

本年度資料修訂項目

本(113)年度配合主計總處第11次修正發布行業統計分類，以及能源供應業者及用戶修正歷史申報資料，執行相關之數據校正及統計作業，茲說明如下。

- 一、能源指標項目增列：新增「初級能源密集度（公升油當量/千元）」指標，即產出每一單位之實質國內生產毛額所需供給之能源（初級能源總供給/實質國內生產毛額），資料期間為自民國71年迄今。
- 二、行業別拆分及名稱異動：配合主計總處第11次修正發布行業統計分類，針對服務業部門進行行業別拆分，另調整「能源部門自用」、「工業部門」及「服務業部門」等類別之部分行業別名稱。因106年以前之業者資料無法溯及，故自107年起採用前述行業別調整後之新格式，106年以前仍維持既有格式。
- 三、能源別供需資料校正：
 - (一) 煤炭統計：依業者申報資料修正，調整112年燃料煤之存貨變動及進口數量。
 - (二) 油品統計：配合關務署年度資料校正，調整112年各月部分石油產品進出口數量。
 - (三) 天然氣統計：依公用天然氣業者申報資料修正及產銷行為變化，調整107年迄今天然氣行業別銷售資料，並追溯調整111至112年（進口）液化天然氣存貨變動、產品間轉換（轉出），以及產品間轉換（轉入）數值。
 - (四) 電力統計：
 1. 併聯試運轉電量追溯：追溯112年新增再生能源發電業之申報發電資料，調整108至112年風力及太陽光電之電量相關統計數值。
 2. 運輸部門電力資料修訂：
 - (1)公路（電動運具）：配合交通部公路局更新112年車輛數資料，重新計算公路電力消費量。
 - (2)鐵路：配合捷運公司修正場站與軌道用電資料，調整109至112年各月鐵路電力消費量。
 3. 配合自用發電設備業者修正其燃料用量、發電量及製程蒸汽產量等，調整自101年9月迄今之相關能源別消費量、轉變投入，以及電力、熱能供需數值。



Data Correction in the 2023 Edition

To improve data quality continuously, the Energy Administration made the following amendments according to the data revision of energy suppliers and users:

1. Energy Indicators Addition: Primary Energy Intensity (liters of oil equivalent/ thousand dollars), that is the amount of energy supplied per unit of real GDP (total primary energy supply/real GDP), has been added, and backdated to 1982.
2. Industrial Classification and Description Revision: To tie in with the 11th industrial classification of the Directorate General of Budget, Accounting and Statistics (DGBAS) of Executive Yuan, the service sector has been reclassified. Descriptions of some industries of "Energy Sector Own Use", "Industrial Sector" and "Service Sector" have been adjusted. Due to the data limitation, the data prior to 2017 couldn't be back tracked and remained the original classification. The aforementioned re-classification and adjustments have only been in place since 2018.
3. Energy Supply and Demand Revision:
 - (1) Coal: Adjusted the Stock Changes and Import of fuel coal (Steam Coal) in 2023 in accordance with data correction from the industries.
 - (2) Oil: Revised the import and export quantities of some petroleum products for each month of 2023 in order to tie in with the annual data correction of the Customs Administration.
 - (3) Natural Gas: According to the data correction and the changes in production and sales of Natural gas supply enterprises, the natural gas industrial sales data have been revised since 2018 and the Stock Changes, Transfers (Input) and Transfers (Output) of LNG in 2022 and 2023 have been adjusted.
 - (4) Electricity
 - i. The electricity generation of wind and solar PV has been adjusted from 2019 to 2023 according to the supplementary reports of electricity generation enterprises during the trial operation period.
 - ii. Transport Sector Electricity Data Revision
 - (i) Highway (electric vehicle, EV): The highway electricity consumption has been recalculated while the Highway Bureau has updated the quantity of EV in 2023.
 - (ii) Railway: The railway electricity consumption in each month of 2020 to 2023 have been adjusted according to the metro companies corrected the electricity consumption of stations and tracks.
 - (iii) From September 2012 to date, with the revision of the use of waste, biogas, fuel oil, power generation and process steam of the auto producers, the related energy consumption and transformation inputs, as well as the supply and demand of electricity and heat, have changed.