Table 1; COPD studies summarised

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| **Author and date** | **OR (95% CI).**  **PAF for COPD;** significant (SIG, not significant (NS) | **Numbers of cases, non-cases, participants where available** | **Definition of COPD** | **Exposure**  **Stratified by** |
| Hutchings 2016 | 11.5% overall (1.3%-36.3%), SIG  18.7% for males  8.0% for females | Proportion of population exposed;  25.5% for males  10.8% for females | Pre BD | Self-reported  JEM |
| Paulin 2015 | OR 1.44 (1.04-1.97)  12.0%, SIGa | 721 cases  354 non cases | Post BD | JEM |
| Lee 2015 | 2.6 (1.3-5.3)  18.3%, never smokers, SIGb | 39 cases in manual labour, 131 in occupational subgroup | Pre BD | Job title |
| Würtz 2015a | 3.7, (1.4-10.0)  48.0%, never smokers, SIGc | 23 cases  1463 non cases | Pre BD | Self-reported  Expert judgement |
| Würtz 2015b | 1.38 (0.99-1.93)  12.3%, NSd | 2330 non exposed, 1351 high exposure, 279 cases in all groups of exposure | Pre BD | Self-reported  Expert-judgement |
| Toren 2014 | RR 1.3 (1.2-1.5)  24.0% for all workers, SIG  RR 2.1 (1.2-3.8)  53% for never smoking workers, SIGe | 1085 deaths from COPD | Other (death certification from COPD) | JEM |
| Hansell 2014 | 1.07 (0.64 – 1.81)  4.3%, NSf | 83 cases, 665 non cases | Pre BD | JEM |
| De Jong 2014 | 1.41 (1.16-1.7)  6.4%, SIGg | 1176 cases, 6690 non cases | Pre BD | JEM |
| Pallasaho 2014 | OR=2.1 (1.5-3.0)  23.6%, SIGh | 140 cases  4162 non cases | Self-reported | Self-reported  Job Title |
| Scholes 2014 | OR 1.61 (1.13-2.31).  9.4%, SIGi | 7879 participants, 2.8% were cases | Pre BD | Self-reported |
| Mehta 2012 | OR -  23%, NS for LLN stage II+ COPDj | 520 GOLD 1 cases, 57 GOLD 2+ cases, 3321 non cases | Pre BD | JEM |
| Mazitova 2012 | OR 5.9 (3.6-9.8)  65.3%, SIGk | 1375 participants, 105 cases | Post BD | Self-reported  Exposure information |
| Lam 2012 | OR -  10.4%, NSl | 396 cases, 6819 non cases | Pre BD | Self-reported |
| Darby 2012 | OR 3.9 (2.7-5.8)  58.7% (45.6% to 68.7), SIGm | 216 cases, 1754 participants | Pre BD | Self-reported |
| Govender 2011 | OR 5.9 (2.6 to 13.2)  25%, SIG | 110 cases, 102 non cases | Doctor diagnosed | JEM |
| Idolor 2011 | OR 1.16 (0.79-1.69)  5.3%, NSn | 141 cases, 518 non cases | Post BD | Self-reported |
| Melville 2010 | 39.6%o | 15% of males and 7% of females (10% overall) were cases, 845 participants | Post BD | Self-reported |
| Blanc 2009a | OR 2.1 (1.6-2.8)  31.0%, SIG | 742 cases, 302 non cases | Pre BD | Self-reported  JEM |
| Blanc 2009 | OR 2.5, (1.9 to 3.4)  32.0%, SIG | 233 cases, 1709 non cases | Self-reported | Self-reported  JEM |
| Bang 2009 | 12.2% (12.1-12.5), SIGp | 5134 COPD cases, 122490 non-COPD | Self-reported | JEM |
| Zhong 2007 | OR 1.2 (1.0-1.4)  4.0%, SIGq | 838 cases, 9973 non cases | Post BD | Self-reported |
| Lamprecht 2007 | OR 1.8, (1.2–2.8)?  7.7%, SIGr | 304 cases, 954 non-cases [119 GOLD II or higher cases] | Post BD | Self-reported |
| Jaén 2006 | 1.2 (0.7-2.2)  9.0%, NSs | 26 males (10.4%) and 10 females (4.1%) cases | Post BD | Self-reported |
| Lindberg 2005 | 1.8 (0.8-4.0)  15.0%, NS | 127/982 (GOLD); 83/1026 (BTS) | Pre BD | Job Title |
| Matheson 2005 | OR 2.7 (1.4-5.2)  37%, SIGt | 226 mild airways obstruction, 83 moderate, 42 with study defined COPD. | Pre BD | Self-reported  JEM |
| Sunyer 2005 | Males OR 1.01 (0.3-4.1)  Females OR 1.1 (0.2-8.8)  Males 0%, NS  Females 1%, NS | Males : 221/2981 (among them 61 new cases in the follow-up); Females 148/3131 (among them 52 new cases in the follow-up) | Pre BD | JEM |
| De Marco 2004 | OR 1.47 (1.31-1.65)  17.4, SIGu | 1751 cases, 12567 non cases | Pre BD | Self-reported |
| Bergdahl 2004 | OR 1.1 (1.03-1.2)  11.0%, SIG | 523 cases, 200212 non cases | Death Certification | JEM |
| Hnizdo 2004 | 22.2% (9.1-33.4), SIG | 911 cases, 9152 participants | Pre BD | Self-reported |
| Trupin 2003 | 2.0 (1.6-2.5)  20.0%, SIG | 377 cases, 1555 non cases | Self-reported | Self-reported |
| Hnizdo 2002 | OR 1.4 (1.0-2.0)  15.0%, SIG | 693 cases, 9130 non cases | Pre BD | JEM |
| Mak 2001 | OR 1.8 (1.1-2.9)  30%, SIG | 67 cases | Pre BD | Self-reported |