

## PNEUMOCONIOSIS

### PNEUMOCONIOSIS— Coal workers' pneumoconiosis, Round Three, NIOSH National Coal Study, October 1, 1978-December 15, 1980

Years mining	Category*					Total
	0	1	2	3	PMF	
0-9	39,050 98.90%	416 1.05%	14 0.04%	1 0.00%	2 0.00%	39,483
10-19	6,167 93.19%	424 6.41%	22 0.33%	1 0.02%	4 0.06%	6,618
20-29	2,228 82.40%	410 15.16%	52 1.92%	5 0.19%	9 0.33%	2,704
30-39	2,094 71.74%	628 21.51%	130 4.45%	9 0.31%	58 1.99%	2,919
40+	369 66.61%	135 24.37%	32 5.78%	4 0.72%	14 2.53%	554
Total	49,908 95.47%	2,013 3.85%	250 0.48%	20 0.04%	87 0.17%	52,278

\*0 — Absence of small opacities.

1 — Small opacities definitely present, but normal lung marking still visible.

2 — Numerous opacities, but normal lung marking still visible.

3 — Numerous opacities and normal lung marking partially or totally obscured.

PMF — Progressive massive fibrosis.

The National Institute of Occupational Safety and Health (NIOSH) has recently completed the third round of the National Coal Study (NCS), a longitudinal epidemiologic study of coal miners. The overall prevalence of coal workers' pneumoconiosis (CWP) in the third round was 5%, and the pattern of results was very similar to that seen in rounds 1 and 2. NIOSH is examining the incidence and progression of CWP among miners who participated in both the first and third rounds.

Data from the surveillance program should be interpreted cautiously. First, there were inconsistencies in the x-ray readings. In addition, the low participation and limited period of study tend to reduce reported prevalences. On the other hand, merits of these surveys include attention to specific groups of interest; the follow-up of ex-miners, thus eliminating any "healthy worker effect"; and the improvement in participation resulting from personal involvement rather than group contact.

CENTERS FOR DISEASE CONTROL

**MMWR**

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# ANNUAL SUMMARY 1981



Reported Morbidity & Mortality  
in the United States

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES / PUBLIC HEALTH SERVICE

The annual statistical summary is published as the last issue in each volume of the *Morbidity and Mortality Weekly Report* by the Centers for Disease Control, Public Health Service, U.S. Department of Health and Human Services, Atlanta, Georgia 30333.

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