

*Part  
in filing*

March 24, 1955

TO: LEGAL COUNSEL

We are enclosing herewith two items for inclusion in the "Statistical Analysis" section of Volume V. They are as follows:

- ✓ 1. Analysis of Hammond-Horn American Cancer Society Survey Data.
- ✓ 2. Population Death Rates due to Lung Cancer.

The analysis of the Hammond-Horn American Cancer Society Data provides material that appears to be easily comprehended by the layman since it involves nothing but fundamental arithmetic.

The data on population death rates due to lung cancer is the basic material from which most of the statisticians derive their figures of comparison. We would call your particular attention to the broad variations in rates per 100,000 by states in the death rates headed, "Malignant Neoplasms of the Respiratory System", the last column on Page 3; and the variations between states shown in the last two columns shown on Page 2. These show the fundamental inconsistencies found in the actual figures which do not support the assumption that smoking is a primary cause of lung cancer.

We will shortly send you figures on the per capita consumption of cigarettes by states which provide additional basic information on this subject.

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A. GRANT CLARKE