Supplementary Table 2. Observed deaths, relative risks, and 90 % CIs by category of items (Entry date: two years after the date of the questionnaire response).

|  |  |  |
| --- | --- | --- |
| Items | Category | Causes of death |
|  |  | All noncancers | 　 | Circulatorydiseases | 　 | Cardiovasculardiseases | 　 | Cerebrovasculardiseases | 　 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 　 | 　 | Obs.a | RR | 95% CI | 　 | Obs.a | RR | 95% CI | 　 | Obs.a | RR | 95% CI | 　 | Obs.a | RR | 95% CI | 　 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Observed death | 　 | 959 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 498 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 318 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 177 | 　 | 　 | 　 | 　 | 　 | 　 | 　 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Smoking | 0 (Never, refb) | 124 | 1.00  |  |  |  |  |  |  | 72 | 1.00  |  |  |  |  |  |  | 42 | 1.00  |  |  |  |  |  |  | 30 | 1.00  |  |  |  |  |  |  |
| (Packyears) | Former smoker | 352 | 1.29  | ( | 1.04  | - | 1.61  | ) |  | 164 | 1.07  | ( | 0.79  | - | 1.44  | ) |  | 109 | 1.17  | ( | 0.79  | - | 1.74  | ) |  | 54 | 0.89  | ( | 0.55  | - | 1.42  | ) |  |
|  | >0- | 45 | 2.20  | ( | 1.55  | - | 3.13  | ) |  | 22 | 1.92  | ( | 1.18  | - | 3.15  | ) |  | 13 | 1.88  | ( | 0.99  | - | 3.57  | ) |  | 9 | 1.96  | ( | 0.91  | - | 4.21  | ) |  |
|  | 20-  | 192 | 1.86  | ( | 1.46  | - | 2.37  | ) |  | 100 | 1.63  | ( | 1.17  | - | 2.28  | ) |  | 64 | 1.77  | ( | 1.15  | - | 2.73  | ) |  | 36 | 1.42  | ( | 0.84  | - | 2.39  | ) |  |
|  | 40- | 182 | 1.86  | ( | 1.45  | - | 2.39  | ) |  | 105 | 1.95  | ( | 1.40  | - | 2.71  | ) |  | 65 | 2.07  | ( | 1.35  | - | 3.18  | ) |  | 38 | 1.66  | ( | 0.99  | - | 2.77  | ) |  |
|  | 60+ | 64 | 1.49  | ( | 1.08  | - | 2.05  | ) |  | 35 | 1.44  | ( | 0.94  | - | 2.22  | ) |  | 25 | 1.66  | ( | 0.97  | - | 2.82  | ) |  | 10 | 1.09  | ( | 0.52  | - | 2.28  | ) |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Alcohol consumption | 0 (Never, refb) | 190 | 1.00  |  |  |  |  |  |  | 100 | 1.00  |  |  |  |  |  |  | 63 | 1.00  |  |  |  |  |  |  | 36 | 1.00  |  |  |  |  |  |  |
|  (Ethanol / day (g)) | Former drinker | 213 | 1.79  | ( | 1.44  | - | 2.21  | ) |  | 106 | 1.83  | ( | 1.37  | - | 2.46  | ) |  | 70 | 1.97  | ( | 1.36  | - | 2.85  | ) |  | 35 | 1.67  | ( | 1.01  | - | 2.76  | ) |  |
|  | >0  | 227 | 0.75  | ( | 0.61  | - | 0.93  | ) |  | 114 | 0.74  | ( | 0.55  | - | 1.00  | ) |  | 68 | 0.71  | ( | 0.49  | - | 1.04  | ) |  | 45 | 0.80  | ( | 0.50  | - | 1.29  | ) |  |
|  | 20- | 155 | 1.05  | ( | 0.82  | - | 1.33  | ) |  | 88 | 1.10  | ( | 0.79  | - | 1.51  | ) |  | 60 | 1.18  | ( | 0.78  | - | 1.78  | ) |  | 28 | 1.01  | ( | 0.57  | - | 1.77  | ) |  |
|  | 40- | 85 | 1.10  | ( | 0.81  | - | 1.48  | ) |  | 45 | 1.10  | ( | 0.72  | - | 1.68  | ) |  | 28 | 1.15  | ( | 0.68  | - | 1.96  | ) |  | 17 | 1.06  | ( | 0.54  | - | 2.09  | ) |  |
|  | 60+ | 89 | 0.97  | ( | 0.73  | - | 1.29  | ) |  | 45 | 0.86  | ( | 0.58  | - | 1.28  | ) |  | 29 | 0.87  | ( | 0.53  | - | 1.42  | ) |  | 16 | 0.89  | ( | 0.47  | - | 1.69  | ) |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Health consciousness | Good (refb) | 374 | 1.00  |  |  |  |  |  |  | 192 | 1.00  |  |  |  |  |  |  | 126 | 1.00  |  |  |  |  |  |  | 65 | 1.00  |  |  |  |  |  |  |
|  | Medium | 532 | 0.87  | ( | 0.76  | - | 1.001  | ) |  | 281 | 0.88  | ( | 0.73  | - | 1.08  | ) |  | 173 | 0.82  | ( | 0.64  | - | 1.05  | ) |  | 106 | 1.00  | ( | 0.72  | - | 1.38  | ) |  |
|  | Bad | 53 | 0.85  | ( | 0.62  | - | 1.15  | ) |  | 25 | 0.76  | ( | 0.49  | - | 1.18  | ) |  | 19 | 0.91  | ( | 0.55  | - | 1.51  | ) |  | 6 | 0.49  | ( | 0.19  | - | 1.24  | ) |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Frequency of  | Every year (refb) | 601 | 1.00  |  |  |  |  |  |  | 315 | 1.00  |  |  |  |  |  |  | 209 | 1.00  |  |  |  |  |  |  | 104 | 1.00  |  |  |  |  |  |  |
|  medical examination | Sometimes | 218 | 1.40  | ( | 1.19  | - | 1.65  | ) |  | 117 | 1.50  | ( | 1.19  | - | 1.87  | ) |  | 65 | 1.30  | ( | 0.97  | - | 1.75  | ) |  | 52 | 1.89  | ( | 1.32  | - | 2.69  | ) |  |
|  | Almost never | 140 | 1.50  | ( | 1.23  | - | 1.83  | ) |  | 66 | 1.40  | ( | 1.05  | - | 1.86  | ) |  | 44 | 1.40  | ( | 0.98  | - | 2.00  | ) |  | 21 | 1.37  | ( | 0.82  | - | 2.28  | ) |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Breakfast intake | Everyday (refb) | 808 | 1.00  |  |  |  |  |  |  | 421 | 1.00  |  |  |  |  |  |  | 263 | 1.00  |  |  |  |  |  |  | 155 | 1.00  |  |  |  |  |  |  |
|  | Sometimes | 112 | 1.56  | ( | 1.26  | - | 1.92  | ) |  | 59 | 1.54  | ( | 1.15  | - | 2.05  | ) |  | 43 | 1.76  | ( | 1.25  | - | 2.47  | ) |  | 16 | 1.17  | ( | 0.68  | - | 2.01  | ) |  |
|  | Almost never | 39 | 1.11  | ( | 0.79  | - | 1.56  | ) |  | 18 | 0.92  | ( | 0.56  | - | 1.52  | ) |  | 12 | 1.02  | ( | 0.56  | - | 1.85  | ) |  | 6 | 0.78  | ( | 0.31  | - | 1.95  | ) |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sleep | Well (refb) | 506 | 1.00  |  |  |  |  |  |  | 274 | 1.00  |  |  |  |  |  |  | 172 | 1.00  |  |  |  |  |  |  | 101 | 1.00  |  |  |  |  |  |  |
|  | Sometimes not well | 370 | 1.14  | ( | 0.99  | - | 1.31  | ) |  | 183 | 1.02  | ( | 0.84  | - | 1.24  | ) |  | 118 | 1.01  | ( | 0.79  | - | 1.29  | ) |  | 64 | 1.03  | ( | 0.75  | - | 1.42  | ) |  |
|  | Not well | 83 | 1.99  | ( | 1.57  | - | 2.54  | ) |  | 41 | 1.90  | ( | 1.36  | - | 2.67  | ) |  | 28 | 1.99  | ( | 1.32  | - | 3.01  | ) |  | 12 | 1.59  | ( | 0.86  | - | 2.95  | ) |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BMI | <18.5 | 97 | 2.11  | ( | 1.69  | - | 2.65  | ) |  | 34 | 1.42  | ( | 0.98  | - | 2.06  | ) |  | 19 | 1.25  | ( | 0.76  | - | 2.04  | ) |  | 14 | 1.67  | ( | 0.93  | - | 2.98  | ) |  |
|  | 18.5-<25 (refb) | 650 | 1.00  |  |  |  |  |  |  | 348 | 1.00  |  |  |  |  |  |  | 217 | 1.00  |  |  |  |  |  |  | 129 | 1.00  |  |  |  |  |  |  |
|  | 25- | 185 | 0.99  | ( | 0.84  | - | 1.16  | ) |  | 100 | 0.96  | ( | 0.76  | - | 1.20  | ) |  | 72 | 1.10  | ( | 0.84  | - | 1.44  | ) |  | 28 | 0.74  | ( | 0.48  | - | 1.12  | ) |  |
|  | 30+ | 27 | 1.84  | ( | 1.24  | - | 2.74  | ) |  | 16 | 2.00  | ( | 1.20  | - | 3.32  | ) |  | 10 | 1.88  | ( | 0.99  | - | 3.60  | ) |  | 6 | 2.20  | ( | 0.96  | - | 5.05  | ) |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Job category | Design & research (refb) | 55 | 1.00  |  |  |  |  |  |  | 29 | 1.00  |  |  |  |  |  |  | 22 | 1.00  |  |  |  |  |  |  | 7 | 1.00  |  |  |  |  |  |  |
|  | Radiological management | 128 | 1.11  | ( | 0.79  | - | 1.57  | ) |  | 58 | 0.90  | ( | 0.55  | - | 1.46  | ) |  | 37 | 0.74  | ( | 0.42  | - | 1.31  | ) |  | 20 | 1.36  | ( | 0.52  | - | 3.51  | ) |  |
|  | Operation & investigation | 97 | 1.28  | ( | 0.89  | - | 1.85  | ) |  | 50 | 1.26  | ( | 0.76  | - | 2.10  | ) |  | 30 | 1.02  | ( | 0.56  | - | 1.88  | ) |  | 19 | 2.03  | ( | 0.77  | - | 5.35  | ) |  |
|  | Maintenance | 679 | 1.36  | ( | 0.98  | - | 1.89  | ) |  | 361 | 1.42  | ( | 0.90  | - | 2.24  | ) |  | 229 | 1.26  | ( | 0.74  | - | 2.13  | ) |  | 131 | 1.95  | ( | 0.80  | - | 4.74  | ) |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Job Position | Management (refb) | 162 | 1.00  |  |  |  |  |  |  | 87 | 1.00  |  |  |  |  |  |  | 57 | 1.00  |  |  |  |  |  |  | 30 | 1.00  |  |  |  |  |  |  |
|  | Technical advisor | 92 | 1.09  | ( | 0.80  | - | 1.48  | ) |  | 48 | 0.95  | ( | 0.63  | - | 1.43  | ) |  | 33 | 0.96  | ( | 0.59  | - | 1.59  | ) |  | 14 | 0.83  | ( | 0.39  | - | 1.75  | ) |  |
|  | Group leader | 373 | 1.22  | ( | 0.95  | - | 1.56  | ) |  | 185 | 1.02  | ( | 0.73  | - | 1.43  | ) |  | 118 | 1.07  | ( | 0.71  | - | 1.62  | ) |  | 66 | 0.93  | ( | 0.53  | - | 1.61  | ) |  |
|  | Staff | 332 | 1.23  | ( | 0.97  | - | 1.56  | ) |  | 178 | 0.98  | ( | 0.70  | - | 1.35  | ) |  | 110 | 0.99  | ( | 0.66  | - | 1.48  | ) |  | 67 | 0.94  | ( | 0.55  | - | 1.61  | ) |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Years of education | 13+ years (refb) | 175 | 1.00  |  |  |  |  |  |  | 85 | 1.00  |  |  |  |  |  |  | 65 | 1.00  |  |  |  |  |  |  | 19 | 1.00  |  |  |  |  |  |  |
|  | 10-12 years | 358 | 0.99  | ( | 0.81  | - | 1.20  | ) |  | 191 | 1.08  | ( | 0.82  | - | 1.42  | ) |  | 125 | 0.94  | ( | 0.68  | - | 1.31  | ) |  | 65 | 1.56  | ( | 0.90  | - | 2.72  | ) |  |
|  | <10 years | 426 | 1.14  | ( | 0.92  | - | 1.41  | ) |  | 222 | 1.27  | ( | 0.94  | - | 1.71  | ) |  | 128 | 0.94  | ( | 0.66  | - | 1.35  | ) |  | 93 | 2.35  | ( | 1.32  | - | 4.19  | ) |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Radiation | <5 mSv (refb) | 421 | 1.00  |  |  |  |  |  |  | 209 | 1.00  |  |  |  |  |  |  | 127 | 1.00  |  |  |  |  |  |  | 82 | 1.00  |  |  |  |  |  |  |
| (Cumulative dose) | 5- mSv | 60 | 0.92  | ( | 0.70  | - | 1.21  | ) |  | 35 | 1.07  | ( | 0.74  | - | 1.53  | ) |  | 32 | 1.61  | ( | 1.09  | - | 2.39  | ) |  | 3 | 0.23  | ( | 0.07  | - | 0.74  | ) |  |
|  | 10- mSv | 174 | 1.12  | ( | 0.94  | - | 1.34  | ) |  | 94 | 1.24  | ( | 0.96  | - | 1.58  | ) |  | 55 | 1.19  | ( | 0.86  | - | 1.64  | ) |  | 37 | 1.24  | ( | 0.83  | - | 1.84  | ) |  |
|  | 20- mSv | 158 | 0.97  | ( | 0.80  | - | 1.17  | ) |  | 86 | 1.05  | ( | 0.81  | - | 1.36  | ) |  | 58 | 1.19  | ( | 0.87  | - | 1.64  | ) |  | 27 | 0.80  | ( | 0.52  | - | 1.25  | ) |  |
|  | 50- mSv | 96 | 1.17  | ( | 0.93  | - | 1.47  | ) |  | 46 | 1.09  | ( | 0.78  | - | 1.50  | ) |  | 31 | 1.25  | ( | 0.84  | - | 1.87  | ) |  | 15 | 0.84  | ( | 0.48  | - | 1.48  | ) |  |
|  | 100+ msv | 50 | 0.92  | ( | 0.68  | - | 1.24  | ) |  | 28 | 0.96  | ( | 0.64  | - | 1.44  | ) |  | 15 | 0.89  | ( | 0.51  | - | 1.53  | ) |  | 13 | 1.06  | ( | 0.58  | - | 1.94  | ) |  |
| 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 |
| a: The number of the deaths listed in each category were based on pseudo complete data set #1. These were almost similar but slightly different by data set. |  |  |  |  |  |  |  |

Supplementary Table 2. Observed deaths, relative risks, and 90 % CIs by category of items (Entry date: two years after the date of the questionnaire response). (continued)

|  |  |  |
| --- | --- | --- |
| Items | Category | Causes of death |
|  |  | Respiratorydiseases | 　 | Digestivediseases |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 　 | 　 | Obs.a | RR | 95% CI | 　 | Obs.a | RR | 95% CI |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Observed death | 　 | 195 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 79 | 　 | 　 | 　 | 　 | 　 | 　 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Smoking | 0 (Never, refb) | 20 | 1.00  |  |  |  |  |  |  | 4 | 1.00  |  |  |  |  |  |
| (Packyears) | Former smoker | 98 | 1.98  | ( | 1.19  | - | 3.32  | ) |  | 27 | 2.86  | ( | 0.99  | - | 8.22  | ) |
|  | >0- | 7 | 2.22  | ( | 0.91  | - | 5.38  | ) |  | 7 | 8.17  | ( | 2.36  | - | 28.26  | ) |
|  | 20-  | 34 | 2.34  | ( | 1.29  | - | 4.24  | ) |  | 21 | 4.72  | ( | 1.59  | - | 14.05  | ) |
|  | 40- | 24 | 1.58  | ( | 0.84  | - | 2.95  | ) |  | 17 | 4.45  | ( | 1.47  | - | 13.47  | ) |
|  | 60+ | 12 | 1.82  | ( | 0.85  | - | 3.90  | ) |  | 3 | 1.68  | ( | 0.37  | - | 7.68  | ) |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Alcohol consumption | 0 (Never, refb) | 38 | 1.00  |  |  |  |  |  |  | 12 | 1.00  |  |  |  |  |  |
|  (Ethanol / day (g)) | Former drinker | 60 | 2.17  | ( | 1.41  | - | 3.36  | ) |  | 14 | 2.24  | ( | 0.91  | - | 5.50  | ) |
|  | >0  | 49 | 0.72  | ( | 0.45  | - | 1.17  | ) |  | 17 | 1.02  | ( | 0.44  | - | 2.37  | ) |
|  | 20- | 26 | 1.15  | ( | 0.67  | - | 1.97  | ) |  | 15 | 1.57  | ( | 0.64  | - | 3.84  | ) |
|  | 40- | 15 | 0.91  | ( | 0.43  | - | 1.92  | ) |  | 12 | 2.58  | ( | 1.01  | - | 6.58  | ) |
|  | 60+ | 7 | 0.47  | ( | 0.21  | - | 1.08  | ) |  | 9 | 1.68  | ( | 0.63  | - | 4.47  | ) |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Health consciousness | Good (refb) | 82 | 1.00  |  |  |  |  |  |  | 22 | 1.00  |  |  |  |  |  |
|  | Medium | 103 | 0.90  | ( | 0.66  | - | 1.24  | ) |  | 49 | 1.20  | ( | 0.71  | - | 2.05  | ) |
|  | Bad | 10 | 0.84  | ( | 0.41  | - | 1.73  | ) |  | 8 | 1.86  | ( | 0.78  | - | 4.42  | ) |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Frequency of  | Every year (refb) | 123 | 1.00  |  |  |  |  |  |  | 51 | 1.00  |  |  |  |  |  |
|  medical examination | Sometimes | 39 | 0.97  | ( | 0.65  | - | 1.43  | ) |  | 17 | 1.32  | ( | 0.74  | - | 2.36  | ) |
|  | Almost never | 33 | 1.57  | ( | 1.03  | - | 2.38  | ) |  | 11 | 1.34  | ( | 0.66  | - | 2.72  | ) |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Breakfast intake | Everyday (refb) | 168 | 1.00  |  |  |  |  |  |  | 60 | 1.00  |  |  |  |  |  |
|  | Sometimes | 24 | 1.97  | ( | 1.24  | - | 3.13  | ) |  | 12 | 1.70  | ( | 0.88  | - | 3.30  | ) |
|  | Almost never | 3 | 0.63  | ( | 0.20  | - | 2.02  | ) |  | 7 | 1.77  | ( | 0.76  | - | 4.09  | ) |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sleep | Well (refb) | 95 | 1.00  |  |  |  |  |  |  | 34 | 1.00  |  |  |  |  |  |
|  | Sometimes not well | 84 | 1.33  | ( | 0.98  | - | 1.80  | ) |  | 34 | 1.56  | ( | 0.96  | - | 2.56  | ) |
|  | Not well | 16 | 1.66  | ( | 0.96  | - | 2.89  | ) |  | 11 | 3.93  | ( | 1.93  | - | 8.00  | ) |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BMI | <18.5 | 39 | 4.02  | ( | 2.75  | - | 5.87  | ) |  | 7 | 1.97  | ( | 0.87  | - | 4.44  | ) |
|  | 18.5-<25 (refb) | 123 | 1.00  |  |  |  |  |  |  | 53 | 1.00  |  |  |  |  |  |
|  | 25- | 28 | 0.90  | ( | 0.59  | - | 1.36  | ) |  | 17 | 1.12  | ( | 0.64  | - | 1.95  | ) |
|  | 30+ | 5 | 1.77  | ( | 0.64  | - | 4.88  | ) |  | 2 | 1.75  | ( | 0.42  | - | 7.26  | ) |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Job category | Design & research (refb) | 12 | 1.00  |  |  |  |  |  |  | 3 | 1.00  |  |  |  |  |  |
|  | Radiological management | 29 | 1.29  | ( | 0.63  | - | 2.65  | ) |  | 9 | 1.53  | ( | 0.40  | - | 5.89  | ) |
|  | Operation & investigation | 16 | 1.03  | ( | 0.45  | - | 2.34  | ) |  | 11 | 2.41  | ( | 0.64  | - | 9.11  | ) |
|  | Maintenance | 138 | 1.11  | ( | 0.56  | - | 2.19  | ) |  | 56 | 2.21  | ( | 0.64  | - | 7.62  | ) |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Job Position | Management (refb) | 29 | 1.00  |  |  |  |  |  |  | 11 | 1.00  |  |  |  |  |  |
|  | Technical advisor | 15 | 1.32  | ( | 0.59  | - | 2.92  | ) |  | 10 | 1.62  | ( | 0.62  | - | 4.23  | ) |
|  | Group leader | 82 | 1.81  | ( | 0.98  | - | 3.35  | ) |  | 32 | 1.38  | ( | 0.56  | - | 3.42  | ) |
|  | Staff | 69 | 1.85  | ( | 1.03  | - | 3.30  | ) |  | 26 | 1.49  | ( | 0.64  | - | 3.47  | ) |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Years of education | 13+ years (refb) | 33 | 1.00  |  |  |  |  |  |  | 21 | 1.00  |  |  |  |  |  |
|  | 10-12 years | 63 | 0.86  | ( | 0.54  | - | 1.36  | ) |  | 27 | 0.60  | ( | 0.33  | - | 1.11  | ) |
|  | <10 years | 99 | 1.08  | ( | 0.67  | - | 1.74  | ) |  | 31 | 0.78  | ( | 0.40  | - | 1.52  | ) |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Radiation | <5 mSv (refb) | 100 | 1.00  |  |  |  |  |  |  | 39 | 1.00  |  |  |  |  |  |
| (Cumulative dose) | 5- mSv | 13 | 0.85  | ( | 0.47  | - | 1.53  | ) |  | 1 | 0.17  | ( | 0.02  | - | 1.24  | ) |
|  | 10- mSv | 30 | 0.77  | ( | 0.51  | - | 1.17  | ) |  | 15 | 1.04  | ( | 0.57  | - | 1.90  | ) |
|  | 20- mSv | 28 | 0.72  | ( | 0.47  | - | 1.10  | ) |  | 14 | 0.92  | ( | 0.49  | - | 1.71  | ) |
|  | 50- mSv | 16 | 0.88  | ( | 0.51  | - | 1.51  | ) |  | 6 | 0.80  | ( | 0.33  | - | 1.91  | ) |
|  | 100+ msv | 8 | 0.72  | ( | 0.34  | - | 1.51  | ) |  | 4 | 0.83  | ( | 0.29  | - | 2.37  | ) |
| 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 |
| a: The number of the deaths listed in each category were based on pseudo complete data set #1. These were almost similar but slightly different by data set. |
| b: Reference category. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |