

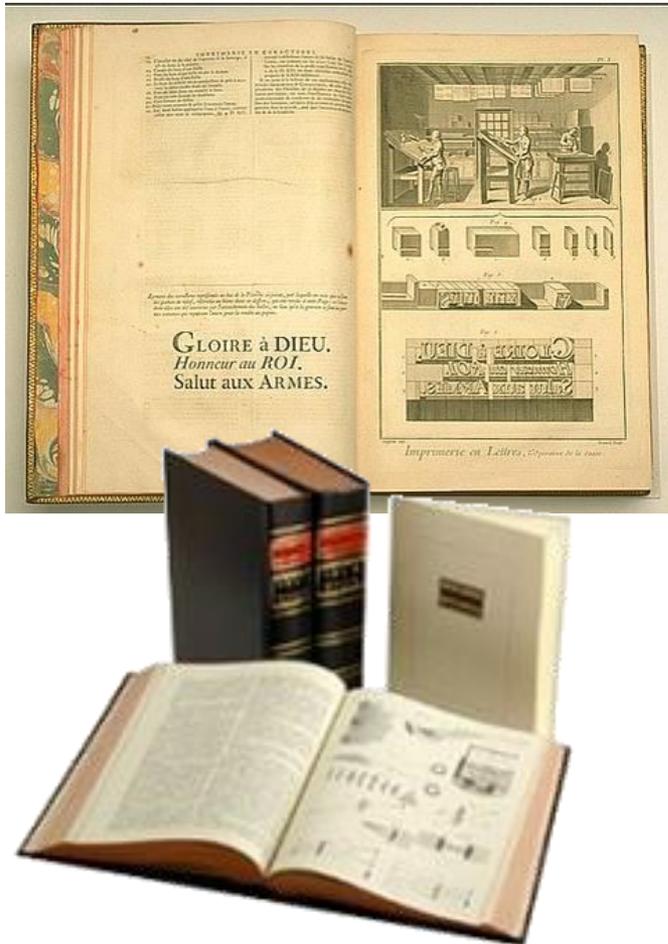
NEW

大英線上教育版 *Britannica Academic* 操作說明

Trusted by More Colleges & Universities
than Any Other General Reference Resource

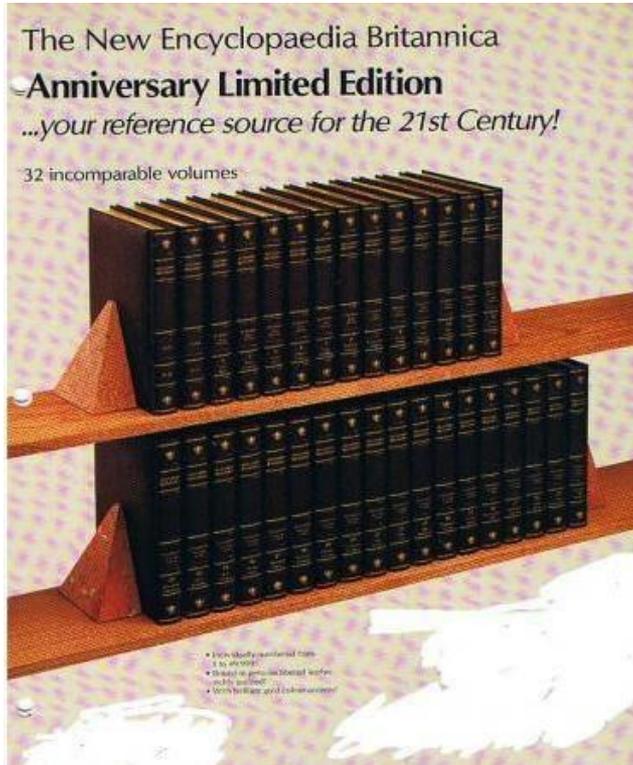


大英百科全書的歷史1



- ◆西元1751年到1780年，法國大學者狄德羅 (Denis Diderot 1713-1784)，網羅了當時啟蒙時代的184位學者專家以三十年時間編印完成的「科學藝術及專業知識百科全書」，是全世界第一套「現代百科全書」。
- ◆由於法國百科全書的出版，激發了歐洲各國紛紛跟進，其中最為成功、最為著名的就是青出於藍的「大英百科全書」(Encyclopedia Britannica)。大英的第一版在1768年的愛丁堡誕生，全書到1771年即已全部出齊，共有三冊，一上市就銷售一空。隨著每個時代的專家學者的加入，一版一版的改寫、修訂與擴充，其地位與價值也逐漸提高。

大英百科全書的歷史2



- ◆ 1901年美國出版商買下大英百科全書的版權，之後的出版與編輯工作逐步轉移到美國，並投入大量人力物力，邀集近140個國家和地區的4000位學者專家參與撰述，大量收入歐洲以外地區的資料，終於由「國家地域性的百科全書」躍昇為「世界性的百科全書」，確立了它在百科全書界中最高，最具權威的地位。(15th版, 3000萬usd)

大英百科的光榮再造



- ◆近幾年來，大英不斷進行內容的重塑與再造，跨出百科全書領域，進入教育資源領域，為教育機構量身定做線上產品，也因此將品牌名稱由”大英百科”改為”大英線上”。
- ◆在內容方面，大英線上教育版除了海量的百科知識文章，更囊括了傳記、圖片、影片、期刊、電子書、地圖集、字典…等內容。在功能方面，大英資料庫已可支援行動載具。
- ◆未來亦將不斷增加各類教育所需的內容，並為使用者提供更貼心的功能與服務。

2016年全新大改版

大英線上教育版

Britannica Academic

2016年7月改版重要功能：

1. 新增全文翻譯功能，英文一秒變中文。
2. 文章學習內容整合度更強，介面更清爽。
3. Workspace擴充為My Research(個人研究工作區)，一般使用者及老師，皆可線上管理學習輔助內容。
4. 與Image Quest整合查詢，若同時訂閱兩者，可整合查詢三百萬張圖片。

大英線上教育版

Britannica Academic

收錄內容 (1)

- 內容份量最多的知識性百科全書(**Eyclopedia**): 超過126,000篇文章、23,000篇傳記、超過6,600段動畫、影片，與27,000張的圖解、地圖、統計圖等。
- 與外部資源合作(**E-books, E-journals**): 超過24,000本電子書，800,000篇期刊論文
- 韋氏大辭典 (**Dictionary and Thesaurus**): 全球最通行的美式英語字典，超過225,000個詞條，並不斷新增字彙與新義。
- 世界地圖 (**World Atlas**): 提供超過215個國家的地圖、旗幟、統計資料、相關文章等。
- 大英教育圖庫整合查詢(**Image Quest**): 與Image Quest整合查詢，若同時訂閱兩者，可整合查詢三百萬張圖片！。

大英線上教育版

Britannica Academic

收錄內容 (2)

- **經典文獻、第一手資料、期刊摘錄 (Ebooks, Primary sources & Magazines):** 收錄古騰堡計畫經典文獻、原著第一手資料以及摘錄EBSCO期刊，使讀者一次掌握相關延伸資訊。
- **歷史上的今天 (On This Day):** 歷史不僅是過去的事件，也是現代生活的明鏡。On This Day提供深入有趣的歷史資料，吸引使用者探索。
- **最佳網站指南 (Web's Best Sites):** 可連結至超過100,000個大英精選的相關網站。
- **新聞資訊 (News):** 提供兩大媒體之知識型新聞資訊(*The New York Times & BBC News*)。

搜尋框:關鍵字檢索

Advanced Search:

進階檢索

Article:百科文章

Dictionary:字典

Primary Sources:

第一手資料

Journals/Periodicals:

期刊雜誌



What are you researching today?

Advanced Search

- ARTICLE BROWSE
- MEDIA BROWSE
- BIOGRAPHIES

ARTICLES • DICTIONARY • PRIMARY SOURCES
JOURNALS / PERIODICALS

Article Browse:

文章瀏覽

Media Browse:

影音圖片瀏覽

Biographies:

名人小傳

RESEARCH TOOLS



World Atlas

Search thousands of maps, flags, articles and statistics in this interactive World Atlas.



Compare Countries

A unique geography tool that gives you quick facts and statistics on any two countries side-by-side.



World Data Analyst

Comprehensive statistics on every nation of the world. Perform statistical comparisons between countries or explore changes over time.

ON THIS DAY



Burr and Hamilton duel

In 1804 Aaron Burr, outraged over disparaging remarks that Alexander Hamilton had allegedly made at a dinner party, fatally shot his longtime rival after challenging him to a duel.

[Read more](#)

INTRODUCING MY RESEARCH!

Create a personal account to save, organize and annotate your favorite content and media

[Login / Register](#)

World Atlas:

世界地圖

Compare Countries:

國家比較

World Data Analyst:

世界各國數據分析

On This Day:

歷史上的今天

New and Updated

Articles:最新內容
及最近更新文章

NEW AND UPDATED ARTICLES

[VIEW MORE](#)

July 12, 2016:

- occupational injury **NEW**
- methylation **NEW**
- George William Evans
- Newt Gingrich
- Lin-Manuel Miranda
- Andy Murray
- Cristiano Ronaldo

July 11, 2016:

- Colin Johnson
- subarachnoid hemorrhage **NEW**

RECOMMENDED PRIMARY SOURCES

Find letters, speeches, and other primary source material.

- Christopher Columbus's Letter to the King and Queen of Spain
- Code of Hammurabi
- Declaration of the Rights of Man
- Constitution of the United States
- Covenant of the League of Nations
- Charles Darwin's On the Origins of Species
- Truman Doctrine

Recommended

Primary Sources:

第一手資料推薦閱讀

News from New

York Times:紐約
時報新聞

NEWS FROM NEW YORK TIMES

- Obama, Traveling to Dallas, Seeks to Console and Reassure
- Your Evening Briefing
- Dallas Police Chief, David O. Brown, Is Calm at Center of Crisis
- With Prosecutors at Odds, U.S. Inquiry Into Eric Garner's Death Drags On
- Protesters Rally Against Police Shootings

BRITANNICA CONTRIBUTORS

Britannica's contributors include eminent scholars, experts, Nobel laureates, and world leaders, such as:



Bill Clinton
Former
President of the
United
States



Desmond
Tutu
South African
Anglican
Cleric

News from BBC

News: BBC新聞

NEWS FROM BBC NEWS

- David Cameron to chair final cabinet as UK prime minister
- Labour to decide on Corbyn ballot entry
- Pregnancy multivitamins 'are a waste of money'
- HSBC avoided US money laundering charges because of 'market risk' fears



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大英線上內容貢獻者

The screenshot shows the search results for the keyword "genetics". At the top, the search bar contains "genetics". Below it, there are sections for "Recommended articles" (listing "genetics" and "genetics, human (biology)"), "Images" (showing three images: a dog, a genetic diagram, and a family), and "Videos" (showing two video thumbnails).

輸入關鍵字，
網站自動列出您可能
想要檢索的字詞

進階檢索，設定檢索條件

包括全部的字詞
包括完整精確片語
包括其中任一字詞
不包括指定字詞
包括鄰近字詞



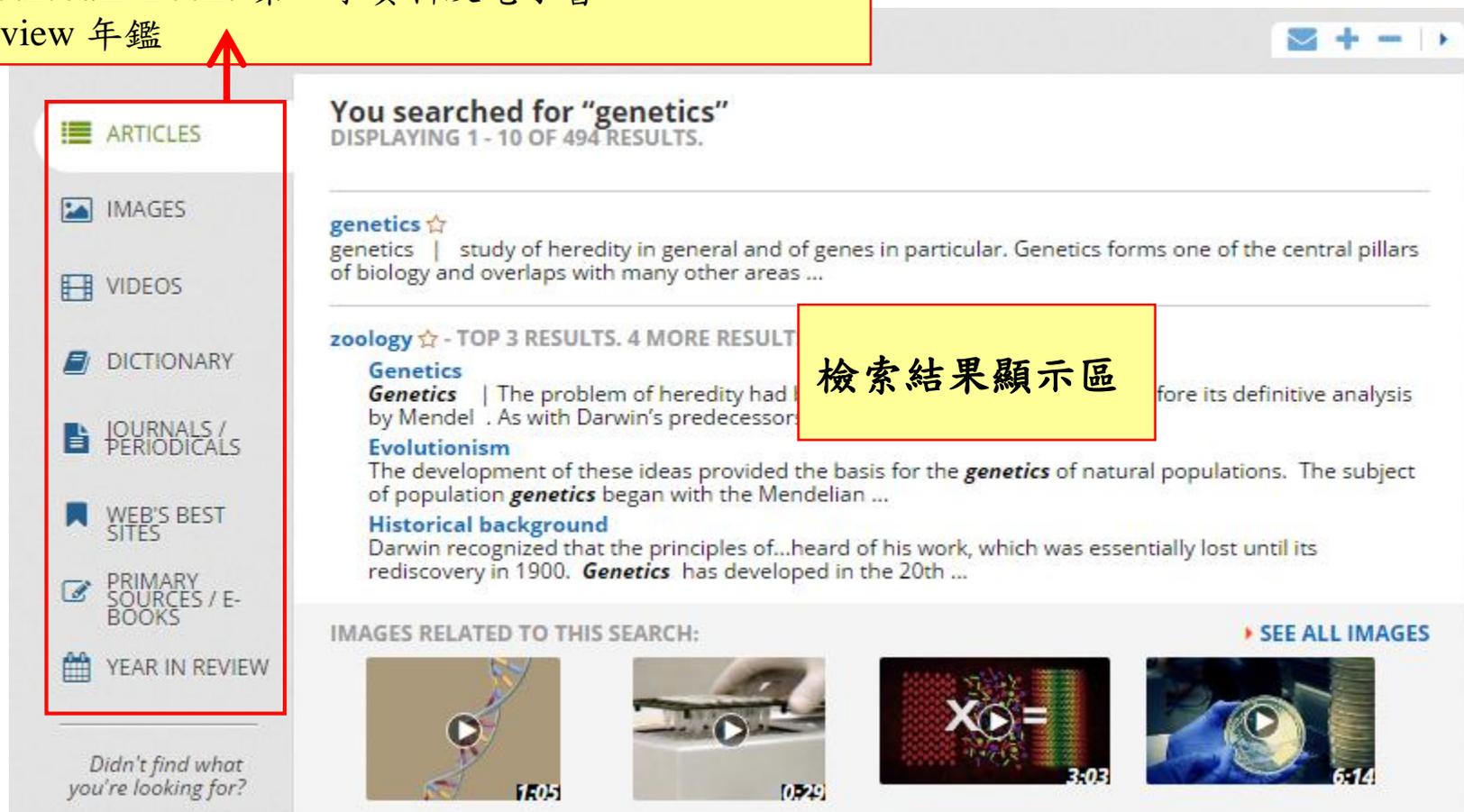
The advanced search options interface includes the following conditions, each with an input field:

- with **all** the words
- with the **exact phrase**
- with **any** of these words
- without** these words
- with these words **near** each other

There is a "Go" button on the right side of the interface.

大英線上資源檢索結果：

- Articles 百科文章
- Images 圖片/照片
- Videos 影音
- Journals/Periodicals 期刊雜誌
- Web's Best Sites 最佳網站指南
- Primary Sources/E-Books 第一手資料及電子書
- Year in Review 年鑑



You searched for "genetics"
DISPLAYING 1 - 10 OF 494 RESULTS.

genetics ☆
genetics | study of heredity in general and of genes in particular. Genetics forms one of the central pillars of biology and overlaps with many other areas ...

zoology ☆ - TOP 3 RESULTS. 4 MORE RESULTS

Genetics
Genetics | The problem of heredity had been studied by Mendel . As with Darwin's predecessor ... for its definitive analysis

Evolutionism
The development of these ideas provided the basis for the **genetics** of natural populations. The subject of population **genetics** began with the Mendelian ...

Historical background
Darwin recognized that the principles of...heard of his work, which was essentially lost until its rediscovery in 1900. **Genetics** has developed in the 20th ...

IMAGES RELATED TO THIS SEARCH: [SEE ALL IMAGES](#)

1:05 0:29 3:03 6:14

The screenshot shows the Britannica article page for 'Genetics'. The page layout includes a top navigation bar with 'Article', 'Images & Videos', 'Related', and 'Article History' tabs. A sidebar on the left contains a table of contents and 'RELATED RESOURCES FOR THIS ARTICLE'. The main content area features an 'Introduction' section with a video player and text describing genetics. A search bar at the bottom left is also visible.

- Article 百科文章
- Images & Videos 圖片影音
- Related 相關內容
- Article History 文章編修歷史



- 功能列：
- 我的最愛
 - 列印
 - 電郵轉寄
 - 引用
 - 翻譯
 - 字體放大縮小

- [+] Expand All
- Introduction
 - Historical background
 - Time line of important milestones
 - 文章目錄**
 - Areas of study
 - Methods in genetics
 - Applied genetics
 - Additional Reading

- RELATED RESOURCES FOR THIS ARTICLE
- Articles
 - Primary Sources & E-Books
 - Web's Best Sites

其他相關資源

點選地球小圖示，即浮現全文翻譯視窗

選擇欲翻譯的目標語言(例如:繁體中文)，即將您所在的百科文章譯為目標語言。點選網頁右上角的叉叉，即可回復原文。



Global warming, the phenomenon of increasing temperatures near the surface of Earth over centuries. Climate scientists have since the detailed observations of various weather patterns (such as ocean currents and the atmosphere composition). These data indicate that Earth over almost every conceivable timescale since the beginning of the Industrial Revolution the very fabric of climate change.

Choose a language from the menu above to view a computer-translated version of this page. Please note: Text within images is not translated, some features may not work properly after translation, and the translation may not accurately convey the intended meaning. Britannica does not review the converted text.

After translating an article, all tools except font up/font down will be disabled. To re-enable the tools or to convert back to English, click "view original" on the Google Translate toolbar.



全球變暖，增加平均空氣的現象的溫度的表面。氣候科學家們自20世紀中葉聚集的各種降水和暴風雨)和相關影響氣候(如洋流和大表明，地球的氣候，因為地質時間的開始和的以想像的時間表人，因為至少有開始活動的料非常的氣候變化。

讓聲音越來越定罪的最科學界的氣候變化政府象組織(WMO)和成立於1988年聯合國環境IPCC的報告說，1880至2012年間的全球平均地表溫度上升。當相對於工業化前(即增加是更接近1.1°C(2.0°F)。警監會指出，大部分在20世紀後中期觀察到的變暖可能歸因於人類活動。據預測，到21世紀末全球平均地表溫度將0.3

影音播放區，可全螢幕放大

其它影音檢索結果

The screenshot shows a video player interface. The main video area displays a diver underwater, which is highlighted by a red box. A red arrow points from this box to a yellow callout box above it. Below the video, a red box highlights the subtitle area, with a red arrow pointing to a yellow callout box below it. On the right side, a vertical list of video thumbnails is shown, with a red arrow pointing from a yellow callout box above it to the top thumbnail. The video title 'coral and global warming' is visible at the top left. The subtitle text reads: '[narrator] Papeete on the island of Tahiti - diver Joël Orempuller is preparing for his next underwater investigation. No one knows the coral off the coast of Tahiti better than him. This lagoon is a second home to him - and he's worried about it. Slowly but surely, the reef is changing. Experts like Joël warn that this could have dire consequences. Joël has dived down to the reef over 3,000 times to photograph the coral and record his findings. It's very clear to him that climate change is already having an impact on these sensitive organisms. Constantly changing currents and water temperatures are forcing them to keep adapting. Coral live in shallow waters that... appears in the following'.

旁白內容，可輔助英語聽力學習

以英文或中文輸入國家或城市名稱,例如:New York



Search thousands of maps, flags, articles and statistics in this interactive World Atlas.



• Zoom in by double-clicking on an area or using the + and - buttons.
• Change the area of the world that's visible by clicking and dragging the map to what you'd like to see.



在新 York 地圖上, 可看到城市簡介, 也可鏈結閱讀全文

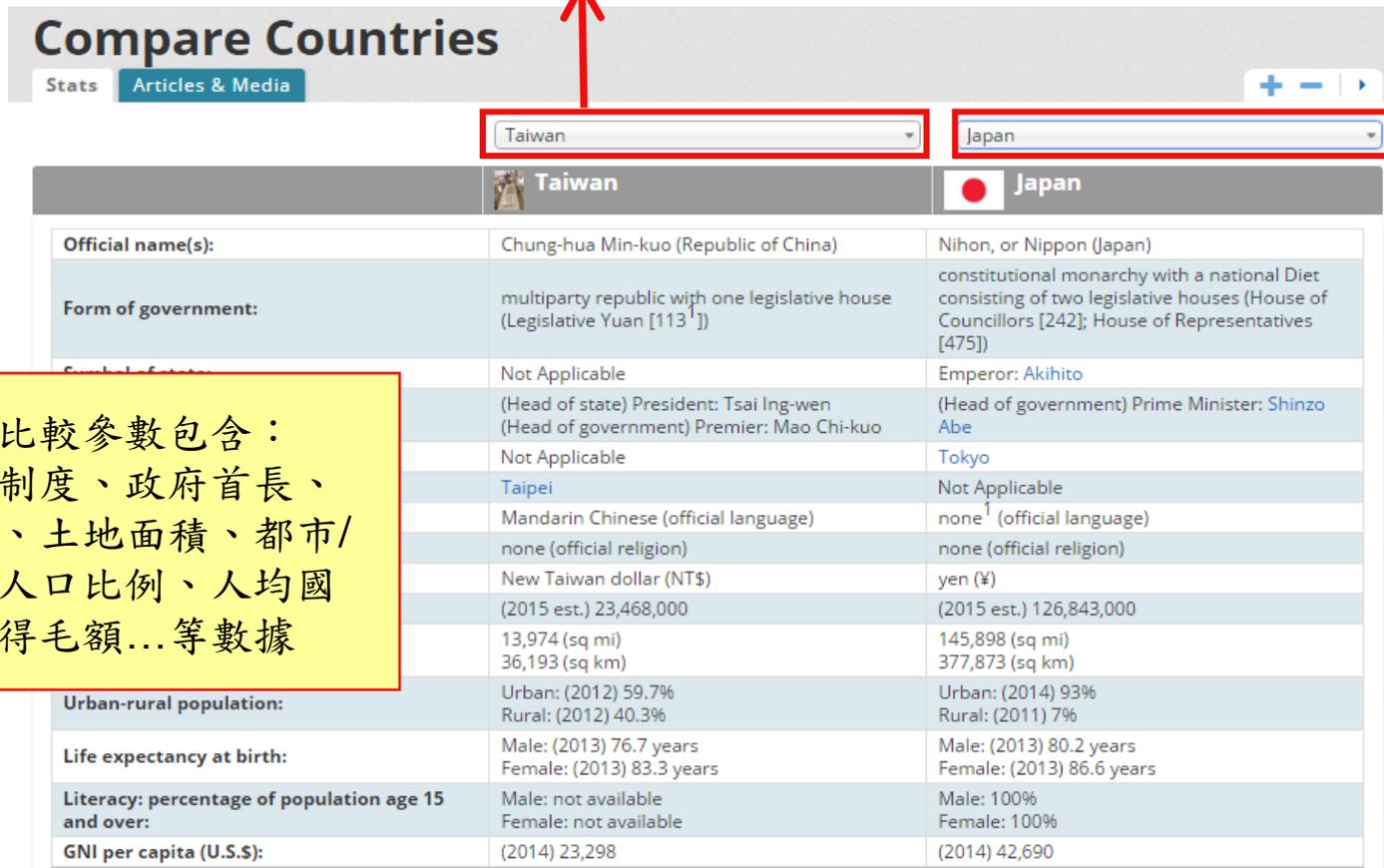


與 New York 相關的百科文章

在這裡任選兩個國家，
進行比較

Compare Countries

A unique geography tool that gives you quick facts and statistics on any two countries side-by-side.



The screenshot shows the 'Compare Countries' tool interface. At the top, there are tabs for 'Stats' and 'Articles & Media'. Below the tabs are two dropdown menus for selecting countries, with 'Taiwan' and 'Japan' selected. A red arrow points from the text box above to the 'Taiwan' dropdown. Below the dropdowns is a table comparing various statistics for Taiwan and Japan.

	Taiwan	Japan
Official name(s):	Chung-hua Min-kuo (Republic of China)	Nihon, or Nippon (Japan)
Form of government:	multiparty republic with one legislative house (Legislative Yuan [113 ¹])	constitutional monarchy with a national Diet consisting of two legislative houses (House of Councillors [242]; House of Representatives [475])
Capital:	Not Applicable	Emperor: Akihito
Head of state:	(Head of state) President: Tsai Ing-wen	(Head of government) Prime Minister: Shinzo Abe
Head of government:	(Head of government) Premier: Mao Chi-kuo	
Population:	Not Applicable	Tokyo
Major city:	Taipei	Not Applicable
Official language(s):	Mandarin Chinese (official language)	none ¹ (official language)
Religion:	none (official religion)	none (official religion)
Currency:	New Taiwan dollar (NT\$)	yen (¥)
GDP (nominal):	(2015 est.) 23,468,000	(2015 est.) 126,843,000
Area:	13,974 (sq mi) 36,193 (sq km)	145,898 (sq mi) 377,873 (sq km)
Urban-rural population:	Urban: (2012) 59.7% Rural: (2012) 40.3%	Urban: (2014) 93% Rural: (2011) 7%
Life expectancy at birth:	Male: (2013) 76.7 years Female: (2013) 83.3 years	Male: (2013) 80.2 years Female: (2013) 86.6 years
Literacy: percentage of population age 15 and over:	Male: not available Female: not available	Male: 100% Female: 100%
GNI per capita (U.S.\$):	(2014) 23,298	(2014) 42,690

國家比較參數包含：
政府制度、政府首長、
人口、土地面積、都市/
鄉村人口比例、人均國
民所得毛額...等數據

Current Comparisons

Compare countries using historical data.

Step 1: Select Countries

Choose the country or countries to be displayed.

Options:

Sudan
Suriname
Swaziland
Sweden
Switzerland
Syrian Arab Republic
Taiwan
Tajikistan
Tanzania
Thailand

Add >

< Delete

Reset

Step1: 在這裡任選兩個以上的國家, 按"Add", 進入分析

Finland
Norway
Sweden

Step 2: Select Statistics

Choose the statistics to be displayed. Note: You cannot select the category titles (Demography, etc.). You can jump to a category by typing a letter (D = Demography, V = Vital Statistics, N = National Economy, F = Foreign Trade, E = Education and Health, T = Transportation and Communication, M = Military).

Options:

Demography
· Area and population-population (by decade, '000s)-2010 projection
· Area and population-population (by decade, '000s)-2020 projection
· Area and population-area-square miles
· Area and population-area-square kilometres
· Area and population-area-rank
· Area and population-population (latest estimate)-rank
· Area and population-population (latest estimate)-total midyear
· Area and population-population (latest estimate)-% annual growth rate
· population (latest estimate)-density-per sq mi

Add >

< Delete

Reset

Step2: 然後選擇您想要分析的項目, 1個或多皆可。

Step3: 選擇呈現方式, Table是以表格數據呈現; Chart是以圖表呈現

Step 3: Select the Display Format

Choose to create a table or chart

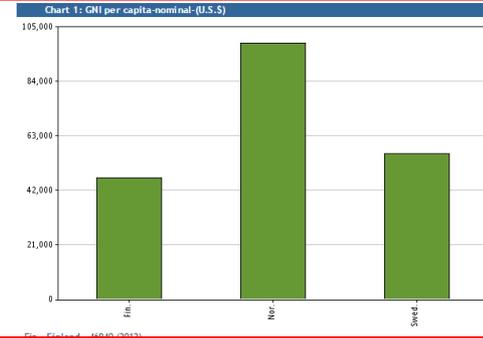
Create a Table >

Create a Chart >

Current Comparison 現況分析 “Table” 表格呈現方式：

	Area and population-population (by decade, '000s)-2020 projection	Year	GNI per capita-nominal-(U.S.\$)	Year
 Finland	5621	-	46940	2012
 Norway	5565	-	98860	2012
 Sweden	9941	-	56210	2012

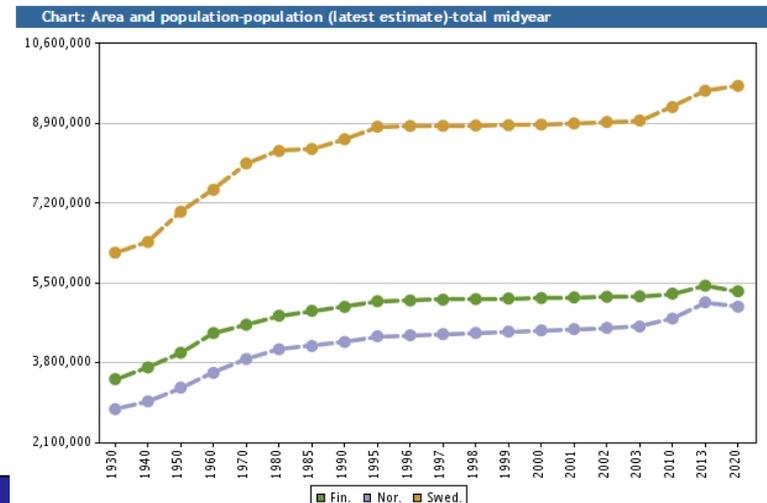
Current Comparison 現況分析 “Chart” 圖表呈現方式：



Chronological Comparison 逐年分析 “Table” 表格呈現方式：

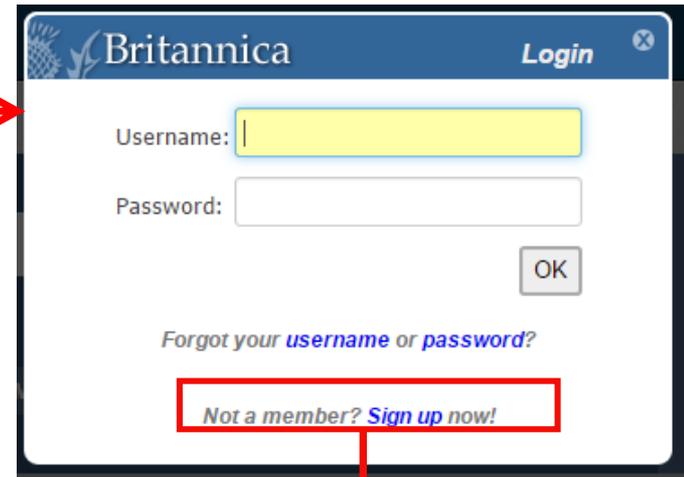
Year(s)	 Finland	 Norway	 Sweden
1930	3449000	2807000	6142000
1940	3698000	2973000	6371000
1950	4009000	3265000	7013720
1960	4430000	3581000	7480229
1970	4606000	3877000	8042343
1980	4799964	4085620	8310410
1985	4902206	4152516	8350312
1990	4986431	4241473	8558514
1995	5107790	4359184	8826846

Chronological Comparison 逐年分析 “Chart” 表格呈現方式：



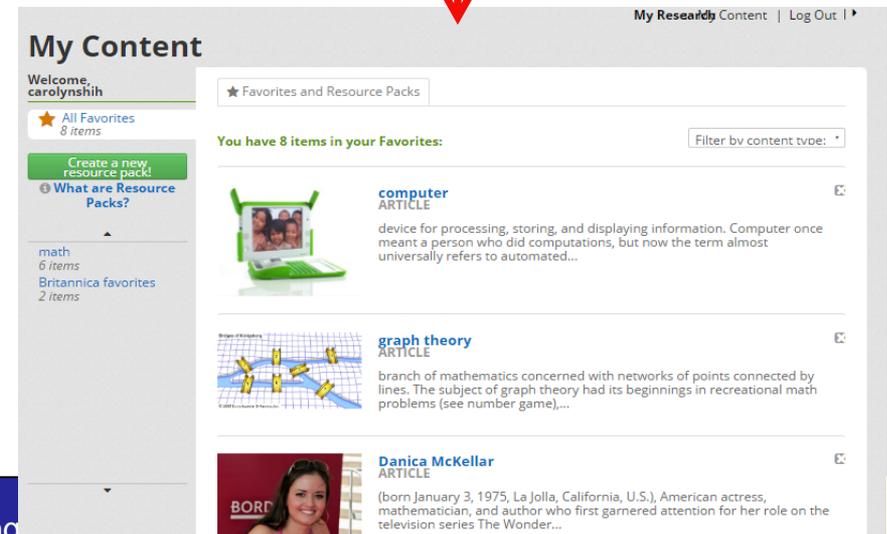


網站右上角，點選”My Research Login”



點選”Sign up”輸入自訂的帳號密碼以及電郵信箱,按OK, 即可擁有My Research功能

登入個人研究工作區(My Research), 即可收藏管理自己有興趣的百科文章, 建立終身學習與閱讀紀錄。老師還可線上編輯教學輔助內容(My Content/Resource Packs), 課堂運用更容易!



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