

Table 1: Types of substances and amounts released by Spanish metal industries (2001).

| RELEASES TO AIR | | | RELEASES TO WATER | | |
|--|--------------------|-------------------------|--|--------------------|-------------------------|
| Pollutant | Emission (mt/year) | Percentage ^a | Pollutant | Emission (mt/year) | Percentage ^a |
| Ammonia | 21 | 0.1% | Arsenic | 0.2 | 26.2% |
| Arsenic | 3 | 52.5% | Benzene, toluene, ethylbenzene and xylenes | 14 | 73.1% |
| Benzene | 71 | 41.2% | Cadmium | 0.4 | 29.6% |
| Cadmium | 2 | 42.6% | Chlorides | 34,660 | 2.8% |
| Chlorine | 108 | 13.9% | Chromium | 5 | 44.0% |
| Chromium | 13 | 53.0% | Copper | 6 | 47.0% |
| CO | 151,389 | 62.8% | Cyanides | 154 | 98.0% |
| CO ₂ | 6,641,000 | 4.5% | Dichloromethane | 0.2 | 100.0% |
| Copper | 24 | 89.3% | Fluorides | 116 | 61.1% |
| Dioxins and furanes | 3.0E-05 | 15.8% | Halogenated organic compounds | 1 | 0.4% |
| Fluorine | 712 | 34.2% | Lead | 2 | 46.6% |
| Hydrogen cyanide | 4 | 100.0% | Mercury | 0.1 | 25.1% |
| Lead | 83 | 86.4% | Nickel | 8 | 56.8% |
| Mercury | 0.4 | 19.6% | Nitrogen | 2,340 | 32.6% |
| Methane | 5,070 | 6.6% | Phenols | 186 | 85.0% |
| Nickel | 11 | 7.9% | Phosphorus | 158 | 23.4% |
| NO ₂ | 14,050 | 3.2% | Polycyclic aromatic hydrocarbons | 3 | 76.6% |
| Non-methane volatile organic compounds | 3,151 | 5.5% | Total organic carbon | 707 | 1.5% |
| Perfluorocarbons | 28 | 93.3% | Zinc | 27 | 17.8% |
| PM ₁₀ | 3,372 | 7.8% | | | |
| Polycyclic aromatic hydrocarbons | 5 | 28.6% | | | |
| SO ₂ | 22,160 | 1.9% | | | |
| Tetrachloroethylene | 72 | 100.0% | | | |
| Trichloroethylene | 13 | 16.1% | | | |
| Zinc | 630 | 98.2% | | | |

^aPercentage with respect to the total emitted by all industrial sectors included in the EPER-Spain (2001), for each pollutant.