

OPERATIONAL EXPOSURES

eper
ite, Bethesda, Md.

ors from various countries estab-
onoccupational inhalation of dust
of asbestos results in the develop-
depending upon the type of expos-
lational, neighborhood or household
r amount of epidemiologic, clinical
minates this health hazard as one
of the lung (TABLE 1), and more
pleura and peritoneum, although
l their medical guardians and pro-
and motives, to deny the existence
relae of a respiratory contact with
h allegations is well demonstrated
the number of cases of asbestosis
pneum reported from various
shown also by the increase
ons on the occurrence of asbestosis
ries during the past decade (Den-
n).¹⁻⁶ Both occupational diseases
ve become less so in recent times,
studies.⁷

of about 700 cases of asbes-
of approximately 8,000 employees
und 125 cases of asbestosis of the
476 asbestos workers of one com-
rs examined by Böhme,¹²⁻¹⁴ 29 per
stosis. The morbidity rate of as-
rose, moreover, with the duration
rkers exposed to asbestos for less
employed for five to ten years, and
s' exposure. A similar morbidity
stos workers with over 20 years
ether and Price¹⁴ in 1930. Noro-
er cent in 167 asbestos workers
le that no large-scale observations
y rates of asbestosis and asbestos
iant American asbestos industry.

TABLE 1
CARCINOMAS OF THE LUNG IN ASBESTOSICS: REPORTED CASES

Country	Number	Sex	Age	Exposure time	Latent period	Lag period	Site*	Histological type†
USA	35	M 34 F 1	37-69 Av. 50	6-36 Av. 20	6-36 Av. 23	1-30	LL 26 UL 2	S 16 R 5 A 7
Canada	10	M 10	48-65 Av. 57	2-33 Av. 22.5	14-34 Av. 25	4-16 Av. 11		A 2
England	138	M 106 F 32	32-76 Av. M. 55.2 F. 44.6 Av. 54	1-45 Av. 16	18-45 Av. 23	9-20 Av. 3	LL 4 UL 1	S 16 R 24 A 6
Germany	51	M 44 F 7	35-71 Av. 52	3-34 Av. 15	4-40 Av. 28		LL 22 UL 4	S 12 R 11 A 6
Finland	1							
Italy	3	M 2 F 1	46-54 Av. 49	17-26 Av. 29				S 1
France	1							
Switzerland	1	M 1	62	7	24	17	LL	A 1
Total	240	M 197 F 41	32-76	1-45	4-45	1-30	LL 53 UL 7	S 45 R 40 A 19

*LL - Lower Lobe; UL - Upper Lobe.
†S - Squamous Cell; R - Round Cell; and A - Adenocarcinoma.