An indication of the importance of these "suspected" cases in interpreting the results of the calculations is desirable before further discussion of the mortality rates which are derived in later tables. For example, it happens that the rate found for the proved cases is close to the "expected" rate based on the general population figures for the Province as will be shown later, and on which basis, we should find eight deaths from lung cancer among the cohort. Actually, nine cases were observed. If, however, the three additional "suspected" cases are included, increasing this figure to 12, the total would be very close to the 95% level of significance. However, having found just 12 cases, we are not above this level, and THEREFORE ~~almost justified in rejecting~~ the hypothesis that asbestos miners do not have a higher mortality from lung cancer than does the general population cannot be rejected. Nevertheless, the occurrence of 12 cases in this sample would increase the rate to a point which approaches the significant level. Because of the tremendous importance of the questionable cases in this respect, some detail regarding them will be given here.