

摘要

本調查目的為推估政府及產業部門之污染防治支出，藉以瞭解環境與經濟間關係及整體污染防治支出規模，供環保政策釐訂與編算綠色國民所得帳參考。以資本支出加經常支出扣除污染防治附帶收入，分別計算政府部門與產業部門污染防治支出，101年(資料時間)主要調查結果如下：

一、101年整體污染防治支出1,399.4億元，以空氣污染防制453.5億元及廢棄物處理448.9億元為最多，均分占三成二

101年整體污染防治支出1,399.4億元，含資本支出355.4億元、經常支出1,128.4億元，並扣除污染防治附帶收入84.4億元；就部門別分，產業部門741.8億元(占53.0%)，大於政府部門657.6億元(占47.0%)；就用途別言，以空氣污染防制453.5億元(占32.4%)居冠，廢棄物處理448.9億元(占32.1%)次之，水污染防治311.1億元(占22.2%)第三。

二、101年政府部門污染防治支出657.6億元，廢棄物處理占五成四

101年政府部門污染防治支出657.6億元，包括資本支出161.5億元，經常支出518.5億元，扣除污染防治附帶收入22.3億元。按用途別觀察，以廢棄物處理支出354.2億元(占53.9%)最高。就政府級別而言，地方機關支出449.4億元，大於中央機關之208.3億元。

三、101年產業部門污染防治支出741.8億元，以空氣及水污染防治為主，分占五成四及二成五

101年產業部門污染防治支出741.8億元，其中資本支出194.0億元、經常支出609.9億元，並扣除污染防治附帶收入62.1億元。就用途別言，以空氣污染防制401.5億元(占54.1%)及水污染防治185.5億元(占25.0%)為主；就經資部門觀察，資本支出以新購設備支出190.2億元(占資本支出98.1%)為主；經常支出以操作維護費用470.7億元(占經常支出77.2%)較高；按行業別分，化學材料製造業197.7億元(占26.7%)居冠，電子零組件製造業159.9億元(占21.5%)次之，基本金屬製造業141.9億元(占19.1%)第三。

Abstract

The objectives of this survey were to estimate the pollution abatement and control expenditures by the government sector and the industry sector, and to understand the relationship between the environment and economic development. The findings of this survey were used for estimating the Green GNP and as the basis for related government policies. The pollution abatement and control expenditures by the government sector and the industry sector equal capital expenditures plus current expenditures minus receipts from by-products. Major findings estimated from the sample of this survey were summarized as follows:

1. The pollution abatement and control expenditures totaled NT\$139.9 billion in 2012, while the NT\$45.3 billion(32.4%) for air treatment and the NT\$44.9 billion(32.1%) for waste treatment were the most pollution abatement and control expenditures.

The pollution abatement and control expenditures totaled NT\$139.9 billion, which equal NT\$35.5 billion of capital expenditures plus NT\$112.8 billion of current expenditures minus NT\$8.4 billion of receipts from by-products. In terms of sectors, the results showed that the industry sector spent a total of NT\$74.2 billion, more than the NT\$65.8 billion spent by the government sector. In terms of pollution abatement items, we found that the NT\$45.3 billion(32.4%) for air treatment ranked first, while the NT\$44.9 billion(32.1%) for waste treatment ranked second and the NT\$31.1 billion(22.2%) for wastewater pollution treatment ranked third.

2. The pollution abatement and control expenditures by the government sector totaled NT\$65.8 billion in 2012, while the NT\$35.4 billion for waste treatment was 53.9%.

The pollution abatement and control expenditures by the government sector totaled NT\$65.8 billion, which equal NT\$16.1 billion of capital expenditures plus NT\$51.8 billion of current expenditures minus NT\$2.2 billion of receipts from by-products. In terms of pollution abatement items, we found that the NT\$35.4 billion(53.9%) for waste treatment ranked first. In terms of different levels of the government, the results showed that local governments spent a total of NT\$44.9 billion, more than the NT\$20.8 billion spent by the central government.

3. The pollution abatement and control expenditures by the industry sector totaled NT\$74.2 billion in 2012, while the NT\$40.1 billion(54.1%) for air pollution treatment and the NT\$18.5 billion(25.0%) for wastewater treatment were the most pollution abatement and control expenditures.

The pollution abatement and control expenditures by the industry sector totaled NT\$74.2 billion, which equal NT\$19.4 billion of capital expenditures plus NT\$61.0 billion of current expenditures minus NT\$6.2 billion of receipts from by-products. In terms of pollution abatement items, the NT\$40.1 billion(54.1%) for air pollution treatment and the NT\$18.5 billion(25.0%) for wastewater treatment were the most pollution abatement and control expenditures. NT\$19.0 billion, 98.1% of the capital expenditures, were spent in the procurement of pollution abatement equipment, while NT\$47.1 billion, 77.2% of the current expenditures, were spent in equipment operation and maintenance; In terms of industries, NT\$19.8 billion(26.7%) for the chemical material manufacturing ranked first, NT\$16.0 billion(21.5%) for the electronic parts and components manufacturing ranked second and NT\$14.2 billion(19.1%) for the fabricated metal products manufacturing ranked third.