

TABLE 7
Mesothelioma tumors in Devonport
Dockyard, England, 1964-1973*

Asbestosis (disability)		Occupation	Mesothelioma (deaths)	
No.	%		No.	%
16	10.3	Sprayers	1	1.8
38	23.1	Ladders	1	1.8
15	9.6	Shipwrights	14	25.5
4	2.6	Boilermakers	9	16.4
16	9.6	Engine fitters	8	14.5
11	7.1	Electricians	5	9.1
6	3.8	Caulkers-Riveters	3	5.5
5	3.2	Welders	3	5.5
48	30.8	All others	11	20.0
156			55	

*Harries, P.G., Envir. Res. 11:261-267, 1976.

TABLE 9

X-ray abnormalities among workers employed in shipbuilding and ship repair

TYPE OF ABNORMALITY	Less than 20 years from onset of shipyard em- ployment (636)		20 or more years from onset of shipyard em- ployment (364)		Total	
	Number	%	Number	%	Number	%
Any abnormality	274	43.1	185	50.8	459	45.9
All parenchyma	188	29.6	134	36.8	322	32.2
Parenchyma only	127	20.0	77	21.1	204	20.4
Parenchyma & pleura	61	9.6	57	15.7	118	11.8
All pleura	147	23.1	108	29.7	255	25.5
Pleura only	86	13.5	51	14.0	137	13.7

TABLE 8

Mortality experience of 429 shipyard workers in Barrow, England
with pleural plaques on x-ray (1964-1971) compared
with control men in Carlisle, without pleural plaques

Tracing to December 31, 1976	Plaques	Controls
Alive	299	347
Dead	127 (30%)	74 (17.2%)
Not traced	3 (0.7%)	8 (1.9%)
	429	429
Causes of death	Plaques	Controls
Lung cancer	19	4
Mesothelioma	23	0
G. I. cancer	7	4
All other cancer	13	7
Ischemic heart disease	34	29
Chronic bronchitis	9	9
All other causes	22	21

TABLE 10

X-Ray abnormalities among workers employed
in shipbuilding and ship repair:
analysis by duration from onset of work

Onset of work	Total	NORMAL		ABNORMAL	
		No.	%	No.	%
< 1950	166	81	48.8	85	51.2
1951-1955	198	98	49.5	100	50.5
1956-1960	333	174	52.2	159	47.8
> 1961	303	188	62.0	115	38.0
	1000	541	54.1	459	45.9