

TABLE 11
X-Ray abnormalities among shipyard workers
employed in shipbuilding and ship repair:
major crafts

CATEGORY	Years from onset of shipyard work				
	All groups			20 or more years	
	Number	Number	%	Number	%
All crafts	1000	459	45.9	185	50.8
Painters	82	44	53.7	10/25	40.0
Machinists (outside)	108	58	53.7	12/32	37.5
Pipefitters	121	66	54.5	25/34	73.6
Insulators	73	38	52.0	2/7	28.6
Electricians	104	55	52.9	23/34	67.8
Boilermakers	157	80	51.0	41/84	48.8
Welders	117	42	35.9	25/48	52.1
Carpenters	69	38	55.1	12/33	36.4
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Total	1000	459	45.9	185/364	50.8

ment of cancer of the esophagus. Again, educational programs would be of value.

3. Assessment of the potential for shipyard asbestos disease:

- **Household contact asbestos disease:** while families of asbestos workers are at risk, it is not known whether shipyard workers tended to contaminate their homes with appreciable amounts of asbestos in the past, and whether this has resulted in disease risk. Such

information is required for proper clinical surveillance.

- **Necessary additional data:** appropriate studies of mortality experience, status of retired workers and effects of minimal exposure are required for complete evaluation of the potential for future shipyard asbestos disease. Nevertheless, enough is now known to warrant rapid development of effective medical surveillance programs. Further research can proceed apace. ©

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TABLE 12
X-Ray abnormalities among workers employed
in shipbuilding and ship repair:
less common crafts

	No.	Abnormal	%
Heavy equipment operators	13	8/13	62
Laborers	7	1/7	14
Inside machinists	30	15/30	50
Molders	12	4/12	33
Lead bonders	21	7/21	33
Decontamination technicians	12	5/12	42
Guards w/o previous job in yard	12	3/12	25
Office workers — Draftsmen w/o previous job in yard	37	16/37	43

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