

香港能源最終用途數據 Hong Kong Energy End-use Data 2026

機電工程署
EMSD



關於本報告

About this Report

自 1998 年起，《香港能源最終用途數據》已發布超過 20 年，其間全球經濟發展帶動能源需求持續增長。《香港能源最終用途數據》內容包括不同能源的使用量及其用途，如用於空氣調節、照明及煮食等資料。數據幫助市民、學術界及業界了解本地能源的使用模式及用途，並提高各界對香港能源發展的認識。數據每年更新，為政府提供參考資料，以制定及檢討能源效益方面的政策。

香港政府發布《香港氣候行動藍圖 2050》，以「零碳排放 • 綠色宜居 • 持續發展」為願景，提出香港應對氣候變化和實現碳中和的策略和目標。氣候行動藍圖講述「淨零發電」、「節能綠建」、「綠色運輸」和「全民減廢」四大減碳策略和措施，帶領香港邁向碳中和。未來我們仍需不懈努力，在市民和社會各界的共同努力下，以達長遠節能減碳目標。

The "Hong Kong Energy End-use Data" (HKEEUD) has been published over 20 years since 1998, during which the global economic development led to continued growth in energy demand. The HKEEUD covers energy consumption data of different fuel types and specific purposes for which they are consumed, e.g. air conditioning, lighting, cooking, etc. The data provides an understanding of the energy consumption patterns and usages, and arouses public, academia and the private sector interest and concern over the development of energy in Hong Kong. The data is updated annually, it serves as a reference for the Government to formulate and evaluate energy efficiency policies.

The "Hong Kong's Climate Action Plan 2050" issued by the Government, setting out the vision of "Zero-carbon Emissions • Liveable City • Sustainable Development", and outlining the strategies and targets for combating climate change and achieving carbon neutrality. Leading Hong Kong towards the goal of carbon neutrality, the plan outlines the four major decarbonisation strategies and measures, namely net-zero electricity generation, energy saving and green buildings, green transport and waste reduction. In the future, we still need to make unremitting efforts, with the joint efforts of the public and different sectors, to achieve long-term energy conservation and decarbonisation goals.



目錄

Contents

1 引言	
Introduction	3
2 概觀	
Overview	6
3 一般能源數據	
General Energy Data	
3.1 燃料	
Fuel	12
3.2 類別	
Sector	18
3.3 最終用途	
End-use	23
3.4 可再生能源	
Renewable Energy	30
4 能源使用	
Energy Consumption	
4.1 住宅類別	
Residential Sector	34
4.2 商業類別	
Commercial Sector	44
4.3 工業類別	
Industrial Sector	57
4.4 運輸類別	
Transport Sector	68
5 註釋	
Notes	73
6 主要修訂年表	
Chronology of Major Revisions	75
7 計量單位	
Units of Measurement	79

1 引言 Introduction

這本「香港能源最終用途數據 2026」冊子記錄香港在 2014 年至 2024 年間能源最終用途的數據。

「能源最終用途」是指在一次能源需求¹中，扣除能源轉化和分發過程中所使用或損耗的全部能源後，由最終使用者用於能源用途的全部能源。

「能源最終用途數據」並不包括出口能源、本港與其他經濟體之間的運輸用能源。

由 2014 年至 2024 年，香港的總能源使用整體呈現下降趨勢，由 282,992 太焦耳²減少至 275,003 太焦耳，減逾 2.8%。在 2024 年，平均每—香港人所用的能源最終用途量為 36.5 千兆焦耳³，較 2014 年下降 6.6%（平均按年下降率為 0.7%）。

按使用類別（即住宅、商業、工業及運輸）劃分，不同類別的總能源使用各有增減。其中，運輸類別的總能源使用跌幅最為顯著，較 2014 年減少達 12,401 太焦耳（14.0%）（見第 71 頁圖表 46）。

An energy end-use data set for Hong Kong from 2014 to 2024 is provided in this booklet "Hong Kong Energy End-use Data 2026".

The "energy end-use" refers to the amount of energy consumed by end users for all energy purposes. It equals to the deduction of all energy used or lost in the energy transformation and distribution processes from "Primary energy requirements" (PER)¹.

The "energy end-use data" does not include energy exported, energy used for transportation purposes between Hong Kong and other economies.

From 2014 to 2024, the overall energy consumption of Hong Kong showed a downward trend from 282,992 TJ² to 275,003 TJ, representing a reduction of over 2.8%. In 2024, the average energy consumption per capita in Hong Kong was 36.5 GJ³, representing a drop of 6.6% compared to 2014 (decreased at an average annual rate of 0.7%).

Total energy consumption trends varied across different sectors (residential, commercial, industrial, and transport), showing a mix of increases and decreases. The transport sector recorded the most notable decline of 12,401 TJ (14.0%) in the total energy consumption as compared to 2014 (see Chart 46 on page 71).



1. 一次能源需求是指本地生產的能源數量加能源進口量（減去轉口及出口量），並減去船庫所需能源，然後再就貯存量作出調整而得。
Primary Energy Requirements (PER) refers to the sum of indigenous production and import energy (less re-export and export), less the bunkers' usage and adjusted by stock change.
2. 1 太焦耳相等於「 1×10^{12} 焦耳 (J)」。
1 Terajoule (TJ) equals to " 1×10^{12} joule (J)".
3. 每一千兆焦耳 (GJ) 相等於「 1×10^9 焦耳 (J)」或相等於「 1×10^{-3} 太焦耳 (TJ)」。
Each Giga Joule (GJ) equals to " 1×10^9 joule (J)" or equals to " 1×10^{-3} Terajoule (TJ)".

在此段期間，商業類別及住宅類別的總能源使用則有所增長，分別上升 5,497 太焦耳及 651 太焦耳（4.6% 和 1.0%）。在各類型商業活動中，食肆與零售業的總能源使用均錄得下調。然而，個別商業組別的總能源使用持續上升，當中以數據中心最為顯著（見第 51 頁表格 34）。同期住宅類別總能源使用的增長，主要由過去十年間住宅空調需求日益增加（見第 37 頁圖表 27），以及住戶數目的增長對所帶動，前者與本港平均氣溫持續上升有密切關係。工業類別的總能源用同期錄得 1,736 太焦耳（13.4%）的跌幅（見第 58 頁章節 4.3）。

本港的能源最終用途在燃料種類方面的需求出現明顯轉變。在過去十年間，本港電力使用有所上升，2024 年較 2014 年共增加 8,783 太焦耳（5.6%）（見第 15 頁表格 2）。相反，傳統化石燃料的使用則全面下降，其中煤氣及石油氣的使用銳減 9,910 太焦耳（19.5%），而石油及煤產品的消耗亦減少 6,862 太焦耳（9.3%）。

In the same period, the commercial and residential sectors recorded an increase of 5,497 TJ and 651 TJ respectively (4.6% and 1.0%) in total energy consumption. Amongst various business activities of the city, the energy consumption in restaurant and retail segments reduced. However, certain commercial segments saw a continuous rise in total energy consumption, most significantly in data centres (see Table 34 on page 51). Meanwhile, the growth in the residential energy consumption was mainly driven by the rising need for air conditioning (see Chart 27 on page 37), and the increment in the number of households over the past decade. The elevating demand for cooling could be closely linked to the mounting average temperatures in Hong Kong. During this period, the total energy consumption in the industrial sector recorded a fall of 1,736 TJ (13.4%) (see section 4.3 on page 58).

As far as the types of fuels in energy end-use is concerned, Hong Kong experienced a prominent shift in fuel demands. Over the last decade, the city's electricity consumption grew by 8,783 TJ (5.6%) in 2024 compared to 2014 (see Table 2 on page 15). On the contrary, the consumption of traditional fossil fuels declined, with that of town gas and liquefied petroleum gas (LPG) plunged by 9,910 TJ (19.5%), while that of oil & coal products dropped by 6,862 TJ (9.3%).



「能源強度」⁴ 是用來衡量一個經濟體系如何有效地使用能源來製造經濟輸出（即「本地生產總值」）。

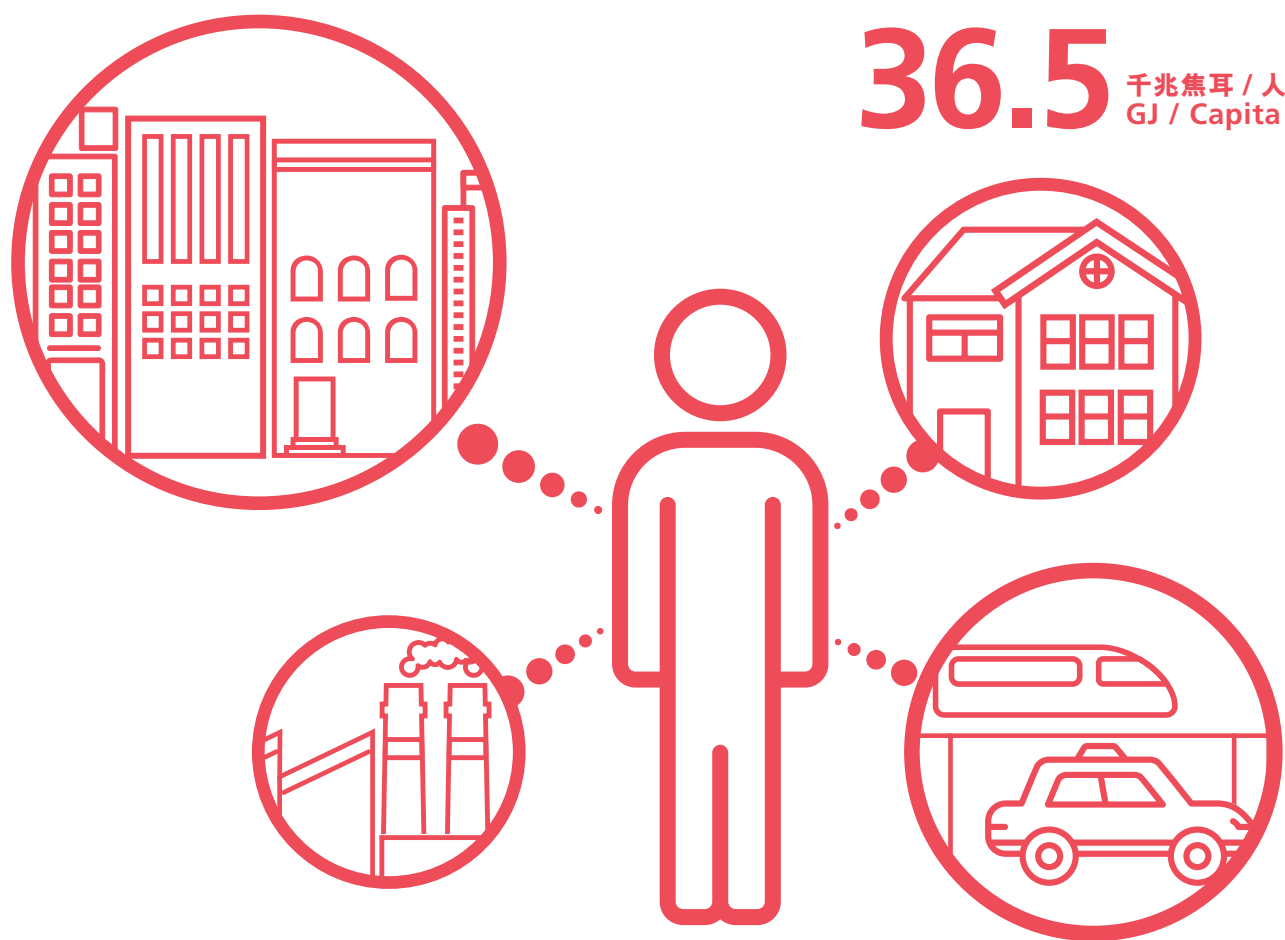
在 2024 年間，275,003 太焦耳作為「能源最終用途」使用於香港。而從經濟角度來看，「本地生產總值」約為 31,865 億港元。在 2024 年間，「能源強度」每十億港元是 86 太焦耳。

在 2014 年至 2024 年間，香港的「能源強度」已下降了 12.8%（平均按年下降率是 1.4%）。

"Energy Intensity"⁴ is used to gauge the efficient use of energy in producing economic output of an economy in terms of "GDP".

In 2024, 275,003 TJ was consumed as "energy end-use" in Hong Kong. On an economy-wide perspective, the "GDP" was about 3,186.5 billion HK dollar. The "Energy Intensity" was 86 TJ per billion HK dollar in 2024.

The "Energy Intensity" of Hong Kong was reduced by 12.8% from 2014 to 2024 (Decreased at an average annual rate of 1.4%).



圖片 Figure 1

人均所用能源

Energy Consumption Per Capita

4. 「能源強度」是「能源最終用途」和「本地生產總值」的比例。（即每生產一單位「本地生產總值」時所使用的「能源最終用途」量）。

"Energy Intensity" is represented by the ratio of "energy end-use" to "GDP" (i.e. the amount of "energy end-use" consumed in producing a unit of "GDP").

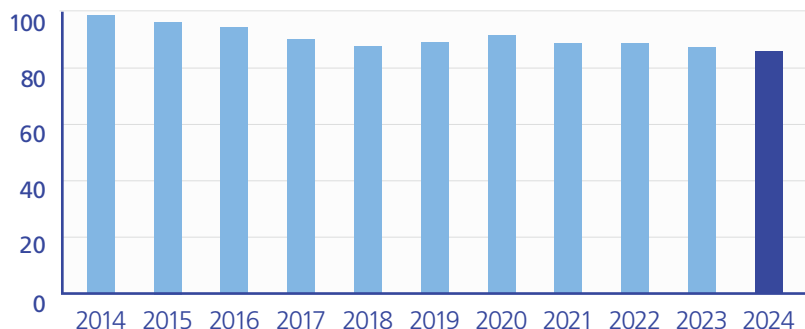
2 概觀 Overview

圖表 Chart 1

能源最終用途 (太焦耳) / 本地生產總值 (十億港元) *
Energy End-use (TJ) / GDP (HK\$ billion)

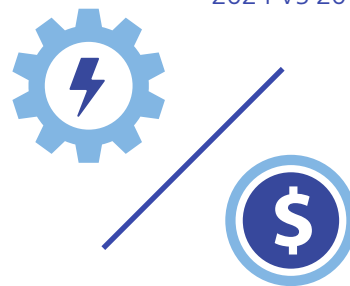
參考表格 Refer Table 1

單位 Unit: 太焦耳 / 十億港元 TJ / HK\$ billion



↓ 12.8%

2024 對比 2014
2024 VS 2014

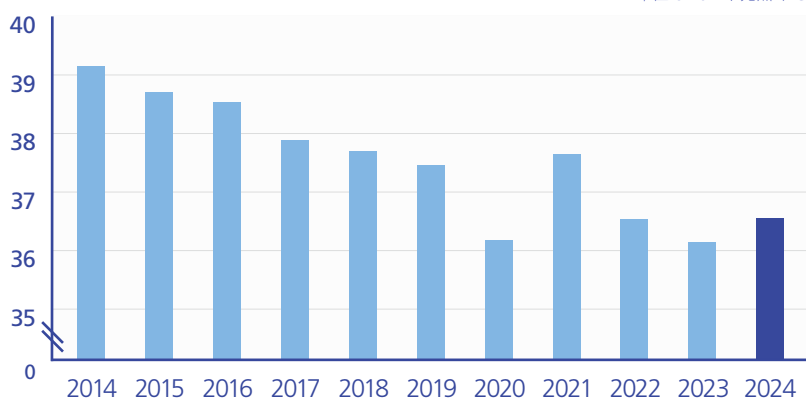


圖表 Chart 2

人均能源最終用途 (千兆焦耳)
Energy End-use / Capita (GJ)

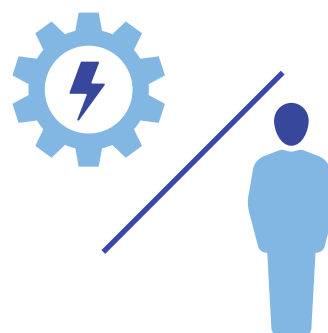
參考表格 Refer Table 1

單位 Unit: 千兆焦耳 GJ



↓ 6.6%

2024 對比 2014
2024 VS 2014

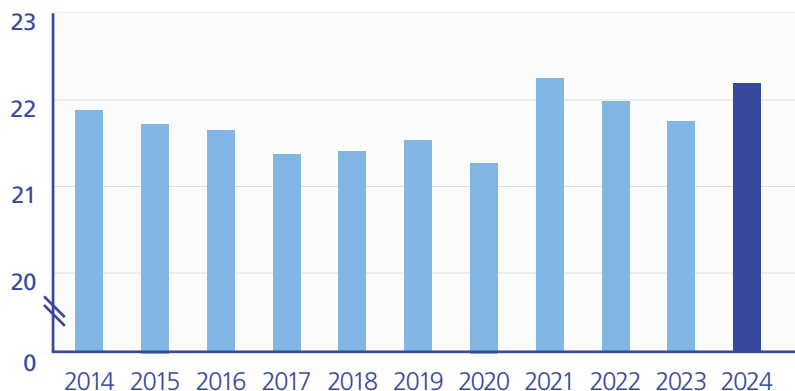


圖表 Chart 3

人均用電量 (千兆焦耳)
Electricity / Capita (GJ)

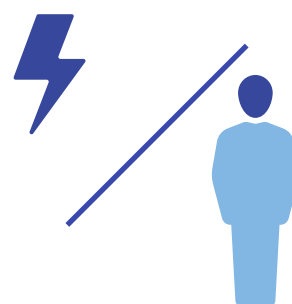
參考表格 Refer Table 1

單位 Unit: 千兆焦耳 GJ



↑ 1.4%

2024 對比 2014
2024 VS 2014



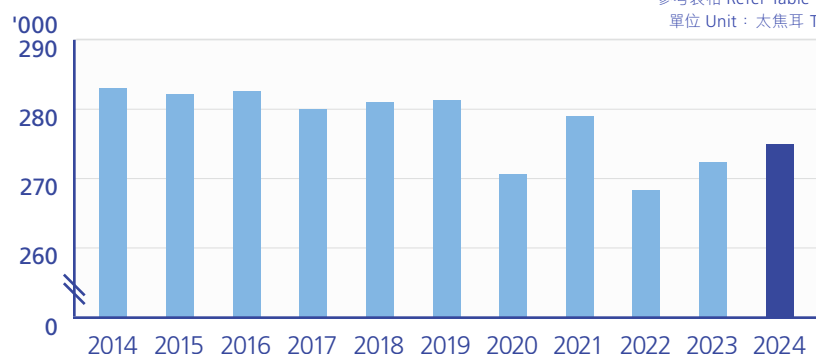
* 根據「香港都市節能藍圖 2015–2025+」以 2005 年為基年，香港的能源強度在 2005 年至 2024 年間已減少了 36.0%。

According to the "Energy Saving Plan For Hong Kong's Built Environment 2015–2025+" using 2005 as base year, Hong Kong's energy intensity has decreased by 36% from 2005 to 2024.

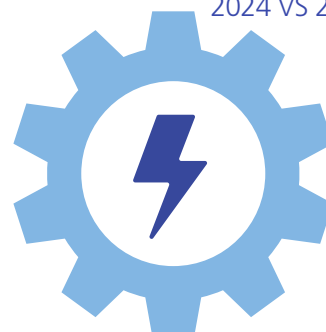
圖表 Chart 4

能源最終用途 (太焦耳)

Energy End-use (TJ)

參考表格 Refer Table 1
單位 Unit: 太焦耳 TJ

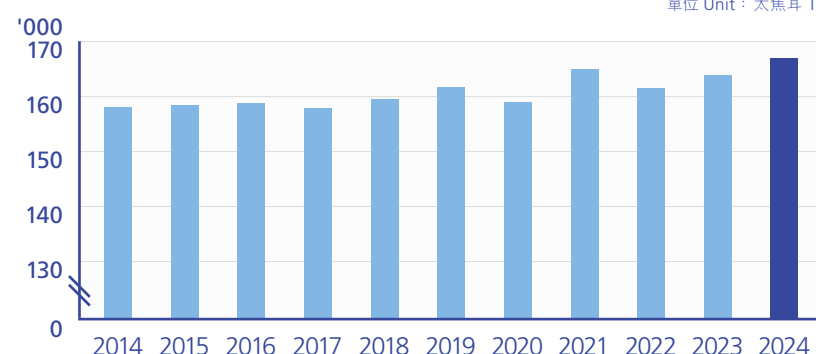
↓ 2.8%

2024 對比 2014
2024 VS 2014

圖表 Chart 5

電量最終用途 (太焦耳)

Electricity End-use (TJ)

參考表格 Refer Table 1
單位 Unit: 太焦耳 TJ

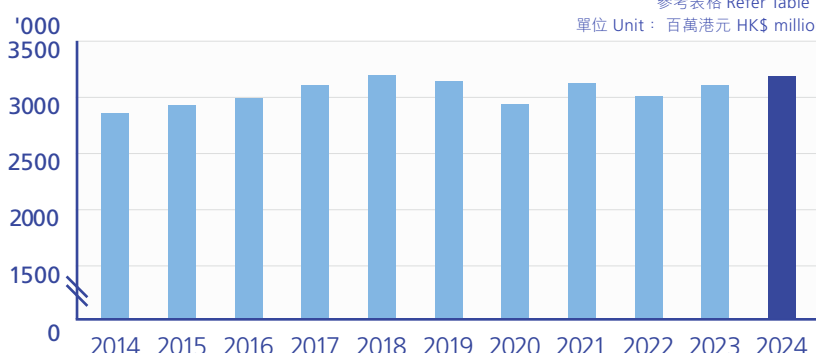
↑ 5.6%

2024 對比 2014
2024 VS 2014

圖表 Chart 6

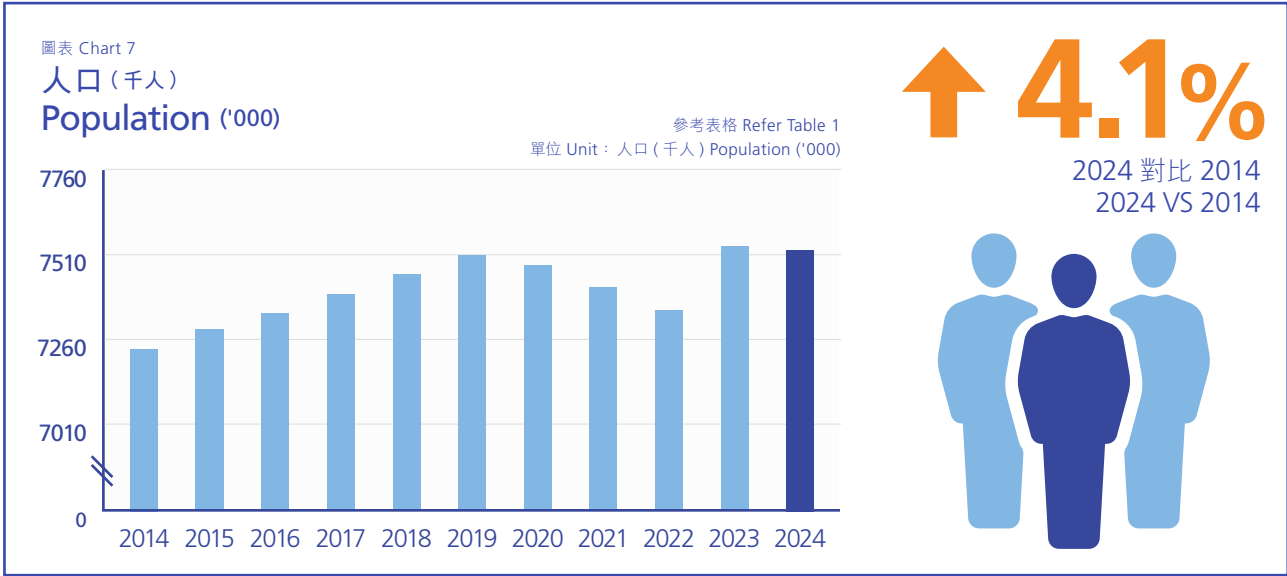
香港按 2024 年環比物量計算的生產總值 (百萬港元)

GDP in Hong Kong in chained 2024 HKD (HK\$ million)

參考表格 Refer Table 1
單位 Unit: 百萬港元 HK\$ million

↑ 11.4%

2024 對比 2014
2024 VS 2014

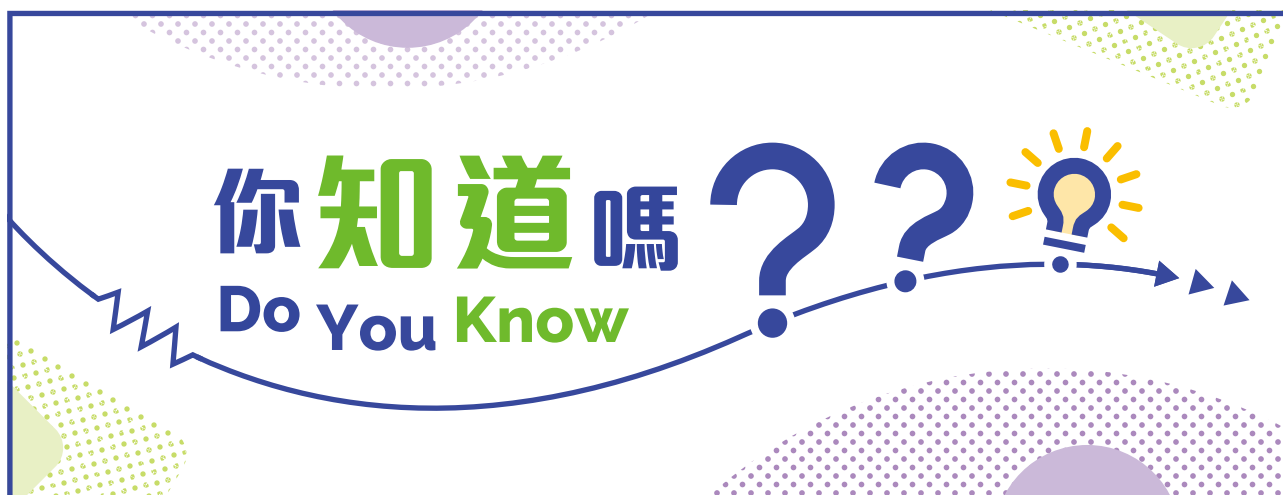


表格 Table 1

主要最終能源使用數據

Key Energy End-use Data

能源最終用途 (太焦耳) / 本地生產總值 (十億港元) Energy End-use (TJ) / GDP (HK\$ billion)		人均能源最終用途 (千兆焦耳) Energy End-use / Capita (GJ)	人均用電量 (千兆焦耳) Electricity / Capita (GJ)	能源最終用途 (太焦耳) Energy End-use (TJ)	電量最終用途 (太焦耳) Electricity End-use (TJ)	香港按 2024 年 環比物量計算的 生產總值 (百萬港元) GDP in Hong Kong in chained 2024 HKD (HK\$ million)	人口 (千人) Population ('000)
見圖表 Refer Chart 1		見圖表 Refer Chart 2	見圖表 Refer Chart 3	見圖表 Refer Chart 4	見圖表 Refer Chart 5	見圖表 Refer Chart 6	見圖表 Refer Chart 7
2014	99	39	22	282,992	158,148	2,860,429	7,230
2015	96	39	22	282,150	158,380	2,928,731	7,291
2016	94	39	22	282,684	158,841	2,992,444	7,337
2017	90	38	21	279,951	157,977	3,106,040	7,393
2018	88	38	21	280,995	159,494	3,194,466	7,453
2019	90	37	22	281,279	161,670	3,141,042	7,508
2020	92	36	21	270,650	159,100	2,935,468	7,481
2021	89	38	22	279,045	164,929	3,124,935	7,413
2022	89	37	22	268,377	161,497	3,009,771	7,346
2023	88	36	22	272,327	163,897	3,104,588	7,536
2024	86	37	22	275,003	166,931	3,186,526	7,524

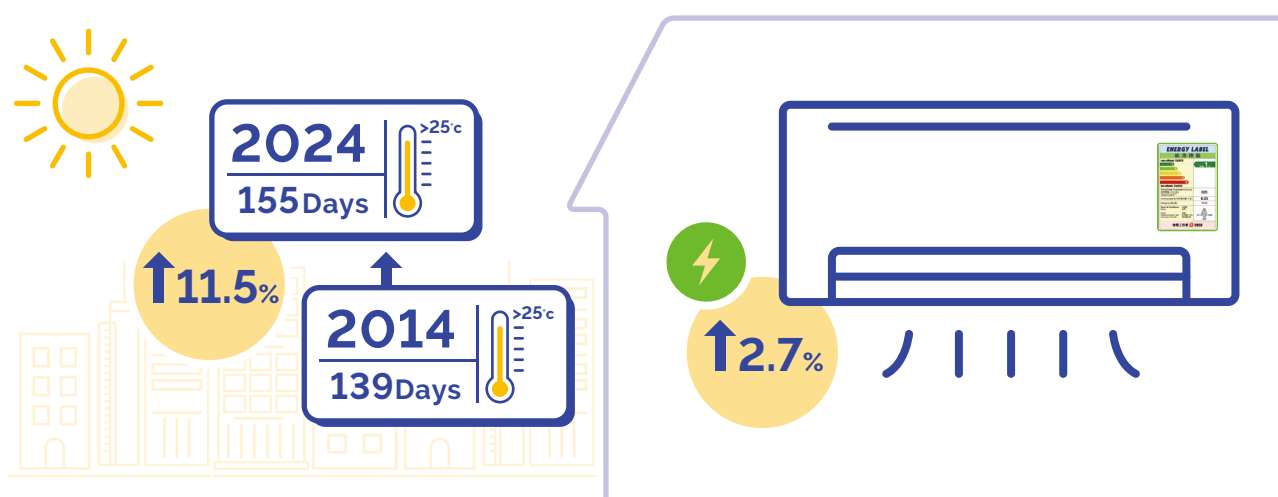


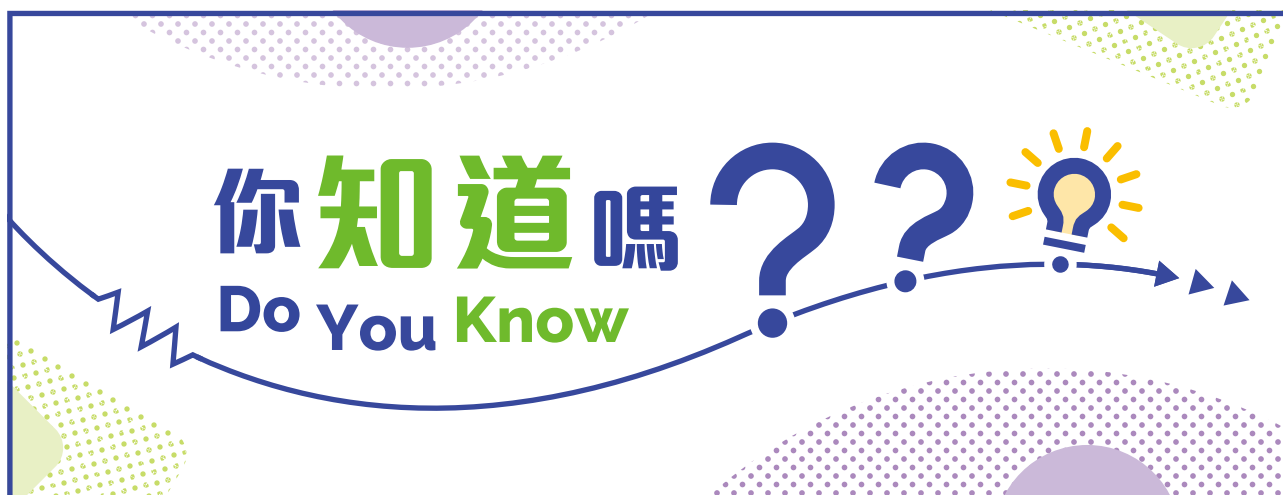
根據香港天文台數據顯示，在 2014 年至 2024 年間，最低溫度高於攝氏 25 度的日數，由 139 日增加至 155 日，增幅達 11.5%。同期本港平均每戶家庭用於空調的電力則錄得 2.7% 增長。

縱使每戶家庭用於空調的電力增長較炎熱日數的升幅為低，但在面對氣候變化帶來的挑戰下，市民在購置或更換空調機時，應選購能源效益最高的產品，如貼有『1 級』能源標籤的型號和變頻款式。此舉不僅能為各個家庭進一步節省電費開支，更是推動香港邁向 2050 年碳中和目標的關鍵一步。

According to data from the Hong Kong Observatory, between 2014 and 2024, the number of days with a minimum temperature above 25 degrees Celsius increased from 139 days to 155 days, representing an 11.5% rise. Over the same period, the average electricity consumption for air conditioning per household in Hong Kong recorded a 2.7% increase.

Although the growth of electricity consumption for air conditioning per household was lower than the rise in the number of hot days, confronting the challenges posed by climate change, the public shall choose the most energy-efficient products when purchasing or replacing air conditioners, such as models with a "Grade 1" energy label and those of inverter-type. This not only helps households to further reduce their electricity bills but also represents a crucial step towards achieving Hong Kong's goal of carbon neutrality by 2050.



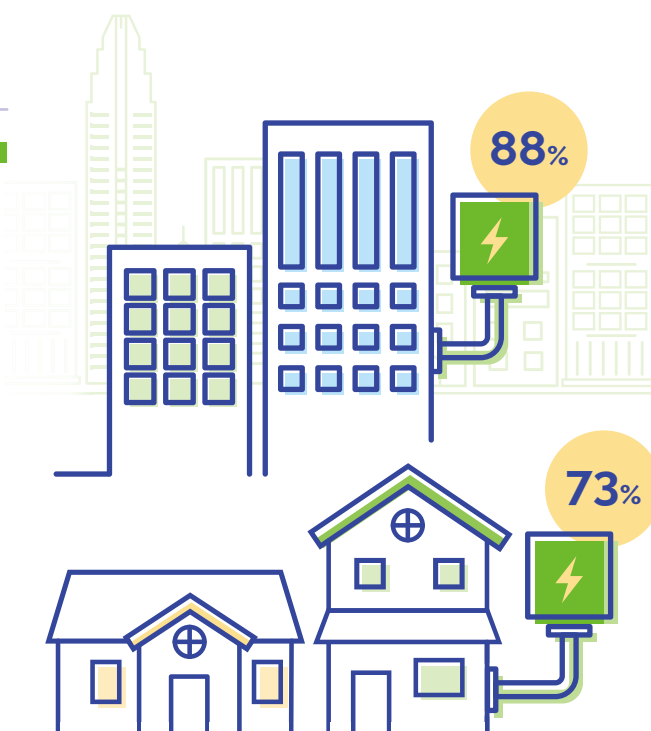
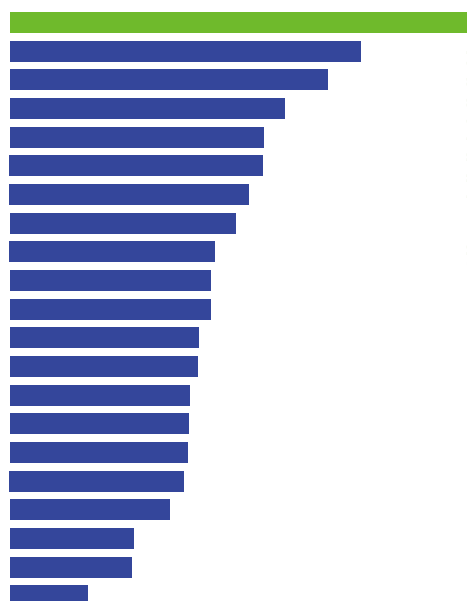


數據顯示，於 2014 至 2024 年間，香港在最終能源使用的電力使用比率平均達 58%，並穩步上升。於 2024 年，本港在住宅類別的電力使用比率已達 73%，在商業類別更達致 88% 的高水平。根據『亞太能源研究中心』於 2026 年公佈的『亞太經濟合作組織能源統計 2023』數據計算所得，香港在 21 個亞太經濟合作組織經濟體中，電力使用比率排名最高。

Data shows that the share of electricity in Hong Kong's final energy consumption averaged 58% between 2014 and 2024, and has been steadily increasing. In 2024, the electricity share in the residential sector reached 73%, while an even higher level of 88% was seen in the commercial sector. Computed based on the data from "APEC Energy Statistics 2023" published by the Asia Pacific Energy Research Centre in 2026, Hong Kong ranked first in terms of electricity share among the 21 APEC economies.

亞太經濟合作組織經濟體電力使用比率 Electricity Shares of APEC Economies

中國香港
Hong Kong
China



3 一般能源數據 General Energy Data



3 一般能源數據

General Energy Data

3.1 燃料

在 2024 年間，香港能源總量為 275,003 太焦耳。能源數據主要是以調查及從政府部門、公用事業機構及一些私人公司和組織等多個資料來源收集所得資料作為計算 / 估計的依據。能源數據可按燃料劃分為三個類別（「電力」⁵、「煤氣及石油氣」⁶與「油及煤產品」⁷）。

3.1 Fuel

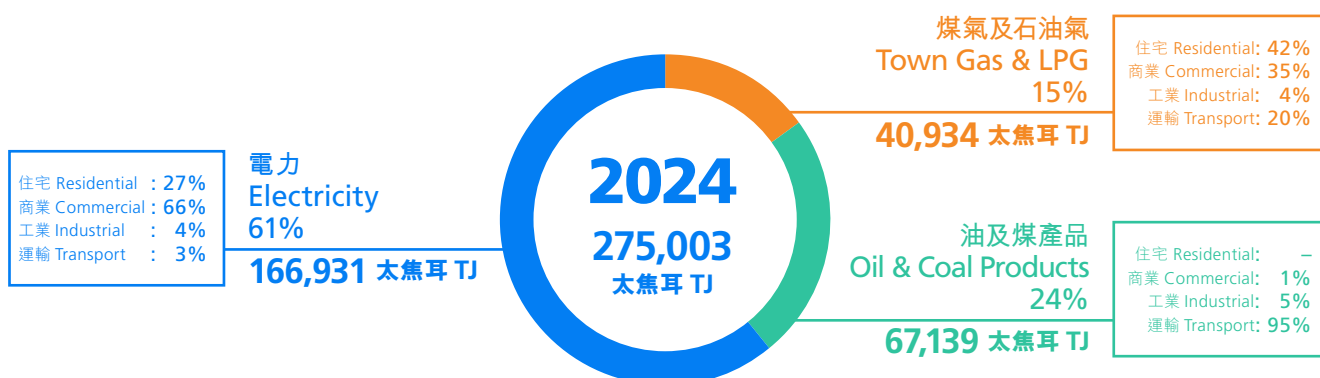
In 2024, the energy consumption in Hong Kong was 275,003 TJ. The energy data are derived / estimated mainly based on survey results and information gathered from various sources such as government departments, public utilities, private companies and organisations. The energy data are classified into three fuel types - "Electricity"⁵, "Town Gas & Liquefied Petroleum Gas"⁶ and "Oil & Coal Products"⁷.

圖表 Chart 8

所有能源使用按燃料和類別劃分

Total Energy Consumption by Fuel & by Sector

參考表格 Refer Table 2, 8, 9, 10

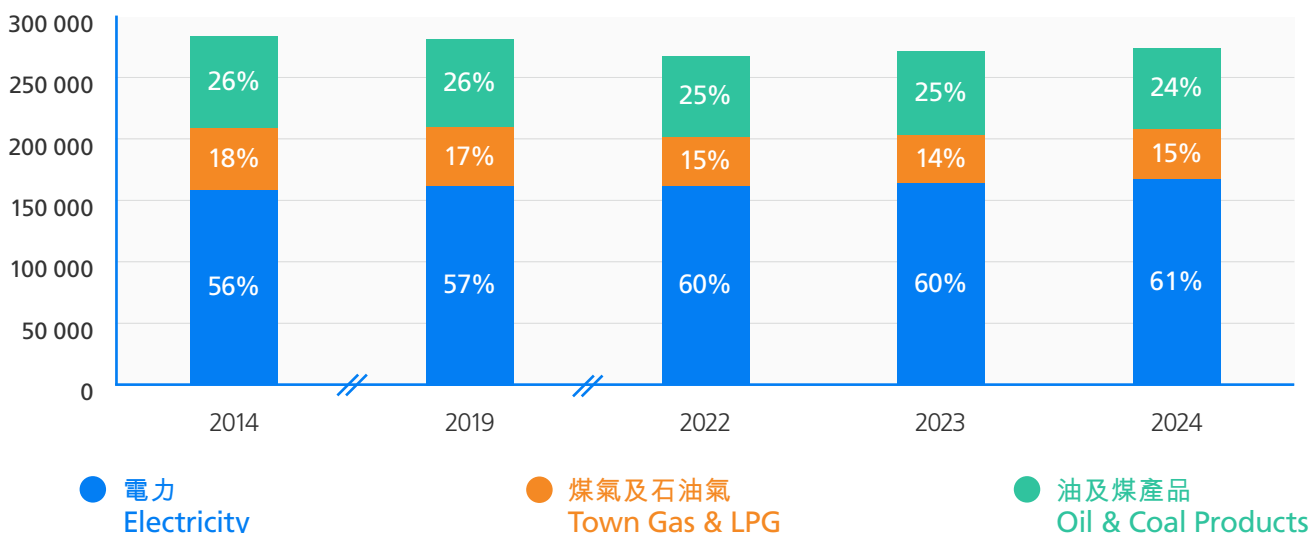


圖表 Chart 9

所有能源使用按燃料劃分

Total Energy Consumption by Fuel

參考表格 Refer Table 2
單位 Unit: 太焦耳 Terajoule



5. 「電力」包括進口電力及本地所產的電力。

"Electricity" includes imported electricity and indigenous electricity generated.

6. 「煤氣及石油氣」包括煤氣、石油氣及生物氣體。

"Town Gas & Liquefied Petroleum Gas" include town gas, liquefied petroleum gas (LPG) and bio-gas.

7. 「油及煤產品」包括汽油、柴油、煤油、航空燃料、木炭、無煙煤、焦煤、半焦煤及生物柴油。

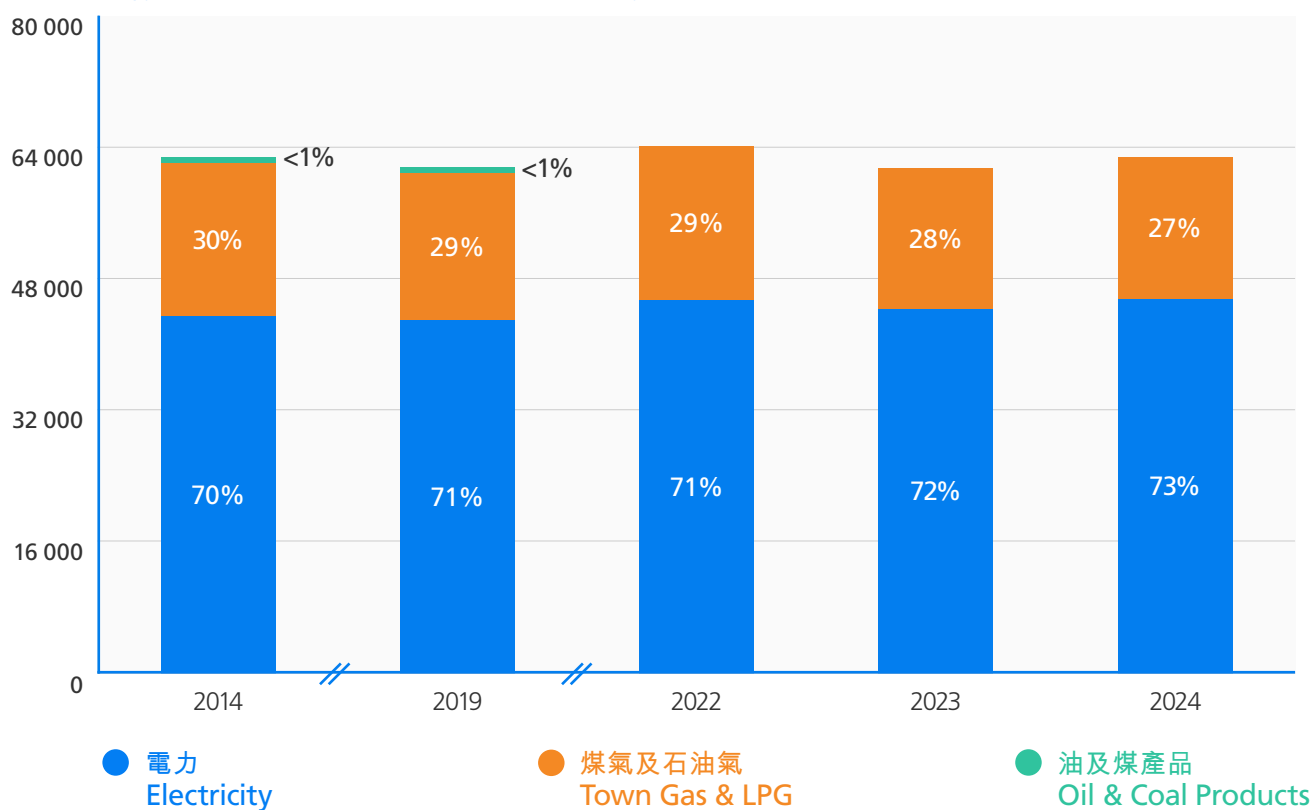
"Oil & Coal Products" include gasoline, diesel, kerosene, aviation fuel, charcoal, anthracite, coking coal, semi-coking coal and biodiesel.

3.1 燃料 Fuel

圖表 Chart 10

住宅類別能源使用按燃料劃分

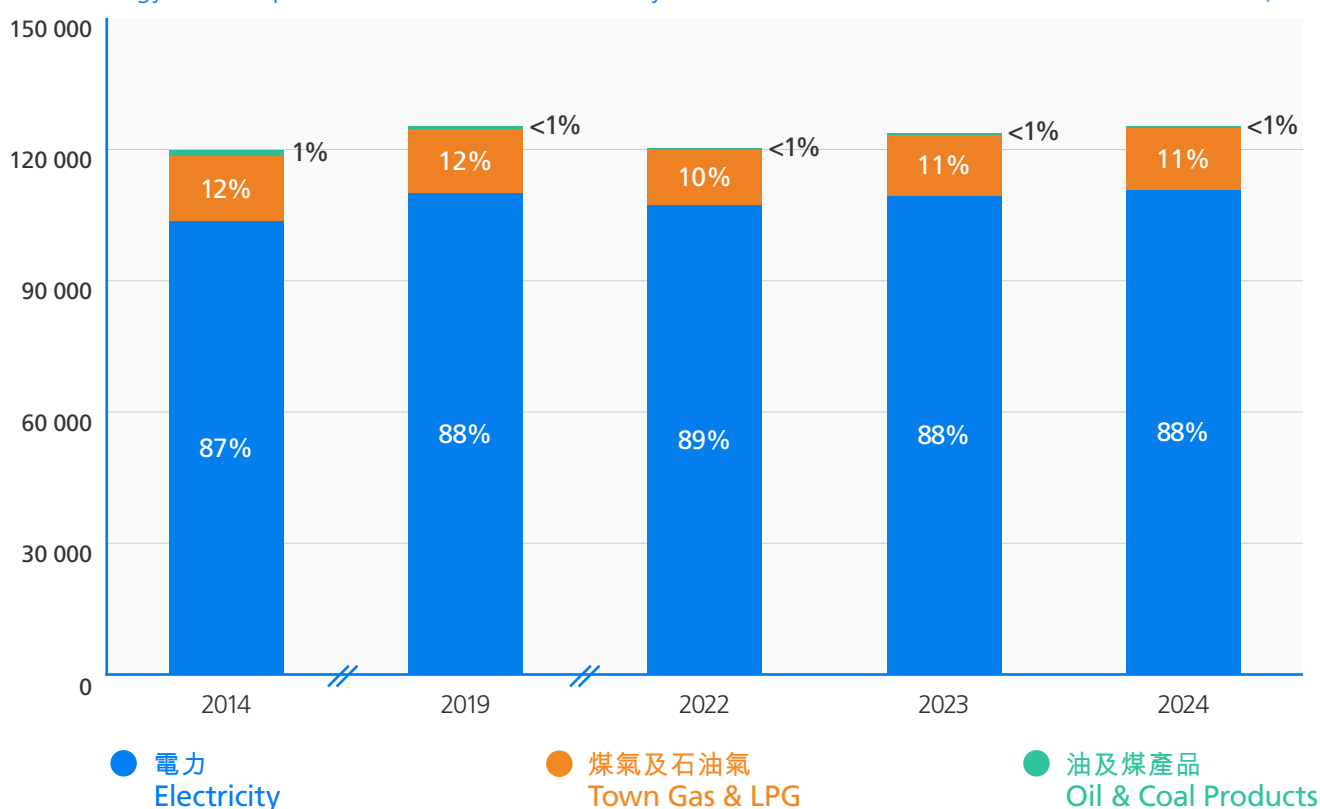
Total Energy Consumption in Residential Sector by Fuel

參考表格 Refer Table 3
單位 Unit : 太焦耳 Terajoule

圖表 Chart 11

商業類別能源使用按燃料劃分

Total Energy Consumption in Commercial Sector by Fuel

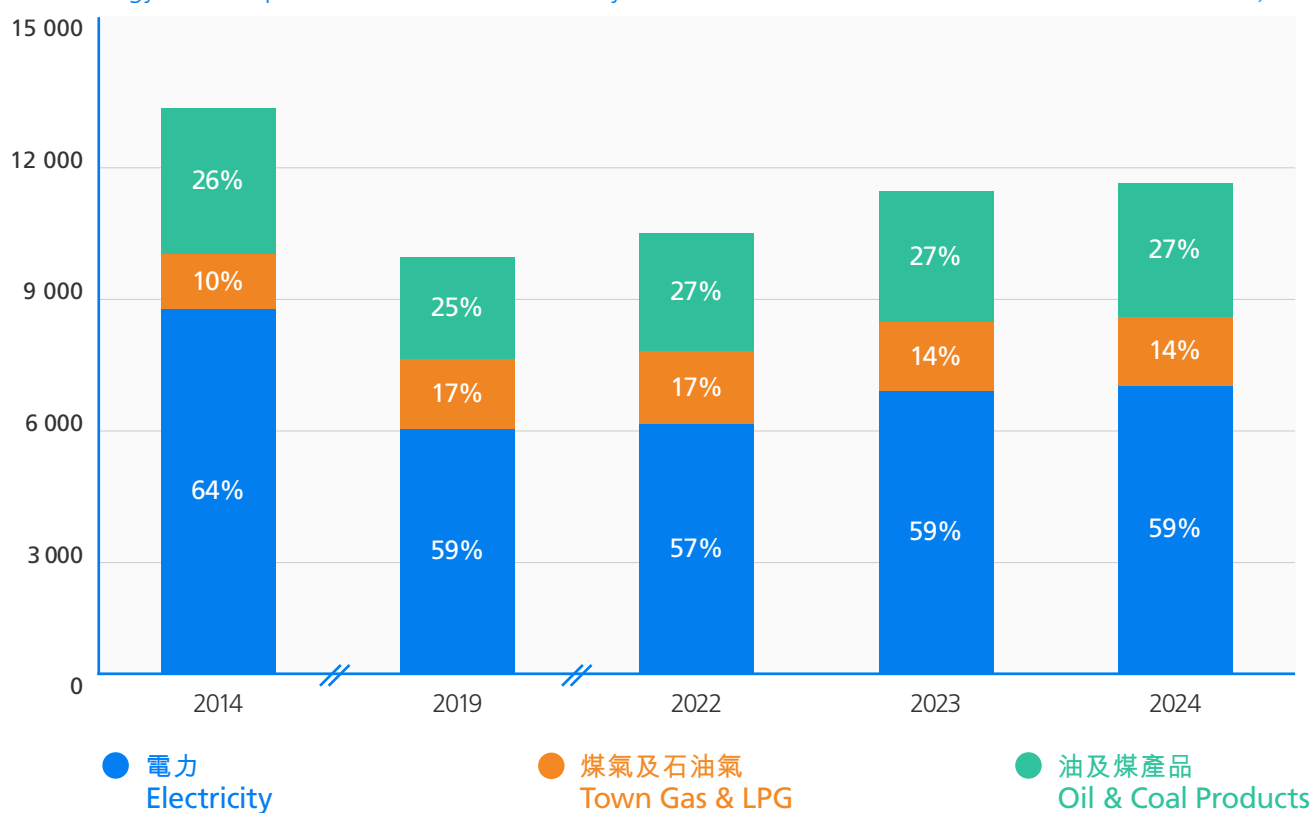
參考表格 Refer Table 4
單位 Unit : 太焦耳 Terajoule

3.1 燃料 Fuel

圖表 Chart 12

工業類別能源使用按燃料劃分

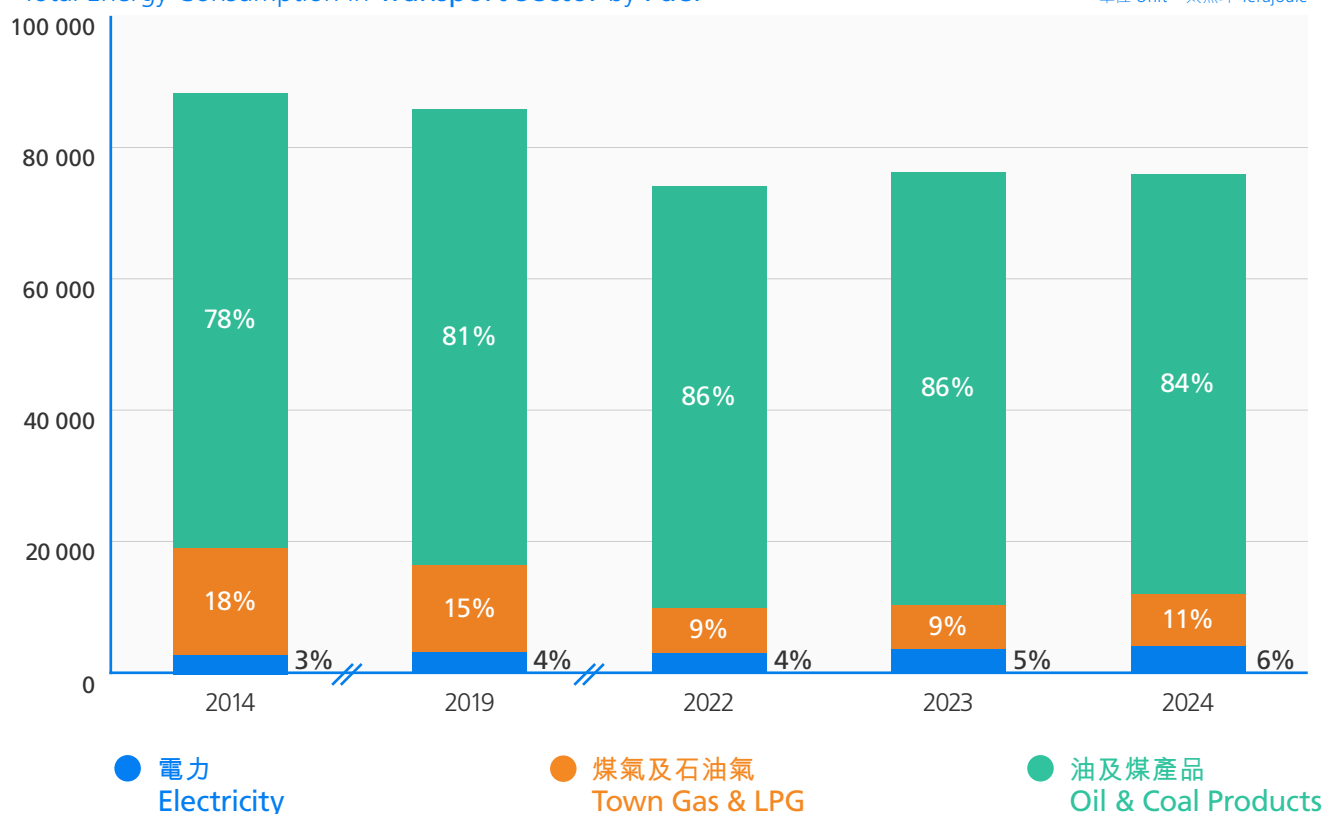
Total Energy Consumption in Industrial Sector by Fuel

參考表格 Refer Table 5
單位 Unit：太焦耳 Terajoule

圖表 Chart 13

運輸類別能源使用按燃料劃分

Total Energy Consumption in Transport Sector by Fuel

參考表格 Refer Table 6
單位 Unit：太焦耳 Terajoule

3.1 燃料 Fuel

表格 Table 2

所有能源使用按燃料劃分

Total Energy Consumption by Fuel

單位 Unit : 太焦耳 Terajoule

	煤氣及石油氣 Town Gas & Liquefied Petroleum Gas	油及煤產品 Oil & Coal Products	電力 Electricity	總計 Total
2014	50,844 (18%)	74,000 (26%)	158,148 (56%)	282,992
2015	48,954 (17%)	74,816 (27%)	158,380 (56%)	282,150
2016	49,374 (17%)	74,469 (26%)	158,841 (56%)	282,684
2017	47,907 (17%)	74,066 (26%)	157,977 (56%)	279,951
2018	48,541 (17%)	72,960 (26%)	159,494 (57%)	280,995
2019	47,338 (17%)	72,271 (26%)	161,670 (57%)	281,279
2020	44,195 (16%)	67,355 (25%)	159,100 (59%)	270,650
2021	44,092 (16%)	70,024 (25%)	164,929 (59%)	279,045
2022	39,749 (15%)	67,131 (25%)	161,497 (60%)	268,377
2023	39,308 (14%)	69,121 (25%)	163,897 (60%)	272,327
2024	40,934 (15%)	67,139 (24%)	166,931 (61%)	275,003

表格 Table 3

住宅類別能源使用按燃料劃分

Total Energy Consumption in Residential Sector by Fuel

單位 Unit : 太焦耳 Terajoule

	煤氣及石油氣 Town Gas & Liquefied Petroleum Gas	油及煤產品 Oil & Coal Products	電力 Electricity	總計 Total
2014	18,698 (30%)	7 (0%)	43,415 (70%)	62,120
2015	18,065 (30%)	8 (0%)	42,368 (70%)	60,441
2016	18,579 (30%)	10 (0%)	43,120 (70%)	61,710
2017	18,333 (30%)	14 (0%)	42,127 (70%)	60,474
2018	19,469 (32%)	7 (0%)	41,965 (68%)	61,442
2019	17,938 (29%)	3 (0%)	42,937 (71%)	60,878
2020	19,555 (30%)	1 (0%)	46,675 (70%)	66,230
2021	19,003 (29%)	<1 (0%)	47,464 (71%)	66,468
2022	18,609 (29%)	–	45,427 (71%)	64,036
2023	17,072 (28%)	–	44,327 (72%)	61,399
2024	17,213 (27%)	–	45,558 (73%)	62,771

3.1 燃料 Fuel

表格 Table 4

商業類別能源使用按燃料劃分

Total Energy Consumption in Commercial Sector by Fuel

單位 Unit : 太焦耳 Terajoule

	煤氣及石油氣 Town Gas & Liquefied Petroleum Gas	油及煤產品 Oil & Coal Products	電力 Electricity	總計 Total
2014	14,697 (12%)	1,430 (1%)	103,471 (87%)	119,598
2015	14,533 (12%)	1,235 (1%)	104,647 (87%)	120,415
2016	14,595 (12%)	994 (1%)	104,839 (87%)	120,428
2017	14,910 (12%)	780 (1%)	104,669 (87%)	120,360
2018	15,369 (12%)	618 (0%)	107,712 (87%)	123,699
2019	14,566 (12%)	513 (0%)	109,861 (88%)	124,940
2020	11,982 (10%)	429 (0%)	104,178 (89%)	116,589
2021	12,517 (10%)	396 (0%)	109,055 (89%)	121,968
2022	12,531 (10%)	361 (0%)	107,204 (89%)	120,095
2023	13,911 (11%)	396 (0%)	109,301 (88%)	123,609
2024	14,152 (11%)	397 (0%)	110,546 (88%)	125,095

表格 Table 5

工業類別能源使用按燃料劃分

Total Energy Consumption in Industrial Sector by Fuel

單位 Unit : 太焦耳 Terajoule

	煤氣及石油氣 Town Gas & Liquefied Petroleum Gas	油及煤產品 Oil & Coal Products	電力 Electricity	總計 Total
2014	1,264 (10%)	3,358 (26%)	8,374 (64%)	12,997
2015	1,308 (10%)	3,323 (26%)	8,359 (64%)	12,990
2016	1,232 (10%)	3,091 (25%)	7,872 (65%)	12,195
2017	1,317 (10%)	3,280 (26%)	7,963 (63%)	12,560
2018	1,441 (13%)	2,843 (26%)	6,517 (60%)	10,800
2019	1,601 (17%)	2,354 (25%)	5,628 (59%)	9,584
2020	1,504 (16%)	2,441 (26%)	5,371 (58%)	9,316
2021	1,561 (17%)	2,483 (26%)	5,407 (57%)	9,451
2022	1,674 (17%)	2,733 (27%)	5,734 (57%)	10,140
2023	1,575 (14%)	3,017 (27%)	6,497 (59%)	11,090
2024	1,582 (14%)	3,062 (27%)	6,616 (59%)	11,261

3.1 燃料 Fuel

表格 Table 6

運輸類別能源使用按燃料劃分

Energy Consumption in Transport Sector by Fuel

單位 Unit : 太焦耳 Terajoule

	煤氣及石油氣 Town Gas & Liquefied Petroleum Gas	油及煤產品 Oil & Coal Products	電力 Electricity	總計 Total
2014	16,185 (18%)	69,206 (78%)	2,888 (3%)	88,278
2015	15,048 (17%)	70,251 (80%)	3,006 (3%)	88,304
2016	14,967 (17%)	70,374 (80%)	3,011 (3%)	88,351
2017	13,347 (15%)	69,991 (81%)	3,218 (4%)	86,557
2018	12,262 (14%)	69,492 (82%)	3,300 (4%)	85,054
2019	13,232 (15%)	69,401 (81%)	3,244 (4%)	85,877
2020	11,155 (14%)	64,484 (82%)	2,876 (4%)	78,514
2021	11,011 (14%)	67,145 (83%)	3,002 (4%)	81,158
2022	6,936 (9%)	64,038 (86%)	3,132 (4%)	74,106
2023	6,749 (9%)	65,707 (86%)	3,772 (5%)	76,229
2024	7,987 (11%)	63,679 (84%)	4,211 (6%)	75,877

3.2 類別

能源數據亦可劃分為四個類別－即住宅、商業、工業及運輸。而每一類別亦可再分為多個小類別，稱為組別。一般的基本能源最終用途數據會在每個組別列出。

3.2 Sector

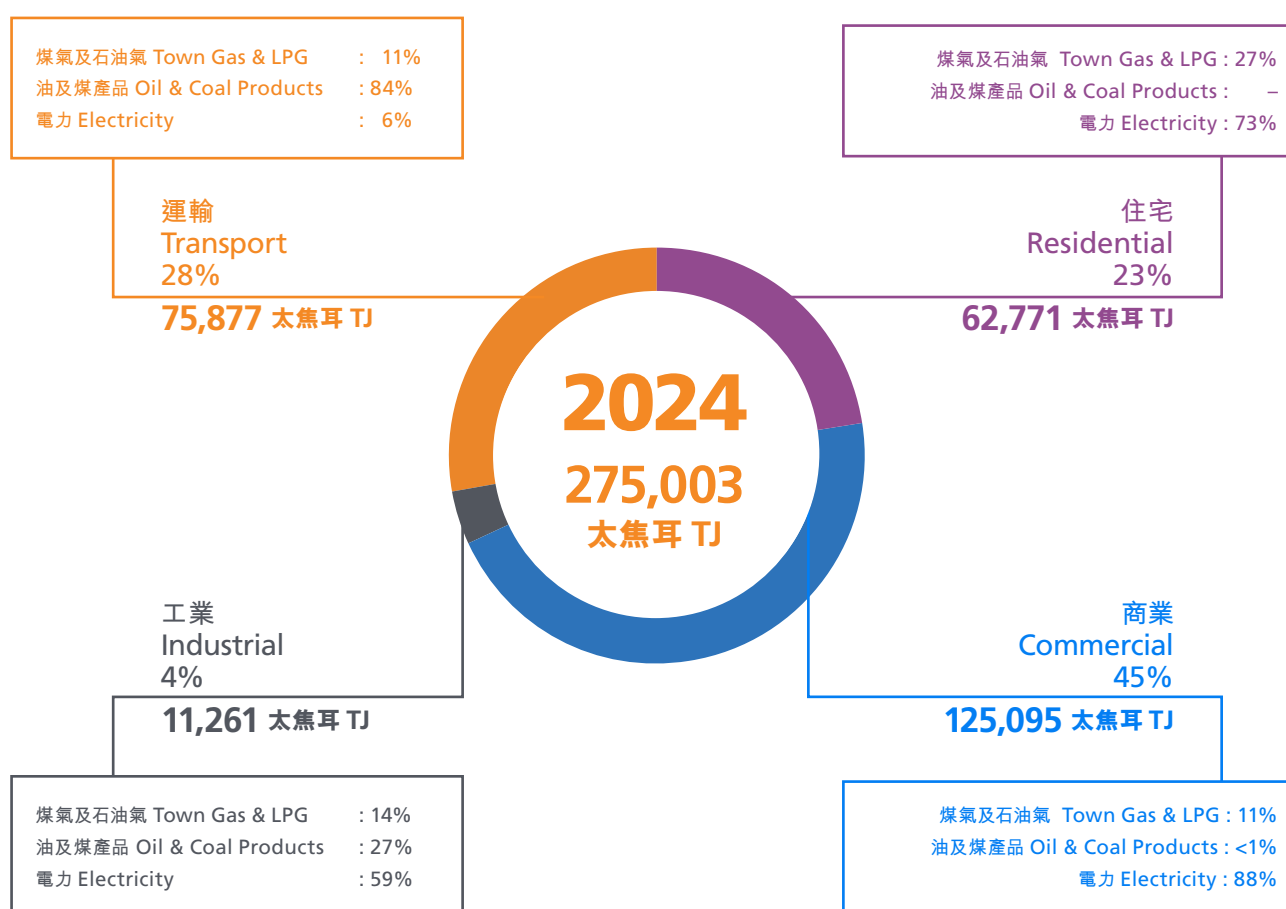
The energy data can also be classified into four sectors, namely Residential, Commercial, Industrial and Transport Sector. In each sector, the data are further classified into different segments according to the nature of the respective sector. General energy end-use data are presented in each segment.

圖表 Chart 14

所有能源使用按類別和燃料劃分

Total Energy Consumption by Sector & by Fuel

參考表格 Refer Table 3, 4, 5, 6, 7

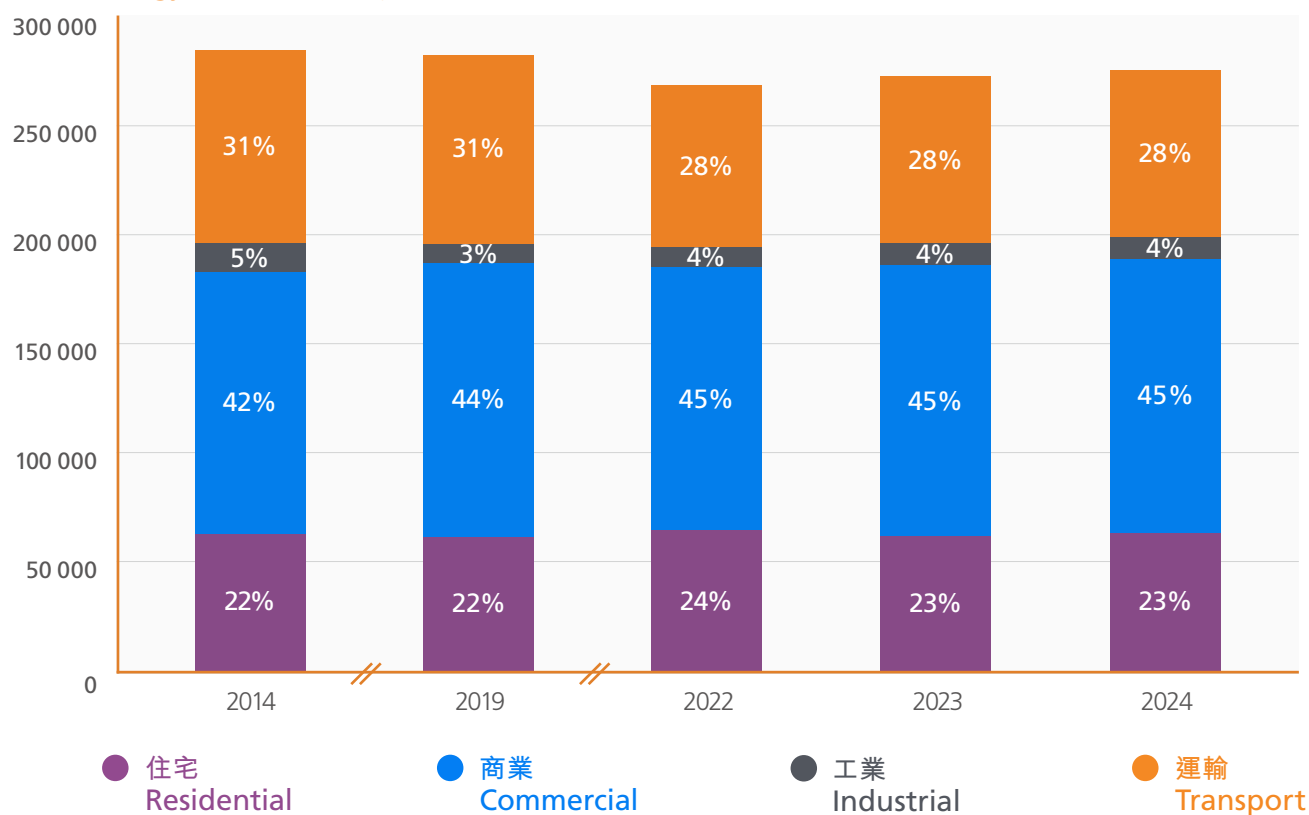


3.2 類別 Sector

圖表 Chart 15

所有能源使用按類別劃分

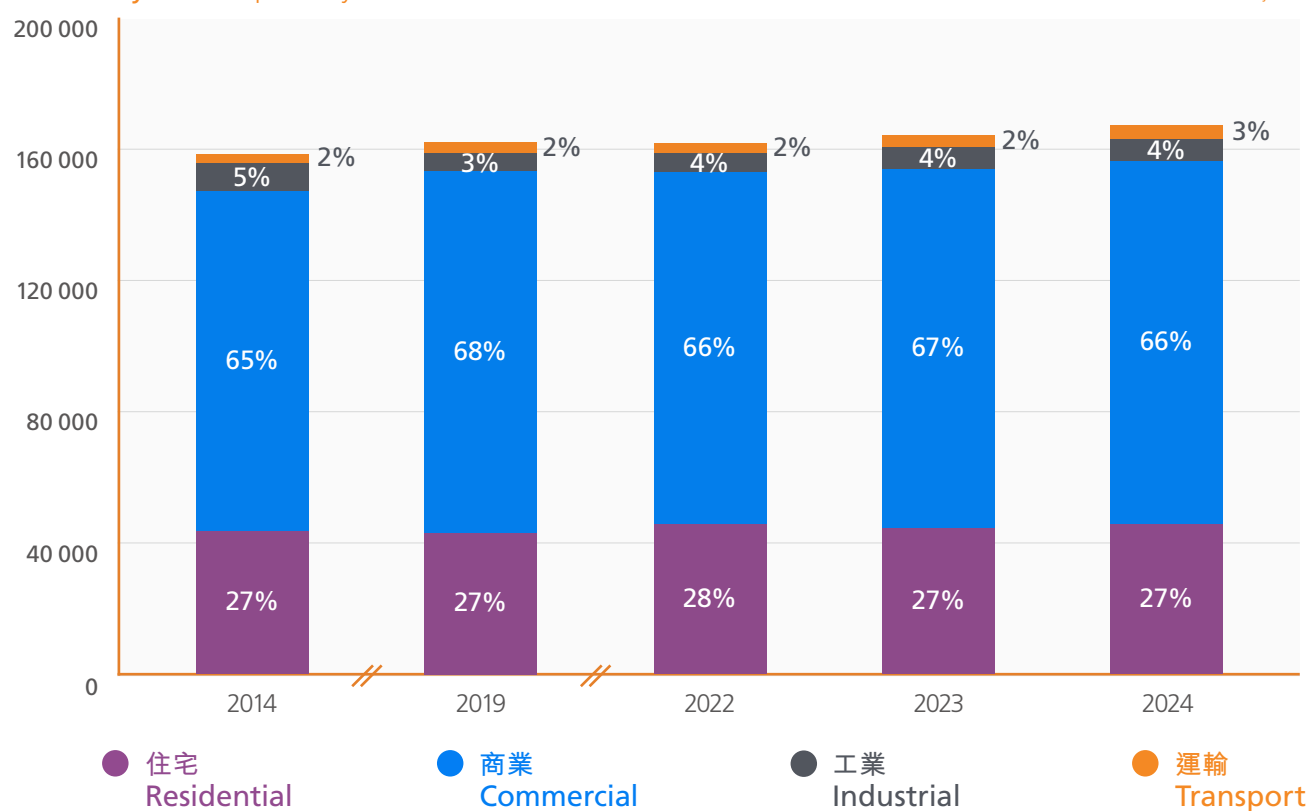
Total Energy Consumption by Sector

參考表格 Refer Table 7
單位 Unit：太焦耳 Terajoule

圖表 Chart 16

電力使用按類別劃分

Electricity Consumption by Sector

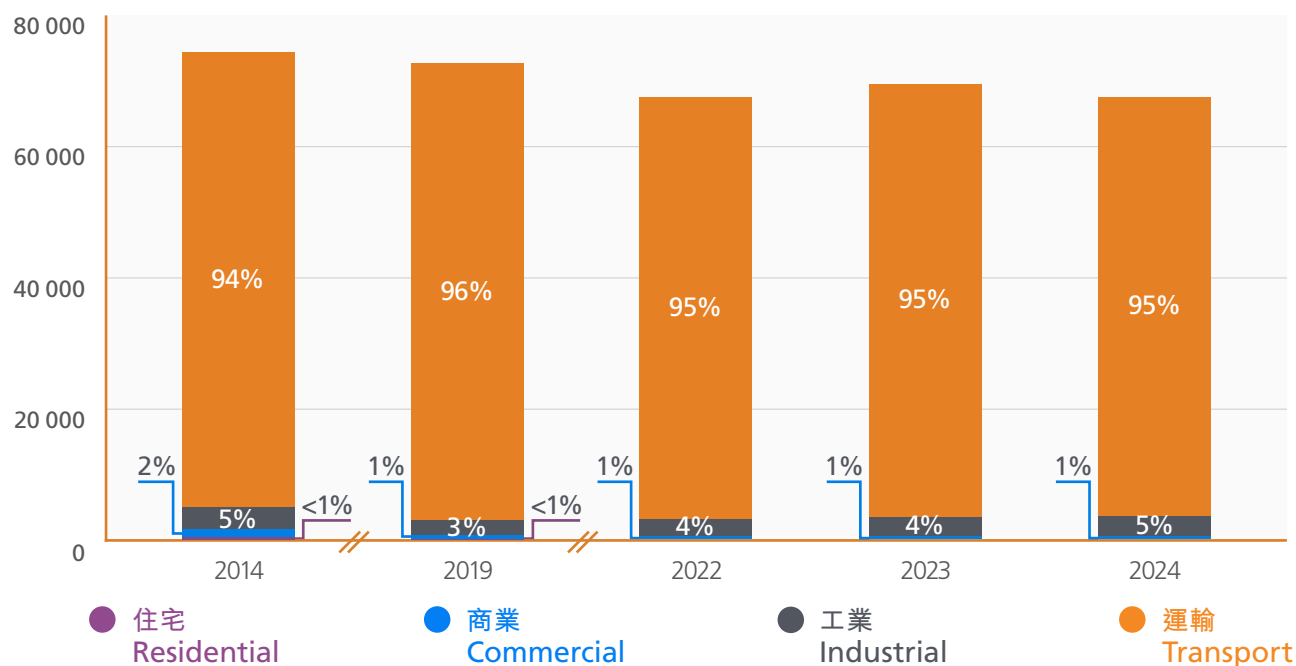
參考表格 Refer Table 8
單位 Unit：太焦耳 Terajoule

3.2 類別 Sector

圖表 Chart 17

油及煤產品使用按類別劃分

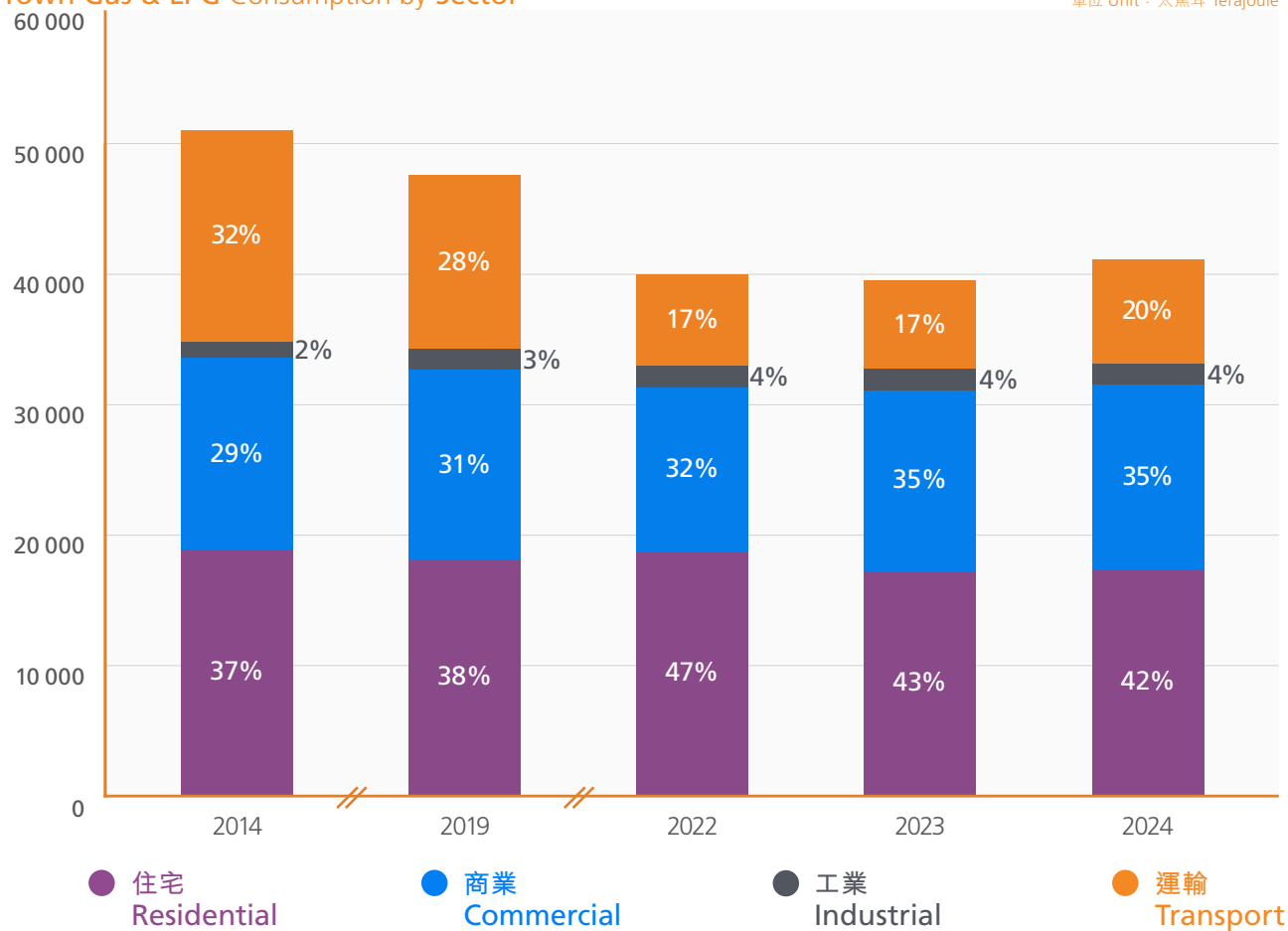
Oil & Coal Products Consumption by Sector

參考表格 Refer Table 9
單位 Unit：太焦耳 Terajoule

圖表 Chart 18

煤氣及石油氣使用按類別劃分

Town Gas & LPG Consumption by Sector

參考表格 Refer Table 10
單位 Unit：太焦耳 Terajoule

3.2 類別 Sector

表格 Table 7

所有能源使用按類別劃分

Total Energy Consumption by Sector

單位 Unit : 太焦耳 Terajoule

	住宅 Residential	商業 Commercial	工業 Industrial	運輸 Transport	總計 Total
2014	62,120 (22%)	119,598 (42%)	12,997 (5%)	88,278 (31%)	282,992
2015	60,441 (21%)	120,415 (43%)	12,990 (5%)	88,304 (31%)	282,150
2016	61,710 (22%)	120,428 (43%)	12,195 (4%)	88,351 (31%)	282,684
2017	60,474 (22%)	120,360 (43%)	12,560 (4%)	86,557 (31%)	279,951
2018	61,442 (22%)	123,699 (44%)	10,800 (4%)	85,054 (30%)	280,995
2019	60,878 (22%)	124,940 (44%)	9,584 (3%)	85,877 (31%)	281,279
2020	66,230 (24%)	116,589 (43%)	9,316 (3%)	78,514 (29%)	270,650
2021	66,468 (24%)	121,968 (44%)	9,451 (3%)	81,158 (29%)	279,045
2022	64,036 (24%)	120,095 (45%)	10,140 (4%)	74,106 (28%)	268,377
2023	61,399 (23%)	123,609 (45%)	11,090 (4%)	76,229 (28%)	272,327
2024	62,771 (23%)	125,095 (45%)	11,261 (4%)	75,877 (28%)	275,003

表格 Table 8

電力使用按類別劃分

Electricity Consumption by Sector

單位 Unit : 太焦耳 Terajoule

	住宅 Residential	商業 Commercial	工業 Industrial	運輸 Transport	總計 Total
2014	43,415 (27%)	103,471 (65%)	8,374 (5%)	2,888 (2%)	158,148
2015	42,368 (27%)	104,647 (66%)	8,359 (5%)	3,006 (2%)	158,380
2016	43,120 (27%)	104,839 (66%)	7,872 (5%)	3,011 (2%)	158,841
2017	42,127 (27%)	104,669 (66%)	7,963 (5%)	3,218 (2%)	157,977
2018	41,965 (26%)	107,712 (68%)	6,517 (4%)	3,300 (2%)	159,494
2019	42,937 (27%)	109,861 (68%)	5,628 (3%)	3,244 (2%)	161,670
2020	46,675 (29%)	104,178 (65%)	5,371 (3%)	2,876 (2%)	159,100
2021	47,464 (29%)	109,055 (66%)	5,407 (3%)	3,002 (2%)	164,929
2022	45,427 (28%)	107,204 (66%)	5,734 (4%)	3,132 (2%)	161,497
2023	44,327 (27%)	109,301 (67%)	6,497 (4%)	3,772 (2%)	163,897
2024	45,558 (27%)	110,546 (66%)	6,616 (4%)	4,211 (3%)	166,931

3.2 類別 Sector

表格 Table 9

油及煤產品使用按類別劃分

Oil & Coal Products Consumption by Sector

單位 Unit : 太焦耳 Terajoule

	住宅 Residential	商業 Commercial	工業 Industrial	運輸 Transport	總計 Total
2014	7 (0%)	1,430 (2%)	3,358 (5%)	69,206 (94%)	74,000
2015	8 (0%)	1,235 (2%)	3,323 (4%)	70,251 (94%)	74,816
2016	10 (0%)	994 (1%)	3,091 (4%)	70,374 (95%)	74,469
2017	14 (0%)	780 (1%)	3,280 (4%)	69,991 (94%)	74,066
2018	7 (0%)	618 (1%)	2,843 (4%)	69,492 (95%)	72,960
2019	3 (0%)	513 (1%)	2,354 (3%)	69,401 (96%)	72,271
2020	1 (0%)	429 (1%)	2,441 (4%)	64,484 (96%)	67,355
2021	<1 (0%)	396 (1%)	2,483 (4%)	67,145 (96%)	70,024
2022	–	361 (1%)	2,733 (4%)	64,038 (95%)	67,131
2023	–	396 (1%)	3,017 (4%)	65,707 (95%)	69,121
2024	–	397 (1%)	3,062 (5%)	63,679 (95%)	67,139

表格 Table 10

煤氣及石油氣使用按類別劃分

Town Gas & LPG Consumption by Sector

單位 Unit : 太焦耳 Terajoule

	住宅 Residential	商業 Commercial	工業 Industrial	運輸 Transport	總計 Total
2014	18,698 (37%)	14,697 (29%)	1,264 (2%)	16,185 (32%)	50,844
2015	18,065 (37%)	14,533 (30%)	1,308 (3%)	15,048 (31%)	48,954
2016	18,579 (38%)	14,595 (30%)	1,232 (2%)	14,967 (30%)	49,374
2017	18,333 (38%)	14,910 (31%)	1,317 (3%)	13,347 (28%)	47,907
2018	19,469 (40%)	15,369 (32%)	1,441 (3%)	12,262 (25%)	48,541
2019	17,938 (38%)	14,566 (31%)	1,601 (3%)	13,232 (28%)	47,338
2020	19,555 (44%)	11,982 (27%)	1,504 (3%)	11,155 (25%)	44,195
2021	19,003 (43%)	12,517 (28%)	1,561 (4%)	11,011 (25%)	44,092
2022	18,609 (47%)	12,531 (32%)	1,674 (4%)	6,936 (17%)	39,749
2023	17,072 (43%)	13,911 (35%)	1,575 (4%)	6,749 (17%)	39,308
2024	17,213 (42%)	14,152 (35%)	1,582 (4%)	7,987 (20%)	40,934

3.3 最終用途

「能源最終用途數據」是指能源最終的特定用途⁸。在 2024 年間香港的一次能源供應總量為 509,080 太焦耳，其中的 275,003 太焦耳作為「能源最終用途」而使用於香港。

3.3 End-use

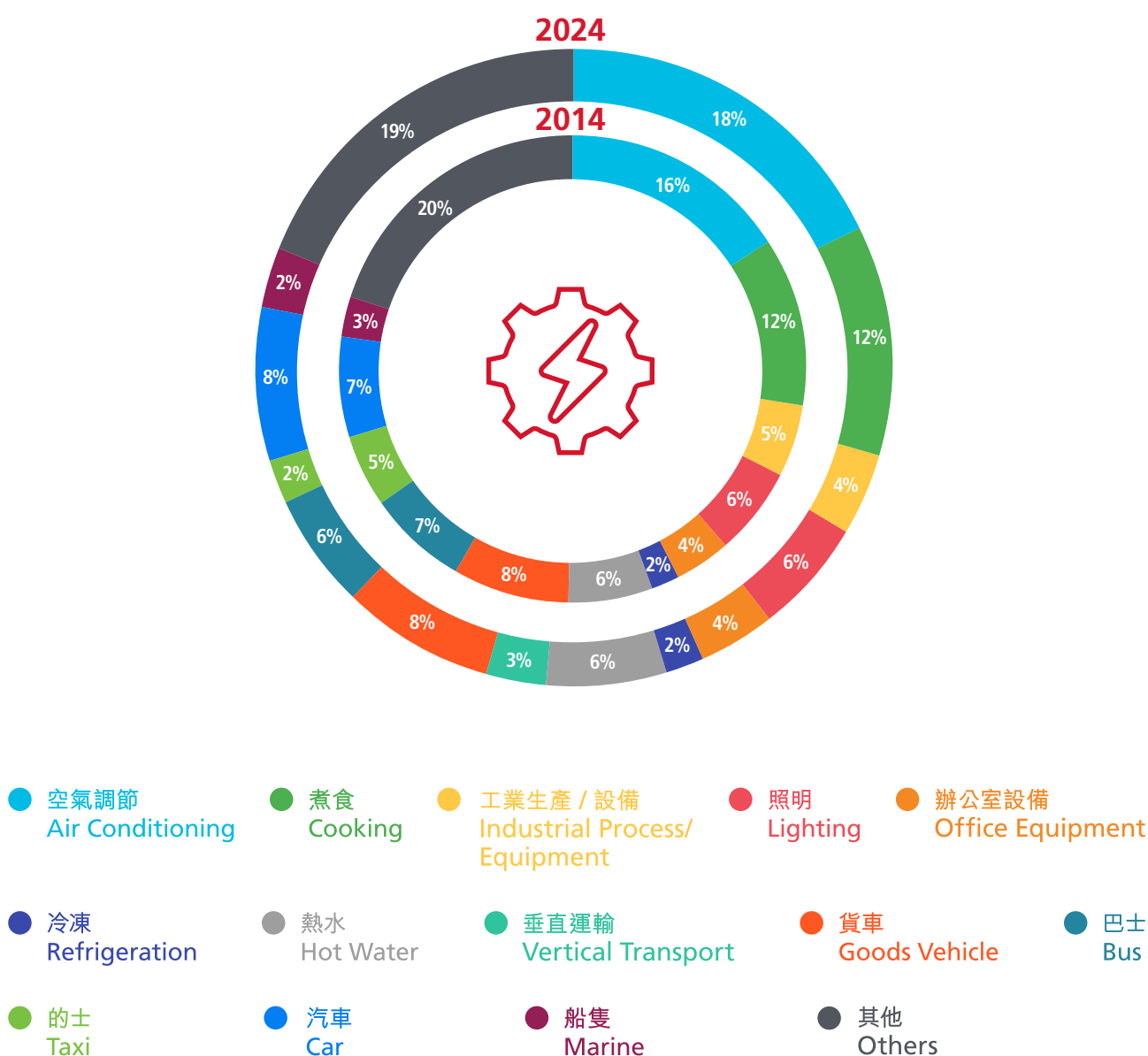
“Hong Kong Energy End-use Data” refers to the energy finally consumed for specific purposes⁸. In 2024, the amount of Total Primary Energy Supply was 509,080 TJ, out of which 275,003 TJ was consumed as “energy end-use” within Hong Kong.

圖表 Chart 19

所有能源使用按最終用途劃分

Total Energy Consumption by End-use

參考表格 Refer Table 11



8. 「能源最終用途」的例子有空氣調節、照明及煮食等。
Air conditioning, lighting and cooking are examples of "energy end-use".

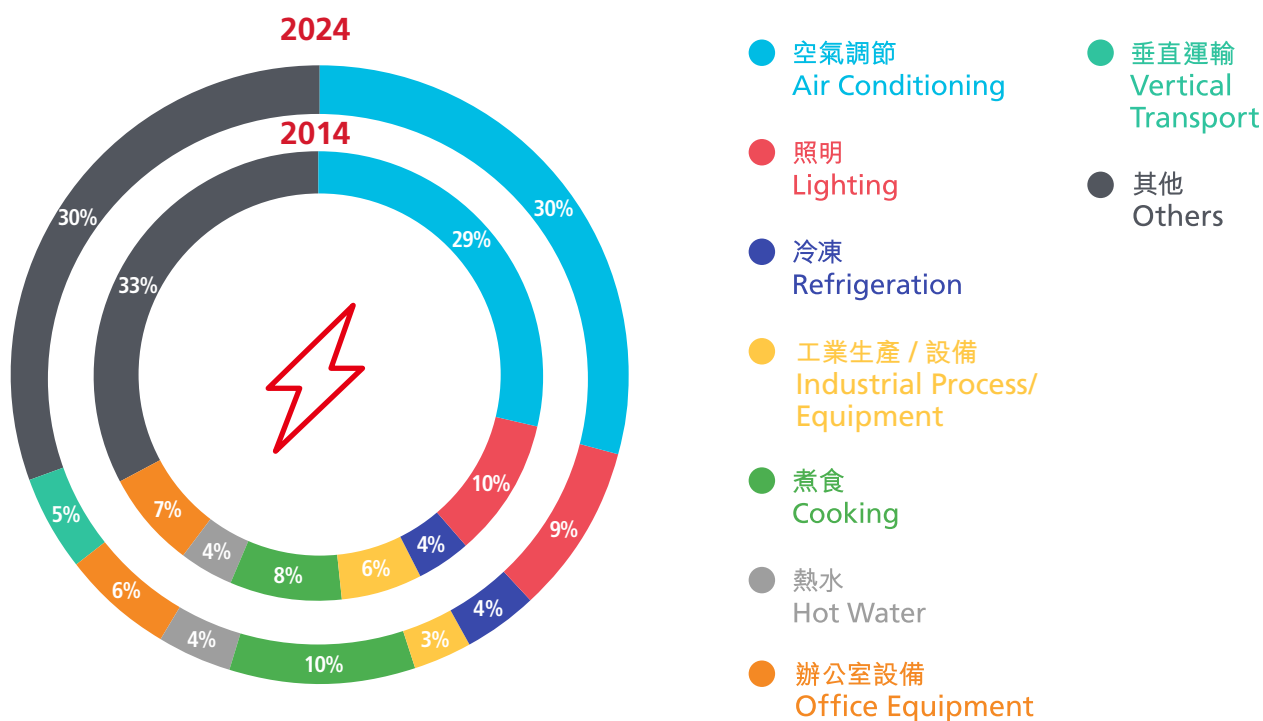
3.3 最終用途 End-use

圖表 Chart 20

電力使用按最終用途劃分

Electricity Consumption by End-use

參考表格 Refer Table 12

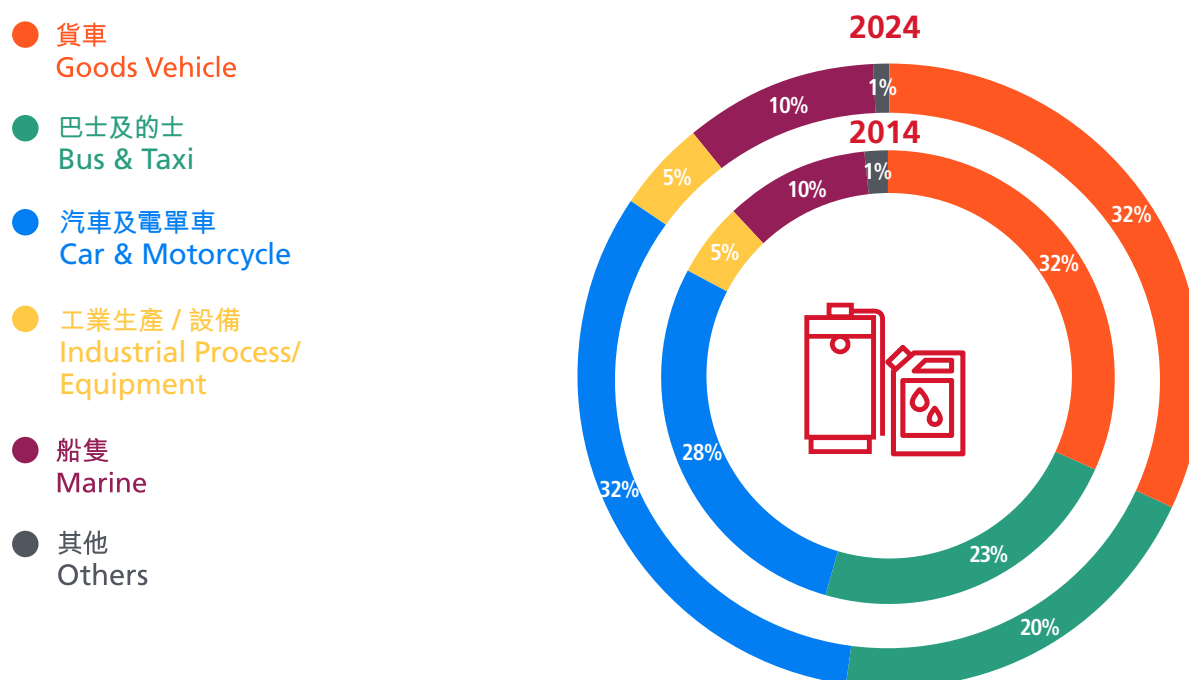


圖表 Chart 21

油及煤產品使用按最終用途劃分

Oil & Coal Products Consumption by End-use

參考表格 Refer Table 13



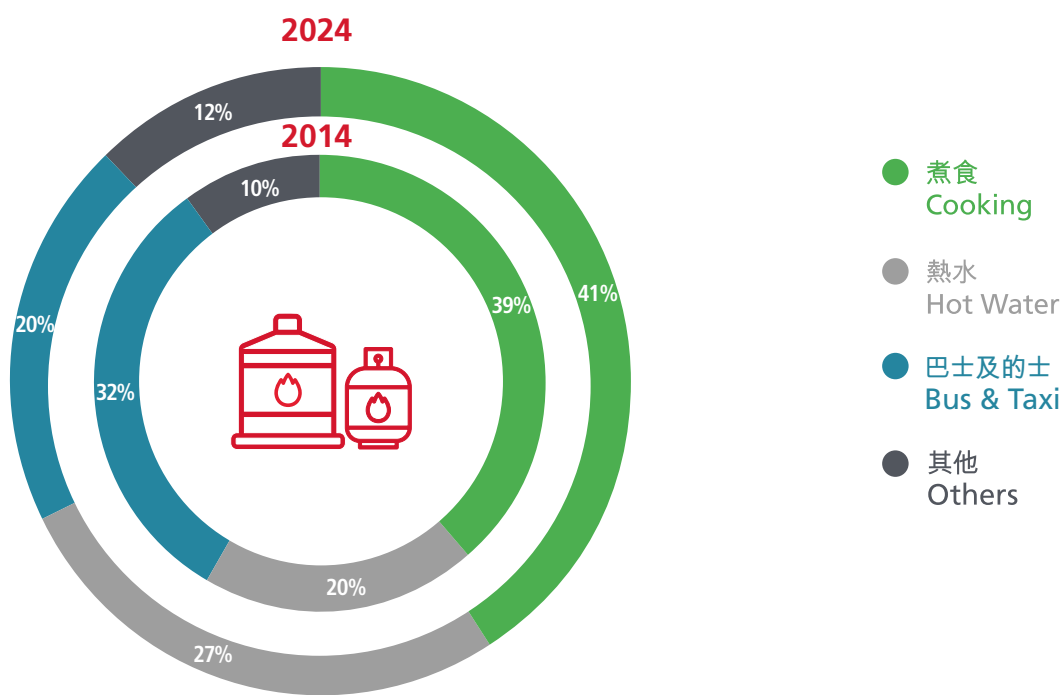
3.3 最終用途 End-use

圖表 Chart 22

煤氣及石油氣使用按最終用途劃分

Town Gas & LPG Consumption by End-use

參考表格 Refer Table 14



3.3 最終用途 End-use

表格 Table 11

所有能源使用按最終用途劃分

Total Energy Consumption by End-use

單位 Unit : 太焦耳 Terajoule

	空氣調節 Air Conditioning	煮食 Cooking	工業生產 / 設備 Industrial Process/ Equipment	照明 Lighting	辦公室設備 Office Equipment	冷凍 Refrigeration	熱水 Hot Water
2014	45,221 (16%)	32,707 (12%)	15,235 (5%)	16,244 (6%)	10,760 (4%)	6,416 (2%)	16,027 (6%)
2015	45,121 (16%)	32,609 (12%)	15,346 (5%)	15,913 (6%)	10,285 (4%)	5,693 (2%)	16,466 (6%)
2016	44,398 (16%)	33,441 (12%)	14,267 (5%)	15,281 (5%)	9,890 (3%)	5,157 (2%)	17,902 (6%)
2017	44,331 (16%)	33,836 (12%)	14,298 (5%)	14,946 (5%)	9,419 (3%)	4,563 (2%)	18,530 (7%)
2018	46,415 (17%)	35,234 (13%)	12,847 (5%)	15,272 (5%)	9,626 (3%)	4,678 (2%)	19,245 (7%)
2019	46,536 (17%)	33,412 (12%)	11,173 (4%)	15,156 (5%)	9,710 (3%)	4,940 (2%)	18,548 (7%)
2020	47,248 (17%)	30,472 (11%)	10,048 (4%)	14,979 (6%)	9,770 (4%)	5,215 (2%)	19,232 (7%)
2021	48,733 (17%)	32,297 (12%)	9,773 (4%)	15,346 (5%)	9,858 (4%)	5,504 (2%)	19,183 (7%)
2022	47,969 (18%)	31,208 (12%)	10,142 (4%)	15,369 (6%)	9,682 (4%)	6,562 (2%)	17,951 (7%)
2023	49,315 (18%)	32,555 (12%)	10,892 (4%)	15,594 (6%)	9,881 (4%)	6,580 (2%)	17,180 (6%)
2024	50,206 (18%)	32,722 (12%)	11,004 (4%)	15,630 (6%)	9,989 (4%)	6,682 (2%)	17,258 (6%)

	垂直運輸 Vertical Transport	貨車 Goods Vehicle	巴士 Bus	的士 Taxi	汽車 Car	船隻 Marine	其他 Others	總計 Total
2014	–	23,552 (8%)	19,285 (7%)	13,696 (5%)	20,641 (7%)	7,705 (3%)	55,504 (20%)	282,992
2015	–	24,038 (9%)	19,168 (7%)	12,437 (4%)	21,354 (8%)	7,792 (3%)	55,929 (20%)	282,150
2016	–	23,964 (8%)	18,918 (7%)	12,288 (4%)	22,189 (8%)	7,474 (3%)	57,516 (20%)	282,684
2017	10,527 (4%)	24,005 (9%)	18,663 (7%)	10,686 (4%)	22,005 (8%)	7,459 (3%)	46,683 (17%)	279,951
2018	9,586 (3%)	24,013 (9%)	18,286 (7%)	9,519 (3%)	22,421 (8%)	7,006 (2%)	46,848 (17%)	280,995
2019	8,630 (3%)	23,265 (8%)	18,028 (6%)	10,463 (4%)	23,023 (8%)	7,342 (3%)	51,052 (18%)	281,279
2020	8,278 (3%)	22,424 (8%)	14,794 (5%)	8,704 (3%)	22,034 (8%)	7,094 (3%)	50,358 (19%)	270,650
2021	8,343 (3%)	23,833 (9%)	15,458 (6%)	8,441 (3%)	22,721 (8%)	7,169 (3%)	52,383 (19%)	279,045
2022	7,601 (3%)	23,160 (9%)	14,313 (5%)	4,547 (2%)	21,626 (8%)	7,008 (3%)	51,238 (19%)	268,377
2023	7,843 (3%)	22,381 (8%)	15,943 (6%)	4,234 (2%)	22,686 (8%)	7,197 (3%)	50,046 (18%)	272,327
2024	7,952 (3%)	21,507 (8%)	16,350 (6%)	5,339 (2%)	21,955 (8%)	6,874 (2%)	51,535 (19%)	275,003

3.3 最終用途 End-use

表格 Table 12

電力使用按最終用途劃分

Electricity Consumption by End-use

單位 Unit : 太焦耳 Terajoule

	空氣調節 Air Conditioning	照明 Lighting	冷凍 Refrigeration	工業生產 / 設備 Industrial Process/ Equipment	煮食 Cooking	熱水 Hot Water
2014	45,208 (29%)	16,244 (10%)	6,411 (4%)	8,733 (6%)	12,830 (8%)	5,849 (4%)
2015	45,108 (28%)	15,913 (10%)	5,688 (4%)	8,820 (6%)	13,599 (9%)	6,179 (4%)
2016	44,384 (28%)	15,281 (10%)	5,152 (3%)	7,918 (5%)	14,652 (9%)	7,009 (4%)
2017	44,317 (28%)	14,946 (9%)	4,558 (3%)	7,552 (5%)	15,594 (10%)	7,300 (5%)
2018	46,401 (29%)	15,272 (10%)	4,674 (3%)	6,537 (4%)	16,011 (10%)	7,556 (5%)
2019	46,522 (29%)	15,156 (9%)	4,938 (3%)	5,526 (3%)	15,328 (9%)	7,313 (5%)
2020	47,238 (30%)	14,979 (9%)	5,214 (3%)	4,740 (3%)	13,548 (9%)	7,099 (4%)
2021	48,722 (30%)	15,346 (9%)	5,504 (3%)	4,447 (3%)	15,108 (9%)	7,253 (4%)
2022	47,958 (30%)	15,369 (10%)	6,562 (4%)	4,159 (3%)	14,657 (9%)	6,018 (4%)
2023	49,303 (30%)	15,594 (10%)	6,580 (4%)	4,426 (3%)	15,917 (10%)	6,045 (4%)
2024	50,193 (30%)	15,630 (9%)	6,682 (4%)	4,453 (3%)	15,955 (10%)	6,038 (4%)

	辦公室設備 Office Equipment	垂直運輸 Vertical Transport	其他 Others	總計 Total
2014	10,760 (7%)	—	52,113 (33%)	158,148
2015	10,285 (6%)	—	52,788 (33%)	158,380
2016	9,890 (6%)	—	54,555 (34%)	158,841
2017	9,419 (6%)	10,272 (7%)	44,019 (28%)	157,977
2018	9,626 (6%)	9,360 (6%)	44,057 (28%)	159,494
2019	9,710 (6%)	8,500 (5%)	48,675 (30%)	161,670
2020	9,770 (6%)	8,165 (5%)	48,348 (30%)	159,100
2021	9,858 (6%)	8,232 (5%)	50,458 (31%)	164,929
2022	9,682 (6%)	7,490 (5%)	49,602 (31%)	161,497
2023	9,881 (6%)	7,738 (5%)	48,414 (30%)	163,897
2024	9,989 (6%)	7,842 (5%)	50,148 (30%)	166,931

3.3 最終用途 End-use

表格 Table 13

油及煤產品使用按最終用途劃分

Oil & Coal Products Consumption by End-use

單位 Unit : 太焦耳 Terajoule

	貨車 Goods Vehicle	巴士 Bus	的士 Taxi	汽車 Car	電單車 Motorcycle	工業生產 / 設備 Industrial Process/ Equipment
2014	23,550 (32%)	16,795 (23%)	1 (0%)	20,630 (28%)	418 (1%)	3,799 (5%)
2015	24,036 (32%)	16,556 (23%)	1 (0%)	21,323 (29%)	436 (1%)	3,772 (5%)
2016	23,962 (32%)	16,239 (22%)	/	22,132 (30%)	443 (1%)	3,490 (5%)
2017	24,002 (32%)	16,002 (22%)	/	21,919 (30%)	462 (1%)	3,593 (5%)
2018	24,009 (33%)	15,543 (21%)	/	22,333 (31%)	452 (1%)	3,099 (4%)
2019	23,261 (32%)	15,259 (21%)	/	22,913 (32%)	481 (1%)	2,492 (3%)
2020	22,419 (33%)	12,344 (18%)	/	21,889 (32%)	563 (1%)	2,586 (4%)
2021	23,826 (34%)	12,888 (18%)	/	22,491 (32%)	614 (1%)	2,624 (4%)
2022	23,150 (34%)	11,924 (18%)	/	21,236 (32%)	590 (1%)	2,845 (4%)
2023	22,363 (32%)	13,423 (19%)	/	22,015 (32%)	589 (1%)	3,151 (5%)
2024	21,481 (32%)	13,688 (20%)	/	20,979 (31%)	556 (1%)	3,174 (5%)

	船隻 Marine	其他 Others	總計 Total
2014	7,705 (10%)	1,102 (1%)	74,000
2015	7,792 (10%)	901 (1%)	74,816
2016	7,474 (10%)	729 (1%)	74,469
2017	7,459 (10%)	629 (1%)	74,066
2018	7,006 (10%)	518 (1%)	72,960
2019	7,342 (10%)	523 (1%)	72,271
2020	7,094 (11%)	460 (1%)	67,355
2021	7,169 (10%)	410 (1%)	70,024
2022	7,008 (10%)	377 (1%)	67,131
2023	7,197 (10%)	384 (1%)	69,121
2024	6,874 (10%)	387 (1%)	67,139

3.3 最終用途 End-use

表格 Table 14

煤氣及石油氣使用按最終用途劃分

Town Gas & LPG Consumption by End-use

單位 Unit : 太焦耳 Terajoule

	煮食 Cooking	熱水 Hot Water	巴士及的士 Bus & Taxi	其他 Others	總計 Total
2014	19,580 (39%)	10,173 (20%)	16,185 (32%)	4,906 (10%)	50,844
2015	18,731 (38%)	10,281 (21%)	15,048 (31%)	4,894 (10%)	48,954
2016	18,521 (38%)	10,886 (22%)	14,967 (30%)	4,999 (10%)	49,374
2017	17,997 (38%)	11,222 (23%)	13,347 (28%)	5,341 (11%)	47,907
2018	19,074 (39%)	11,680 (24%)	12,262 (25%)	5,526 (11%)	48,541
2019	17,885 (38%)	11,224 (24%)	13,232 (28%)	4,996 (11%)	47,338
2020	16,828 (38%)	12,122 (27%)	11,155 (25%)	4,090 (9%)	44,195
2021	17,108 (39%)	11,919 (27%)	11,011 (25%)	4,054 (9%)	44,092
2022	16,477 (41%)	11,922 (30%)	6,936 (17%)	4,414 (11%)	39,749
2023	16,545 (42%)	11,123 (28%)	6,749 (17%)	4,890 (12%)	39,308
2024	16,674 (41%)	11,209 (27%)	7,987 (20%)	5,064 (12%)	40,934

3.4 可再生能源

可再生能源泛指「由天然過程產生並可不斷補充的能源」⁹。

每年香港境內都生產少量的可再生能源。主要的可再生能源為太陽能、風能、生物氣體和生物柴油。

太陽能普遍通過太陽能光伏板被用作發電或給水加熱。風能通過風力發電機組產生電力。轉廢為能是把廢物中蘊藏的能量，通過污泥焚化以及生物氣體¹⁰的收集，轉化為熱能或電力。生物柴油大部分產自回收廢油並通常用作為車輛燃料。

在2024年間，於香港生產的各類可再生能源並用於能源最終用途上，約有 4,409 太焦耳。

3.4 Renewable Energy

Renewable energy generally refers to "energy that is derived from natural processes that are replenished constantly"⁹.

A small amount of renewable energy is produced within Hong Kong as indigenous production. The major types of renewable energy available in Hong Kong are solar energy, wind energy, biogas and biodiesel.

Solar energy is commonly used to generate electricity using photovoltaic panels and to heat up water. Wind energy is harnessed by wind turbines to generate electricity. Waste-to-energy, including sludge incineration and biogas¹⁰ collection, converts the energy content of wastes to heat and/or electricity. Biodiesel is primarily made from re-cycled oil and is typically used by vehicles.

In 2024, around 4,409 TJ of renewable energy of various types were produced and consumed by end-uses in Hong Kong.

圖表 Chart 23

香港可再生能源的成份

Composition of Renewable Energy in Hong Kong

參考表格 Refer Table 15

生物柴油 Bio-diesel
7.5%

332 太焦耳 TJ

太陽能 Solar Energy
27.2%

1,200 太焦耳 TJ

風能及水能
Wind Energy & Hydropower
0.2%

9 太焦耳 TJ



9. 根據國際能源署可再生能源工作小組定義。

As defined by the Renewable Energy Working Party of the International Energy Agency.

10. 在堆填區所產生的生物氣體部分用於生產煤氣，這部分的生物氣體因不是直接作為能源最終用途，所以不會被計算在可再生能源的數據中。

A portion of the biogas from landfill sites is used for producing Town Gas. This amount of biogas is not directly consumed by end users and hence is not counted in renewable energy data.

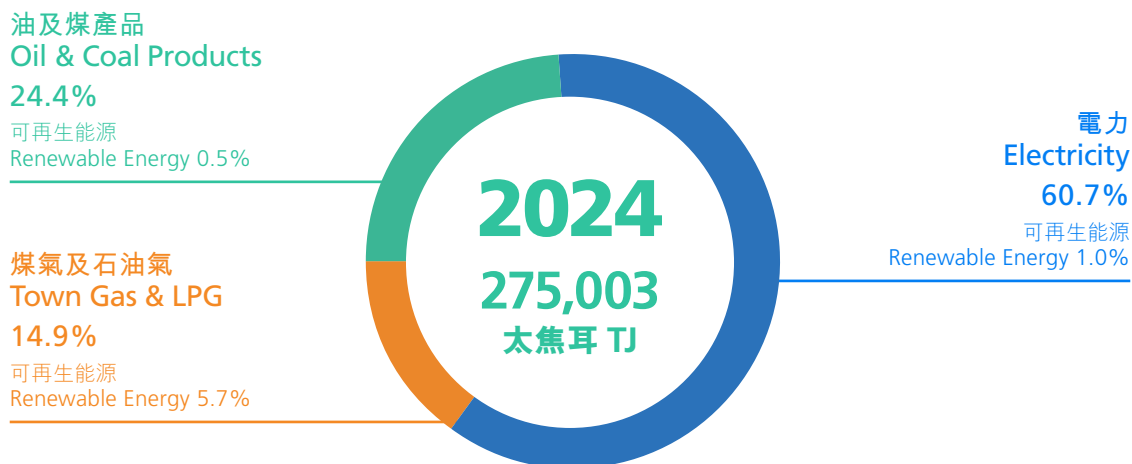
3.4 可再生能源 Renewable Energy

圖表 Chart 24

可再生能源在所屬燃料類別的比重

Weighting of Renewable Energy in Respective Fuel Type

參考表格 Refer Table 16



可再生能源 - 電力

可再生的電力能源數量佔「電力」使用量約 1.0%。
(包括使用堆填氣體、生物氣、污泥焚化、光伏
板和風能所產的電力，以及用於為水加熱的太陽
能)。

Renewable Energy - Electricity

The amount of renewable electricity accounts for roughly 1.0% of the "Electricity" consumption. (Includes utilising landfill gas, biogas and sludge incineration process, PV panels and wind power for electricity generation, as well as, solar energy used to heat water).

可再生能源 - 煤氣及石油氣

可再生的氣態能源數量佔「煤氣及石油氣」的使用
量約 5.7%。(包括堆填區和污水處理廠所產生的氣
體)。

Renewable Energy - Town Gas & LPG

The amount of gaseous renewable energy accounts for roughly 5.7% of the "Town Gas & Liquefied Petroleum Gas" consumption. (Includes biogas from landfill site and sewage treatment plants).

可再生能源 - 油及煤產品

可再生的油性能源數量佔「油及煤產品」的使用量約
0.5%。(包括車輛使用的生物柴油)。

Renewable Energy - Oil & Coal Products

The amount of oil type renewable energy accounts for roughly 0.5% of the "Oil & Coal Products" consumption. (Includes bio-diesel used by vehicles).

3.4 可再生能源 Renewable Energy

表格 Table 15

香港可再生能源按類別劃分

Type of Renewable Energy in Hong Kong

單位 Unit：太焦耳 Terajoule

可再生能源類別 Type of Renewable Energy	可再生能源 Renewable Energy	所佔比例 Percentage
轉廢為能 Waste-to-energy	2,868	65.0%
風能及水能 Wind Energy & Hydropower	9	0.2%
太陽能 Solar Energy	1,200	27.2%
生物柴油 Bio-diesel	332	7.5%
總計 Total	4,409	100.0%

表格 Table 16

香港可再生能源按燃料劃分

Type of Renewable Energy in Hong Kong by Fuel

單位 Unit：太焦耳 Terajoule

燃料類別 Type of Fuel	燃料佔所有能源用途的比重 Weighting of Fuel in Energy End-use	可再生能源在所屬燃料類別的比重 Weighting of Renewable Energy in Respective Fuel Type
電力 Electricity	166,931 (60.7%)	1,737 (1.0%)
煤氣及石油氣 Town Gas & LPG	40,934 (14.9%)	2,340 (5.7%)
油及煤產品 Oil & Coal Products	67,139 (24.4%)	332 (0.5%)
總計 Total	275,003 (100.0%)	4,409 (1.6%)

4 能源使用 Energy Consumption



62,771 太焦耳 TJ

住宅類別的所有能源使用
Total energy consumption in
Residential Sector

29%

「空氣調節」在住宅類別的百分比
The percentage of "Air Conditioning"
in Residential Sector

49%

「私人房屋」在住宅類別的百分比
The percentage of "Private Housing"
in Residential Sector



4 能源使用 Energy Consumption

4.1 住宅類別

在 2024 年間，香港的住宅類別一共使用了 62,771 太焦耳，而其中 45,558 太焦耳是由電力提供。

在 2014 至 2024 年間，住宅類別總能源使用和電力使用分別上升 1.0% 及 4.9%（即平均按年增長率是 0.1% 和 0.5%）。

隨著家庭住戶數目的增長¹¹，住宅類別的能源使用亦同步增長

在 2024 年間，在住宅類別內每個人平均總能源使用為 8.3 千兆焦耳。在 2014 至 2024 年間，個人平均總能源使用的平均按年下降率是 0.3%。

在 2024 年間，住宅電力的使用上，香港的個人平均用電量為 6.1 千兆焦耳（1,682 千瓦小時）。在 2014 至 2024 年間，個人平均用電量的平均按年增長率是 0.1%。

4.1 Residential Sector

In 2024, the Residential Sector of Hong Kong consumed 62,771 TJ of energy with 45,558 TJ being electricity.

The energy and electricity consumption increased by 1.0% and 4.9% respectively from 2014 to 2024 (Increased at an average annual rate of 0.1% and 0.5% respectively).

The increase in consumption in the Residential Sector was accompanied by an increase household number in Hong Kong¹¹.

Within the Residential Sector, the energy consumed by each capita was 8.3 GJ in 2024. The energy consumption per capita decreased at an average annual rate of 0.3% from 2014 to 2024.

The average amount of electricity consumed in the Residential Sector of Hong Kong by each capita in 2024 was about 6.1 GJ (1,682 kWh). The electricity consumption per capita increased at an average annual rate of 0.1% from 2014 to 2024.



圖片 Figure 2
住宅類別人均能源使用
Energy Consumption Per Capita in Residential Sector

11. 相關的變動是參考政府統計處公布的家庭住戶數目。

The corresponding changes are referred to households number as published by the Census and Statistics Department.

4.1 住宅類別 Residential Sector

在住宅類別中所使用的主要燃料為「電力」和「煤氣及石油氣」，而「油及煤產品」所佔份額極微或近乎零。

The types of fuel consumed by the Residential Sector were mainly "Electricity" and "Town Gas & Liquefied Petroleum Gas" while "Oil & Coal Products" constituted only a negligible share.

圖表 Chart 25

住宅類別按燃料劃分

Residential Sector by Fuel

參考表格 Refer Table 3

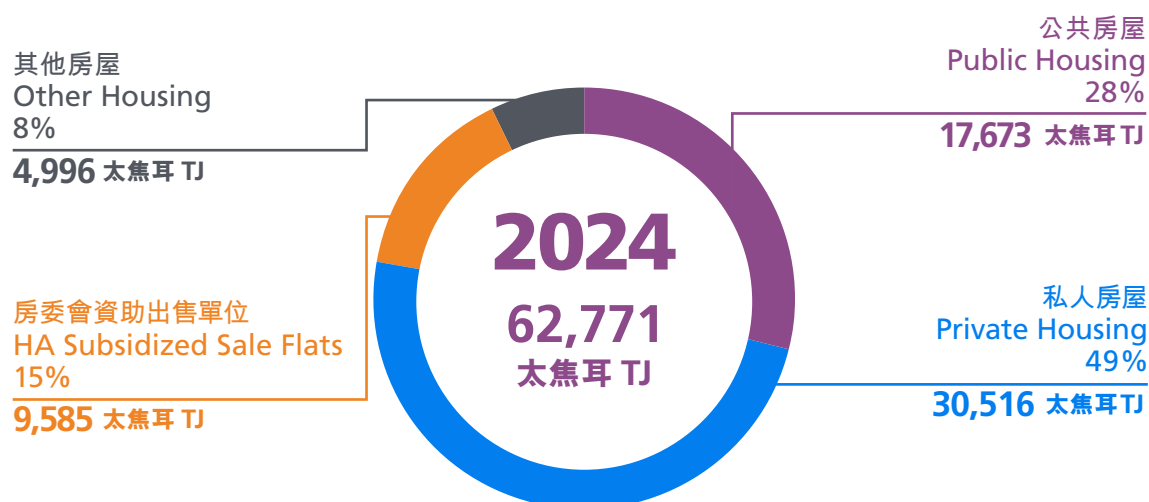


圖表 Chart 26

住宅類別所有能源使用

Total Energy Consumption in Residential Sector

參考表格 Refer Table 17



4.1 住宅類別 Residential Sector

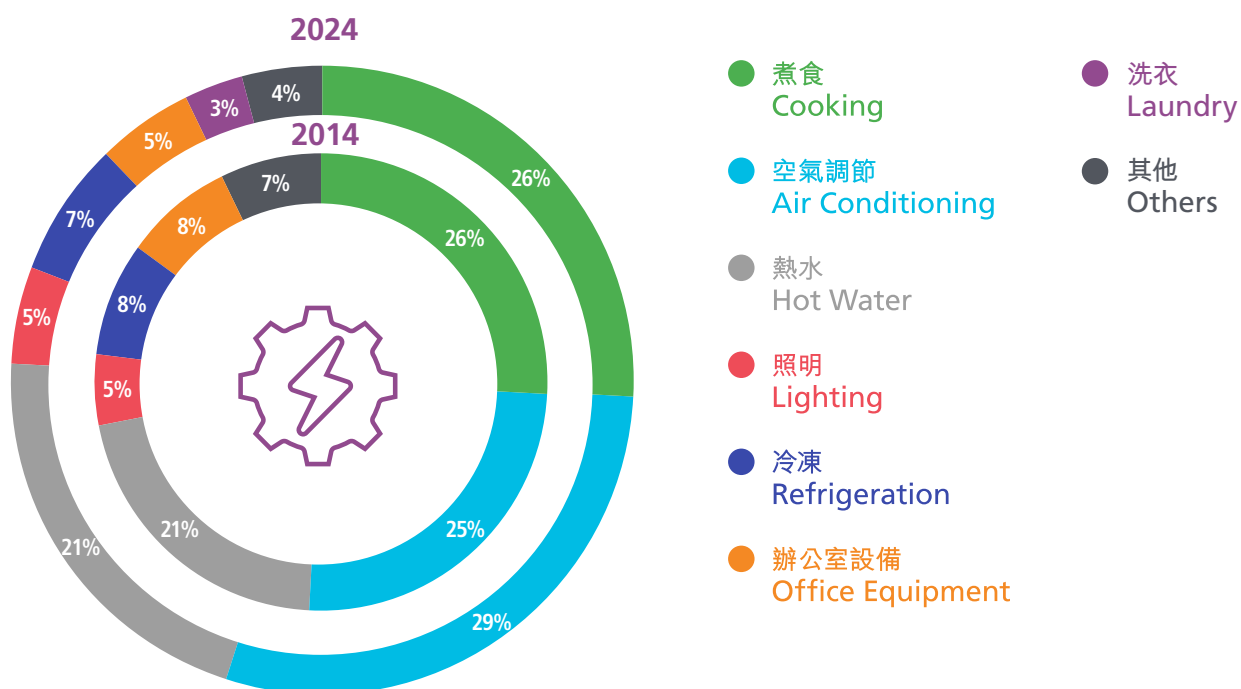
在住宅類別中，能源最終用途主要使用在「空氣調節」、「煮食」和「熱水」。

In the Residential Sector, the "Air Conditioning", "Cooking" and "Hot Water" were major energy consuming end-uses.

圖表 Chart 27

住宅類別所有能源使用按最終用途劃分

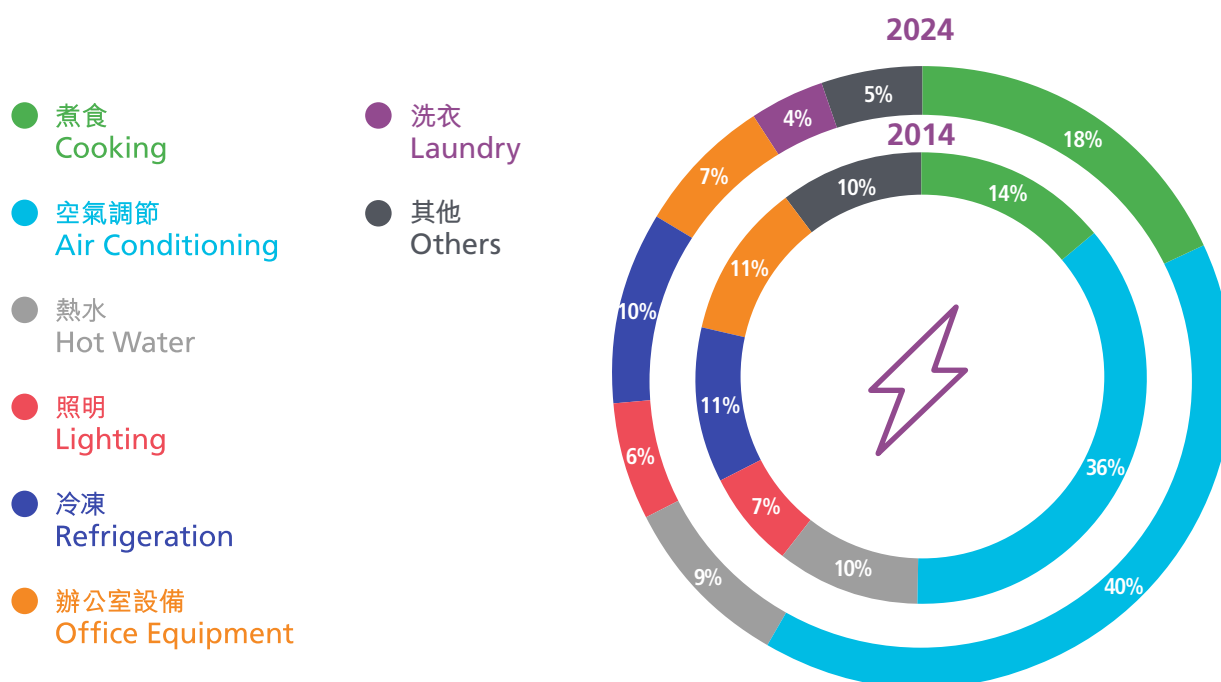
Total Energy Consumption in Residential Sector by End-use



圖表 Chart 28

住宅類別電力使用按最終用途劃分

Electricity Consumption in Residential Sector by End-use

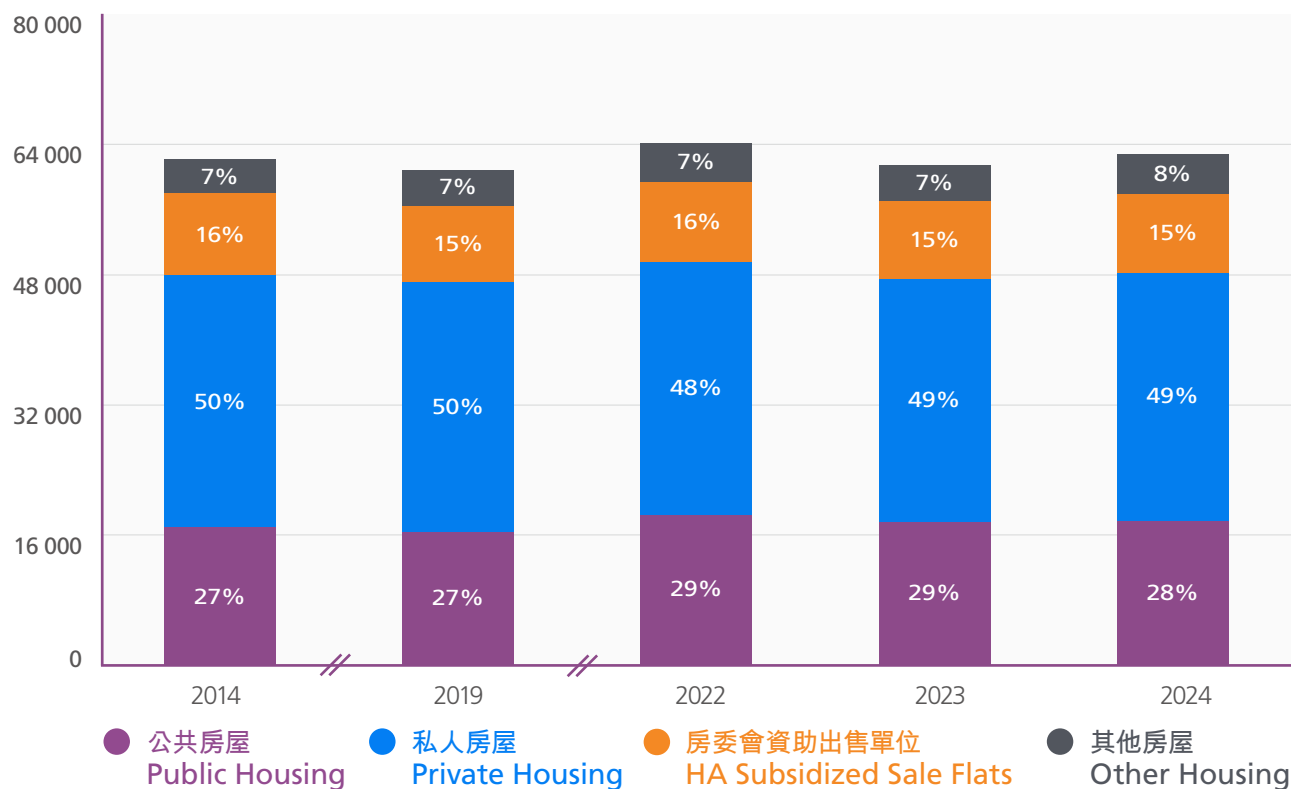


4.1 住宅類別 Residential Sector

圖表 Chart 29

住宅類別所有能源使用按組別劃分

Total Energy Consumption in Residential Sector by Segment

參考表格 Refer Table 17
單位 Unit：太焦耳 Terajoule

表格 Table 17

住宅類別所有能源使用按組別劃分

Total Energy Consumption in Residential Sector by Segment

單位 Unit：太焦耳 Terajoule

	公共房屋 Public Housing	私人房屋 Private Housing	房委會資助出售單位 HA Subsidized Sale Flats	其他房屋 Other Housing	總計 Total
2014	16,963	31,000	9,978	4,178	62,120
2015	16,387	29,879	9,626	4,548	60,441
2016	16,404	31,350	9,555	4,400	61,710
2017	15,726	31,274	9,258	4,217	60,474
2018	16,188	31,028	9,354	4,872	61,442
2019	16,339	30,728	9,274	4,538	60,878
2020	18,063	33,306	10,068	4,794	66,230
2021	18,628	32,420	10,187	5,233	66,468
2022	18,485	30,946	9,930	4,675	64,036
2023	17,605	29,832	9,500	4,461	61,399
2024	17,673	30,516	9,585	4,996	62,771

4.1 住宅類別 Residential Sector

表格 Table 18

公共房屋組別所有能源使用按最終用途劃分

Total Energy Consumption in Public Housing Segment by End-use

單位 Unit : 太焦耳 Terajoule

	煮食 Cooking	空氣調節 Air Conditioning	熱水 Hot Water	照明 Lighting	冷凍 Refrigeration	辦公室設備 Office Equipment	洗衣 Laundry	其他 Others	總計 Total
2014	4,961	3,408	3,781	757	1,461	1,455	–	1,141	16,963
2015	4,745	3,447	3,737	668	1,304	1,293	–	1,194	16,387
2016	4,723	3,572	3,897	605	1,171	1,176	–	1,261	16,404
2017	4,510	3,594	3,819	536	991	1,016	743	517	15,726
2018	4,610	3,720	4,058	582	1,019	986	673	540	16,188
2019	4,443	3,961	4,037	644	1,075	989	619	572	16,339
2020	4,851	4,594	4,541	726	1,135	1,024	579	615	18,063
2021	4,960	4,949	4,601	786	1,153	1,030	518	632	18,628
2022	4,957	4,813	4,512	800	1,382	980	433	607	18,485
2023	4,632	4,767	4,135	772	1,350	946	418	585	17,605
2024	4,649	4,821	4,078	781	1,373	957	422	592	17,673

表格 Table 19

私人房屋組別所有能源使用按最終用途劃分

Total Energy Consumption in Private Housing Segment by End-use

單位 Unit : 太焦耳 Terajoule

	煮食 Cooking	空氣調節 Air Conditioning	熱水 Hot Water	照明 Lighting	冷凍 Refrigeration	辦公室設備 Office Equipment	洗衣 Laundry	其他 Others	總計 Total
2014	7,634	8,422	6,145	1,777	2,325	2,392	–	2,304	31,000
2015	7,422	8,195	6,271	1,533	2,016	2,094	–	2,348	29,879
2016	7,948	8,527	7,127	1,420	1,842	1,949	–	2,538	31,350
2017	8,169	8,472	7,509	1,260	1,573	1,707	1,514	1,070	31,274
2018	8,180	8,422	7,463	1,224	1,592	1,669	1,368	1,110	31,028
2019	7,709	8,700	7,233	1,259	1,675	1,698	1,272	1,183	30,728
2020	8,240	9,830	7,821	1,366	1,771	1,781	1,213	1,285	33,306
2021	8,033	9,844	7,327	1,413	1,729	1,732	1,061	1,281	32,420
2022	7,842	9,112	6,695	1,469	2,056	1,641	900	1,230	30,946
2023	7,465	9,032	6,208	1,431	2,026	1,598	875	1,198	29,832
2024	7,651	9,279	6,220	1,476	2,102	1,649	902	1,236	30,516

4.1 住宅類別 Residential Sector

表格 Table 20

房委會資助出售單位組別所有能源使用按最終用途劃分

Total Energy Consumption in

Housing Authority Subsidized Sale Flats Segment by End-use

單位 Unit : 太焦耳 Terajoule

	煮食 Cooking	空氣調節 Air Conditioning	熱水 Hot Water	照明 Lighting	冷凍 Refrigeration	辦公室設備 Office Equipment	洗衣 Laundry	其他 Others	總計 Total
2014	2,493	2,557	2,169	454	714	873	–	717	9,978
2015	2,350	2,592	2,178	400	631	757	–	717	9,626
2016	2,299	2,660	2,280	359	559	673	–	725	9,555
2017	2,187	2,689	2,308	316	475	579	472	233	9,258
2018	2,254	2,613	2,446	324	489	548	424	257	9,354
2019	2,219	2,644	2,323	349	521	540	389	289	9,274
2020	2,451	2,885	2,552	388	552	549	362	329	10,068
2021	2,534	2,913	2,539	418	562	543	320	357	10,187
2022	2,566	2,647	2,470	428	678	512	266	363	9,930
2023	2,412	2,629	2,273	415	665	497	258	352	9,500
2024	2,429	2,664	2,270	421	679	504	262	357	9,585

表格 Table 21

其他房屋組別所有能源使用按最終用途劃分

Total Energy Consumption in Other Housing Segment by End-use

單位 Unit : 太焦耳 Terajoule

	煮食 Cooking	空氣調節 Air Conditioning	熱水 Hot Water	照明 Lighting	冷凍 Refrigeration	辦公室設備 Office Equipment	洗衣 Laundry	其他 Others	總計 Total
2014	1,037	1,344	680	256	274	265	–	321	4,178
2015	1,213	1,416	770	247	258	259	–	385	4,548
2016	1,278	1,305	793	208	206	217	–	393	4,400
2017	1,353	1,181	776	175	160	178	142	252	4,217
2018	1,646	1,316	925	197	184	201	152	251	4,872
2019	1,378	1,321	870	203	192	204	146	223	4,538
2020	1,378	1,476	941	222	204	219	148	205	4,794
2021	1,482	1,641	1,032	258	224	245	158	193	5,233
2022	1,291	1,458	888	253	258	232	144	151	4,675
2023	1,214	1,433	817	243	250	222	138	145	4,461
2024	1,398	1,592	894	270	280	247	153	161	4,996

4.1 住宅類別 Residential Sector

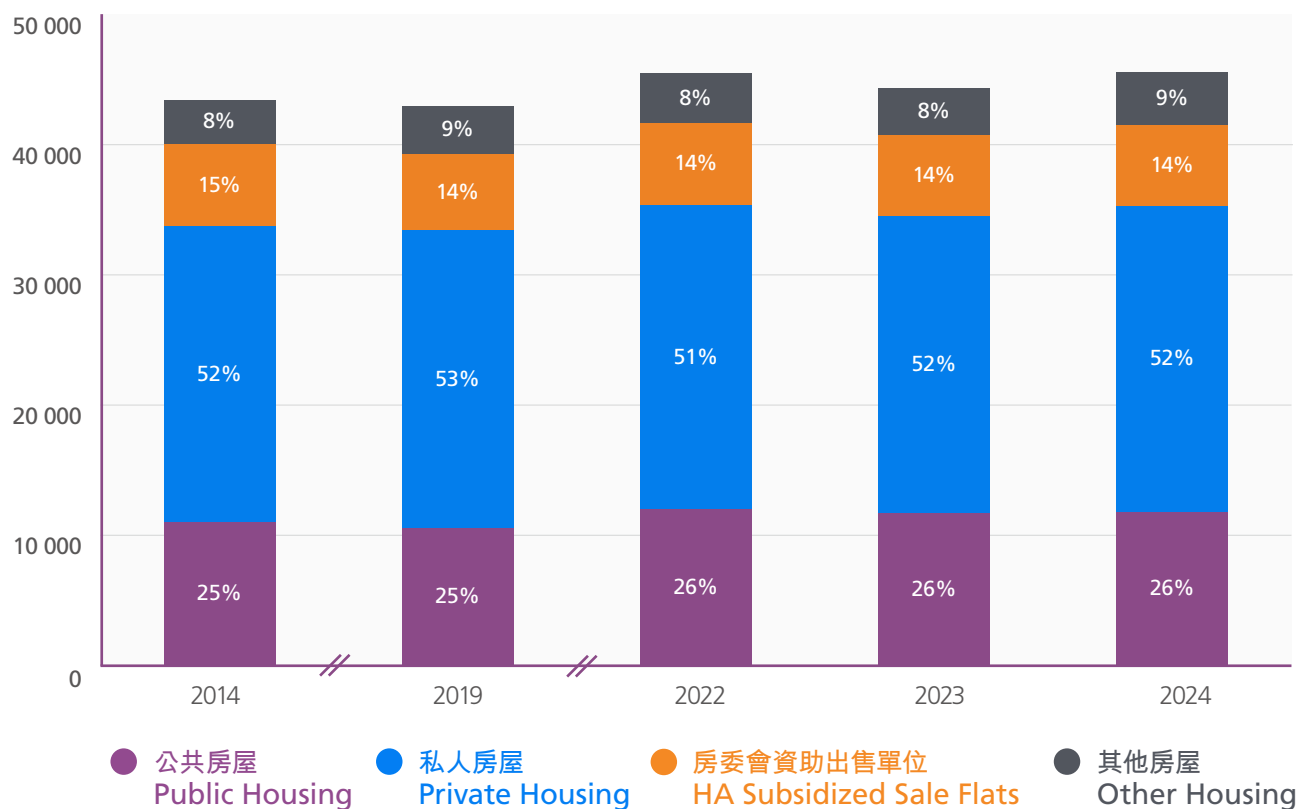
圖表 Chart 30

住宅類別電力使用按組別劃分

Electricity Consumption in Residential Sector by Segment

參考表格 Refer Table 22

單位 Unit：太焦耳 Terajoule



表格 Table 22

住宅類別電力使用按組別劃分

Electricity Consumption in Residential Sector by Segment

單位 Unit：太焦耳 Terajoule

	公共房屋 Public Housing	私人房屋 Private Housing	房委會資助出售單位 HA Subsidized Sale Flats	其他房屋 Other Housing	總計 Total
2014	10,988	22,734	6,302	3,391	43,415
2015	10,635	21,933	6,100	3,700	42,368
2016	10,601	22,917	6,026	3,576	43,120
2017	10,114	22,758	5,829	3,425	42,127
2018	10,172	22,341	5,712	3,740	41,965
2019	10,568	22,837	5,854	3,679	42,937
2020	11,617	24,820	6,324	3,914	46,675
2021	12,166	24,554	6,493	4,251	47,464
2022	11,988	23,355	6,293	3,791	45,427
2023	11,672	22,839	6,161	3,654	44,327
2024	11,789	23,475	6,244	4,049	45,558

4.1 住宅類別 Residential Sector

表格 Table 23

公共房屋組別電力使用按最終用途劃分

Electricity Consumption in Public Housing Segment by End-use

單位 Unit : 太焦耳 Terajoule

	煮食 Cooking	空氣調節 Air Conditioning	熱水 Hot Water	照明 Lighting	冷凍 Refrigeration	辦公室設備 Office Equipment	洗衣 Laundry	其他 Others	總計 Total
2014	1,672	3,408	1,117	757	1,461	1,455	–	1,119	10,988
2015	1,703	3,447	1,049	668	1,304	1,293	–	1,172	10,635
2016	1,768	3,572	1,071	605	1,171	1,176	–	1,239	10,601
2017	1,751	3,594	988	536	991	1,016	721	517	10,114
2018	1,655	3,720	1,017	582	1,019	986	654	540	10,172
2019	1,684	3,961	1,040	644	1,075	989	603	572	10,568
2020	1,830	4,594	1,130	726	1,135	1,024	564	615	11,617
2021	1,969	4,949	1,142	786	1,153	1,030	505	632	12,166
2022	2,014	4,813	969	800	1,382	980	423	607	11,988
2023	1,943	4,767	901	772	1,350	946	408	585	11,672
2024	1,965	4,821	888	781	1,373	957	413	592	11,789

表格 Table 24

私人房屋組別電力使用按最終用途劃分

Electricity Consumption in Private Housing Segment by End-use

單位 Unit : 太焦耳 Terajoule

	煮食 Cooking	空氣調節 Air Conditioning	熱水 Hot Water	照明 Lighting	冷凍 Refrigeration	辦公室設備 Office Equipment	洗衣 Laundry	其他 Others	總計 Total
2014	2,980	8,422	2,538	1,777	2,325	2,392	–	2,300	22,734
2015	3,164	8,195	2,592	1,533	2,016	2,094	–	2,339	21,933
2016	3,649	8,527	3,012	1,420	1,842	1,949	–	2,518	22,917
2017	4,064	8,472	3,138	1,260	1,573	1,707	1,475	1,070	22,758
2018	3,917	8,422	3,074	1,224	1,592	1,669	1,334	1,110	22,341
2019	4,048	8,700	3,032	1,259	1,675	1,698	1,243	1,183	22,837
2020	4,415	9,830	3,188	1,366	1,771	1,781	1,185	1,285	24,820
2021	4,525	9,844	2,992	1,413	1,729	1,732	1,038	1,281	24,554
2022	4,535	9,112	2,431	1,469	2,056	1,641	880	1,230	23,355
2023	4,416	9,032	2,282	1,431	2,026	1,598	857	1,198	22,839
2024	4,556	9,279	2,293	1,476	2,102	1,649	884	1,236	23,475

4.1 住宅類別 Residential Sector

表格 Table 25

房委會資助出售單位組別電力使用按最終用途劃分

Electricity Consumption in

Housing Authority Subsidized Sale Flats Segment by End-use

單位 Unit : 太焦耳 Terajoule

	煮食 Cooking	空氣調節 Air Conditioning	熱水 Hot Water	照明 Lighting	冷凍 Refrigeration	辦公室設備 Office Equipment	洗衣 Laundry	其他 Others	總計 Total
2014	854	2,557	143	454	714	873	–	706	6,302
2015	865	2,592	150	400	631	757	–	705	6,100
2016	894	2,660	170	359	559	673	–	712	6,026
2017	902	2,689	177	316	475	579	458	233	5,829
2018	867	2,613	203	324	489	548	413	257	5,712
2019	898	2,644	232	349	521	540	380	289	5,854
2020	984	2,885	282	388	552	549	354	329	6,324
2021	1,065	2,913	319	418	562	543	315	357	6,493
2022	1,099	2,647	304	428	678	512	262	363	6,293
2023	1,066	2,629	284	415	665	497	254	352	6,161
2024	1,082	2,664	280	421	679	504	258	357	6,244

表格 Table 26

其他房屋組別電力使用按最終用途劃分

Electricity Consumption in Other Housing Segment by End-use

單位 Unit : 太焦耳 Terajoule

	煮食 Cooking	空氣調節 Air Conditioning	熱水 Hot Water	照明 Lighting	冷凍 Refrigeration	辦公室設備 Office Equipment	洗衣 Laundry	其他 Others	總計 Total
2014	469	1,344	461	256	274	265	–	321	3,391
2015	595	1,416	540	247	258	259	–	385	3,700
2016	667	1,305	580	208	206	217	–	393	3,576
2017	755	1,181	582	175	160	178	142	252	3,425
2018	781	1,316	658	197	184	201	152	251	3,740
2019	740	1,321	649	203	192	204	146	223	3,679
2020	747	1,476	693	222	204	219	147	205	3,914
2021	794	1,641	740	258	224	245	155	193	4,251
2022	714	1,458	586	253	258	232	139	151	3,791
2023	685	1,433	542	243	250	222	134	145	3,654
2024	762	1,592	587	270	280	247	149	161	4,049

24%

「空氣調節」在商業類別的百分比
The percentage of "Air Conditioning"
in Commercial Sector

125,095 太焦耳 TJ

商業類別的所有能源使用
Total energy consumption in
Commercial Sector

14%

「辦公室」在商業類別的百分比
The percentage of "Office" in
Commercial Sector



4.2 商業類別

在 2024 年間，香港的商業類別一共使用了 125,095 太焦耳，而其中約 88.4% 或 110,546 太焦耳是由電力提供。在 2014 至 2024 年間，商業類別總能源使用和電力使用分別上升 4.6% 及 6.8%（即平均按年增長率是 0.5% 和 0.7%）。

在商業組別中，「辦公室」為主要的能源使用者，佔總量的 14%。其次為「食肆」、「零售」和「住宿」。

4.2 Commercial Sector

In 2024, the Commercial Sector of Hong Kong consumed 125,095 TJ, around 88.4% or 110,546 TJ of which was electricity. The energy and electricity increased by 4.6% and 6.8% from 2014 to 2024 respectively (Increased at an average annual rate of 0.5% and 0.7% respectively).

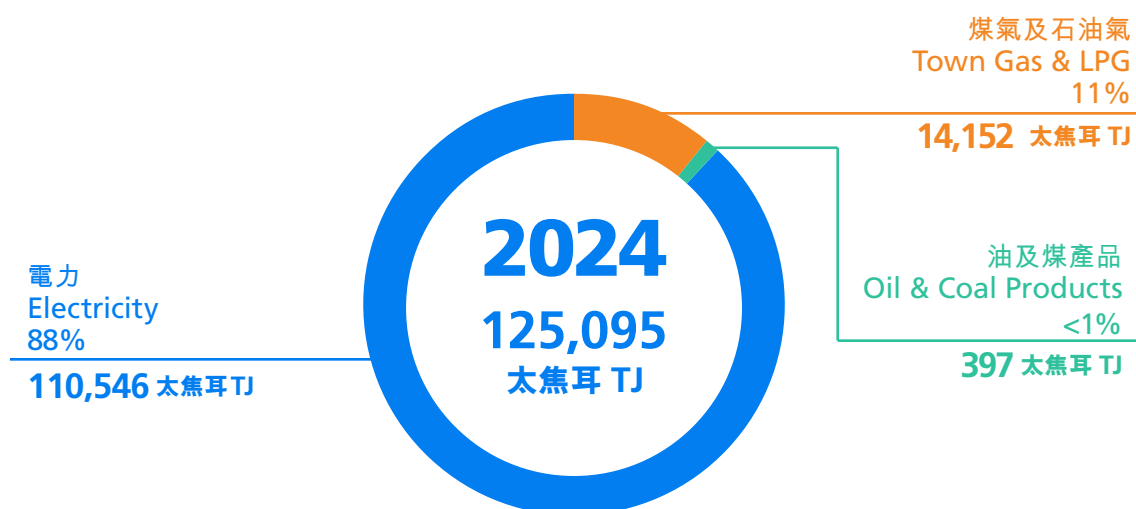
In the Commercial Sector, the "Office" Segment consumed most of the energy, accounted for 14% of overall consumption, followed by "Restaurant", "Retail" and "Accommodation".

圖表 Chart 31

商業類別按燃料劃分

Commercial Sector by Fuel

參考表格 Refer Table 4

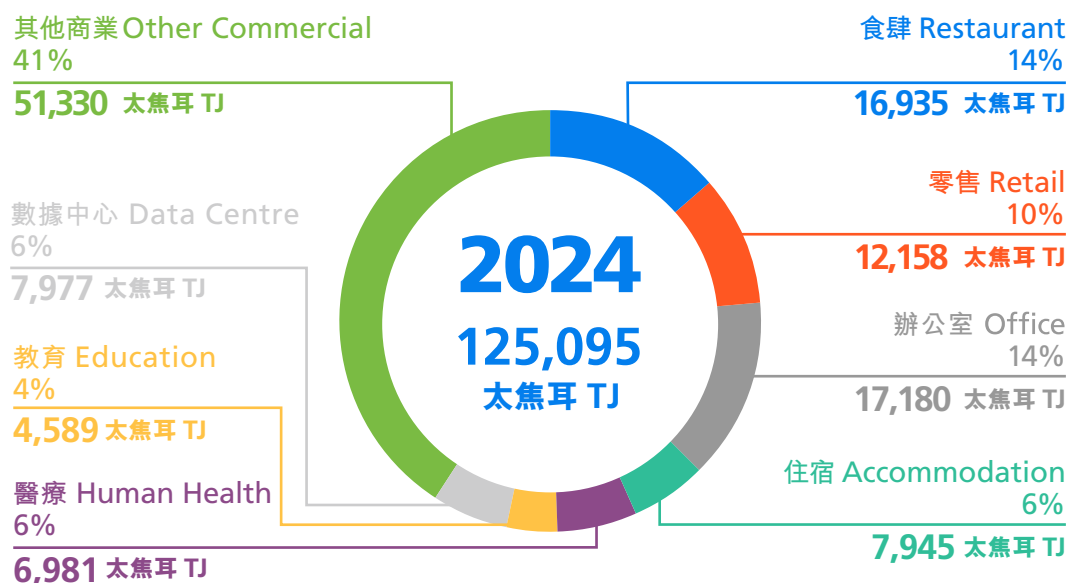


圖表 Chart 32

商業類別所有能源使用

Total Energy Consumption in Commercial Sector

參考表格 Refer Table 27



4.2 商業類別 Commercial Sector

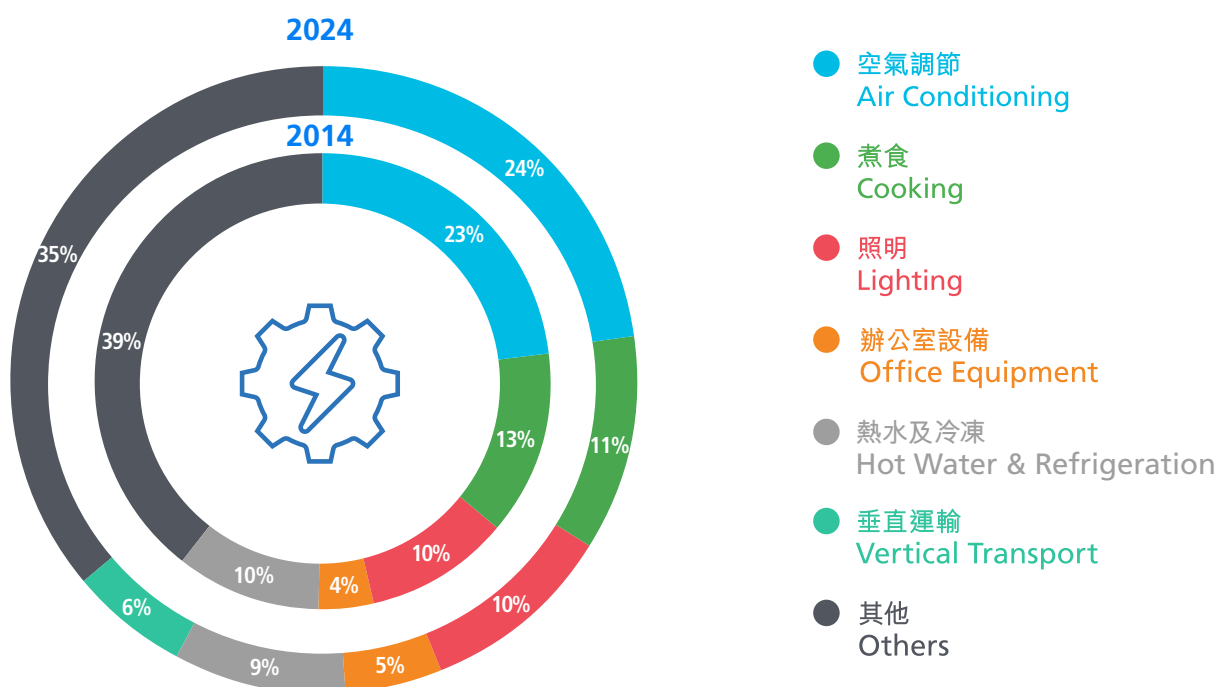
在商業類別中，能源最終用途主要使用在「空氣調節」，其次用在「煮食」、「照明」和「熱水及冷凍」。

In the Commercial Sector, the "Air Conditioning", "Cooking", "Lighting" and "Hot Water & Refrigeration" were major energy consuming end-uses.

圖表 Chart 33

商業類別所有能源使用按最終用途劃分

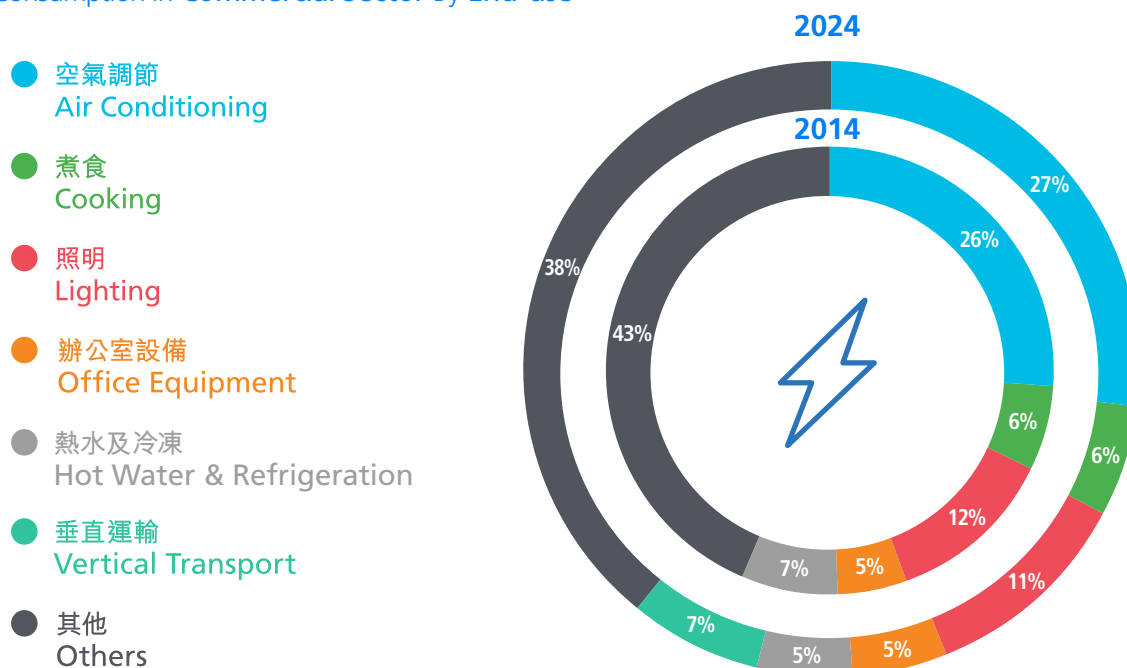
Total Energy Consumption in Commercial Sector by End-use



圖表 Chart 34

商業組別電力使用按最終用途劃分

Electricity Consumption in Commercial Sector By End-use

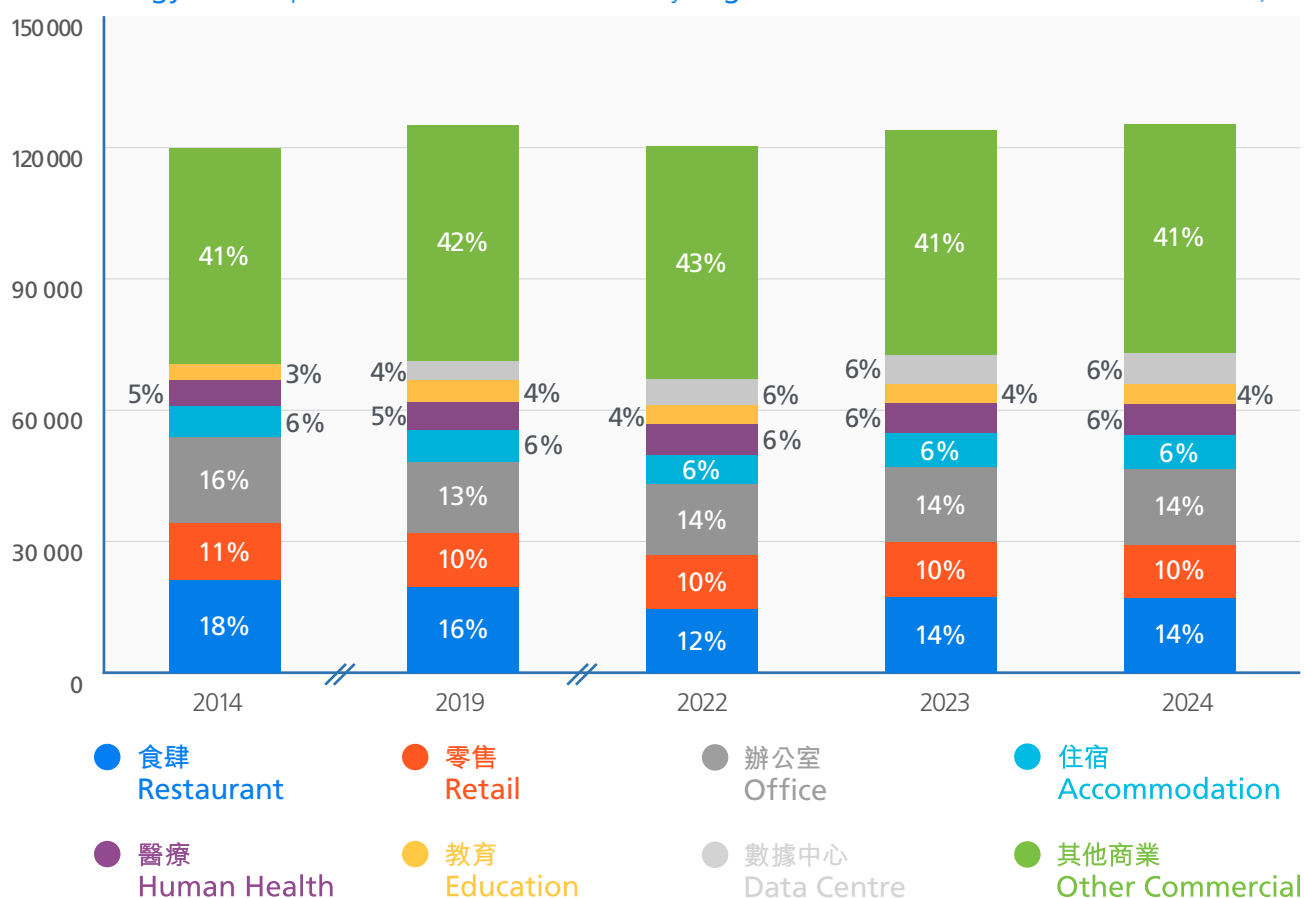


4.2 商業類別 Commercial Sector

圖表 Chart 35

商業類別所有能源使用按組別劃分

Total Energy Consumption in Commercial Sector by Segment

參考表格 Refer Table 27
單位 Unit：太焦耳 Terajoule

表格 Table 27

商業類別所有能源使用按組別劃分

Total Energy Consumption in Commercial Sector by Segment

單位 Unit：太焦耳 Terajoule

	食肆 Restaurant	零售 Retail	辦公室 Office	住宿 Accommodation	醫療 Human Health	教育 Education	數據中心 Data Centre	其他商業 Other Commercial	總計 Total
2014	21,148	12,924	19,670	6,865	5,932	3,867	—	49,192	119,598
2015	21,049	13,463	18,796	7,071	6,045	4,035	—	49,956	120,415
2016	20,948	12,324	17,924	7,098	6,062	4,222	—	51,849	120,428
2017	20,975	12,486	17,225	7,061	6,292	4,428	—	51,893	120,360
2018	21,394	12,998	16,811	7,380	6,436	4,651	4,929	49,100	123,699
2019	19,511	12,198	16,362	7,156	6,521	4,830	5,613	52,748	124,940
2020	14,424	11,365	16,200	5,608	6,734	4,487	6,174	51,597	116,589
2021	16,131	11,550	16,184	6,560	6,777	4,537	6,689	53,540	121,968
2022	14,587	12,126	16,221	6,718	6,924	4,423	7,464	51,633	120,095
2023	17,299	12,372	17,265	7,603	6,862	4,456	7,386	50,366	123,609
2024	16,935	12,158	17,180	7,945	6,981	4,589	7,977	51,330	125,095

4.2 商業類別 Commercial Sector

表格 Table 28

食肆組別所有能源使用按最終用途劃分

Total Energy Consumption in Restaurant Segment by End-use

單位 Unit : 太焦耳 Terajoule

	煮食 Cooking	空氣調節 Air Conditioning	照明 Lighting	熱水及冷凍 Hot Water & Refrigeration	垂直運輸 Vertical Transport	其他 Others	總計 Total
2014	13,587	4,418	631	2,152	–	360	21,148
2015	13,844	4,137	589	2,160	–	319	21,049
2016	14,110	3,813	550	2,195	–	280	20,948
2017	14,392	3,612	509	2,223	107	132	20,975
2018	14,962	3,445	478	2,308	83	118	21,394
2019	13,820	3,045	423	2,048	69	106	19,511
2020	9,707	2,723	379	1,462	59	95	14,424
2021	11,094	2,805	391	1,682	61	98	16,131
2022	10,046	2,544	355	1,499	53	90	14,587
2023	12,141	2,786	389	1,828	58	97	17,299
2024	11,837	2,797	390	1,754	60	98	16,935

表格 Table 29

零售組別所有能源使用按最終用途劃分

Total Energy Consumption in Retail Segment by End-use

單位 Unit : 太焦耳 Terajoule

	空氣調節 Air Conditioning	照明 Lighting	熱水及冷凍 Hot Water & Refrigeration	垂直運輸 Vertical Transport	其他 Others	總計 Total
2014	3,775	3,117	2,883	–	3,148	12,924
2015	3,947	3,300	3,045	–	3,171	13,463
2016	3,598	3,089	2,491	–	3,146	12,324
2017	3,658	3,162	2,381	61	3,224	12,486
2018	3,755	3,311	2,329	60	3,543	12,998
2019	3,574	3,173	2,061	55	3,335	12,198
2020	3,367	3,002	1,810	45	3,140	11,365
2021	3,434	3,128	1,793	33	3,162	11,550
2022	3,615	3,389	1,870	19	3,232	12,126
2023	3,654	3,424	1,891	19	3,384	12,372
2024	3,562	3,329	1,839	19	3,409	12,158

4.2 商業類別 Commercial Sector

表格 Table 30

辦公室組別所有能源使用按最終用途劃分

Total Energy Consumption in Office Segment by End-use

單位 Unit : 太焦耳 Terajoule

	空氣調節 Air Conditioning	照明 Lighting	辦公室設備 Office Equipment	垂直運輸 Vertical Transport	其他 Others	總計 Total
2014	8,406	3,251	3,019	–	4,994	19,670
2015	8,073	3,204	3,055	–	4,464	18,796
2016	7,711	3,171	3,111	–	3,930	17,924
2017	7,542	3,125	3,152	2,250	1,156	17,225
2018	7,489	3,138	3,261	1,947	976	16,811
2019	7,417	3,147	3,378	1,630	790	16,362
2020	7,329	3,122	3,350	1,611	788	16,200
2021	7,323	3,119	3,346	1,609	787	16,184
2022	7,350	3,122	3,350	1,615	785	16,221
2023	7,866	3,299	3,554	1,733	814	17,265
2024	7,837	3,278	3,532	1,726	806	17,180

表格 Table 31

住宿組別所有能源使用按最終用途劃分

Total Energy Consumption in Accommodation Segment by End-use

單位 Unit : 太焦耳 Terajoule

	空氣調節 Air Conditioning	照明 Lighting	辦公室設備 Office Equipment	熱水及冷凍 Hot Water & Refrigeration	垂直運輸 Vertical Transport	其他 Others	總計 Total
2014	3,162	428	123	1,421	–	1,731	6,865
2015	3,274	446	128	1,444	–	1,779	7,071
2016	3,234	452	129	1,476	–	1,808	7,098
2017	3,225	447	128	1,463	525	1,273	7,061
2018	3,391	469	134	1,512	553	1,321	7,380
2019	3,269	453	130	1,477	529	1,299	7,156
2020	2,539	356	102	1,156	393	1,063	5,608
2021	3,023	421	120	1,319	482	1,195	6,560
2022	3,105	431	123	1,343	499	1,217	6,718
2023	3,532	488	140	1,514	575	1,354	7,603
2024	3,679	507	146	1,587	602	1,423	7,945

4.2 商業類別 Commercial Sector

表格 Table 32

醫療組別所有能源使用按最終用途劃分

Total Energy Consumption in Human Health Segment by End-use

單位 Unit : 太焦耳 Terajoule

	空氣調節 Air Conditioning	照明 Lighting	辦公室設備 Office Equipment	熱水及冷凍 Hot Water & Refrigeration	垂直運輸 Vertical Transport	其他 Others	總計 Total
2014	2,118	428	278	1,746	–	1,361	5,932
2015	2,342	467	277	1,690	–	1,269	6,045
2016	2,509	503	274	1,616	–	1,161	6,062
2017	2,755	537	268	1,665	222	844	6,292
2018	2,998	576	264	1,653	221	725	6,436
2019	3,274	621	263	1,549	222	594	6,521
2020	3,317	629	265	1,691	224	608	6,734
2021	3,358	637	269	1,672	227	613	6,777
2022	3,394	643	271	1,763	229	623	6,924
2023	3,423	649	274	1,661	232	623	6,862
2024	3,424	622	294	1,788	213	640	6,981

表格 Table 33

教育組別所有能源使用按最終用途劃分

Total Energy Consumption in Education Segment by End-use

單位 Unit : 太焦耳 Terajoule

	空氣調節 Air Conditioning	照明 Lighting	辦公室設備 Office Equipment	熱水及冷凍 Hot Water & Refrigeration	垂直運輸 Vertical Transport	其他 Others	總計 Total
2014	2,049	663	403	154	–	599	3,867
2015	2,163	668	425	161	–	617	4,035
2016	2,272	683	454	171	–	641	4,222
2017	2,427	690	477	177	156	501	4,428
2018	2,577	700	504	190	142	537	4,651
2019	2,709	705	527	197	127	564	4,830
2020	2,536	660	494	164	119	514	4,487
2021	2,556	665	497	174	120	525	4,537
2022	2,487	647	484	175	117	514	4,423
2023	2,494	649	485	186	117	523	4,456
2024	2,570	669	500	191	121	539	4,589

4.2 商業類別 Commercial Sector

表格 Table 34

數據中心組別所有能源使用按最終用途劃分

Total Energy Consumption in Data Centre Segment by End-use

單位 Unit : 太焦耳 Terajoule

	空氣調節 Air Conditioning	照明 Lighting	辦公室設備 Office Equipment	伺服器房 資訊科技設備 Server Room IT Equipment	垂直運輸 Vertical Transport	其他 Others	總計 Total
2014	—	—	—	—	—	—	—
2015	—	—	—	—	—	—	—
2016	—	—	—	—	—	—	—
2017	—	—	—	—	—	—	—
2018	1,837	110	115	2,709	32	126	4,929
2019	2,092	126	131	3,085	37	142	5,613
2020	2,300	138	144	3,392	40	159	6,174
2021	2,492	150	157	3,675	44	173	6,689
2022	2,781	167	175	4,101	49	192	7,464
2023	2,748	165	173	4,053	48	199	7,386
2024	2,967	178	186	4,376	52	218	7,977

表格 Table 35

其他商業組別所有能源使用按最終用途劃分

Total Energy Consumption in Other Commercial Segment by End-use

單位 Unit : 太焦耳 Terajoule

	空氣調節 Air Conditioning	照明 Lighting	辦公室設備 Office Equipment	熱水及冷凍 Hot Water & Refrigeration	垂直運輸 Vertical Transport	其他 Others	總計 Total
2014	3,409	3,865	369	2,536	—	39,012	49,192
2015	3,491	3,795	372	2,647	—	39,651	49,956
2016	3,360	3,682	372	2,901	—	41,534	51,849
2017	3,409	3,579	370	3,184	5,971	35,379	51,893
2018	3,391	3,552	328	3,208	5,845	32,776	49,100
2019	3,242	3,488	280	3,183	5,611	36,944	52,748
2020	3,100	3,421	259	2,837	5,580	36,400	51,597
2021	3,092	3,387	259	2,933	5,628	38,241	53,540
2022	3,218	3,084	161	3,126	4,898	37,147	51,633
2023	3,242	3,068	160	3,383	4,924	35,589	50,366
2024	3,256	3,097	161	3,356	5,017	36,443	51,330

4.2 商業類別 Commercial Sector

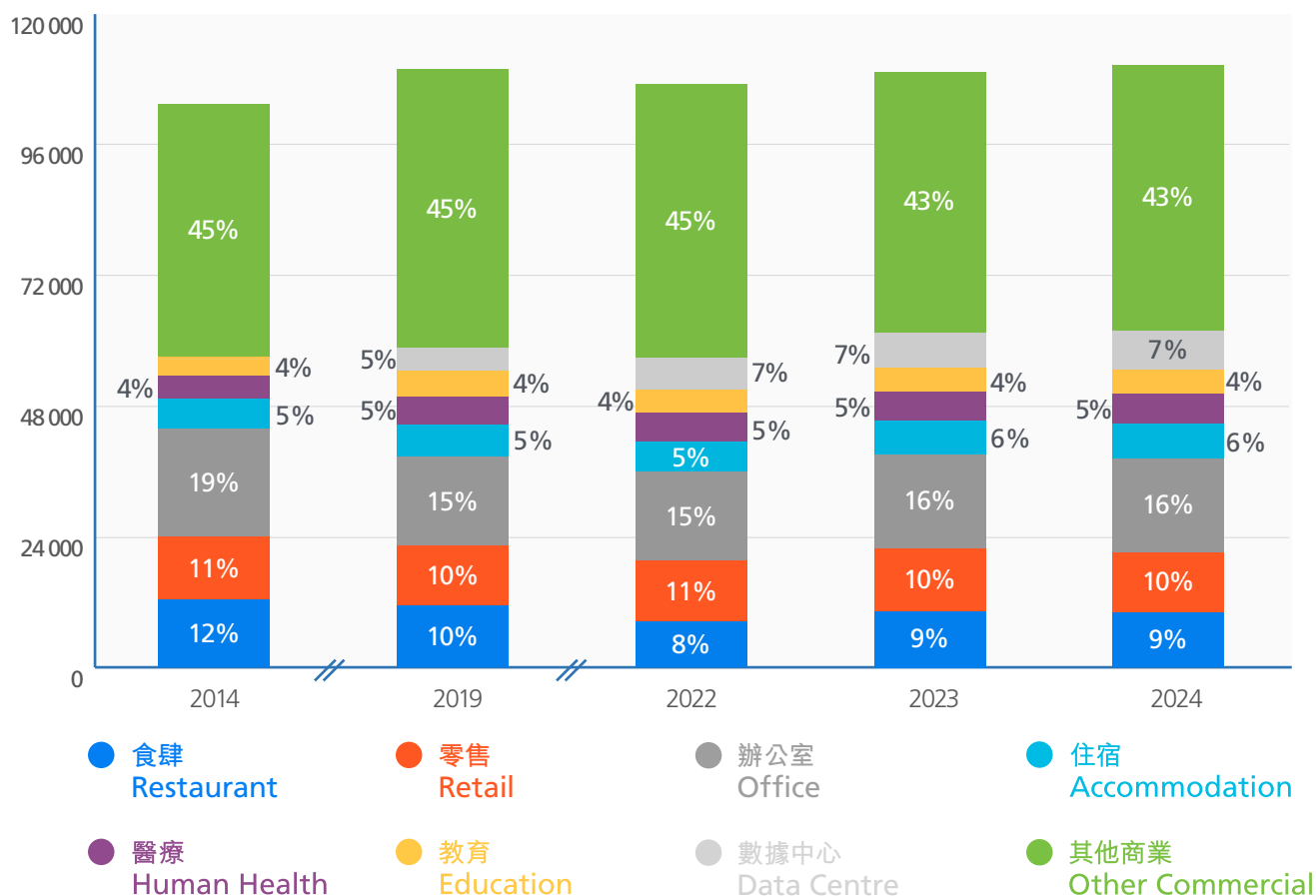
圖表 Chart 36

商業類別電力使用按組別劃分

Electricity Consumption in Commercial Sector by Segment

參考表格 Refer Table 36

單位 Unit：太焦耳 Terajoule



表格 Table 36

商業類別電力使用按組別劃分

Electricity Consumption in Commercial Sector by Segment

單位 Unit：太焦耳 Terajoule

	食肆 Restaurant	零售 Retail	辦公室 Office	住宿 Accommodation	醫療 Human Health	教育 Education	數據中心 Data Centre	其他商業 Other Commercial	總計 Total
2014	12,373	11,706	19,669	5,589	4,129	3,740	–	46,265	103,471
2015	12,379	12,315	18,795	5,799	4,337	3,905	–	47,116	104,647
2016	12,414	11,235	17,923	5,796	4,476	4,094	–	48,901	104,839
2017	12,550	11,359	17,224	5,748	4,679	4,305	–	48,804	104,669
2018	12,941	11,675	16,811	6,045	4,890	4,523	4,896	45,932	107,712
2019	11,287	11,073	16,361	5,828	5,146	4,709	5,576	49,881	109,861
2020	8,026	10,401	16,199	4,531	5,211	4,409	6,131	49,270	104,178
2021	9,403	10,660	16,183	5,391	5,276	4,442	6,642	51,058	109,055
2022	8,326	11,317	16,220	5,537	5,332	4,322	7,412	48,737	107,204
2023	10,288	11,437	17,264	6,295	5,378	4,336	7,326	46,978	109,301
2024	9,967	11,138	17,179	6,555	5,379	4,466	7,909	47,953	110,546

4.2 商業類別 Commercial Sector

表格 Table 37

食肆組別電力使用按最終用途劃分

Electricity Consumption in Restaurant Segment by End-use

單位 Unit : 太焦耳 Terajoule

	煮食 Cooking	空氣調節 Air Conditioning	照明 Lighting	熱水及冷凍 Hot Water & Refrigeration	垂直運輸 Vertical Transport	其他 Others	總計 Total
2014	5,268	4,418	631	1,727	–	329	12,373
2015	5,613	4,137	589	1,743	–	296	12,379
2016	5,997	3,813	550	1,790	–	264	12,414
2017	6,372	3,612	509	1,826	107	124	12,550
2018	6,900	3,445	478	1,917	83	118	12,941
2019	5,977	3,045	423	1,667	69	106	11,287
2020	3,618	2,723	379	1,152	59	95	8,026
2021	4,687	2,805	391	1,362	61	98	9,403
2022	4,083	2,544	355	1,201	53	90	8,326
2023	5,453	2,786	389	1,504	58	97	10,288
2024	5,189	2,797	390	1,434	60	98	9,967

表格 Table 38

零售組別電力使用按最終用途劃分

Electricity Consumption in Retail Segment by End-use

單位 Unit : 太焦耳 Terajoule

	空氣調節 Air Conditioning	照明 Lighting	熱水及冷凍 Hot Water & Refrigeration	垂直運輸 Vertical Transport	其他 Others	總計 Total
2014	3,775	3,117	2,823	–	1,991	11,706
2015	3,947	3,300	2,990	–	2,078	12,315
2016	3,598	3,089	2,476	–	2,071	11,235
2017	3,658	3,162	2,371	61	2,108	11,359
2018	3,755	3,311	2,318	60	2,230	11,675
2019	3,574	3,173	2,050	55	2,221	11,073
2020	3,367	3,002	1,800	45	2,186	10,401
2021	3,434	3,128	1,783	33	2,281	10,660
2022	3,615	3,389	1,859	19	2,435	11,317
2023	3,654	3,424	1,877	19	2,463	11,437
2024	3,562	3,329	1,822	19	2,406	11,138

4.2 商業類別 Commercial Sector

表格 Table 39

辦公室組別電力使用按最終用途劃分

Electricity Consumption in Office Segment by End-use

單位 Unit : 太焦耳 Terajoule

	空氣調節 Air Conditioning	照明 Lighting	辦公室設備 Office Equipment	垂直運輸 Vertical Transport	其他 Others	總計 Total
2014	8,406	3,251	3,019	–	4,993	19,669
2015	8,073	3,204	3,055	–	4,464	18,795
2016	7,711	3,171	3,111	–	3,929	17,923
2017	7,542	3,125	3,152	2,250	1,155	17,224
2018	7,489	3,138	3,261	1,947	976	16,811
2019	7,417	3,147	3,378	1,630	789	16,361
2020	7,329	3,122	3,350	1,611	787	16,199
2021	7,323	3,119	3,346	1,609	786	16,183
2022	7,350	3,122	3,350	1,615	784	16,220
2023	7,866	3,299	3,554	1,733	813	17,264
2024	7,837	3,278	3,532	1,726	805	17,179

表格 Table 40

住宿組別電力使用按最終用途劃分

Electricity Consumption in Accommodation Segment by End-use

單位 Unit : 太焦耳 Terajoule

	空氣調節 Air Conditioning	照明 Lighting	辦公室設備 Office Equipment	熱水及冷凍 Hot Water & Refrigeration	垂直運輸 Vertical Transport	其他 Others	總計 Total
2014	3,150	428	123	745	–	1,144	5,589
2015	3,262	446	128	771	–	1,192	5,799
2016	3,221	452	129	788	–	1,206	5,796
2017	3,212	447	128	772	525	665	5,748
2018	3,378	469	134	813	553	697	6,045
2019	3,256	453	130	781	529	678	5,828
2020	2,529	356	102	605	393	546	4,531
2021	3,012	421	120	721	482	636	5,391
2022	3,094	431	123	738	499	652	5,537
2023	3,519	488	140	840	575	733	6,295
2024	3,666	507	146	871	602	763	6,555

4.2 商業類別 Commercial Sector

表格 Table 41

醫療組別電力使用按最終用途劃分

Electricity Consumption in Human Health Segment by End-use

單位 Unit : 太焦耳 Terajoule

	空氣調節 Air Conditioning	照明 Lighting	辦公室設備 Office Equipment	熱水及冷凍 Hot Water & Refrigeration	垂直運輸 Vertical Transport	其他 Others	總計 Total
2014	2,118	428	278	264	–	1,040	4,129
2015	2,342	467	277	257	–	993	4,337
2016	2,509	503	274	254	–	938	4,476
2017	2,755	537	268	244	222	652	4,679
2018	2,998	576	264	239	221	592	4,890
2019	3,274	621	263	235	222	532	5,146
2020	3,317	629	265	236	224	540	5,211
2021	3,358	637	269	238	227	547	5,276
2022	3,394	643	271	241	229	553	5,332
2023	3,423	649	274	243	232	557	5,378
2024	3,424	622	294	257	213	570	5,379

表格 Table 42

教育組別電力使用按最終用途劃分

Electricity Consumption in Education Segment by End-use

單位 Unit : 太焦耳 Terajoule

	空氣調節 Air Conditioning	照明 Lighting	辦公室設備 Office Equipment	熱水及冷凍 Hot Water & Refrigeration	垂直運輸 Vertical Transport	其他 Others	總計 Total
2014	2,049	663	403	102	–	523	3,740
2015	2,163	668	425	106	–	543	3,905
2016	2,272	683	454	112	–	572	4,094
2017	2,427	690	477	117	156	438	4,305
2018	2,577	700	504	123	142	477	4,523
2019	2,709	705	527	128	127	513	4,709
2020	2,536	660	494	119	119	480	4,409
2021	2,556	665	497	120	120	484	4,442
2022	2,487	647	484	117	117	471	4,322
2023	2,494	649	485	117	117	472	4,336
2024	2,570	669	500	121	121	486	4,466

4.2 商業類別 Commercial Sector

表格 Table 43

數據中心組別電力使用按最終用途劃分

Electricity Consumption in Data Centre Segment by End-use

單位 Unit : 太焦耳 Terajoule

	空氣調節 Air Conditioning	照明 Lighting	辦公室設備 Office Equipment	伺服器房 資訊科技設備 Server Room IT Equipment	垂直運輸 Vertical Transport	其他 Others	總計 Total
2014	—	—	—	—	—	—	—
2015	—	—	—	—	—	—	—
2016	—	—	—	—	—	—	—
2017	—	—	—	—	—	—	—
2018	1,837	110	115	2,709	32	93	4,896
2019	2,092	126	131	3,085	37	106	5,576
2020	2,300	138	144	3,392	40	116	6,131
2021	2,492	150	157	3,675	44	126	6,642
2022	2,781	167	175	4,101	49	141	7,412
2023	2,748	165	173	4,053	48	139	7,326
2024	2,967	178	186	4,376	52	150	7,909

表格 Table 44

其他商業組別電力使用按最終用途劃分

Electricity Consumption in Other Commercial Segment by End-use

單位 Unit : 太焦耳 Terajoule

	空氣調節 Air Conditioning	照明 Lighting	辦公室設備 Office Equipment	熱水及冷凍 Hot Water & Refrigeration	垂直運輸 Vertical Transport	其他 Others	總計 Total
2014	3,409	3,865	369	1,036	—	37,586	46,265
2015	3,491	3,795	372	1,184	—	38,275	47,116
2016	3,360	3,682	372	1,334	—	40,153	48,901
2017	3,409	3,579	370	1,484	5,870	34,092	48,804
2018	3,391	3,552	328	1,481	5,738	31,442	45,932
2019	3,242	3,488	280	1,443	5,561	35,866	49,881
2020	3,100	3,421	259	1,317	5,532	35,641	49,270
2021	3,092	3,387	259	1,312	5,575	37,432	51,058
2022	3,218	3,084	161	1,046	4,845	36,383	48,737
2023	3,242	3,068	160	1,024	4,877	34,608	46,978
2024	3,256	3,097	161	1,015	4,966	35,458	47,953

11,261 太焦耳 TJ

工業類別的所有能源使用
Total energy consumption in
Industrial Sector

41%

「非製造業」在工業類別的百分比
The percentage of
"Non-manufacturing" in
Industrial Sector

47%

「工業生產 / 設備」在工業類別的
百分比
The percentage of
"Industrial Process / Equipment"
in Industrial Sector



4.3 工業類別

在 2024 年間，香港的工業類別一共使用了 11,261 太焦耳，而其中的 58.8% 或 6,616 太焦耳是由電力提供。2014 至 2024 年間，工業類別總能源使用和電力使用分別下降 13.4% 及 21.0%（即平均按年下降率是 1.4% 和 2.3%）。

4.3 Industrial Sector

In 2024, the Industrial Sector of Hong Kong consumed 11,261 TJ, around 58.8% or 6,616 TJ of which was electricity. The energy and electricity consumption decreased by 13.4% and 21.0% respectively from 2014 to 2024 (Decreased at an average annual rate of 1.4% and 2.3% respectively).

圖表 Chart 37

工業類別按燃料劃分

Industrial Sector by Fuel

參考表格 Refer Table 5

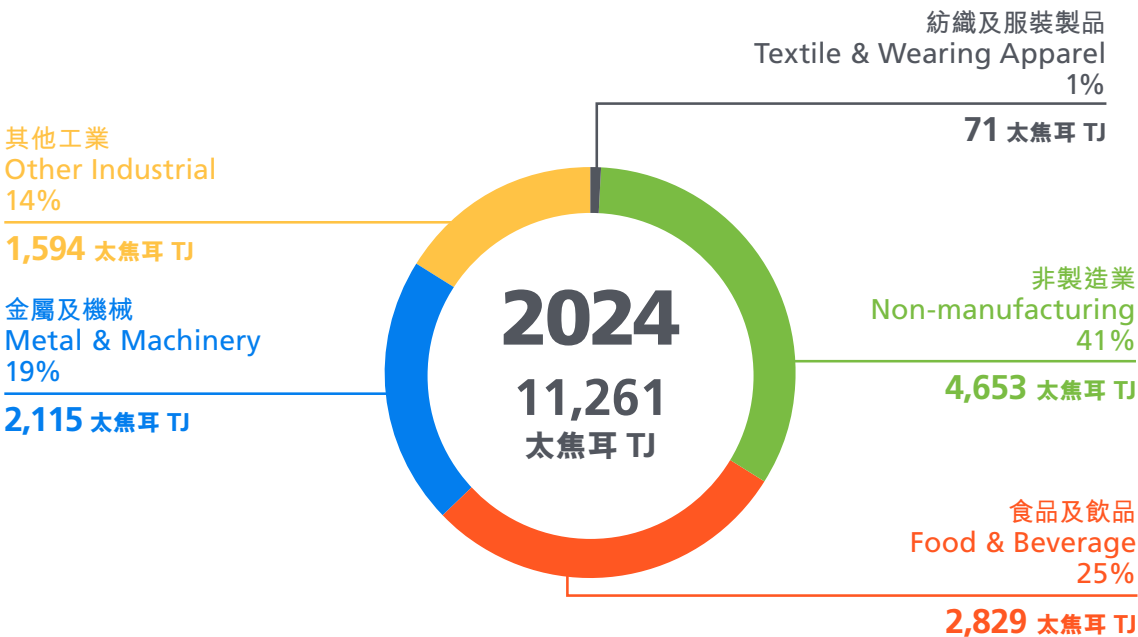


圖表 Chart 38

工業類別所有能源使用

Total Energy Consumption in Industrial Sector

參考表格 Refer Table 45



4.3 工業類別 Industrial Sector

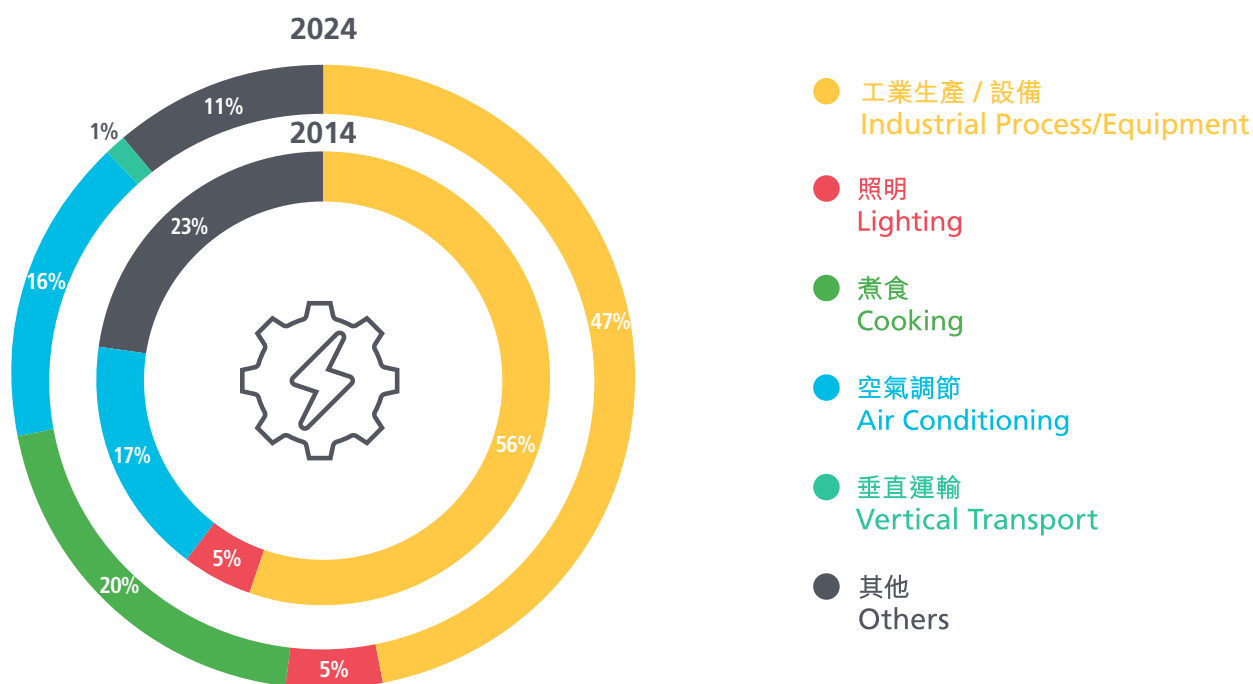
在工業類別中，能源最終用途主要使用在「工業生產／設備」、「煮食」和「空氣調節」。

In the Industrial Sector, the "Industrial Process / Equipment", "Cooking" and "Air Conditioning" were major consuming end-uses.

圖表 Chart 39

工業類別所有能源使用按最終用途劃分

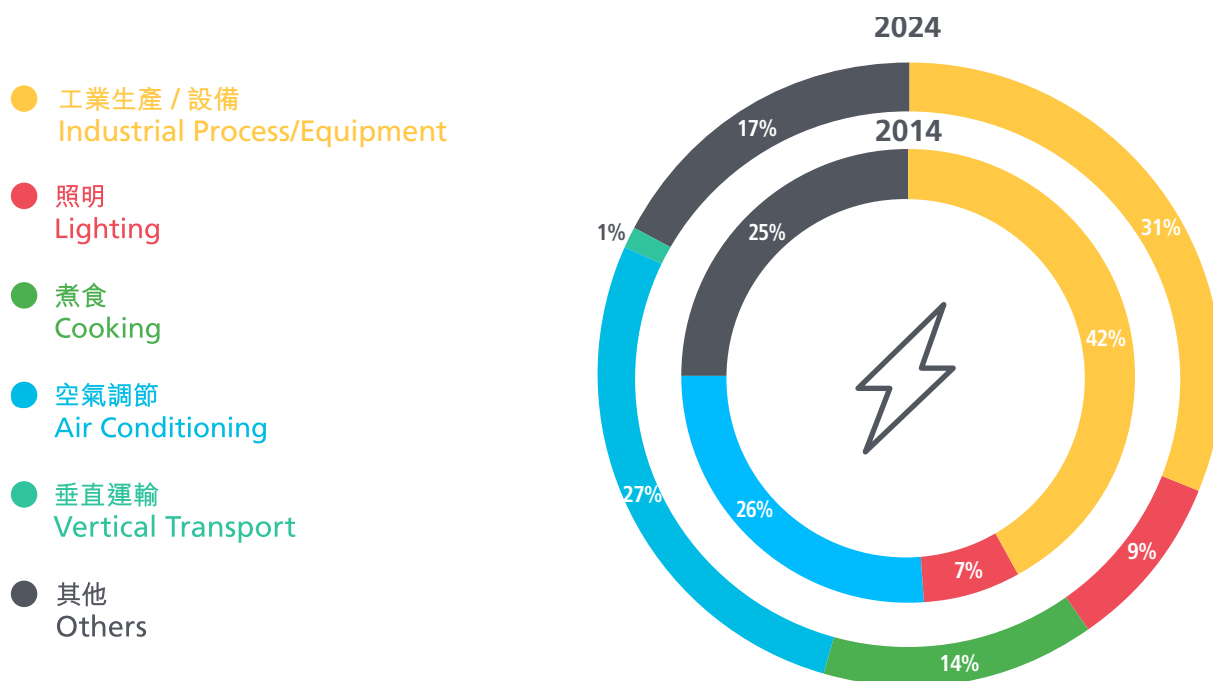
Total Energy Consumption in Industrial Sector by End-use



圖表 Chart 40

工業類別電力使用按最終用途劃分

Electricity Consumption in Industrial Sector by End-use

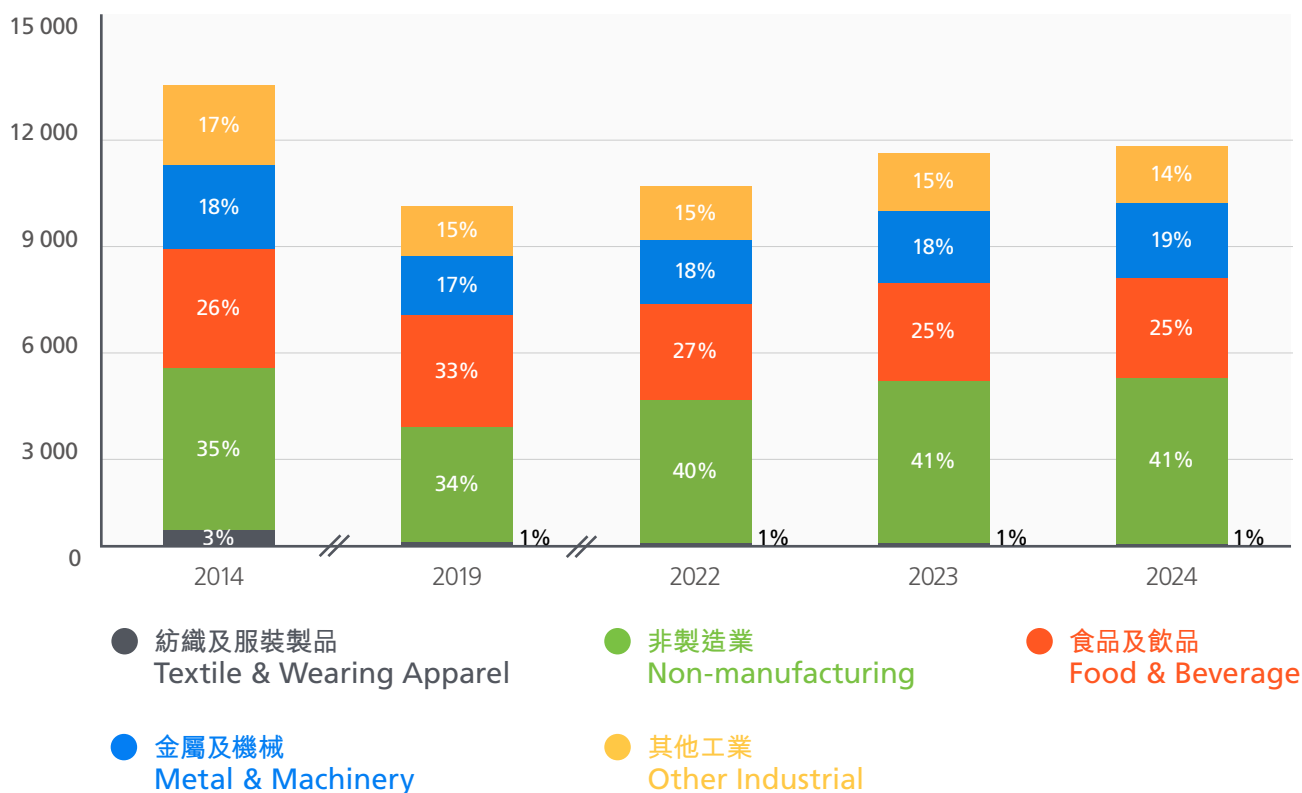


4.3 工業類別 Industrial Sector

圖表 Chart 41

工業類別所有能源使用按組別劃分

Total Energy Consumption in Industrial Sector by Segment

參考表格 Refer Table 45
單位 Unit：太焦耳 Terajoule

表格 Table 45

工業類別所有能源使用按組別劃分

Total Energy Consumption in Industrial Sector by Segment

單位 Unit：太焦耳 Terajoule

	紡織及服裝製品 Textile & Wearing Apparel	非製造業 Non-manufacturing	食品及飲品 Food & Beverage	金屬及機械 Metal & Machinery	其他工業 Other Industrial	總計 Total
2014	453	4,549	3,368	2,358	2,270	12,997
2015	355	4,692	3,514	2,196	2,234	12,990
2016	259	4,260	3,515	1,996	2,166	12,195
2017	187	4,468	3,719	1,919	2,266	12,560
2018	154	3,877	3,365	1,752	1,653	10,800
2019	127	3,215	3,177	1,655	1,410	9,584
2020	111	3,280	2,825	1,713	1,387	9,316
2021	92	3,566	2,725	1,721	1,346	9,451
2022	83	4,022	2,731	1,788	1,516	10,140
2023	77	4,589	2,756	2,005	1,662	11,090
2024	71	4,653	2,829	2,115	1,594	11,261

4.3 工業類別 Industrial Sector

表格 Table 46

紡織及服裝製品組別所有能源使用按最終用途劃分

Total Energy Consumption in Textile & Wearing Apparel Segment by End-use

單位 Unit：太焦耳 Terajoule

	工業生產 / 設備 Industrial Process /Equipment	照明 Lighting	空氣調節 Air Conditioning	垂直運輸 Vertical Transport	煮食 Cooking	其他 Others	總計 Total
2014	275	39	85	—	—	54	453
2015	217	33	61	—	—	44	355
2016	153	27	44	—	—	35	259
2017	102	23	33	3	1	25	187
2018	81	21	32	2	1	18	154
2019	65	19	29	1	1	13	127
2020	56	18	26	<1	1	10	111
2021	46	16	22	<1	1	7	92
2022	42	15	20	<1	1	6	83
2023	39	14	18	—	1	5	77
2024	35	13	17	—	1	5	71

表格 Table 47

非製造業組別所有能源使用按最終用途劃分

Total Energy Consumption in Non-manufacturing Segment by End-use

單位 Unit：太焦耳 Terajoule

	工業生產 / 設備 Industrial Process /Equipment	照明 Lighting	空氣調節 Air Conditioning	垂直運輸 Vertical Transport	煮食 Cooking	其他 Others	總計 Total
2014	2,353	313	566	—	—	1,317	4,549
2015	2,532	309	472	—	—	1,379	4,692
2016	2,371	287	336	—	—	1,266	4,260
2017	2,512	343	278	786	37	512	4,468
2018	2,200	345	304	442	39	548	3,877
2019	1,799	298	330	215	39	534	3,215
2020	1,788	303	420	138	46	585	3,280
2021	1,854	315	552	109	57	680	3,566
2022	2,016	330	719	110	69	778	4,022
2023	2,215	346	920	131	82	896	4,589
2024	2,230	355	953	136	85	893	4,653

4.3 工業類別 Industrial Sector

表格 Table 48

食品及飲品組別所有能源使用按最終用途劃分

Total Energy Consumption in Food & Beverage Segment by End-use

單位 Unit：太焦耳 Terajoule

	工業生產 / 設備 Industrial Process /Equipment	照明 Lighting	空氣調節 Air Conditioning	垂直運輸 Vertical Transport	煮食 Cooking	其他 Others	總計 Total
2014	2,029	80	413	—	—	846	3,368
2015	2,100	75	429	—	—	909	3,514
2016	2,065	70	436	—	—	943	3,515
2017	2,163	66	457	45	900	88	3,719
2018	1,751	64	335	29	1,121	65	3,365
2019	1,408	66	265	15	1,369	55	3,177
2020	1,034	62	200	8	1,476	45	2,825
2021	814	58	157	4	1,648	45	2,725
2022	684	56	133	2	1,805	52	2,731
2023	628	57	126	1	1,880	66	2,756
2024	650	59	131	1	1,920	68	2,829

表格 Table 49

金屬及機械組別所有能源使用按最終用途劃分

Total Energy Consumption in Metal & Machinery Segment by End-use

單位 Unit：太焦耳 Terajoule

	工業生產 / 設備 Industrial Process /Equipment	照明 Lighting	空氣調節 Air Conditioning	垂直運輸 Vertical Transport	煮食 Cooking	其他 Others	總計 Total
2014	1,284	57	410	—	—	606	2,358
2015	1,256	60	370	—	—	510	2,196
2016	1,216	61	302	—	—	417	1,996
2017	1,241	65	243	323	19	29	1,919
2018	1,174	71	266	185	19	38	1,752
2019	1,134	74	286	96	18	47	1,655
2020	1,194	79	317	48	18	57	1,713
2021	1,200	78	340	21	16	66	1,721
2022	1,236	78	376	9	14	76	1,788
2023	1,352	82	462	4	5	100	2,005
2024	1,433	86	483	4	6	105	2,115

4.3 工業類別 Industrial Sector

表格 Table 50

其他工業組別所有能源使用按最終用途劃分

Total Energy Consumption in Other Industrial Segment by End-use

單位 Unit：太焦耳 Terajoule

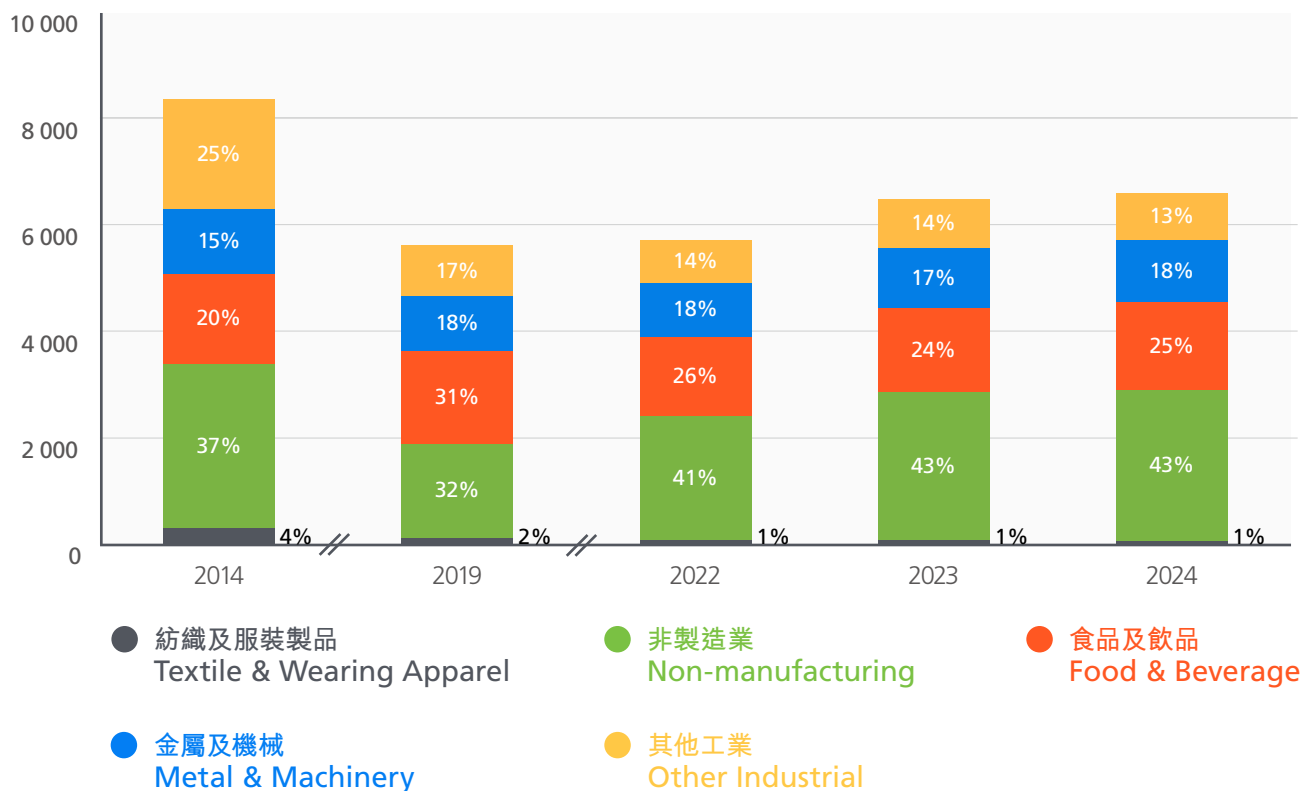
	工業生產 / 設備 Industrial Process /Equipment	照明 Lighting	空氣調節 Air Conditioning	垂直運輸 Vertical Transport	煮食 Cooking	其他 Others	總計 Total
2014	1,310	127	677	–	–	155	2,270
2015	1,227	120	711	–	–	176	2,234
2016	1,143	113	720	–	–	190	2,166
2017	1,185	110	758	78	11	124	2,266
2018	844	110	525	45	15	113	1,653
2019	651	108	380	24	145	101	1,410
2020	652	108	290	12	231	94	1,387
2021	664	106	234	6	247	89	1,346
2022	807	103	196	2	302	105	1,516
2023	1,009	104	183	1	269	96	1,662
2024	951	99	176	1	245	122	1,594

4.3 工業類別 Industrial Sector

圖表 Chart 42

工業類別電力使用按組別劃分

Electricity Consumption in Industrial Sector by Segment

參考表格 Refer Table 51
單位 Unit：太焦耳 Terajoule

表格 Table 51

工業類別電力使用按組別劃分

Electricity Consumption in Industrial Sector by Segment

單位 Unit：太焦耳 Terajoule

	紡織及服裝製品 Textile & Wearing Apparel	非製造業 Non-manufacturing	食品及飲品 Food & Beverage	金屬及機械 Metal & Machinery	其他工業 Other Industrial	總計 Total
2014	314	3,086	1,693	1,218	2,064	8,374
2015	256	3,134	1,779	1,244	1,946	8,359
2016	207	2,790	1,846	1,211	1,818	7,872
2017	174	2,873	1,954	1,216	1,745	7,963
2018	147	2,273	1,762	1,097	1,238	6,517
2019	124	1,778	1,742	1,020	964	5,628
2020	110	1,786	1,625	1,014	837	5,371
2021	92	1,997	1,529	991	798	5,407
2022	83	2,332	1,502	1,006	810	5,734
2023	76	2,789	1,585	1,128	918	6,497
2023	70	2,838	1,649	1,177	881	6,616

4.3 工業類別 Industrial Sector

表格 Table 52

紡織及服裝製品組別電力使用按最終用途劃分

Electricity Consumption in Textile & Wearing Apparel Segment by End-use

單位 Unit：太焦耳 Terajoule

	工業生產 / 設備 Industrial Process /Equipment	照明 Lighting	空氣調節 Air Conditioning	垂直運輸 Vertical Transport	煮食 Cooking	其他 Others	總計 Total
2014	136	39	85	—	—	54	314
2015	118	33	61	—	—	44	256
2016	101	27	44	—	—	35	207
2017	89	23	33	3	1	24	174
2018	74	21	32	2	1	17	147
2019	62	19	29	1	1	13	124
2020	55	18	26	<1	1	10	110
2021	45	16	22	<1	1	7	92
2022	41	15	20	<1	1	6	83
2023	38	14	18	—	1	5	76
2024	35	13	17	—	1	5	70

表格 Table 53

非製造業組別電力使用按最終用途劃分

Electricity Consumption in Non-Manufacturing Segment by End-use

單位 Unit：太焦耳 Terajoule

	工業生產 / 設備 Industrial Process /Equipment	照明 Lighting	空氣調節 Air Conditioning	垂直運輸 Vertical Transport	煮食 Cooking	其他 Others	總計 Total
2014	976	313	566	—	—	1,231	3,086
2015	1,052	309	472	—	—	1,302	3,134
2016	963	287	335	—	—	1,205	2,790
2017	974	343	276	732	36	512	2,873
2018	654	345	302	387	38	548	2,273
2019	413	298	329	166	38	534	1,778
2020	346	303	420	87	45	585	1,786
2021	340	315	552	55	55	680	1,997
2022	385	330	719	53	67	778	2,332
2023	474	346	920	73	80	896	2,789
2024	475	355	953	78	83	893	2,838

4.3 工業類別 Industrial Sector

表格 Table 54

食品及飲品組別電力使用按最終用途劃分

Electricity Consumption in Food & Beverage Segment by End-use

單位 Unit：太焦耳 Terajoule

	工業生產 / 設備 Industrial Process /Equipment	照明 Lighting	空氣調節 Air Conditioning	垂直運輸 Vertical Transport	煮食 Cooking	其他 Others	總計 Total
2014	729	80	413	—	—	471	1,693
2015	763	75	429	—	—	511	1,779
2016	787	70	436	—	—	553	1,846
2017	833	66	457	31	486	82	1,954
2018	732	64	335	17	555	59	1,762
2019	700	66	265	10	653	48	1,742
2020	626	62	200	6	691	40	1,625
2021	561	58	157	3	712	39	1,529
2022	521	56	133	2	745	46	1,502
2023	517	57	126	1	822	62	1,585
2024	538	59	131	1	856	64	1,649

表格 Table 55

金屬及機械組別電力使用按最終用途劃分

Electricity Consumption in Metal & Machinery Segment by End-use

單位 Unit：太焦耳 Terajoule

	工業生產 / 設備 Industrial Process /Equipment	照明 Lighting	空氣調節 Air Conditioning	垂直運輸 Vertical Transport	煮食 Cooking	其他 Others	總計 Total
2014	551	57	410	—	—	200	1,218
2015	588	60	370	—	—	225	1,244
2016	603	61	302	—	—	245	1,211
2017	635	65	243	242	4	27	1,216
2018	583	71	266	136	4	37	1,097
2019	538	74	286	72	3	46	1,020
2020	520	79	317	38	3	57	1,014
2021	487	78	340	18	3	65	991
2022	467	78	376	8	2	75	1,006
2023	485	82	462	4	2	93	1,128
2024	506	86	483	4	2	97	1,177

4.3 工業類別 Industrial Sector

表格 Table 56

其他工業組別電力使用按最終用途劃分

Electricity Consumption in Other Industrial Segment by End-use

單位 Unit：太焦耳 Terajoule

	工業生產 / 設備 Industrial Process /Equipment	照明 Lighting	空氣調節 Air Conditioning	垂直運輸 Vertical Transport	煮食 Cooking	其他 Others	總計 Total
2014	1,106	127	677	–	–	153	2,064
2015	946	120	711	–	–	169	1,946
2016	798	113	720	–	–	186	1,818
2017	669	110	758	73	11	124	1,745
2018	439	110	525	41	10	113	1,238
2019	345	108	380	21	10	101	964
2020	327	108	290	9	9	94	837
2021	357	106	234	4	8	89	798
2022	418	103	196	1	7	84	810
2023	539	104	183	<1	7	85	918
2024	519	99	176	<1	7	81	881

75,877 太焦耳 TJ

運輸類別的所有能源使用
Total energy consumption in
Transport Sector

69%

「客運」在運輸類別的百分比
The percentage of
"Passenger" in
Transport Sector

28%

「貨車」在運輸類別的百分比
The percentage of
"Goods Vehicle" in
Transport Sector



4.4 運輸類別

在 2024 年間，香港的運輸類別一共使用了 75,877 太焦耳，而其中「貨運」和「客運」組別分別使用 23,820 太焦耳和 52,057 太焦耳。

在 2014 至 2024 年間，運輸類別總能源使用下降 14.0%（即平均按年下降率是 1.5%）。在同期間，「貨運」組別能源使用下降 11.2%（即平均按年下降率是 1.2%），而「客運」組別能源使用下降 15.3%（即平均按年下降率是 1.6%）。

運輸類別所使用的主要燃料為「油及煤產品」，其次為「煤氣和石油氣」及「電力」。

4.4 Transport Sector

In 2024, the Transport Sector of Hong Kong consumed 75,877 TJ with the "Freight" and "Passenger" Segment consuming 23,820 TJ and 52,057 TJ respectively.

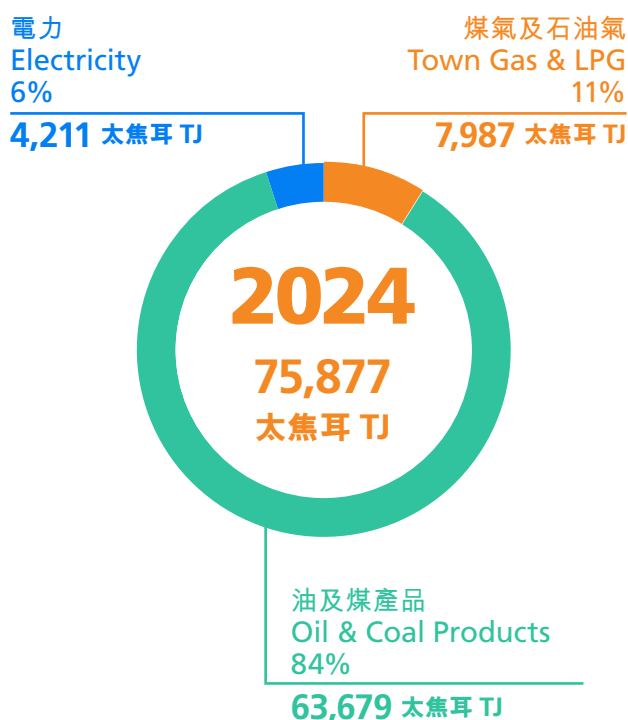
The energy consumption by the Transport Sector decreased 14.0% from 2014 to 2024 (Decreased at an average annual rate of 1.5%), during which the energy consumption in the "Freight" Segment decreased 11.2% (Decreased at an average annual rate of 1.2%), while that in the "Passenger" Segment decreased 15.3% (Decreased at an average annual rate of 1.6%).

The main type of fuel for the Transport Sector was "Oil & Coal Products", followed by "Town Gas & Liquefied Petroleum Gas" and "Electricity".

圖表 Chart 43

運輸類別按燃料劃分
Transport Sector by Fuel

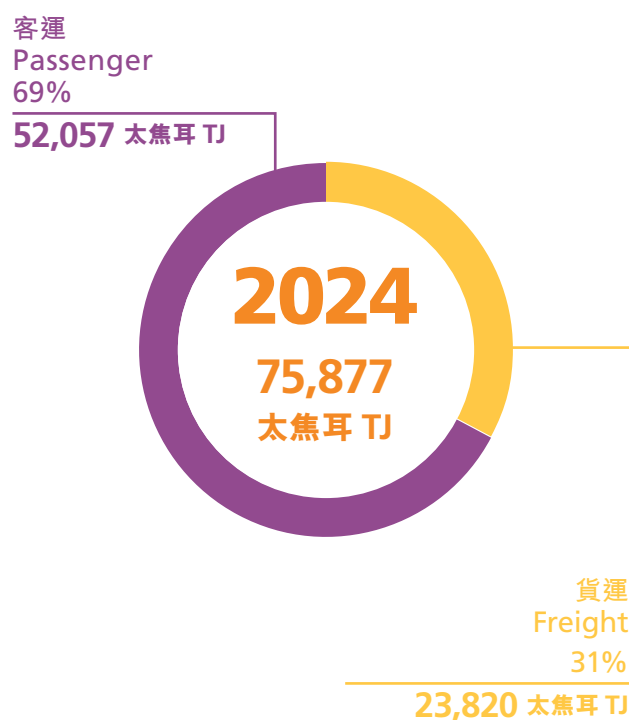
參考表格 Refer Table 6



圖表 Chart 44

運輸類別所有能源使用
Total Energy Consumption in Transport Sector

參考表格 Refer Table 57



4.4 運輸類別 Transport Sector

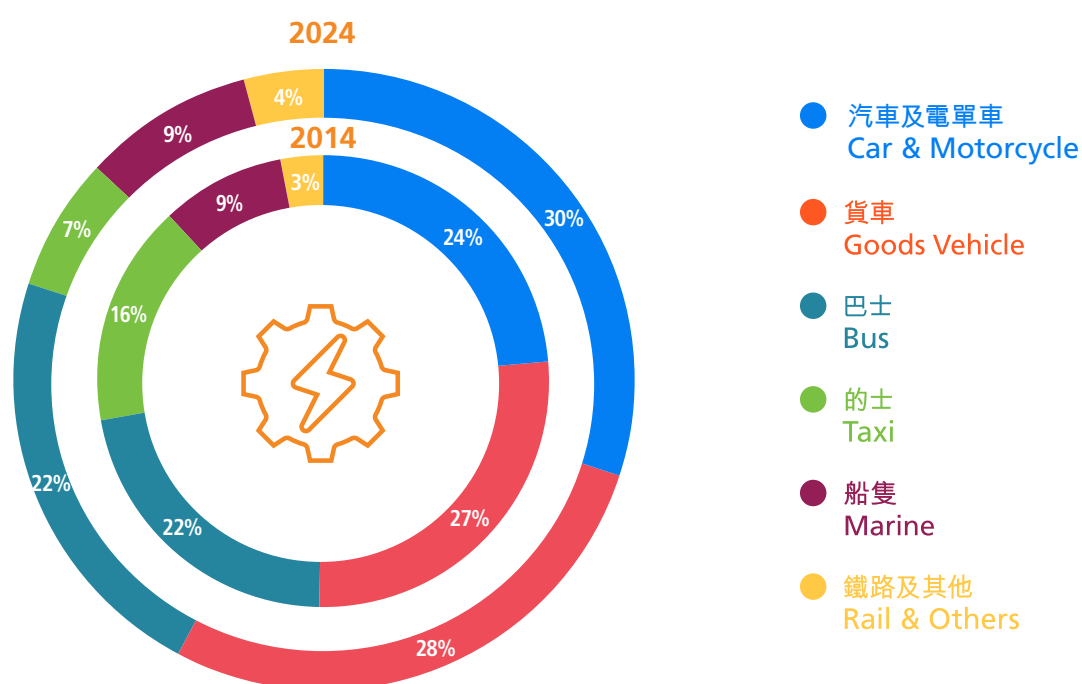
在運輸類別中，能源最終用途主要使用在「汽車及電單車」、「貨車」和「巴士」。

In the Transport Sector, the "Car & Motorcycle", "Goods Vehicle" and "Bus" were major consuming end-uses.

圖表 Chart 45

運輸類別所有能源使用按最終用途劃分

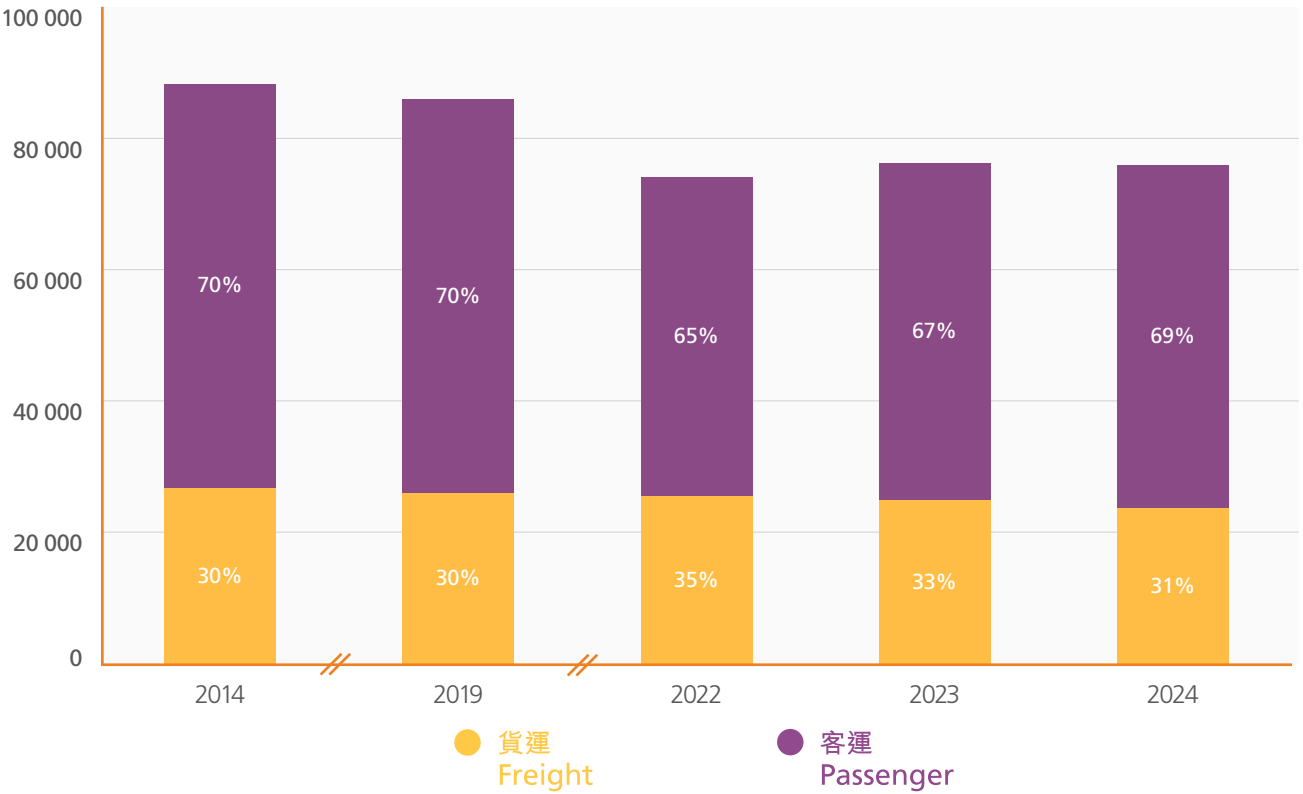
Total Energy Consumption in Transport Sector by End-use



4.4 運輸類別 Transport Sector

圖表 Chart 46
運輸類別所有能源使用按組別劃分
Total Energy Consumption in Transport Sector by Segment

參考表格 Refer Table 57
單位 Unit：太焦耳 Terajoule



表格 Table 57
運輸類別所有能源使用按組別劃分
Total Energy Consumption in Transport Sector by Segment

單位 Unit：太焦耳 Terajoule

	貨運 Freight	客運 Passenger	總計 Total
2014	26,816	61,462	88,278
2015	27,306	60,998	88,304
2016	26,926	61,426	88,351
2017	26,952	59,605	86,557
2018	26,754	58,300	85,054
2019	26,121	59,756	85,877
2020	25,069	53,445	78,514
2021	26,369	54,789	81,158
2022	25,639	48,467	74,106
2023	24,954	51,275	76,229
2024	23,820	52,057	75,877

4.4 運輸類別 Transport Sector

表格 Table 58

貨運組別所有能源使用按最終用途劃分

Total Energy Consumption in Freight Segment by End-use

單位 Unit : 太焦耳 Terajoule

	貨車 Goods Vehicle	船隻 Marine	總計 Total
2014	23,552	3,264	26,816
2015	24,038	3,269	27,306
2016	23,964	2,961	26,926
2017	24,005	2,947	26,952
2018	24,013	2,742	26,754
2019	23,265	2,856	26,121
2020	22,424	2,645	25,069
2021	23,833	2,535	26,369
2022	23,160	2,479	25,639
2023	22,381	2,573	24,954
2024	21,507	2,313	23,820

表格 Table 59

客運組別所有能源使用按最終用途劃分

Total Energy Consumption in Passenger Segment by End-use

單位 Unit : 太焦耳 Terajoule

	巴士 Bus	的士 Taxi	汽車 Car	電單車 Motorcycle	鐵路 Rail	船隻 Marine	其他 Others	總計 Total
2014	19,285	13,696	20,641	418	2,875	4,441	106	61,462
2015	19,168	12,437	21,354	436	2,972	4,523	108	60,998
2016	18,918	12,288	22,189	443	2,951	4,512	124	61,426
2017	18,663	10,686	22,005	462	3,129	4,511	147	59,605
2018	18,286	9,519	22,421	452	3,209	4,265	149	58,300
2019	18,028	10,463	23,023	481	3,129	4,486	145	59,756
2020	14,794	8,704	22,034	563	2,726	4,449	175	53,445
2021	15,458	8,441	22,721	614	2,766	4,634	155	54,789
2022	14,313	4,547	21,626	590	2,732	4,529	129	48,467
2023	15,943	4,234	22,686	589	3,077	4,624	121	51,275
2024	16,350	5,339	21,955	556	3,195	4,561	101	52,057

- i. 由於資料所限，能源數據未能再分拆成其他最終用途數據。歸納於「其他」的最終用途包括在表中未能分拆的其他能源數據。

Due to data limitations, energy data could not be further segregated into other end-uses. The "Others" end-use includes the end-uses not elsewhere listed in the table.

- ii. 由於四捨五入關係，統計表內個別項目的數字加總可能與總數略有差異。

There may be a slight discrepancy between the sum of individual items and the total as shown in the tables in the booklet owing to rounding.

- iii. 「本地生產總值環比物量計算」已根據政府統計處於 2026 年 5 月發布的數據作出修訂。

The "GDP in chained dollars" were revised based on the data released by Census and Statistics Department in May 2026.

- iv. 因應最新「能源最終用途」數據所作出的修訂及政府統計處發布的「本地生產總值環比物量計算」數據，「能源強度」於相對應的年份會同步作出修訂。

In accordance with the "energy end-use" data as revised and the released "GDP in chained dollars" data published by the Census and Statistics Department, "Energy Intensity" of the corresponding years would be updated accordingly.

- v. 「總熱值」是使用於計算各種氣體燃料的熱含量。

"Gross Calorific Values" are used in calculating the respective heat contents of the gaseous product.

- vi. 「熱水及冷凍」的最終用途在商業類別中，包括鍋爐器材及其他生產加熱和冷凍的設備的能源使用。

The "Hot Water & Refrigeration" end-use in Commercial Sector includes energy use in boiling equipment and other process heating and cooling facilities.

- vii. 「房委會資助出售單位」組別前稱為「居屋計劃」組別。

The "Housing Authority Subsidized Sale Flats" Segment was formerly known as the "Home Ownership" Segment.



- viii. 「工業生產 / 設備」的最終用途在工業類別中，包括鍋爐設備及其他生產加熱和冷凍設備的能源使用。
The "Industrial Process / Equipment" end-use in Industrial Sector includes energy use in boiler plants and other process heating and cooling facilities.
- ix. 「洗衣」的最終用途包括洗衣設備的能源使用。
"Laundry" end-use includes energy use in clothes washing facilities.
- x. 「非製造業」組別包括建造及其他非製造業之雜項工業活動。
The "Non-manufacturing" Segment includes construction and other miscellaneous non-manufacturing industrial activities.
- xi. 「其他商業」組別包括公用設施、車站及其他雜項商業活動。
The "Other Commercial" Segment includes public facilities, railway stations and other commercial activities.
- xii. 「其他房屋」組別包括別墅、平房及類似屋宇。
The "Other Housing" Segment includes villas, bungalows and the like.
- xiii. 「其他工業」組別包括電子、紙張、印刷、塑膠及其他雜項工業活動。
The "Other Industrial" Segment includes electronics, paper, printing, plastic and other miscellaneous industrial activities.
- xiv. 「其他」的最終用途在商業類別中包括供水及排水、洗衣及其他設備的能源使用。
"Others" end-use in Commercial Sector includes energy use in plumbing & drainage, laundry and other facilities.
- xv. 「其他」的最終用途在運輸類別中包括香港內部的航空運輸及其他能源的使用。
"Others" end-use in Transport Sector includes internal air transportation and other energy uses.
- xvi. 「垂直運輸」的最終用途包括升降機、扶手電梯及其他吊運設備。
The "Vertical Transport" end-use includes lift, escalator and other lifting facilities.
- xvii. 本報告所刊登的能源使用數據源於定期調查。因此，其類別及組別近期的快速增長或未必能完全反映在現有的數字中。為確保數據準確性，過往相關的數據將在下一輪調查完成後進行追溯修訂。
The energy consumption data from HKEEUD is derived from the periodic surveys. Consequently, recent rapid growth in sectors and segments, may not be fully captured in current figures. To ensure accuracy, the relevant historical data will be retroactively revised once the upcoming surveys are completed.

6 主要修訂年表

Chronology of Major Revisions

1. 根據工業能源使用調查所得的數據，有關 2014 年至 2023 年的能源最終用途數據已在 2026 年版起作出修訂。[2026 年版修訂]
The energy end-use data from year 2014 to 2023 were revised in the 2026 Edition based on the findings of energy consumption survey on the Industrial Sector. [Revised in 2026 Edition]
2. 根據第三者提供的最新修訂數字，有關 2018 年至 2023 年的商業能源最終用途數據已在 2026 年版起作出修訂。[2026 年版修訂]
The energy end-use data for Commercial Sector from year 2018 to 2023 were revised in the 2026 Edition based on the latest revised data provided by third party(ies). [Revised in 2026 Edition]
3. 根據政府統計處公布的學生人數統計修訂數字，有關 2023 年的能源最終用途數據自 2026 年版起作出相應的修訂。[2026 年版修訂]
The energy end-use data year for 2023 were revised since the 2026 Edition based on the revised student enrolment data published by the Census and Statistics Department. [Revised in 2026 Edition]
4. 根據住宅能源使用調查所得的數據，有關 2013 年至 2022 年的能源最終用途數據自 2025 年版起作出修訂。[2025 年版修訂]
The energy end-use data from year 2013 to 2022 were revised since the 2025 Edition based on the findings of energy consumption survey on the Residential Sector. [Revised in 2025 Edition]
5. 根據商業能源使用調查所得的數據，有關 2012 年至 2021 年的能源最終用途數據自 2024 年版起作出修訂。[2024 年版修訂]
The energy end-use data from year 2012 to 2021 were revised since the 2024 Edition based on the findings of energy consumption survey on the Commercial Sector. [Revised in 2024 Edition]
6. 根據運輸能源使用調查所得的數據，有關 2014 年至 2020 年的能源最終用途數據自 2023 年版中作出修訂。[2023 年版修訂]
The energy end-use data from year 2014 to 2020 were revised since the 2023 Edition based on the findings of energy consumption survey on the Transport Sector. [Revised in 2023 Edition]
7. 根據政府統計處提供的人口及家庭住戶統計修訂數字，有關 2017 年至 2020 年的能源最終用途數據自 2023 年版中作出相應的修訂。[2023 年版修訂]
The energy end-use data from years 2017 to 2020 were revised since the 2023 Edition based on the revised population and domestic household data provided by the Census and Statistics Department. [Revised in 2023 Edition]
8. 根據運輸署公布的車輛行駛公里修訂數字，有關 2019 年至 2020 年的能源最終用途數據自 2023 年版中作出的修訂。[2023 年版修訂]
The energy end-use data from year 2019 to 2020 were revised since the 2023 Edition based on the revised vehicle-kilometre data published by the Transport Department. [Revised in 2023 Edition]

9. 根據商業能源使用調查所得的數據，有關 2011 年至 2019 年的能源最終用途數據自 2022 年版起作出修訂。[2022 年版修訂]
The energy end-use data from year 2011 to 2019 were revised since the 2022 Edition based on the findings of energy consumption survey on the Commercial Sector. [Revised in 2022 Edition]
10. 根據商業能源使用調查所得的數據，自 2021 年版起，「分層工廠大廈內的辦公室」組別已由「其他商業」組別分拆到「辦公室」組別。[2021 年版修訂]
The "Office in Flatted Factories" Segment was segregated from the "Other Commercial" Segment to "Office" Segment since the 2021 Edition based on the findings of energy consumption survey on the Commercial Sector. [Revised in 2021 Edition]
11. 根據商業能源使用調查所得的數據，新的「數據中心」組別自 2020 年版起已由「其他商業」組別分拆出來。[2020 年版修訂]
The "Data Centre" Segment was segregated from the "Other Commercial" Segment as new segment since the 2020 Edition based on the findings of energy consumption survey on the Commercial Sector. [Revised in 2020 Edition]
12. 根據已更新的可再生能源數據，相關的 2015 年至 2016 年能源最終用途數據自 2019 年版起作出修訂。[2019 年版修訂]
The energy end-use data from 2015 to 2016 were revised since the 2019 Edition based on the latest update of the renewable energy data. [Revised in 2019 Edition]
13. 根據運輸署公布的車輛行駛公里修訂數字，有關 2011 年至 2016 年的能源最終用途數據自 2019 年版起作出的修訂。[2019 年版修訂]
The energy end-use data from year 2011 to 2016 were revised since the 2019 Edition based on the revised vehicle-kilometre data published by the Transport Department. [Revised in 2019 Edition]
14. 自 2019 年版起，住宅類別中的「洗衣」之能源最終用途已由「其他」之能源最終用途分拆出來。[2019 年版修訂]
Since the 2019 Edition, the "Laundry" end-use in Residential Sector was segregated from "Others" energy end-use data. [Revised in 2019 Edition]



15. 自 2019 年版起，商業類別中的「垂直運輸」之能源最終用途已由「其他」之能源最終用途分拆出來。
[2019 年版修訂]
Since the 2019 Edition, the "Vertical Transport" end-use in Commercial Sector was segregated from "Others" energy end-use data. [Revised in 2019 Edition]
16. 自 2019 年版起，工業類別中的「垂直運輸」及「煮食」之能源最終用途已由「其他」之能源最終用途分拆出來。[2019 年版修訂]
Since the 2019 Edition, the "Vertical Transport" and "Cooking" end-uses in Industrial Sector were segregated from "Others" energy end-use data. [Revised in 2019 Edition]
17. 自 2019 年版起，溫室氣體排放量的數據將不會刊載在本數據集中，詳細資料請參閱環境保護署網頁。
[2019 年版修訂]
The data of Greenhouse Gas (GHG) Emissions, which is available at the website of Environmental Protection Department, has not been provided since the 2019 edition. [Revised in 2019 Edition]
18. 自 2013 年後「空氣調節」、「冷凍」、「工業生產 / 設備」及「熱水」的能源最終用途數據已採用「氣溫因素」作出修訂。[2017 年版修訂]
The energy end-use data of "Air Conditioning", "Refrigeration", "Industrial Process/Equipment" and "Hot Water" are revised by "Temperature Factor" since 2013. [Revised in 2017 Edition]
19. 自 2014 年版起，新的「住宿」、「醫療」和「教育」組別已由「其他商業」組別分拆出來。[2014 年版修訂]
Since the 2014 Edition, the "Accommodation", "Human Health" and "Education" Segments were segregated from the "Other Commercial" Segment as new segments. [Revised in 2014 Edition]
20. 自 2013 年版起「煮食」之能源最終用途除已包括煮食爐及飯煲外，再加上在廚房普遍用作製造及準備食物的器具，例如煮食用水加熱設備、電焗爐及微波爐等。自 2001 年後的「煮食」之能源最終用途數據均作出修訂。[2013 年版修訂]
Since the 2013 Edition, the "Cooking" end-use was revised to include food making and preparation appliances normally found in kitchens in addition to stoves and rice cookers. Examples of the appliances are hot water for cooking purposes, electric ovens and microwave ovens, etc. The "Cooking" energy end-use data since 2001 were hence updated. [Revised in 2013 Edition]



21. 自 2013 年版起「空氣調節」之能源最終用途除已包括冷氣設備及暖氣機外，再加上風扇、空氣清新或淨化器及抽濕機。自 2001 年後的「空氣調節」之能源最終用途數據均作出修訂。[2013 年版修訂]
Since the 2013 Edition, the "Air Conditioning" end-use was revised to include fans, air cleaner/purifiers and dehumidifiers in addition to air conditioning units and heaters. The "Air Conditioning" energy end-use data since 2001 were hence updated. [Revised in 2013 Edition]
22. 自 2013 年版起「辦公室設備」之能源最終用途除已包括電腦及影印機外，再加上視聽器材、碎紙機、傳真及收銀機。自 2001 年後的「辦公室設備」之能源最終用途數據均作出修訂。[2013 年版修訂]
Since the 2013 Edition, the "Office Equipment" end-use was revised to include audio visual equipment, shredders, fax and cashier machines in addition to computers and photocopiers. The "Office Equipment" energy end-use data since 2001 were hence updated. [Revised in 2013 Edition]
23. 自 2011 年，「商業」及「工業」類別的分類已經根據香港標準行業分類 2.0 版作出修訂。這修訂包括將個人服務活動（例如夜總會、卡拉 OK、電腦及通訊設施維修、家居用品維修、車輛維修服務、藝術表演或創作活動及出版服務）由以往的「食肆」、「其他商業」組別或「工業」類別重置到現時的「零售」組別，其同時涵蓋零售及個人服務活動。[2013 年版修訂]
The "Commercial" and "Industrial" Sectors were re-categorized in 2011, to align with the Hong Kong Standard Industrial Classification (HSIC) Version 2.0. Examples of such changes are the relocations of personal service activities (such as night clubs, karaokes, computer and communication repair, household goods repair, motor vehicle repair services, art performance or creation activities and publishing services, etc.) from the previous "Restaurant", "Other Commercial" Segments or the "Industrial" Sector to the present "Retail" Segment, which now embraces both retail and personal service activities. [Revised in 2013 Edition]
24. 自 2012 年版起的能源最終用途數據包括可再生能源數據。[2012 年版修訂]
Since the 2012 Edition, the energy end-use data includes renewable energy data. [Revised in 2012 Edition]
25. 自 2012 年版起，「電力」包括各種可再生能源所產生的電力。[2012 年版修訂]
Since the 2012 Edition, "Electricity" includes the electricity generated from renewable energy. [Revised in 2012 Edition]
26. 自 2008 年版起，「鐵路」之能源最終用途再不包括鐵路車站等建築物使用的電量。[2008 年版修訂]
Since the 2008 Edition, the "Rail" energy end-use does not include electricity consumption at railway stations. [Revised in 2008 Edition]



7 計量單位

Units of Measurement

1. 1 太焦耳 = 10^{12} 焦耳
1 terajoule (TJ) = 10^{12} joules
2. 1 千兆焦耳 = 10^9 焦耳
1 gigajoule (GJ) = 10^9 joules
3. 1 兆焦耳 = 10^6 焦耳
1 megajoule (MJ) = 10^6 joules
4. 1 千兆瓦小時 = 3.6×10^{12} 焦耳
1 gigawatt hour (GWh) = 3.6×10^{12} joules
5. 1 兆瓦小時 = 3.6×10^9 焦耳
1 megawatt hour (MWh) = 3.6×10^9 joules
6. 1 千瓦小時 = 3.6×10^6 焦耳
1 kilowatt hour (kWh) = 3.6×10^6 joules



香港能源最終用途數據 2026

Hong Kong Energy End-use Data 2026

有關本刊物的查詢，請聯絡：

Enquiries about this publication can be directed to:

機電工程署 能源效益事務處

Energy Efficiency Office

Electrical & Mechanical Services Department

香港九龍灣啟成街 3 號 7 樓

7/F, 3 Kai Shing Street, Kowloon Bay, Hong Kong

電話 Tel : (852) 2808 3465

圖文傳真 Fax : (852) 2890 6081

電郵 E-mail : energydata@emsd.gov.hk

網址 Website : <http://www.emsd.gov.hk>

[香港能源最終用途數據](#)收錄之數據可在機電工程署網站下載。



Set of "[Hong Kong Energy End-use Data](#)" can be downloaded from EMSD website.



聲明 Disclaimer

雖然香港特別行政區政府機電工程署在擬備此套能源最終用途數據時，已盡力確保資料準確完備，但不論數據使用者以何種形式應用此套數據，如因此而引致任何損失或損害，機電工程署概不承擔任何責任。

Although every care has been exercised to prepare this set of energy end-use data, the Electrical & Mechanical Services Department of the Government of the Hong Kong Special Administrative Region shall not accept any liability for loss or damage occurring as a consequence of reliance by the data user in whatever form on this set of data.



機電工程署  **EMSD**

2026年9月印發

ISSUE IN SEPTEMBER - 2026

