

from automotive sources has scarcely been touched and makes up 90 percent of our problem.

The cost to control 5,085 tons of pollution from stationary sources has been at least three-quarters of a billion dollars. Some of this we can measure with exactness, the remainder we can estimate. For example, a permit must be obtained for every piece of air pollution control equipment installed in Los Angeles County, and we keep a precise record of the cost of this equipment. Our records show that industry has expended more than \$130 million for such control equipment. This does not include, however, the cost of maintaining or operating this equipment, or the value of the land it occupies, nor does it take into account the cost of designing and building into other basic equipment the modifications necessary to meet our requirements without use of separate control devices. Wherever this is possible, it is done. The true cost to industry may be twice the \$130 million. Another item which we measure precisely is the amount paid for fees for these permits, and the amount paid as fines for convictions of violations of our rules. Since 1948 these two items amount to \$2,875,000. We also know accurately the cost of the air pollution control district for the 18 years of its existence: \$42,530,000. Of this amount, more than \$6 million have been spent for basic research. In addition, however, Los Angeles County taxpayers have also borne a pro rata share of the air pollution expenditures of the State of California and of the Federal Government; and that is a sizable amount.

Another area of expense has been rubbish collection and disposal, which costs an estimated \$55 million a year in Los Angeles County. Since 1957 this has amounted to \$450 million.

All of this expenditure for control is only the top of the iceberg of the cost of air pollution. There is no way of knowing the full cost to Los Angeles County over the past 20 years, but we can make an estimate. President Johnson has given the Federal Government's estimate of the cost of air pollution to the Nation as \$11 billion each year. Los Angeles County represents about 5 percent of the national market, and if we assume that we share the national air pollution cost in the same 5-percent proportion, then in 20 years we have suffered a loss equal to \$11 billion.

Because the figure is so staggering, our inclination is to discount it, and then discount it again, but even so we must conclude that the loss has been tremendous. And that is without taking account of the loss of productivity due to the distress of air pollution, and the price of pain and suffering, impaired health, and loss of well-being for millions of people. Nor does it take into account the general friction and drag on the entire mechanism of society caused by the debate, and pulling and hauling over the problem; the deluge of billions of words printed and spoken about the subject; the legislative hours expended, and the cost in time and money of proceedings such as this very hearing. For example, the cost to the APCD of just two proceedings that have extended over the past 3 years have cost about a quarter million dollars.

Now, we have been fortunate, gentlemen, in receiving some high comments and accolades from the Vice President of the United States. I might quote a recent statement of his. He said: