Adjusted hazard ratio estimates for cancer (any site).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Covariate | level | n | HR | (95% CI) | p | SE |
| Cumulative straight | 0 | 2263 | 1.00 |  |  |  |
|  | >0 to 0.415 | 1066 | 1.02 | (0.94, 1.11) | 0.63 | 0.043 |
|  | >0.415 to 1.98 | 1065 | 0.97 | (0.89, 1.05) | 0.43 | 0.043 |
|  | >1.98 | 1066 | 1.02 | (0.95, 1.11) | 0.57 | 0.040 |
| Cumulative soluble | 0 to 0.05 | 593 | 1.00 |  |  |  |
|  | >0.05 to 4.04 | 1585 | 0.92 | (0.84, 1.02) | 0.12 | 0.051 |
|  | >4.04 to 12.9 | 1641 | 0.97 | (0.88, 1.08) | 0.62 | 0.051 |
|  | >12.9 | 1641 | 0.99 | (0.89, 1.10) | 0.90 | 0.054 |
| Cumulative synthetic | 0 | 3640 | 1.00 |  |  |  |
|  | >0 to 0.337 | 607 | 0.98 | (0.88, 1.09) | 0.69 | 0.052 |
|  | >0.337 to 1.64 | 606 | 0.99 | (0.90, 1.10) | 0.90 | 0.052 |
|  | >1.64 | 607 | 0.96 | (0.87, 1.06) | 0.43 | 0.049 |
| Year | 1941 to 1983 | 1116 | 1.00 |  |  |  |
|  | 1984 to 1993 | 1179 | 1.15 | (1.05, 1.26) | >0.01 | 0.045 |
|  | 1994 to 2000 | 996 | 1.06 | (0.96, 1.17) | 0.21 | 0.050 |
|  | 2001 to 2008 | 1179 | 0.95 | (0.86, 1.06) | 0.35 | 0.053 |
|  | >2008 | 990 | 0.83 | (0.74, 0.93) | >0.01 | 0.060 |
| Year of hire | 1938 to 1948 | 918 | 1.00 |  |  |  |
|  | 1949 to 1952 | 887 | 1.18 | (1.08, 1.30) | >0.01 | 0.048 |
|  | 1953 to 1959 | 1400 | 1.16 | (1.06, 1.27) | >0.01 | 0.045 |
|  | 1960 to 1968 | 1141 | 1.17 | (1.05, 1.30) | >0.01 | 0.053 |
|  | >1968 | 1114 | 1.17 | (1.03, 1.32) | 0.01 | 0.062 |
| Race | White | 2853 | 1.00 |  |  |  |
|  | Black | 1044 | 1.24 | (1.15, 1.35) | >0.01 | 0.042 |
|  | Unknown | 1563 | 1.23 | (1.15, 1.32) | >0.01 | 0.036 |
| Plant | 1 | 1541 | 1.00 |  |  |  |
|  | 2 | 2450 | 0.98 | (0.90, 1.07) | 0.70 | 0.045 |
|  | 3 | 1469 | 0.91 | (0.83, 0.99) | 0.03 | 0.044 |
| Sex | Male | 4891 | 1.00 |  |  |  |
|  | Female | 569 | 0.76 | (0.69, 0.83) | >0.01 | 0.047 |

Adjusted hazard ratio estimates for cancer (any site). Unknown race accounted for by multiple imputation ().

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Covariate | level | n | HR | (95% CI) | p | SE |
| Cumulative straight | 0 | 2263 | 1.00 |  |  |  |
|  | >0 to 0.415 | 1066 | 1.03 | (0.95, 1.12) | 0.44 | 0.043 |
|  | >0.415 to 1.98 | 1065 | 0.96 | (0.89, 1.05) | 0.37 | 0.043 |
|  | >1.98 | 1066 | 1.01 | (0.93, 1.09) | 0.90 | 0.040 |
| Cumulative soluble | 0 to 0.05 | 593 | 1.00 |  |  |  |
|  | >0.05 to 4.04 | 1585 | 0.94 | (0.85, 1.04) | 0.24 | 0.051 |
|  | >4.04 to 12.9 | 1641 | 0.99 | (0.89, 1.09) | 0.80 | 0.051 |
|  | >12.9 | 1641 | 0.96 | (0.87, 1.07) | 0.50 | 0.053 |
| Cumulative synthetic | 0 | 3640 | 1.00 |  |  |  |
|  | >0 to 0.337 | 607 | 0.96 | (0.86, 1.06) | 0.42 | 0.052 |
|  | >0.337 to 1.64 | 606 | 0.98 | (0.88, 1.08) | 0.64 | 0.052 |
|  | >1.64 | 607 | 0.94 | (0.85, 1.03) | 0.17 | 0.049 |
| Year | 1941 to 1983 | 1116 | 1.00 |  |  |  |
|  | 1984 to 1993 | 1179 | 1.13 | (1.04, 1.24) | 0.01 | 0.045 |
|  | 1994 to 2000 | 996 | 1.05 | (0.95, 1.16) | 0.34 | 0.050 |
|  | 2001 to 2008 | 1179 | 0.94 | (0.85, 1.04) | 0.24 | 0.053 |
|  | >2008 | 990 | 0.82 | (0.73, 0.92) | <0.01 | 0.060 |
| Year of hire | 1938 to 1948 | 918 | 1.00 |  |  |  |
|  | 1949 to 1952 | 887 | 1.18 | (1.08, 1.30) | <0.01 | 0.048 |
|  | 1953 to 1959 | 1400 | 1.17 | (1.08, 1.28) | <0.01 | 0.045 |
|  | 1960 to 1968 | 1141 | 1.15 | (1.03, 1.27) | 0.01 | 0.053 |
|  | >1968 | 1114 | 1.08 | (0.96, 1.22) | 0.18 | 0.060 |
| Race | White | 47675.4 | 1.00 |  |  |  |
|  | Black | 8576.6 | 1.20 | (1.11, 1.30) | <0.01 | 0.041 |
| Plant | 1 | 1541 | 1.00 |  |  |  |
|  | 2 | 2450 | 1.03 | (0.94, 1.13) | 0.53 | 0.048 |
|  | 3 | 1469 | 0.91 | (0.83, 1.00) | 0.05 | 0.047 |
| Sex | Male | 4891 | 1.00 |  |  |  |
|  | Female | 569 | 0.76 | (0.69, 0.83) | <0.01 | 0.047 |