|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Supplemental Table I.** International Classification of Diseases diagnostic codes used in mortality studies | | | | |
| **Cohort and Reference** | **ICD Revision** | **NMRD** | **COPD** | **Other** |
|  |  |  |  |  |
| A — Frentzel-Beyme, et al. (1978) | Not reported | 460–519 | Bronchitis: 490–491 | Asthma: 493; pneumonopathy: 517–519 |
|  |  |  |  |  |
| B — Marsh, et al. (2001) | 8th | NMRD excluding influenza and pneumonia: 460–469, 475–479, 487–519 | — | — |
|  |  |  |  |  |
| C — Ott, et al. (1980) | Not reported | Bronchitis, emphysema, and asthma: not reported | — | — |
|  |  |  |  |  |
| C — Bond, et al. (1992) | 8th | 460–519 | Emphysema: 492 | — |
|  |  |  |  |  |
| D — Bond, et al. (1985) | 8th | 460–519 | Emphysema: 492 | — |
|  |  |  |  |  |
| D — Olsen, et al. (1994) | 9th | 460–519 | Emphysema: 492 | — |
|  |  |  |  |  |
| D — Burns and Carson (2003) | ICD revision in effect at time of death | Not reported | — | — |
|  |  |  |  |  |
| E — Nicholson, et al. (1978) | Not reported | Not reported | — | — |
|  |  |  |  |  |
| F — Meinhardt, et al. (1982) | 7th | 470–527 | — | — |
|  |  |  |  |  |
| G — Matanoski and Schwartz (1987) | Not reported | Not reported | — | — |
|  |  |  |  |  |
| G — Matanoski, et al. (1990) | Not reported | Not reported | — | — |
|  |  |  |  |  |
| G — Sathiakumar, et al. (1998) | 8th | Not reported | — | — |
|  |  |  |  |  |
| G — Sathiakumar and Delzell (2009) | ICD revision in effect at time of death | Not reported | — | — |
|  |  |  |  |  |
| H — Welp, et al. (1996) | 9th | 460–519 | Bronchitis, emphysema, and asthma: 490–493 | — |
|  |  |  |  |  |
| I — Hodgson and Jones (1985) | 8th | 460–519 | — | — |
|  |  |  |  |  |
| J — Coggon, et al. (1987) | 9th | 460–519 | — | — |
|  |  |  |  |  |
| J — Coggon, et al. (2015) | 9th (deaths occurring <2001); 10th (deaths occurring ≥2001) | 460–519 | — | — |
|  |  |  |  |  |
| K — Wong, et al. (1990) | 7th | 470–527 | Emphysema: 527 | — |
|  |  |  |  |  |
| K — Wong, et al. (1994, 1999) | ICD revision in effect at time of death | Not reported | Bronchitis, emphysema, and asthma: not reported | — |
|  |  |  |  |  |
| K — Collins, et al. (2013) | ICD revision in effect at time of death | J00–J99 | Bronchitis, emphysema, and asthma: J40–J46 | Emphysema: J43 |
|  |  |  |  |  |
| L — Okun, et al. (1985) | Not reported | Not reported | — | — |
|  |  |  |  |  |
| L — Ruder, et al. (2004) | ICD revision in effect at time of death | 460–466, 470–478, 480–587, 490–519 | — | Pneumoconiosis and other respiratory diseases: 470–478, 494–519 |
|  |  |  |  |  |
| L — Ruder, et al. (2016) | ICD revision in effect at time of death | Not reported | Not reported | Other respiratory diseases: not reported |
|  |  |  |  |  |
| M — Cowles, et al. (1994) | 8th | 460–519 | — | — |
|  |  |  |  |  |

Abbreviations: COPD, chronic obstructive pulmonary disease; ICD, International Classification of Diseases; NMRD, non-malignant respiratory disease