Lanka

- English Impact employs a two-stage cluster sample design used by other recognised large-scale international surveys, sampling schools at the first stage and students at the second stage.
- 150 government-funded schools and 1,734 students were sampled for English Impact 2016–17, with 148 schools and 1,437 students participating following exclusions, student withdrawal from school or absence.
- Students were sampled from Grade 11 in compulsory secondary education. This grade represents 10 years of schooling, counting from the first year of International Standard Classification of Education (ISCED) Level 1, with a mean age at the time of testing of at least 15 years and six months.
- Students sampled were studying English as part of their studies at this grade level. A minimum of 90 minutes of formal English study per week as part of the school program was required for eligibility in the target population.
- Students completed the British Council's Aptis for Teens English Language assessment, testing reading, writing, speaking, listening, and grammar and vocabulary.

SRILANKA 9

 A questionnaire comprising 53 items, delivered in Tamil and Sinhalese, gathered opinions and information from students on their school and language learning backgrounds, their language learning motivations and socio-economic status.

Key findings

- Overall school and student participation in Sri Lanka met the English Impact international participation standard of at least 85 per cent of sampled students in 85 per cent of sampled schools.
- Of the participating students, 49 per cent started learning English in pre-school or first grade.
- In their current grade, 52 per cent of participating students chose to study English at school, while it was a compulsory school subject for 41 per cent. More than half of participating students, 51 per cent, spent at least three hours a week studying English.
- Of the students who interact with the Internet and computer games, around 87 per cent reported this to be primarily using an Englishlanguage medium.
- Over half of the participating population, 58 per cent, achieved A1 CEFR level in the English language assessment, with almost 30 per cent achieving A2 level.
- The skill of listening achieved the highest mean scale score of 23.6. Almost 40 per cent of students achieved B1 level, while 48 per cent achieved at A2 level.
- Reading achieved the second highest mean scale score of 14.92. Just over 56 per cent of students achieved A2 level on the CEFR.
- Participating students achieved their lowest

- performance scores for the productive skills. Speaking skills had the lowest mean scale score with 4.91, followed by writing skills, with 8.34.
- Female students performed better than male students across all skills.
- Female students reported a higher level of confidence in their ability to learn English and more motivation to learn English, than male students. However, positive relationships between proficiency and all motivational variables were more pronounced among male students than female students.
- There are clear effects of socio-economic status on language learning motivation, with students from more advantaged backgrounds reporting higher motivation in all examined areas than their peers from less advantaged families.

Click here to read the full report (100 pages)