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P096

Mortality among Vinyl Chloride Workers. Richard R. Monson, M.D.,
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A proportional mortality analysis of 161 deaths among workers in two plants is reported. Of these deaths 135 occurred among men who worked in a plant in which polyvinyl chloride is produced. The remainder worked in a plant where vinyl chloride monomer is produced. Observed numbers of deaths were tabulated and expected numbers were calculated on the basis of proportional mortality ratios for U.S. white males, specific for age and time. There were 41 deaths due to cancer observed, with 27.9 expected. For specific cancers observed (expected) numbers of deaths were as follows: liver and biliary tract - 8 (0.8), lung - 13 (7.9), brain - 5 (1.2). Also, there were 10 suicides observed and 5.3 expected.

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