

TABLE 1
INCIDENCE AND CHANGES IN NONATTAINMENT STATUS

| Nonattainment Period <i>t</i> (1) | Attainment Period <i>t</i> -1 and Nonattainment Period <i>t</i> (2) | Nonattainment Period <i>t</i> -1 and Attainment Period <i>t</i> (3) |
|---|---|---|
| A. Carbon Monoxide (CO) | | |
| 1967-72 | 0 | 0 |
| 1972-77 | 81 | 0 |
| 1977-82 | 144 | 27 |
| 1982-87 | 137 | 22 |
| B. Ozone (O ₃) | | |
| 1967-72 | 0 | 0 |
| 1972-77 | 32 | 0 |
| 1977-82 | 626 | 1 |
| 1982-87 | 560 | 170 |
| C. Sulfur Dioxide (SO ₂) | | |
| 1967-72 | 0 | 0 |
| 1972-77 | 34 | 0 |
| 1977-82 | 87 | 22 |
| 1982-87 | 60 | 34 |
| D. Total Suspended Particulates (TSPs) | | |
| 1967-72 | 0 | 0 |
| 1972-77 | 296 | 0 |
| 1977-82 | 235 | 169 |
| 1982-87 | 176 | 83 |

NOTE.—There are 3,070 counties in the Census of Manufactures data files. See the Data Appendix for a description of how the pollutant-specific nonattainment designations are assigned.

A. 1978 Stock of Plants

| Industry | Standard industrial classification (SIC) | Percent of plants located in nonattainment counties |
|---|--|---|
| Plastic materials and synthetics | 282 | 91 |
| Industrial organic chemicals | 286 | 89 |
| Miscellaneous plastics | 307 | 87 |
| Steel | 331 | 92 |
| Petroleum refining | 291 | 92 |
| Percent of all urban counties with 1978 nonattainment status = 60 percent | | |

B. Total Percentage Change in Number of Plants 1978-1987 in Counties by Ozone Attainment Status

| Industry (SIC) | Attainment in both 1978 and 1987 | Nonattainment in both 1978 and 1987 | Nonattainment in 1978 attainment in 1987 |
|--|----------------------------------|-------------------------------------|--|
| Plastic materials and synthetics (282) | 67 | 14 | 21 |
| Industrial organic chemicals (286) | 19 | 8 | 36 |
| Miscellaneous plastics (307) | 69 | 20 | 38 |
| Primary steel (331) | 28 | 2 | 6 |
| Petroleum refining (291) | 15 | 6 | -5 |
| Total employment growth in counties | 32 | 34 | |
| All manufacturing establishment growth | 43 | 38 | |