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| Disease | Basic Search | *Optional Exposure-Related Search Terms that Might be Considered* |
| Asthma | (asthma[MeSH Terms]) AND (occupation\*[All Fields] OR worker\*[All Fields] OR work-related\*[All Fields]) *AND (population attributable\*[All Fields] OR population based\*[All Fields] OR case series)\*[All Fields])* | OR (HMW [All Fields] OR LMW [All Fields] OR Grain[All Fields] OR endotoxin[All Fields] OR Weld [All Fields] OR Cotton [All Fields] OR Flour[All Fields] OR Isocyanate\*[All Fields] OR Acrylate\*[All Fields] OR Epoxy[All Fields] OR Persulfate\*[All Fields] OR VGDF[All Fields] OR VDGF[All Fields] OR “wood dust”[All Fields] OR Epoxy[All Fields] OR Fume\*[All Fields] OR Gas[All Fields]) |
| COPD | ("pulmonary disease, chronic obstructive"[MeSH Terms]) AND (occupation\*[All Fields] OR worker\*[All Fields] OR work-related\*[All Fields]) AND (population attributable\*[All Fields] OR population based\*[All Fields] OR case series)\*[All Fields]) | OR (Silica OR Grain[All Fields] OR Coal[All Fields] OR Endotoxin[All Fields] OR Diesel[All Fields] OR Dust[All Fields] Weld\*[All Fields] OR Cadmium[All Fields] OR Cotton[All Fields] OR Flour[All Fields] OR Mineral[All Fields] OR fibres[All Fields] OR Fume\*[All Fields] OR Gas[All Fields] OR VGDF[All Fields] OR VDGF[All Fields]) |
| IPF and other interstitial pneumonias | *(“idiopathic pulmonary fibrosis"[MeSH Terms] OR “pulmonary fibrosis"[MeSH Terms] AND (occupation\*[All Fields] OR worker\*[All Fields] OR work-related\*[All Fields]) AND (population attributable\*[All Fields] OR population based\*[All Fields] OR case series\*[All Fields] OR Cohort\*[All Fields])* | *OR (VGDF[All Fields] OR dust[All Fields] OR fume\*[All Fields] OR gas[All Fields])* |
| Granulomatous non-infectious disease | *(“*[*Alveolitis, Extrinsic Allergic*](http://www.ncbi.nlm.nih.gov/mesh/68000542)*"[MeSH Terms] OR “*[*Granulomatosis with Polyangiitis*](http://www.ncbi.nlm.nih.gov/mesh/68014890)*” "[MeSH Terms] OR “*[*Histiocytosis, Langerhans-Cell*](http://www.ncbi.nlm.nih.gov/mesh/68006646)*"[MeSH Terms] OR “*[*Sarcoidosis, Pulmonary*](http://www.ncbi.nlm.nih.gov/mesh/68017565)*” "[MeSH Terms]) AND (occupation\*[All Fields] OR worker\*[All Fields] OR work-related\*[All Fields]) AND (population attributable\*[All Fields] OR population based\*[All Fields] OR case series\*[All Fields] OR Cohort\*[All Fields] )* | *OR (VGDF[All Fields] OR dust[All Fields] OR fume\*[All Fields] OR gas[All Fields])* |
| Respiratory Infections | *(“Respiratory Tract Infections"[MeSH Terms] OR “Pneumonia, Bacterial "[MeSH Terms]) AND (occupation\*[All Fields] OR worker\*[All Fields] OR work-related\*[All Fields] AND (population attributable\*[All Fields] OR population based\*[All Fields] OR case series\*[All Fields] OR Cohort\*[All Fields])* | *OR (VGDF[All Fields] OR dust[All Fields] OR fume\*[All Fields] OR gas[All Fields])*  Additional comment: *Bacterial pneumonia, TB, other infections. The PAF estimates for this topic will vary in robustness by the outcome and various disease prevalence, presumptively.* |
| Note: “Cohort” added to final three because of limited literature. Use of “” surrounding “population attributable” “population based” and “case series” will reduce the n identified but seems to exclude some studies of potential relevance. The dash [ –] as in population-attributable is not needed. | | |