

TABLE XXXII  
FATAL CASES INVESTIGATED UP TO END OF 1947

|                                     | Number of Deaths | Average age at Death | Duration of Employment in years |          |         |
|-------------------------------------|------------------|----------------------|---------------------------------|----------|---------|
|                                     |                  |                      | Longest                         | Shortest | Average |
| <b>SILICOSIS</b>                    |                  |                      |                                 |          |         |
| Pottery :--                         |                  |                      |                                 |          |         |
| Silicosis                           | 505              | 60.9                 | 62.0                            | 2.8      | 39.0    |
| Silicosis with Tuberculosis         | 387              | 55.2                 | 67.0                            | 5.0      | 34.6    |
| Sandstone :--                       |                  |                      |                                 |          |         |
| Silicosis                           | 200              | 58.9                 | 60.0                            | 9.0      | 39.4    |
| Silicosis with Tuberculosis         | 204              | 56.6                 | 55.0                            | 5.0      | 37.2    |
| Grinding of Metals :--              |                  |                      |                                 |          |         |
| Silicosis                           | 91               | 58.2                 | 56.0                            | 14.0     | 36.3    |
| Silicosis with Tuberculosis         | 186              | 53.5                 | 53.0                            | 2.8      | 32.7    |
| Sandblasting :--                    |                  |                      |                                 |          |         |
| Silicosis                           | 57               | 48.7                 | 28.0                            | 1.7      | 12.0    |
| Silicosis with Tuberculosis         | 91               | 45.8                 | 46.0                            | 2.0      | 13.2    |
| Manufacture of Scouring Powders :-- |                  |                      |                                 |          |         |
| Silicosis                           | 12               | 38.1                 | 37.0                            | 2.3      | 8.4     |
| Silicosis with Tuberculosis         | 6                | 40.8                 | 11.2                            | 2.0      | 7.0     |
| Miscellaneous :--                   |                  |                      |                                 |          |         |
| Silicosis                           | 172              | 54.1                 | 57.0                            | 1.5      | 22.9    |
| Silicosis with Tuberculosis         | 172              | 50.0                 | 50.0                            | 0.7      | 25.7    |
| <b>Total :</b>                      |                  |                      |                                 |          |         |
| Silicosis                           | 1,037            | 55.2                 | 62.0                            | 1.5      | 34.3    |
| Silicosis with Tuberculosis         | 1,046            | 53.6                 | 67.0                            | 0.7      | 31.3    |
| <b>ASBESTOSIS</b>                   |                  |                      |                                 |          |         |
| Asbestosis                          | 160              | 47.5                 | 48.0                            | 0.5      | 14.9    |
| Asbestosis with Tuberculosis        | 72               | 39.0                 | 39.0                            | 0.8      | 10.4    |

*Asbestosis and Carcinoma of Lung*

During the 23 years 1924 to 1946 inclusive, 235 deaths, either caused by Asbestosis\* or in which Asbestosis has been proved at autopsy have come to our notice.

Cancer of the lungs or pleura was found to be present either as a cause of death or as a concomitant in 31 (13.2%) of these 235 cases. One case, a male aged 77, diagnosed post mortem as "Sarcoma" of lung has been excluded and is not included in the above or subsequent figures, as the diagnosis was considered to be unreliable.

The 235 cases of asbestosis and the 31 cases of asbestosis complicated by carcinoma of the lungs or pleura grouped according to age are shown in Table XXXIII. A further grouping according to age and sex is shown in Table XXXIV. It will be seen that of the 128 male deaths, 22 (17.2%) were complicated by carcinoma of the lungs or pleura and of the 107 female deaths, 9 (8.4%) were similarly affected.

TABLE XXXIII

| Age in Years | Asbestosis | Asbestosis and Carcinoma of lung | Per cent.   |
|--------------|------------|----------------------------------|-------------|
| 15-24        | 9          | —                                | —           |
| 25-34        | 42         | 2                                | 4.8         |
| 35-44        | 71         | 4                                | 5.6         |
| 45-54        | 53         | 10                               | 18.9        |
| 55-64        | 43         | 11                               | 25.6        |
| 65 and over  | 17         | 4                                | 23.5        |
| <b>Total</b> | <b>235</b> | <b>31</b>                        | <b>13.2</b> |

\* The Expression "Asbestosis" here includes Asbestosis accompanied by Pulmonary Tuberculosis.

Asbestosis Associated with Fractures (included elsewhere in Table)

(16)

147

141

6

are scl

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6 11

3 55

6 15

8 230

5 12

3 4

8 616

1 1,435