Table. Case-control studies addressing occupational exposures and idiopathic pulmonary fibrosis.

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| **ANY DUST** |  |  |  |  |
| First author, year | Cases exposed  n/N (%) | OR or PMR  (95% CI) | PAR | Notes |
| Scott, 1990 | 27/40 (68) | 1.32 (0.84-2.04) | 16% | controls matched for age and sex |
| Iwai, 1994 | n/615 (%) | 2.0 (1.16-3.08) | x% | autopsy; includes acute, chronic, and unknown time course cases; dust and organic solvent vapor related jobs; non-respiratory death controls matched for sex, age, residential area |
| Mullen, 1998 | 6/15 (40) | 2.37 (0.67-8.44) | 23% | controls matched for age and sex |
| Miyake, 2005 | 33/102 (32) | 5.61 (2.12-17.89) | 26% | adjusted for age, sex, and region |
| Gustafson, 2007 | 86/140 (61) | 1.1 (0.71-1.72) | 6% | “any occupational exposure”; stratified by sex, year of diagnosis, birth year, and smoking |
| Garcia-Sancho Figueroa, 2010 | 55/97 (57) | 1.2 (0.8-1.9) | 10% | matching criteria not mentioned; controls with resp disease |
| Garcia-Sancho, 2011 | 77/100 (77) | 2.8 (1.5-5.5) | 50% | “dusts/smokes/gases or chemicals”; healthy controls matched for residence, age, sex, ethnic origin; adjusted for other predictive variables (fam hx, former smoker, GERD, DM2) |

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| **METAL DUST** |  |  |  |  |
| First author, year | Cases exposed  n/N (%) | OR or PMR  (95% CI) | PAR | Notes |
| Scott, 1990 | 6/40 (15) | 10.97 (2.30-52.4) | 14% | controls matched for age and sex |
| Iwai, 1994 | n/86 (%) | 1.34 (1.14-1.59) | x% | Cd, Cr, Pb, Zn metal production and mine workers; healthy controls matched for sex, age, residential area |
| Hubbard, 1996 | 54/218 (25) | 1.68 (1.07-2.65) | 10.3% | questionnaire; adjusted for smoking and exposure to wood dust; PAR reported by authors |
| Hubbard 2000 | 13/22 (59) | 1.08 (0.44-2.65) | 4% | adjusted for age and sex; mortality study |
| Baumgartner 2000 | 25/248 (10) | 2.0 (1.0-4.0) | 5% | adjusted for age and smoking |
| Miyake 2005 | 12/102 (12) | 9.55 (1.68-181.12) | 11% | adjusted for age, sex, and region |
| Gustafson 2007 | 25/140 (18) | 0.9 (0.51-1.59) | N/A | stratified by sex, year of diagnosis, birth year, and smoking |
| Awadalla 2012 | 17/95 (18) | 1.58 (0.69-3.61) | 7% | men; adjusted for age, residence, smoking |
| Paolocci, 2013 | 9/65 (14) | 2.80 (1.08-7.23) | 9% | adjusted for age, gender, smoking |

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| **WOOD DUST** |  |  |  |  |
| First author, year | Cases exposed  n/N (%) | OR or PMR  (95% CI) | PAR | Notes |
| Scott, 1990 | 6/40 (15) | 2.94 (0.87-9.90) | 10% | controls matched for age and sex |
| Hubbard, 1996 | 30/218 (14) | 1.71 (1.01-2.92) | 5.3% | questionnaire; adjusted for smoking and exposure to metal dust; PAR reported by authors |
| Mullen, 1998 | 2/15 (13) | 3.30 (0.42-25.8) | 9% | controls matched for age and sex |
| Baumgartner, 2000 | 20/244 (8) | 1.6 (0.8-3.3) | 3% | adjusted for age and smoking |
| Miyake, 2005 | 5/102 (5) | undefined | undefined | no cases in controls |
| Gustafson, 2007 | 22/140 (16) | 1.2 (0.65-2.23) | 3% | stratified by sex, year of diagnosis, birth year, and smoking |
| Awadalla, 2012 | 14/95 (15) | 2.56 (1.02-7.01) | 9% | men; adjusted for age, residence, smoking |
| Awadalla, 2012 | 8/106 (8) | 3.48 (0.67-18.16) | 8% | women; adjusted for age, residence, smoking |
| Paolocci, 2013 | 5/65 (8) | 1.11 (0.37-3.31) | 1% | softwood dust; adjusted for age, gender, smoking |
| Paolocci, 2013 | 4/65 (6) | 0.86 (0.26-2.78) | N/A | hardwood dust; adjusted for age, gender, smoking |

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| **AGRICULTURAL** |  |  |  |  |
| First author, year | Cases exposed  n/N (%) | OR or PMR  (95% CI) | PAR | Notes |
| Scott, 1990 | 5/40 (13) | 10.89 (1.24-96.0) | 12% | cattle exposure; controls matched for age and sex |
| Iwai, 1994 | n/86 (%) | 3.01 (1.29-7.43) | x% | agricultural area residence; healthy controls matched for sex, age, residential area |
| Baumgartner, 2000 | 25/240 (10) | 2.7 (1.3-5.5) | 6% | cattle/livestock (subset of farming); adjusted for age and smoking |
| Baumgartner, 2000 | 44/240 (18) | 1.6 (1.0-2.5) | 7% | farming; adjusted for age and smoking |
| Miyake, 2005 | 7/102 (7) | 0.55 (0.16-1.89) | N/A | farming, fishing, or forestry; adjusted for age, sex, and region |
| Awadalla, 2012 | 20/95 (21) | 1.00 (0.44-2.28) | N/A | men; adjusted for age, residence, smoking |
| Awadalla, 2012 | 22/106 (21) | 3.34 (1.17-10.12) | 15% | women; adjusted for age, residence, smoking |