

拾、環境保護

X. Environment Protection

表 10-1、垃圾清運處理概況

| 年及區別 Year & District | 執行機關垃圾產生量 (公噸) | | | | | |
|---|-------------------|-----------------|--------------------|--|------------------------------|---|
| | 總計 Grand Total | 按處理方式分 | | | | |
| | | 垃圾清運 | | | | |
| | | 小計 Sub-total | 焚化 Incineration | 巨大 垃圾焚化 Bulk Waste Incineration | 衛生掩埋 Sanitary Landfill | 巨大垃圾 衛生掩埋 Bulk Waste Sanitary Landfill |
| 民國94年 2005 | 682,278 | 454,257 | 421,338 | 3,195 | 21,275 | 3,628 |
| 民國95年 2006 | 694,076 | 404,197 | 378,049 | 2,436 | 22,316 | 4,464 |
| 民國96年 2007 | 717,965 | 383,367 | 380,072 | 2,737 | 3,295 | 3,295 |
| 民國97年 2008 | 620,426 | 354,258 | 346,293 | 2,054 | 7,965 | 183 |
| 民國98年 2009 | 664,983 | 345,335 | 345,051 | 1,819 | 284 | 9 |
| 民國99年 2010 | 703,604 | 335,064 | 334,763 | 1,425 | 302 | - |
| 民國100年 2011 | 671,696 | 296,606 | 296,120 | 973 | 485 | 147 |
| 民國101年 2012 | 714,860 | 299,173 | 298,174 | 204 | ①1,051 | 53 |
| 民國102年 2013 | 766,684 | 327,920 | 326,485 | 298 | 1,434 | 93 |
| 民國103年 2014 | 804,316 | 353,137 | 351,977 | 382 | 1,159 | 46 |
| 環境保護局 Department of Environmental Protectio | 33,815 | 26,927 | 26,927 | - | - | - |
| 桃園區 Taoyuan District | 138,516 | 64,514 | 64,335 | 81 | 179 | 1 |
| 中壢區 Zhongli District | 170,368 | 75,395 | 74,458 | 137 | 937 | 1 |
| 大溪區 Daxi District | 35,811 | 14,751 | 14,739 | 23 | 12 | 12 |
| 楊梅區 Yangmei District | 54,933 | 19,937 | 19,928 | 58 | 9 | 9 |
| 蘆竹區 Luzhu District | 54,958 | 21,189 | 21,189 | 38 | - | - |
| 大園區 Dayuan District | 30,032 | 12,096 | 12,089 | 6 | 7 | 7 |
| 龜山區 Guishan District | 65,869 | 26,061 | 26,061 | - | - | - |
| 八德區 Bade District | 59,034 | 26,347 | 26,344 | 31 | 3 | 3 |
| 龍潭區 Longtan District | 39,533 | 15,558 | 15,558 | - | - | - |
| 平鎮區 Pingzhen District | 88,269 | 36,929 | 36,916 | 10 | 12 | 12 |
| 新屋區 Xinwu District | 16,540 | 6,508 | 6,508 | - | - | - |
| 觀音區 Guanyin District | 13,815 | 5,297 | 5,297 | - | - | - |
| 復興區 Fuxing District | 2,824 | 1,629 | 1,629 | - | - | - |

資料來源：行政院環境保護署。

說明：1.垃圾清運量含溝泥，不含回收資源、底渣、事業廢棄物。

2.一般垃圾含溝泥，不含巨大垃圾、廚餘、回收資源、底渣、事業廢棄物及遷移舊垃圾。

Table 10-1. Collection and Disposal of Municipal Solid Waste

| Volume of Garbage Generated by Implementing Agencies (Tons) | | | | | | |
|---|---|---------------------------|------------------|----------------|-------------------------|-----------------------------|
| Per Disposal Method | | | | | | |
| Garbage Clearance | 巨大垃圾 回收再利用 Bulk Waste Recycling and Reuse | 廚餘回收 Food Wastes Recycled | | | | 資源回收 Garbage Recycled |
| | | 小計 Sub-total | 堆肥 Composting | 養豬 Pig Feed | 其他廚餘 再利用方式 Others | |
| 其他 Others | | | | | | |
| 11,644 | 662 | 58,918 | 1,821 | 57,045 | 52 | 168,442 |
| 3,832 | 231 | 69,658 | 2,509 | 67,144 | 5 | 219,990 |
| - | 2,476 | 83,302 | 1,150 | 82,152 | 1 | 248,821 |
| - | 5,073 | 65,776 | 3,649 | 62,126 | - | 195,319 |
| - | 6,724 | 71,760 | 7,395 | 64,365 | - | 241,165 |
| - | 8,503 | 77,812 | 8,192 | 69,620 | - | 282,224 |
| - | 6,680 | 90,435 | 9,616 | 80,810 | 9 | 277,975 |
| - | 6,110 | 107,573 | 11,029 | 96,545 | - | 302,004 |
| - | 2,278 | 109,078 | 11,637 | 97,441 | - | 327,409 |
| - | 1,043 | 104,032 | 10,286 | 93,747 | - | 346,104 |
| - | - | - | - | - | - | 6,889 |
| - | 47 | 24,201 | 261 | 23,940 | - | 49,753 |
| - | 671 | 21,981 | 3,274 | 18,707 | - | 72,321 |
| - | 145 | 4,060 | 1,165 | 2,896 | - | 16,855 |
| - | 57 | 7,222 | 1,423 | 5,799 | - | 27,717 |
| - | 27 | 8,388 | 1,035 | 7,353 | - | 25,355 |
| - | - | 1,596 | - | 1,596 | - | 16,340 |
| - | 0 | 6,326 | 811 | 5,515 | - | 33,482 |
| - | 15 | 9,722 | 1,108 | 8,614 | - | 22,950 |
| - | 4 | 3,706 | 938 | 2,768 | - | 20,265 |
| - | 49 | 13,371 | - | 13,371 | - | 37,921 |
| - | 2 | 1,270 | 38 | 1,233 | - | 8,760 |
| - | 27 | 2,065 | 110 | 1,955 | - | 6,426 |
| - | - | 125 | 125 | - | - | 1,070 |

Source : Environmental Protection Administration, Executive Yuan .

Note : 1. The trash disposed of includes mud from the gutters, but excludes recycled materials, dregs, and industrial waste.

2. Trash includes mud from the gutters, but excludes oversized waste, kitchen waste, recycled materials, dregs, industrial waste, and previously generated garbage that was subsequently moved.

表 10-1、垃圾清運處理概況（續）

| 年及區別 Year & District | 執行機關垃圾產生量（公噸） | | | | | | | |
|--|---------------------|---|-----------------------------------|---|------------------|---|---|-----------------|
| | 按清運單位或回收管道分 | | | | | | | |
| | 一般垃圾 General Wastes | | | | 巨大垃圾 Bulk Wastes | | | 廚餘回收 |
| | 小計 Sub-total | 環保單位 自行清運 Environmental Protection Agencies | 環保單位 委託清運 Entrust by EPA | 公私處所 自行或 委託清運 Other Locations | 小計 Sub-total | 環保單位 自行清運 Environmental Protection Agencies | 公私處所 自行或 委託清運 Other Locations | 小計 Sub-total |
| 民國94年 2005 | 447,433 | 444,274 | 2,801 | 358 | 7,485 | 7,425 | 61 | 58,918 |
| 民國95年 2006 | 397,297 | 388,424 | 8,872 | - | 7,131 | 7,067 | 64 | 69,658 |
| 民國96年 2007 | 377,335 | 377,335 | - | - | 8,508 | 8,274 | 233 | 83,302 |
| 民國97年 2008 | 352,021 | 352,021 | - | - | 7,310 | 7,021 | 289 | 65,776 |
| 民國98年 2009 | 343,507 | 343,507 | - | - | 8,551 | 8,293 | 258 | 71,760 |
| 民國99年 2010 | 333,639 | 333,639 | - | - | 9,928 | 9,592 | 336 | 77,812 |
| 民國100年 2011 | 295,485 | 288,042 | 7,443 | - | 7,800 | 7,470 | 330 | 90,435 |
| 民國101年 2012 | 298,916 | 279,059 | 19,857 | - | 6,367 | 6,286 | 81 | 107,573 |
| 民國102年 2013 | 327,528 | 313,755 | 13,773 | - | 2,669 | 2,508 | 161 | 109,078 |
| 民國103年 2014 | 352,709 | 352,709 | - | - | 1,471 | 1,438 | 32 | 104,032 |
| 環境保護局 Department of Environmental Protection | 26,927 | 26,927 | - | - | - | - | - | - |
| 桃園區 Taoyuan District | 64,432 | 64,432 | - | - | 129 | 106 | 22 | 24,201 |
| 中壢區 Zhongli District | 75,257 | 75,257 | - | - | 808 | 808 | - | 21,981 |
| 大溪區 Daxi District | 14,716 | 14,716 | - | - | 179 | 179 | - | 4,060 |
| 楊梅區 Yangmei District | 19,870 | 19,870 | - | - | 124 | 124 | - | 7,222 |
| 蘆竹區 Luzhu District | 21,151 | 21,151 | - | - | 65 | 65 | - | 8,388 |
| 大園區 Dayuan District | 12,083 | 12,083 | - | - | 13 | 13 | - | 1,596 |
| 龜山區 Guishan District | 26,061 | 26,061 | - | - | 0 | 0 | - | 6,326 |
| 八德區 Bade District | 26,313 | 26,313 | - | - | 49 | 49 | - | 9,722 |
| 龍潭區 Longtan District | 15,558 | 15,558 | - | - | 4 | 0 | 3 | 3,706 |
| 平鎮區 Pingzhen District | 36,907 | 36,907 | - | - | 71 | 67 | 5 | 13,371 |
| 新屋區 Xinwu District | 6,508 | 6,508 | - | - | 2 | - | 2 | 1,270 |
| 觀音區 Guanyin District | 5,297 | 5,297 | - | - | 27 | 27 | - | 2,065 |
| 復興區 Fuxing District | 1,629 | 1,629 | - | - | - | - | - | 125 |

Table 10-1. Collection and Disposal of Municipal Solid Waste (Cont.)

| Volume of Garbage Generated by Implementing Agencies (Tons) | | | | | 平均每日 垃圾清運量 (公噸) | 平均每人每日 垃圾清運量 (公斤) | 垃圾妥善 處理率 (%) | 垃圾 回收率 (%) |
|---|--|-----------------------|---|--|--|--|-----------------------------|----------------------------|
| By Clearance Units or Recycling Channels | | | | | | | | |
| Food Wastes Recycled | | 資源回收 Garbage Recycled | | | Volume of Waste Clearance Per Day (Tons) | Volume of Waste Clearance Per Capita Per Day (Kg) | Garbage Disposal Rate | Waste Recycling Rate |
| 環保單位 回收 | 社區、學校、 機關團體回收 | 小計 | 環保單位 回收 | 社區、學校、 機關團體回收 | | | | |
| Environmental Protection Agencies | Communities, Schools and Organizations | Sub-total | Environmental Protection Agencies | Communities, Schools and Organizations | | | | |
| 21,584 | 37,334 | 168,442 | 54,487 | 113,954 | 1,245 | 0.67 | 98.29 | 33.42 |
| 28,826 | 40,831 | 219,990 | 71,057 | 148,933 | 1,107 | 0.58 | 99.45 | 41.76 |
| 29,385 | 53,918 | 248,821 | 64,084 | 184,737 | 1,050 | 0.55 | 100.00 | 46.60 |
| 25,890 | 39,886 | 195,319 | 37,222 | 158,097 | Ⓡ967 | 0.50 | 100.00 | 42.90 |
| 27,848 | 43,911 | 241,165 | 35,543 | 205,622 | 946 | 0.48 | 100.00 | 48.07 |
| 28,244 | 49,568 | 282,224 | 31,141 | 251,083 | 918 | 0.46 | 100.00 | 52.38 |
| 29,851 | 60,584 | 277,975 | 30,337 | 247,638 | 813 | 0.41 | 100.00 | 55.84 |
| 29,684 | 77,890 | 302,004 | 31,119 | 270,884 | Ⓡ817 | 0.40 | 100.00 | 58.15 |
| 30,508 | 78,570 | 327,409 | 27,759 | 299,649 | 898 | 0.44 | 100.00 | 57.23 |
| 26,358 | 77,675 | 346,104 | 39,779 | 306,325 | 967 | 0.47 | 100.00 | 56.10 |
| - | - | 6,889 | - | 6,889 | 74 | - | 100.00 | 20.37 |
| 10,802 | 13,399 | 49,753 | 7,137 | 42,617 | 177 | 0.42 | 100.00 | 53.43 |
| 4,307 | 17,674 | 72,321 | 3,600 | 68,721 | 207 | 0.54 | 100.00 | 55.75 |
| 733 | 3,328 | 16,855 | 4,045 | 12,809 | 40 | 0.44 | 100.00 | 58.81 |
| 1,622 | 5,600 | 27,717 | 2,054 | 25,664 | 55 | 0.35 | 100.00 | 63.71 |
| 1,153 | 7,234 | 25,355 | 3,702 | 21,653 | 58 | 0.39 | 100.00 | 61.45 |
| 423 | 1,173 | 16,340 | 1,160 | 15,180 | 33 | 0.39 | 100.00 | 59.72 |
| 1,881 | 4,445 | 33,482 | 2,109 | 31,374 | 71 | 0.51 | 100.00 | 60.44 |
| 2,805 | 6,917 | 22,950 | 3,835 | 19,115 | 72 | 0.40 | 100.00 | 55.37 |
| 1,548 | 2,158 | 20,265 | 1,895 | 18,370 | 43 | 0.37 | 100.00 | 60.65 |
| 743 | 12,628 | 37,921 | 5,591 | 32,330 | 101 | 0.48 | 100.00 | 58.16 |
| 145 | 1,125 | 8,760 | 2,333 | 6,427 | 18 | 0.37 | 100.00 | 60.66 |
| 74 | 1,991 | 6,426 | 1,336 | 5,090 | 15 | 0.23 | 100.00 | 61.65 |
| 122 | 3 | 1,070 | 984 | 86 | 4 | 0.41 | 100.00 | 42.31 |

表 10-2、環境空氣品質

| 年及月別 Year & Month | 監測站數 (站) Monitoring Stations (Stations) | 人工測站 Manual Operation Monitoring Stations | | |
|----------------------|--|---|------------------------------------|---|
| | | 總懸浮微粒(TSP) (微克/立方公尺) Total Suspended Particulate ($\mu\text{g}/\text{m}^3$) | 鉛 (微克/立方公尺) | 落塵量 (公噸/平方公里/ 月) Dustfall (Ton/ Km^2 /Month) |
| | | | Pb ($\mu\text{g}/\text{m}^3$) | |
| 民國94年 2005 | 17 | 103.00 | 0.07 | 4.93 |
| 民國95年 2006 | 17 | 102.00 | 0.05 | 2.86 |
| 民國96年 2007 | 17 | 83.00 | 0.05 | 5.50 |
| 民國97年 2008 | 18 | 76.00 | 0.04 | 5.73 |
| 民國98年 2009 | 18 | 66.00 | 0.03 | 9.10 |
| 民國99年 2010 | 18 | 55.00 | 0.03 | 13.13 |
| 民國100年 2011 | 18 | 60.00 | 0.04 | 3.93 |
| 民國101年 2012 | 17 | 51.00 | 0.04 | 5.15 |
| 民國102年 2013 | 17 | 57.00 | 0.03 | 3.54 |
| 民國103年 2014 | 17 | 59.00 | 0.02 | 3.03 |
| 1月 January | 17 | 82.00 | 0.04 | 4.84 |
| 2月 February | 17 | 75.00 | 0.03 | 3.05 |
| 3月 March | 17 | 85.00 | 0.02 | 3.10 |
| 4月 April | 17 | 61.00 | 0.02 | 2.50 |
| 5月 May | 17 | 54.00 | 0.02 | 1.79 |
| 6月 June | 17 | 42.00 | 0.01 | 3.11 |
| 7月 July | 17 | 37.00 | 0.01 | 3.37 |
| 8月 August | 17 | 43.00 | 0.01 | 2.44 |
| 9月 September | 17 | 52.00 | 0.02 | 4.83 |
| 10月 October | 17 | 52.00 | 0.01 | 3.55 |
| 11月 November | 17 | 56.00 | 0.02 | 2.32 |
| 12月 December | 17 | 104.00 | 0.06 | 1.54 |

資料來源：行政院環境保護署。

說明：監測站數係指年（月）底數，並包含人工測站數及自動測站數。

Table 10-2. Environmental Air Quality

| 自動測站 Auto-monitoring Stations | | | | | |
|--|--|---|--|--|-------------------------------|
| 粒徑10微米以下 之懸浮微粒(PM ₁₀) ($\mu\text{g}/\text{m}^3$) Suspended Particulate (PM ₁₀) ($\mu\text{g}/\text{m}^3$) | 二氧化硫 (ppm) Sulfur Dioxide (ppm) | 一氧化碳 (ppm) Carbon Monoxide (ppm) | 二氧化氮 (ppm) Nitrogen Dioxide (ppm) | 非甲烷碳氫化合物 (ppmC) Non-Methane Hydrocarbon (ppmC) | 臭氧 (ppm) Ozone (ppm) |
| 59.07 | 0.007 | 0.54 | 0.02 | 0.00 | 0.05 |
| 56.39 | 0.006 | 0.50 | 0.02 | 0.30 | 0.05 |
| 57.52 | 0.005 | 0.49 | 0.02 | 0.32 | 0.05 |
| 54.33 | 0.006 | 0.46 | 0.02 | 0.26 | 0.05 |
| 53.89 | 0.005 | 0.44 | 0.02 | 0.23 | 0.05 |
| 53.87 | 0.005 | 0.46 | 0.02 | 0.28 | 0.05 |
| 48.70 | 0.005 | 0.42 | 0.02 | 0.22 | 0.05 |
| 46.41 | 0.004 | 0.43 | 0.02 | 0.21 | 0.05 |
| 50.43 | 0.004 | 0.42 | 0.02 | 0.19 | 0.06 |
| 51.10 | 0.004 | 0.41 | 0.02 | 0.20 | 0.06 |
| 70.34 | 0.006 | 0.50 | 0.02 | 0.22 | 0.05 |
| 48.32 | 0.004 | 0.47 | 0.02 | 0.23 | 0.05 |
| 65.09 | 0.005 | 0.51 | 0.02 | 0.26 | 0.06 |
| 58.62 | 0.005 | 0.47 | 0.02 | 0.20 | 0.06 |
| 46.85 | 0.005 | 0.48 | 0.02 | 0.27 | 0.06 |
| 43.19 | 0.004 | 0.34 | 0.02 | 0.22 | 0.05 |
| 38.62 | 0.004 | 0.30 | 0.01 | 0.20 | 0.06 |
| 39.22 | 0.004 | 0.31 | 0.01 | 0.21 | 0.07 |
| 39.70 | 0.004 | 0.33 | 0.02 | 0.18 | 0.06 |
| 52.79 | 0.003 | 0.38 | 0.02 | 0.15 | 0.06 |
| 48.85 | 0.003 | 0.41 | 0.02 | 0.16 | 0.05 |
| 51.10 | 0.004 | 0.41 | 0.02 | 0.20 | 0.06 |

Source : Environmental Protection Administration, Executive Yuan .

Note : The number of monitoring stations are taken at the end of year(month) include the number of manual operation monitoring stations and auto-monitoring stations.

表 10-3、一般地區環境音量監測不合格情形

單位：時段

| 年別 Year | 年底監測站數 (站) No. of Monitoring Stations, End of Year (Stations) | 總 計 Grand Total | | 按 早 (5~7時) AM5~AM7 | |
|------------|---|---|--|---|--|
| | | 不合格時段數 No. of Over- standard Frames | 不合格率(%) Rate of Over-standard Frames | 不合格時段數 No. of Over- standard Frames | 不合格率(%) Rate of Over-standard Frames |
| | | 民國94年 2005 | 8 | 5 | 15.63 |
| 民國95年 2006 | 8 | 6 | 18.75 | 1 | 12.50 |
| 民國96年 2007 | 8 | 13 | 40.63 | 4 | 50.00 |
| 民國97年 2008 | 8 | 11 | 34.38 | 3 | 37.50 |
| 民國98年 2009 | 10 | 15 | 37.50 | 4 | 40.00 |

| 年及季別 Year & Quarter | 年(季)底 監測站數 (站) No. of Monitoring Stations, End of Year (Quarter) (Stations) | 總計 Grand Total | |
|------------------------|---|--|--|
| | | 不合格時段數 No. of Over-standard Frames | 不合格率(%) Rate of Over-standard Frames |
| | | 民國99年 2010 | 8 |
| 民國100年 2011 | 12 | 5 | 13.89 |
| 民國101年 2012 | 12 | - | - |
| 民國102年 2013 | 12 | - | - |
| 民國103年 2014 | 12 | - | - |
| 第 1 季 1st Quarter | 12 | - | - |
| 第 2 季 2nd Quarter | 12 | - | - |
| 第 3 季 3rd Quarter | 12 | - | - |
| 第 4 季 4th Quarter | 12 | - | - |

資料來源：行政院環境保護署。

說明：時段別自99年起變更為日間、晚間及夜間等三個時段，且不同管制區上開三時段定義不同。

Table 10-3. Environmental Noise Monitoring Stations by Over-standard Time Frames

Unit : Time Frames

| 時 段 分 | | | | | | By Time Frames | |
|--|--|---|--|---|--|----------------|--|
| 日 (7~20時) AM7~PM8 | | 晚 (20~22時) PM8~PM10 | | 夜 (22~5時) PM10~AM5 | | | |
| 不合格時段數 No. of Over-standard Frames | 不合格率(%) Rate of Over-standard Frames | 不合格時段數 No. of Over- standard Frames | 不合格率(%) Rate of Over-standard Frames | 不合格時段數 No. of Over- standard Frames | 不合格率(%) Rate of Over-standard Frames | | |
| 1 | 12.50 | 1 | 12.50 | 1 | 12.50 | | |
| 2 | 25.00 | 2 | 25.00 | 1 | 12.50 | | |
| 3 | 37.50 | 2 | 25.00 | 4 | 50.00 | | |
| 3 | 37.50 | 3 | 37.50 | 2 | 25.00 | | |
| 4 | 40.00 | 4 | 40.00 | 3 | 30.00 | | |

| 按時段分 By Time Frames | | | | | |
|--|--|---|--|---|--|
| 日間 Day | | 晚間 Evening | | 夜間 Night | |
| 不合格時段數 No. of Over-standard Frames | 不合格率(%) Rate of Over-standard Frames | 不合格時段數 No. of Over- standard Frames | 不合格率(%) Rate of Over-standard Frames | 不合格時段數 No. of Over- standard Frames | 不合格率(%) Rate of Over-standard Frames |
| 4 | 50.00 | 2 | 25.00 | 3 | 37.50 |
| 2 | 16.67 | - | - | 3 | 25.00 |
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| - | - | - | - | - | - |

Source : Environmental Protection Administration, Executive Yuan .

Note : About the time frames, they were changed to day, evening, and night since 2010. Besides, their definitions are different in every control area.

表 10-4、道路交通音量監測不合格情形

單位：時段

| 年別 Year | 年底監測站數 (站) No. of Monitoring Stations, End of Year (Stations) | 總計 Grand Total | | 按 早(5~7時) AM5~AM7 | |
|------------|---|---|--|---|--|
| | | 不合格時段數 No. of Over- standard Frames | 不合格率(%) Rate of Over-standard Frames | 不合格時段數 No. of Over- standard Frames | 不合格率(%) Rate of Over-standard Frames |
| | | 民國94年 2005 | 10 | 3 | 7.50 |
| 民國95年 2006 | 10 | 4 | 10.00 | 1 | 10.00 |
| 民國96年 2007 | 10 | 6 | 15.00 | 1 | 10.00 |
| 民國97年 2008 | 10 | 6 | 15.00 | 1 | 10.00 |
| 民國98年 2009 | 13 | 12 | 23.08 | 3 | 23.08 |

| 年及季別 Year & Quarter | 年(季)底 監測站數(站) No. of Monitoring Stations, End of Year (Quarter) (Stations) | 總計 Grand Total | |
|------------------------|---|--|--|
| | | 不合格時段數 No. of Over-standard Frames | 不合格率(%) Rate of Over-standard Frames |
| 民國99年 2010 | 10 | 3 | 10.00 |
| 民國100年 2011 | 12 | - | - |
| 民國101年 2012 | 12 | - | - |
| 民國102年 2013 | 12 | - | - |
| 民國103年 2014 | 12 | - | - |
| 第1季 1st Quarter | 12 | - | - |
| 第2季 2nd Quarter | 12 | - | - |
| 第3季 3rd Quarter | 12 | - | - |
| 第4季 4th Quarter | 12 | - | - |

資料來源：行政院環境保護署。

說明：時段別自99年起變更為日間、晚間及夜間等三個時段，且不同管制區上開三時段定義不同。

Table 10-4. Traffic Noise Monitoring Stations by Over-standard Time Frames

Unit : Time Frames

| 時 段 | | 分 | | By Time Frames | |
|---------------------------------------|---|---------------------------------------|---|---------------------------------------|---|
| 日 (7~20時) AM7~PM8 | | 晚 (20~22時) PM8~PM10 | | 夜 (22~5時) PM10~AM5 | |
| 不合格時段數 No. of Over-standard Frames | 不合格率(%) Rate of Over-standard Frames | 不合格時段數 No. of Over-standard Frames | 不合格率(%) Rate of Over-standard Frames | 不合格時段數 No. of Over-standard Frames | 不合格率(%) Rate of Over-standard Frames |
| - | - | 1 | 10.00 | 1 | 10.00 |
| 1 | 10.00 | 1 | 10.00 | 1 | 10.00 |
| 2 | 20.00 | 2 | 20.00 | 1 | 10.00 |
| 2 | 20.00 | 2 | 20.00 | 1 | 10.00 |
| 4 | 30.77 | 3 | 23.08 | 2 | 15.38 |

按時段分 By Time Frames

| 日間 Day | | 晚間 Evening | | 夜間 Night | |
|---------------------------------------|---|---------------------------------------|---|---------------------------------------|---|
| 不合格時段數 No. of Over-standard Frames | 不合格率(%) Rate of Over-standard Frames | 不合格時段數 No. of Over-standard Frames | 不合格率(%) Rate of Over-standard Frames | 不合格時段數 No. of Over-standard Frames | 不合格率(%) Rate of Over-standard Frames |
| 1 | 10.00 | 1 | 10.00 | 1 | 10.00 |
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| - | - | - | - | - | - |

Source : Environmental Protection Administration, Executive Yuan .

Note : About the time frames, they were changed to day, evening, and night since 2010. Besides, their definitions are different in every control area.

表 10-5、公害陳情受理案件

單位：件

| 年及月別 Year & Month | 合計 Total | 空氣污染 (不含異味污染物) Air Pollution (Excluding Unusual Smell Pollutant) | 異味污染物 Unusual Smell Pollutant | 噪音 Noise |
|----------------------|-------------|---|----------------------------------|-------------|
| 民國94年 2005 | 8,772 | 441 | 3,350 | 2,673 |
| 民國95年 2006 | 9,417 | 480 | 3,864 | 2,711 |
| 民國96年 2007 | 12,006 | 498 | 4,917 | 2,833 |
| 民國97年 2008 | 11,882 | 1,115 | 5,050 | 2,762 |
| 民國98年 2009 | 11,317 | 1,801 | 4,241 | 2,518 |
| 民國99年 2010 | 11,077 | 1,521 | 3,962 | 2,708 |
| 民國100年 2011 | 9,832 | 1,540 | 3,389 | 2,432 |
| 民國101年 2012 | 8,056 | 941 | 3,216 | 1,931 |
| 民國102年 2013 | 9,710 | 940 | 4,220 | 2,337 |
| 民國103年 2014 | 10,141 | 733 | 4,555 | 2,546 |
| 1月 January | 765 | 70 | 310 | 194 |
| 2月 February | 551 | 37 | 214 | 164 |
| 3月 March | 797 | 66 | 318 | 234 |
| 4月 April | 865 | 64 | 357 | 261 |
| 5月 May | 811 | 37 | 346 | 247 |
| 6月 June | 768 | 61 | 335 | 179 |
| 7月 July | 882 | 75 | 400 | 178 |
| 8月 August | 1,095 | 72 | 584 | 159 |
| 9月 September | 1,149 | 95 | 602 | 225 |
| 10月 October | 1,039 | 72 | 500 | 261 |
| 11月 November | 790 | 44 | 345 | 244 |
| 12月 December | 629 | 40 | 244 | 200 |

資料來源：行政院環境保護署及本府環境保護局。

Table 10-5. Public Nuisance Petition Cases

Unit : Cases

| 水污染 Water Pollution | 廢棄物 Solid Waste | 振動 Vibration | 環境衛生 Environmental Sanitation | 其他 Others |
|------------------------|--------------------|-----------------|----------------------------------|--------------|
| 1,112 | 755 | 10 | 351 | 80 |
| 1,340 | 553 | 9 | 353 | 107 |
| 1,811 | 909 | 8 | 883 | 147 |
| 1,563 | 696 | 11 | 561 | 124 |
| 1,165 | 509 | 9 | 969 | 105 |
| 1,108 | 530 | 1 | 1,174 | 73 |
| 930 | 410 | 3 | 1,018 | 110 |
| 966 | 356 | 5 | 527 | 114 |
| 1,188 | 314 | 18 | 539 | 154 |
| 1,204 | 313 | 25 | 580 | 185 |
| 107 | 26 | 1 | 45 | 12 |
| 84 | 11 | 3 | 31 | 7 |
| 94 | 30 | 4 | 37 | 14 |
| 109 | 25 | 4 | 36 | 9 |
| 91 | 24 | 1 | 48 | 17 |
| 107 | 35 | - | 37 | 14 |
| 106 | 24 | 3 | 69 | 27 |
| 111 | 44 | 3 | 91 | 31 |
| 97 | 30 | 3 | 68 | 29 |
| 124 | 16 | 2 | 52 | 12 |
| 86 | 29 | 1 | 33 | 8 |
| 88 | 19 | - | 33 | 5 |

Source : Environmental Protection Administration, Executive Yuan and Department of Environmental Protection,
Taoyuan City Gov.

表 10-6、環保稽查（查核）概況

單位：次；千元

| 年及月別 Year & Month | 總計 Grand Total | | | |
|----------------------|--------------------|------------------|-----------------|------------|
| | 稽查次數 | 罰鍰次數 | 罰鍰金額 | 實收罰鍰 |
| | No. of Inspections | No. of Penalties | Amount of Fines | Fines Paid |
| 民國94年 2005 | 40,171 | 2,741 | 65,290 | 61,828 |
| 民國95年 2006 | 37,662 | 2,652 | 135,662 | 117,439 |
| 民國96年 2007 | 33,344 | 1,972 | 141,980 | 132,843 |
| 民國97年 2008 | 115,702 | 8,074 | 140,958 | 133,653 |
| 民國98年 2009 | 80,714 | 23,180 | 135,629 | 128,491 |
| 民國99年 2010 | 217,556 | 27,250 | 144,467 | 137,402 |
| 民國100年 2011 | 297,478 | 25,361 | 124,561 | 121,749 |
| 民國101年 2012 | 129,525 | 26,375 | 122,147 | 112,967 |
| 民國102年 2013 | 46,375 | 19,137 | 154,108 | 136,487 |
| 民國103年 2014 | 47,138 | 4,306 | 170,019 | 133,905 |
| 1月 January | 2,749 | 230 | 8,368 | 9,134 |
| 2月 February | 2,369 | 280 | 13,371 | 10,845 |
| 3月 March | 3,068 | 341 | 12,217 | 10,397 |
| 4月 April | 3,998 | 319 | 17,164 | 7,674 |
| 5月 May | 4,323 | 299 | 13,286 | 11,236 |
| 6月 June | 3,776 | 285 | 11,169 | 11,506 |
| 7月 July | 4,599 | 445 | 18,242 | 9,364 |
| 8月 August | 5,308 | 361 | 17,203 | 11,467 |
| 9月 September | 4,292 | 430 | 18,515 | 17,177 |
| 10月 October | 4,524 | 423 | 12,969 | 13,295 |
| 11月 November | 4,235 | 454 | 15,627 | 10,721 |
| 12月 December | 3,897 | 439 | 11,887 | 11,088 |

資料來源：行政院環境保護署。

Table 10-6. Pollution Inspection and Administrative Penalty

Unit : Times ; NT\$1,000

| 水污染 Water Pollution | | | | 廢棄物 (不含區資料) Solid Waste Pollution (District Excluded) | |
|----------------------------|--------------------------|-------------------------|--------------------|---|--------------------------|
| 稽查次數 No. of Inspections | 罰鍰次數 No. of Penalties | 罰鍰金額 Amount of Fines | 實收罰鍰 Fines Paid | 稽查次數 No. of Inspections | 罰鍰次數 No. of Penalties |
| 2,057 | 337 | 33,906 | 27,211 | 10,590 | 395 |
| 2,431 | 547 | 94,406 | 58,862 | 9,318 | 470 |
| 2,391 | 660 | 114,436 | 91,572 | 7,906 | 222 |
| 3,902 | 549 | 75,259 | 86,835 | 24,351 | 3,518 |
| 4,645 | 397 | 43,585 | 53,036 | 9,272 | 12,394 |
| 5,875 | 431 | 45,562 | 49,389 | 21,230 | 13,712 |
| 4,654 | 280 | 28,678 | 34,142 | 32,577 | 11,061 |
| 4,787 | 356 | 43,827 | 38,221 | 17,776 | 17,012 |
| 3,710 | 392 | 63,213 | 52,962 | 10,364 | 15,579 |
| 4,422 | 570 | 80,596 | 61,957 | 14,952 | 1,208 |
| 287 | 20 | 2,160 | 3,185 | 806 | 78 |
| 220 | 47 | 7,062 | 4,246 | 853 | 94 |
| 299 | 41 | 4,553 | 5,593 | 1,196 | 99 |
| 305 | 56 | 9,355 | 3,733 | 1,311 | 79 |
| 319 | 36 | 4,701 | 5,006 | 1,373 | 65 |
| 376 | 36 | 5,080 | 4,414 | 1,245 | 84 |
| 426 | 56 | 9,470 | 4,335 | 1,547 | 101 |
| 358 | 44 | 9,376 | 3,895 | 2,033 | 126 |
| 377 | 63 | 10,380 | 11,338 | 1,341 | 122 |
| 440 | 67 | 6,877 | 6,618 | 1,179 | 100 |
| 473 | 66 | 6,380 | 5,205 | 1,172 | 121 |
| 542 | 38 | 5,202 | 4,389 | 896 | 139 |

Source : Environmental Protection Administration, Executive Yuan .

表 10-6、環保稽查(查核)概況(續 1)

單位：次；千元

| 年及月別 Year & Month | 廢棄物(不含區資料) Solid Waste Pollution (District Excluded) | | 空氣污染 | |
|----------------------|--|------------|--------------------|------------------|
| | 罰鍰金額 | 實收罰鍰 | 稽查次數 | 罰鍰次數 |
| | Amount of Fines | Fines Paid | No. of Inspections | No. of Penalties |
| 民國94年 2005 | 9,556 | 14,076 | 21,328 | 1,935 |
| 民國95年 2006 | 5,992 | 21,789 | 19,193 | 1,602 |
| 民國96年 2007 | 3,818 | 14,057 | 14,481 | 1,060 |
| 民國97年 2008 | 18,895 | 13,534 | 81,676 | 3,960 |
| 民國98年 2009 | 29,991 | 25,575 | 61,177 | 10,314 |
| 民國99年 2010 | 35,333 | 27,023 | 183,765 | 13,000 |
| 民國100年 2011 | 27,968 | 24,360 | 253,858 | 13,792 |
| 民國101年 2012 | 30,616 | 27,516 | 99,721 | 8,835 |
| 民國102年 2013 | 30,458 | 28,164 | 24,191 | 3,020 |
| 民國103年 2014 | 32,177 | 13,871 | 20,033 | 2,391 |
| 1月 January | 1,719 | 1,477 | 1,156 | 132 |
| 2月 February | 2,297 | 1,198 | 885 | 131 |
| 3月 March | 3,397 | 1,366 | 991 | 159 |
| 4月 April | 2,639 | 844 | 1,612 | 177 |
| 5月 May | 1,864 | 1,634 | 1,285 | 192 |
| 6月 June | 2,514 | 908 | 1,629 | 155 |
| 7月 July | 2,973 | 1,101 | 2,087 | 275 |
| 8月 August | 3,937 | 718 | 2,481 | 182 |
| 9月 September | 2,438 | 1,467 | 2,065 | 242 |
| 10月 October | 2,014 | 991 | 2,153 | 253 |
| 11月 November | 3,891 | 1,000 | 1,832 | 245 |
| 12月 December | 2,494 | 1,165 | 1,857 | 248 |

Table 10-6. Pollution Inspection and Administrative Penalty (Cont. 1)

Unit : Times ; NT\$1,000

| Air Pollution | | 噪音 Noise Pollution | | | |
|-------------------------|--------------------|----------------------------|--------------------------|-------------------------|--------------------|
| 罰鍰金額 Amount of Fines | 實收罰鍰 Fines Paid | 稽查次數 No. of Inspections | 罰鍰次數 No. of Penalties | 罰鍰金額 Amount of Fines | 實收罰鍰 Fines Paid |
| 19,966 | 17,878 | 2,673 | 47 | 142 | 188 |
| 33,632 | 31,639 | 2,676 | 14 | 132 | 229 |
| 22,568 | 24,318 | 2,787 | 16 | 108 | 72 |
| 43,382 | 31,729 | 3,039 | 20 | 99 | 85 |
| 56,982 | 45,114 | 2,808 | 35 | 174 | 115 |
| 60,303 | 57,682 | 3,202 | 59 | 184 | 104 |
| 60,729 | 56,519 | 3,313 | 122 | 682 | 363 |
| 41,219 | 41,043 | 3,435 | 106 | 490 | 693 |
| 52,542 | 48,224 | 4,225 | 78 | 1,072 | 1,059 |
| 52,802 | 53,463 | 4,418 | 102 | 615 | 495 |
| 4,489 | 4,269 | 360 | - | - | 45 |
| 3,427 | 4,742 | 268 | 7 | 285 | 21 |
| 4,064 | 3,166 | 393 | 40 | 83 | 6 |
| 4,620 | 2,762 | 440 | 3 | 25 | 286 |
| 6,313 | 4,499 | 443 | 1 | 3 | 4 |
| 3,053 | 5,414 | 392 | 4 | 48 | 5 |
| 5,660 | 3,639 | 326 | 12 | 40 | - |
| 3,860 | 6,712 | 308 | 9 | 30 | 23 |
| 5,334 | 4,165 | 363 | 1 | 3 | 49 |
| 4,014 | 5,186 | 421 | 2 | 5 | 34 |
| 4,167 | 4,426 | 347 | 13 | 46 | 5 |
| 3,804 | 4,483 | 357 | 10 | 47 | 17 |

表 10-6、環保稽查（查核）概況（續 2）

單位：次；千元

| 年及月別 Year & Month | 毒性化學物質 Toxic Chemical Substances | | | |
|----------------------|-------------------------------------|------------------|-----------------|------------|
| | 稽查次數 | 罰鍰次數 | 罰鍰金額 | 實收罰鍰 |
| | No. of Inspections | No. of Penalties | Amount of Fines | Fines Paid |
| 民國94年 2005 | 515 | 11 | 900 | 1,046 |
| 民國95年 2006 | 552 | 10 | 960 | 2,220 |
| 民國96年 2007 | 770 | 13 | 1,020 | 2,200 |
| 民國97年 2008 | 858 | 18 | 1,440 | 1,240 |
| 民國98年 2009 | 1,006 | 26 | 2,110 | 2,010 |
| 民國99年 2010 | 914 | 26 | 1,770 | 1,810 |
| 民國100年 2011 | 854 | 78 | 5,910 | 5,085 |
| 民國101年 2012 | 977 | 51 | 3,265 | 3,532 |
| 民國102年 2013 | 794 | 40 | 3,518 | 3,181 |
| 民國103年 2014 | 828 | 14 | 1,038 | 1,703 |
| 1月 January | 47 | - | - | 13 |
| 2月 February | 53 | - | - | 623 |
| 3月 March | 96 | 2 | 120 | 73 |
| 4月 April | 229 | 2 | 126 | 13 |
| 5月 May | 159 | 1 | 100 | 73 |
| 6月 June | 56 | 3 | 220 | 239 |
| 7月 July | 22 | - | - | 68 |
| 8月 August | 28 | - | - | 113 |
| 9月 September | 37 | 1 | 60 | 8 |
| 10月 October | 21 | 1 | 60 | 128 |
| 11月 November | 28 | 1 | 42 | 68 |
| 12月 December | 52 | 3 | 310 | 284 |

Table 10-6. Pollution Inspection and Administrative Penalty (Cont. 2)

Unit : Times ; NT\$1,000

| 環境用藥 Environmental Agents | | | | 飲用水 Drinking Water Pollution | |
|------------------------------|--------------------------|-------------------------|--------------------|---------------------------------|--------------------------|
| 稽查次數 No. of Inspections | 罰鍰次數 No. of Penalties | 罰鍰金額 Amount of Fines | 實收罰鍰 Fines Paid | 稽查次數 No. of Inspections | 罰鍰次數 No. of Penalties |
| 1,612 | 14 | 760 | 1,010 | 1,159 | 2 |
| 1,856 | 8 | 240 | 220 | 1,105 | - |
| 3,591 | 1 | 30 | 180 | 1,142 | - |
| 1,434 | 1 | 30 | 110 | 399 | 4 |
| 1,225 | 6 | 570 | 200 | 565 | - |
| 1,384 | 5 | 510 | 605 | 594 | - |
| 1,353 | 3 | 120 | 198 | 607 | 1 |
| 1,832 | 2 | 420 | 50 | 656 | 1 |
| 1,828 | 4 | 150 | 455 | 607 | 1 |
| 1,365 | 1 | 30 | 66 | 602 | - |
| - | - | - | 11 | 50 | - |
| 3 | - | - | 5 | 49 | - |
| - | - | - | - | 49 | - |
| 2 | - | - | 10 | 55 | - |
| 664 | - | - | 5 | 49 | - |
| 3 | - | - | 5 | 49 | - |
| 91 | - | - | 5 | 49 | - |
| - | - | - | 5 | 49 | - |
| - | - | - | 5 | 50 | - |
| 204 | - | - | 5 | 52 | - |
| 290 | - | - | 5 | 50 | - |
| 108 | 1 | 30 | 5 | 51 | - |

表 10-6、環保稽查（查核）概況（續 3）

單位：次；千元

| 年及月別 Year & Month | 飲用水 Drinking Water Pollution | | 環境影響評估 | |
|----------------------|---------------------------------|------------|--------------------|------------------|
| | 罰鍰金額 | 實收罰鍰 | 稽查次數 | 罰鍰次數 |
| | Amount of Fines | Fines Paid | No. of Inspections | No. of Penalties |
| 民國94年 2005 | 60 | 420 | 100 | - |
| 民國95年 2006 | - | 280 | 433 | 1 |
| 民國96年 2007 | - | 120 | 13 | - |
| 民國97年 2008 | 580 | 120 | 22 | - |
| 民國98年 2009 | - | - | 1 | 4 |
| 民國99年 2010 | - | - | 19 | 2 |
| 民國100年 2011 | 60 | 60 | 2 | 1 |
| 民國101年 2012 | 60 | 60 | 68 | 6 |
| 民國102年 2013 | 60 | 60 | 176 | 4 |
| 民國103年 2014 | - | - | 182 | 2 |
| 1月 January | - | - | 15 | - |
| 2月 February | - | - | 11 | - |
| 3月 March | - | - | 15 | - |
| 4月 April | - | - | 10 | - |
| 5月 May | - | - | 1 | - |
| 6月 June | - | - | 2 | - |
| 7月 July | - | - | 26 | - |
| 8月 August | - | - | 26 | - |
| 9月 September | - | - | 29 | 1 |
| 10月 October | - | - | 26 | - |
| 11月 November | - | - | 15 | 1 |
| 12月 December | - | - | 6 | - |

Table 10-6. Pollution Inspection and Administrative Penalty (Cont. 3)

Unit : Times ; NT\$1,000

| Environmental Impact Assessment | | 土壤及地下水污染 Soil and Groundwater Pollution | | | |
|---------------------------------|--------------------|--|--------------------------|-------------------------|--------------------|
| 罰鍰金額 Amount of Fines | 實收罰鍰 Fines Paid | 稽查次數 No. of Inspections | 罰鍰次數 No. of Penalties | 罰鍰金額 Amount of Fines | 實收罰鍰 Fines Paid |
| - | - | 137 | - | - | - |
| 300 | 600 | 98 | - | - | 1,600 |
| - | 300 | 87 | - | - | 25 |
| - | - | 18 | 2 | 1,200 | - |
| 2,100 | 2,100 | 4 | - | - | 229 |
| 600 | 600 | 287 | - | - | - |
| 300 | - | - | - | - | 962 |
| 1,800 | 1,500 | 14 | 1 | 100 | - |
| 1,200 | 1,800 | 198 | 16 | 1,880 | 560 |
| 600 | 600 | 14 | 15 | 1,850 | 1,440 |
| - | - | - | - | - | 134 |
| - | - | - | - | - | 10 |
| - | - | 2 | - | - | 192 |
| - | - | 5 | 2 | 400 | 26 |
| - | - | 2 | 3 | 300 | 16 |
| - | - | - | 2 | 250 | 216 |
| - | - | - | 1 | 100 | 216 |
| - | - | 1 | - | - | - |
| 300 | - | 4 | - | - | 145 |
| - | 300 | - | - | - | 29 |
| 300 | - | - | 7 | 800 | 13 |
| - | 300 | - | - | - | 445 |

表 10-6、環保稽查（查核）概況（續 4 完）

單位：次；千元

| 年及月別 Year & Month | 海洋污染 Ocean Pollution | | | |
|----------------------|-------------------------|------------------|-----------------|------------|
| | 稽查次數 | 罰鍰次數 | 罰鍰金額 | 實收罰鍰 |
| | No. of Inspections | No. of Penalties | Amount of Fines | Fines Paid |
| 民國94年 2005 | - | - | - | - |
| 民國95年 2006 | - | - | - | - |
| 民國96年 2007 | - | - | - | - |
| 民國97年 2008 | - | - | - | - |
| 民國98年 2009 | 10 | - | - | - |
| 民國99年 2010 | 283 | - | - | - |
| 民國100年 2011 | 259 | - | - | - |
| 民國101年 2012 | 257 | - | - | - |
| 民國102年 2013 | 281 | - | - | - |
| 民國103年 2014 | 320 | 1 | 300 | 300 |
| 1月 January | 28 | - | - | - |
| 2月 February | 27 | 1 | 300 | - |
| 3月 March | 27 | - | - | - |
| 4月 April | 28 | - | - | - |
| 5月 May | 28 | - | - | - |
| 6月 June | 24 | - | - | 300 |
| 7月 July | 24 | - | - | - |
| 8月 August | 24 | - | - | - |
| 9月 September | 26 | - | - | - |
| 10月 October | 28 | - | - | - |
| 11月 November | 28 | - | - | - |
| 12月 December | 28 | - | - | - |

Table 10-6. Pollution Inspection and Administrative Penalty (Cont. 4 End)

Unit : Times ; NT\$1,000

| 其他 Others | | | | 年(月)底稽查(查核)人力(人) Manpower for Inspection, End of Year (Month) (Persons) | |
|----------------------------|--------------------------|-------------------------|--------------------|---|-----------------------|
| 稽查次數 No. of Inspections | 罰鍰次數 No. of Penalties | 罰鍰金額 Amount of Fines | 實收罰鍰 Fines Paid | 環保局人力 EPBs | 委外協辦人力 Contractors |
| - | - | - | - | 39 | 53 |
| - | - | - | - | 43 | 62 |
| 176 | - | - | - | 38 | 63 |
| 3 | 2 | 73 | - | 70 | 21 |
| 1 | 4 | 117 | 112 | 72 | 23 |
| 3 | 15 | 205 | 190 | 75 | 15 |
| 1 | 23 | 115 | 59 | 72 | 6 |
| 2 | 5 | 350 | 351 | 89 | 10 |
| 1 | 3 | 15 | 22 | 114 | 8 |
| 2 | 2 | 10 | 10 | 90 | 5 |
| - | - | - | - | 108 | 3 |
| - | - | - | - | 101 | 5 |
| - | - | - | - | 113 | 8 |
| 1 | - | - | - | 122 | 6 |
| - | 1 | 5 | - | 121 | 5 |
| - | 1 | 5 | 5 | 118 | 9 |
| 1 | - | - | - | 94 | 8 |
| - | - | - | - | 92 | 9 |
| - | - | - | - | 104 | 5 |
| - | - | - | 5 | 99 | 7 |
| - | - | - | - | 98 | 5 |
| - | - | - | - | 90 | 5 |

環境保護