

2020/21		高級組得獎習作 Senior Section Winning Projects
高級組冠軍 First Prize for the Senior Section	A diminishing future of our home: A study on the low birth rate in Hong Kong	嘉諾撒聖家書院 Holy Family Canossian College
高級組亞軍 Second Prize for the Senior Section	What makes Hong Kong an attractive state? - Lifting the lid on IMMIGRATION RATE	嘉諾撒聖家書院 Holy Family Canossian College
高級組季軍 Third Prize for the Senior Section	What will our future be? ----- Rethinking & Renovating Our Education System	香港神託會培基書院 Stewards Pooi Kei College
高級組最佳人口普查地區數據分析獎 Prize for the Best District Analysis using Population Census Statistics for the Senior Section	Hong Kong's Demographic New Normal	香港神託會培基書院 Stewards Pooi Kei College
高級組最佳統計圖表獎 Prize for the Best Graphical Presentation of Statistics for the Senior Section	Hong Kong's Demographic New Normal	香港神託會培基書院 Stewards Pooi Kei College
優異獎 Distinguished Prize	Is It True that the Fertility Rate in Hong Kong can Threaten its Future Society?	Hong Kong International School
優異獎 Distinguished Prize	香港航空業的發展	順德聯誼總會李兆基中學 STFA Lee Shau Kee College
優異獎 Distinguished Prize	Hong Kong's Demographic New Normal	香港神託會培基書院 Stewards Pooi Kei College
優異獎 Distinguished Prize	你今日check左未	天主教崇德英文書院 Shung Tak Catholic English College

2020/21		初級組得獎習作 Junior Section Winning Projects
初級組冠軍 First Prize for the Junior Section	District Analysis for Population Challenges	香港神託會培基書院 Stewards Pooi Kei College
初級組亞軍 Second Prize for the Junior Section	Mental Stress in Subdivided Flats	拔萃女書院 Diocesan Girls' School
初級組季軍 Third Prize for the Junior Section	New Towns, New Vision	香港培道中學 Pooi To Middle School
初級組最佳人口普查地區數據分析獎 Prize for the Best District Analysis using Population Census Statistics for the Junior Section	New Towns, New Vision	香港培道中學 Pooi To Middle School
初級組最佳統計圖表獎 Prize for the Best Graphical Presentation of Statistics for the Junior Section	District Analysis for Population Challenges	香港神託會培基書院 Stewards Pooi Kei College
優異獎 Distinguished Prize	港密塘	粉嶺禮賢會中學 Fanling Rhenish Church Secondary School
優異獎 Distinguished Prize	How will the ageing population affect our city?	香港神託會主辦馬錦明慈善基金 馬可實紀念中學 Stewards Ma Kam Ming Charitable Foundation Ma Ko Pan Memorial College
優異獎 Distinguished Prize	A Research on the Low Fertility of Hong Kong	英皇書院 King's College

2021/22年度 中學生統計習作比賽

2021/22 Statistical Project Competition for Secondary School Students



網上簡介講座
Online Briefing Seminar
23/10/2021

截止提名日期
Deadline for Nomination
26/11/2021

截止遞交習作日期
Deadline for Submission
25/2/2022

查詢
Enquiries

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電郵 Email : spc@hkss.org.hk

提升中學生對研究方法、統計數字和統計技巧的興趣；
To promote the interest of secondary school students in
research methods, statistics and statistical techniques;

鼓勵學生透過正確運用統計數據，以科學和客觀的方法認識本港社會；及
To encourage students to understand the local community in a scientific and
objective manner through the proper use of statistics; and

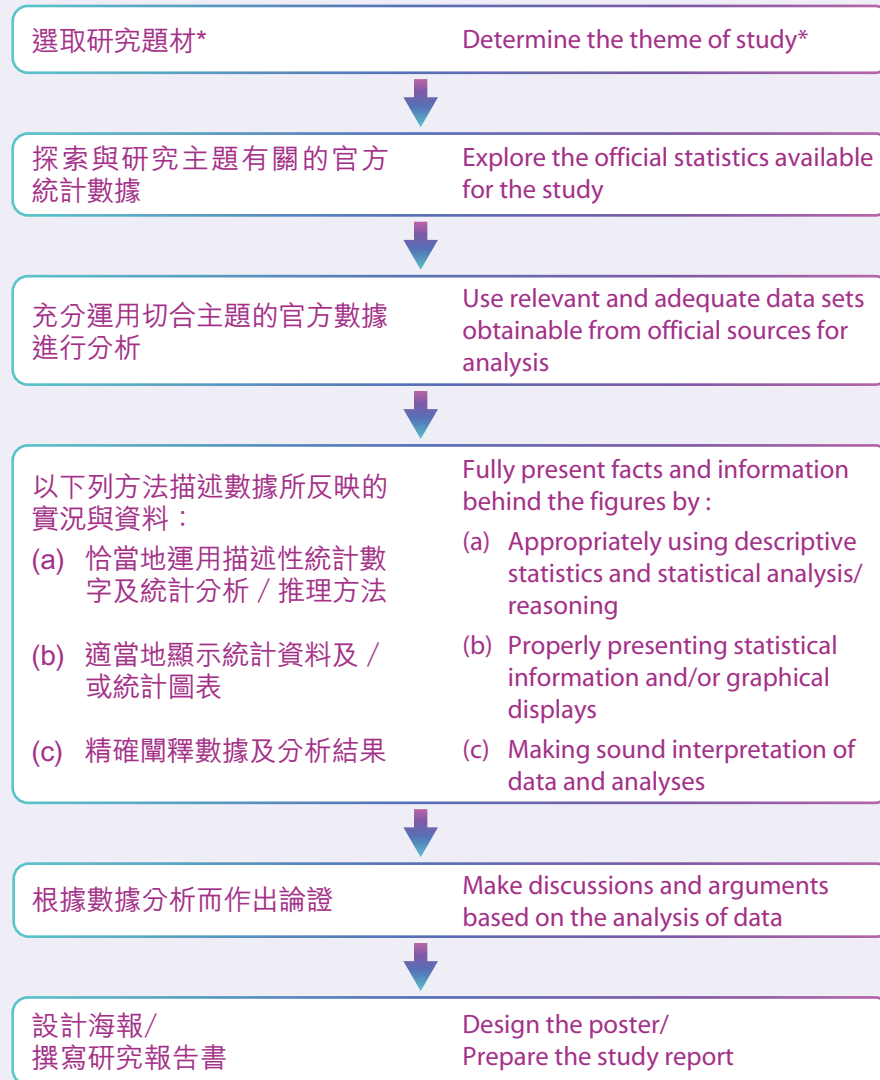
啟發學生的公民意識。
To promote a sense of civic awareness.

主辦 Organised by:
 香港統計學會
Hong Kong Statistical Society

協辦 Co-organised by:
教育局
Education Bureau

撰寫統計習作的主要步驟

Major Steps of Preparing a Statistical Project



* 初級組參賽者必須從指定主題中選擇一個作研究主題。

高級組參賽者可自行設定研究主題，主題不設限制。

Participants of the Junior Section must select a theme of study from the specified themes.

Participants of the Senior Section can set the theme of study by themselves without restriction.

主要官方統計數據來源及參考資料

Major Sources of Official Statistical Data and Reference Materials

政府統計處
Census and Statistics Department
(<https://www.censtatd.gov.hk>)

香港金融管理局
Hong Kong Monetary Authority
(<https://www.hkma.gov.hk/eng/>)

政府經濟顧問辦公室
Office of the Government Economist
(<https://www.oge.gov.hk>)

財經事務及庫務局
Financial Services and the Treasury Bureau
(<http://www.fstb.gov.hk>)

2016年中期人口統計
2016 Population By-census
(<https://www.bycensus2016.gov.hk>)

政府統計處的刊物可於此網站免費下載：
Statistical publications of the Census & Statistics Department are available for downloading free of charge at :
https://www.censtatd.gov.hk/en/page_1273.html

統計指標的概念及其編製方法詳載於此網站：
The concepts of the statistical indicators and their compilation methods are available at :
https://www.censtatd.gov.hk/en/page_8000.html

SPC 2020/21 冠軍隊伍的分享

Sharing from Winning Teams of SPC 2020/21

Junior Winning Team – Stewards Pooi Kei College

The Statistical Project Competition is definitely one of the most memorable learning experiences in our school life. We are grateful to share our journey of investigation and learning here.

With the extensive use of statistical data, we have examined the population challenges of Hong Kong and made detailed investigation about our ageing population as well as shrinking labour force. On one hand, the proportion of the population aged 65 or above is projected to be double from 17.5% in 2019 to 35.0% in 2069. On the other hand, the labour force participation rate is projected to decrease significantly from 58.5% in 2019 to 49.2% in 2069.

For the preparation of statistical research, final interview and oral defense, our presentation skills and analytical mindset have been enhanced. In particular, we have made extraordinary efforts to overcome the challenges of social distancing during the suspension period of face-to-face lessons due to the pandemic outbreak. All the team members have collaborated closely to complete our sophisticated statistical researches by using web conference meeting and instant messaging technology.

To conclude, this unique learning journey has broaden our horizons and enlightened our school life. We highly recommend this competition to students who would like to understand more about our society in a scientific and objective manner through the proper use of research methods and statistical techniques.

Senior Winning Team – Holy Family Canossian College

Noticing the declining number of schoolmates in our adjacent cohorts, we are always curious about birth rate-related issues in Hong Kong. Apart from the reasons behind local babies becoming rarer, we are also interested in the impacts on long-term labour supply that the trend may bring about and ways to alleviate some negative ones. This competition has offered us a golden opportunity to join together and look into the causes and effects of the persistent low birth rate extensively and empirically. We are so honoured and pleased that the judges acknowledged our fruitful but yet-to-be profound findings.

With our brief experience in handling massive authentic data, we gained many experiences from researching and analysing. By discussing a clear direction on searching and selecting accurate data, we felt excited overcoming some hurdles in our project and finally presenting a consistent and logical report. Besides, we have also learnt some skills to interpret and present data, including organising data graphically so that people can easily comprehend them. We believe this precious journey would lay a solid foundation for more achievements in our future studies.