Tables

GM-UAW Cohort Study

Table 1a. Population characteristics by race. Statistics shown are count (%) or median (first quartile, third quartile).

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | center | spread | NA | center | spread | NA | center | spread | NA | center | spread |
| Study population size (person-years) | 46,172 | (1,753,038) |  | 29,404 | (1,134,148) |  | 7,719 | (286,458) |  | 9,049 | (332,432.4) |
| Race |  |  |  |  |  |  |  |  |  |  |  |
| White | 29,404 | (64%) |  | 29,404 | (100%) |  | 0 | (0%) |  | 0 | (0%) |
| Black | 7,719 | (17%) |  | 0 | (0%) |  | 7,719 | (100%) |  | 0 | (0%) |
| Unknown | 9,049 | (20%) |  | 0 | (0%) |  | 0 | (0%) |  | 9,049 | (100%) |
| Sex |  |  |  |  |  |  |  |  |  |  |  |
| Male | 41,347 | (90%) |  | 26,623 | (91%) |  | 6,435 | (83%) |  | 8,289 | (92%) |
| Female | 4,825 | (10%) |  | 2,781 | (9%) |  | 1,284 | (17%) |  | 760 | (8%) |
| Plant |  |  |  |  |  |  |  |  |  |  |  |
| Plant 1 | 16,226 | (35%) |  | 9,136 | (31%) |  | 4,818 | (62%) |  | 2,272 | (25%) |
| Plant 2 | 17,207 | (37%) |  | 10,195 | (35%) |  | 1,777 | (23%) |  | 5,235 | (58%) |
| Plant 3 | 12,739 | (28%) |  | 10,073 | (34%) |  | 1,124 | (15%) |  | 1,542 | (17%) |
| Ever exposed to MWFs |  |  |  |  |  |  |  |  |  |  |  |
| Straight | 25,302 | (56%) |  | 16,497 | (58%) |  | 3,741 | (50%) |  | 5,064 | (57%) |
| Soluble | 40,405 | (90%) |  | 25,690 | (90%) |  | 6,752 | (91%) |  | 7,963 | (90%) |
| Synthetic | 14,147 | (31%) |  | 9,541 | (33%) |  | 1,708 | (23%) |  | 2,898 | (33%) |
| Employment status in 1995 |  |  |  |  |  |  |  |  |  |  |  |
| Left work | 35,145 | (76%) |  | 20,431 | (69%) |  | 5,686 | (74%) |  | 9,028 | (99.8%) |
| Still at work | 11,027 | (24%) |  | 8,973 | (31%) |  | 2,033 | (26%) |  | 21 | (0.23%) |
| Deceased by end of follow-up | 27,550 | (60%) |  | 16,329 | (56%) |  | 4,220 | (55%) |  | 7,001 | (77%) |
| ALD | 471 | (1.02%) |  | 266 | (0.90%) |  | 71 | (0.92%) |  | 134 | (1.48%) |
| Suicide | 339 | (0.73%) |  | 224 | (0.76%) |  | 37 | (0.48%) |  | 78 | (0.86%) |
| Overdose | 65 | (0.14%) |  | 37 | (0.13%) |  | 18 | (0.23%) |  | 10 | (0.11%) |
| Years of follow-up | 38.0 | (32.1, 47.0) |  | 38.0 | (34.0, 46.8) |  | 37.4 | (32.7, 45.0) |  | 39.6 | (24.2, 49.5) |
| Year of birth | 1932 | (1916, 1947) |  | 1935 | (1915, 1949) |  | 1939 | (1925, 1950) |  | 1923 | (1913, 1934) |
| Year of hire | 1960 | (1948, 1973) |  | 1965 | (1946, 1975) |  | 1968 | (1953, 1974) |  | 1953 | (1948, 1960) |
| Age at hire (years) | 25.1 | (20.7, 33.1) |  | 24.4 | (20.4, 32.0) |  | 25.4 | (21.3, 32.4) |  | 27.8 | (21.5, 37.5) |
| Year of leaving work | 1981 | (1964, 1994) |  | 1986 | (1970, 1995) |  | 1989 | (1977, 1995) |  | 1963 | (1957, 1970) |
| Age at leaving work (years) | 47.1 | (37.1, 57.5) |  | 48.9 | (39.3, 58.7) |  | 48.1 | (39.3, 57.0) |  | 36.9 | (28.3, 51.9) |
| Years at work | 16.0 | (8.0, 26.9) |  | 20.4 | (11.6, 29.9) |  | 20.1 | (11.1, 27.7) |  | 7.2 | (4.7, 13.2) |
| Year of death among deceased | 1992 | (1977, 2003) |  | 1992 | (1978, 2004) |  | 1996 | (1984, 2006) |  | 1987 | (1973, 2000) |
| Age at death (years) among deceased | 70.9 | (60.8, 79.9) |  | 72.5 | (62.6, 81.0) |  | 67.9 | (57.4, 77.1) |  | 69.3 | (58.9, 78.2) |
| Cumulative exposure to MWFs (mg/my) |  |  |  |  |  |  |  |  |  |  |  |
| Straight | 0.79 | (0.24, 2.90) |  | 0.91 | (0.27, 3.66) |  | 0.69 | (0.20, 2.41) |  | 0.58 | (0.20, 1.61) |
| Soluble | 5.92 | (2.29, 17.35) |  | 6.25 | (2.29, 20.36) |  | 5.30 | (1.87, 16.20) |  | 5.59 | (2.67, 11.38) |
| Synthetic | 0.49 | (0.16, 1.74) |  | 0.49 | (0.17, 1.82) |  | 0.31 | (0.12, 0.87) |  | 0.66 | (0.20, 2.02) |

Table 1b. Population characteristics by race (augmented with data from the BUNMD match and SEER). Statistics shown are count (%) or median (first quartile, third quartile).

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | center | spread | NA | center | spread | NA | center | spread | NA | center | spread |
| Study population size (person-years) | 46,172 | (1,753,038) |  | 31,701 | (1,251,532) |  | 8,133 | (317,060) |  | 6,328 | (222,556) |
| Race |  |  |  |  |  |  |  |  |  |  |  |
| White | 29,404 | (64%) |  | 31,701 | (100%) |  | 0 | (0%) |  | 0 | (0%) |
| Black | 7,719 | (17%) |  | 0 | (0%) |  | 7,719 | (95%) |  | 0 | (0%) |
| Unknown | 9,049 | (20%) |  | 0 | (0%) |  | 414 | (5%) |  | 6,328 | (100%) |
| Sex |  |  |  |  |  |  |  |  |  |  |  |
| Male | 41,347 | (90%) |  | 28,635 | (90%) |  | 6,833 | (84%) |  | 5,872 | (93%) |
| Female | 4,825 | (10%) |  | 3,066 | (10%) |  | 1,300 | (16%) |  | 456 | (7%) |
| Plant |  |  |  |  |  |  |  |  |  |  |  |
| Plant 1 | 16,226 | (35%) |  | 9,598 | (30%) |  | 5,071 | (62%) |  | 1,556 | (25%) |
| Plant 2 | 17,207 | (37%) |  | 11,718 | (37%) |  | 1,922 | (24%) |  | 3,563 | (56%) |
| Plant 3 | 12,739 | (28%) |  | 10,385 | (33%) |  | 1,140 | (14%) |  | 1,209 | (19%) |
| Ever exposed to MWFs |  |  |  |  |  |  |  |  |  |  |  |
| Straight | 25,302 | (56%) |  | 17,739 | (57%) |  | 3,905 | (50%) |  | 3,651 | (59%) |
| Soluble | 40,405 | (90%) |  | 27,733 | (90%) |  | 7,086 | (91%) |  | 5,578 | (90%) |
| Synthetic | 14,147 | (31%) |  | 10,260 | (33%) |  | 1,793 | (23%) |  | 2,090 | (34%) |
| Employment status in 1995 |  |  |  |  |  |  |  |  |  |  |  |
| Left work | 35,145 | (76%) |  | 22,726 | (72%) |  | 6,098 | (75%) |  | 6,311 | (99.7%) |
| Still at work | 11,027 | (24%) |  | 8,975 | (28%) |  | 2,035 | (25%) |  | 17 | (0.27%) |
| Deceased by end of follow-up | 27,550 | (60%) |  | 18,481 | (58%) |  | 4,579 | (56%) |  | 4,482 | (71%) |
| ALD | 471 | (1.02%) |  | 296 | (0.93%) |  | 77 | (0.95%) |  | 97 | (1.53%) |
| Suicide | 339 | (0.73%) |  | 241 | (0.76%) |  | 38 | (0.47%) |  | 60 | (0.95%) |
| Overdose | 65 | (0.14%) |  | 38 | (0.12%) |  | 20 | (0.25%) |  | 7 | (0.11%) |
| Years of follow-up | 38.0 | (32.1, 47.0) |  | 38.5 | (34.0, 47.0) |  | 37.4 | (32.4, 45.0) |  | 36.5 | (20.6, 50.0) |
| Year of birth | 1932 | (1916, 1947) |  | 1933 | (1916, 1948) |  | 1939 | (1925, 1949) |  | 1921 | (1909, 1936) |
| Year of hire | 1960 | (1948, 1973) |  | 1963 | (1947, 1973) |  | 1967 | (1953, 1974) |  | 1953 | (1948, 1960) |
| Age at hire (years) | 25.1 | (20.7, 33.1) |  | 24.5 | (20.4, 32.1) |  | 25.4 | (21.3, 32.4) |  | 29.1 | (21.3, 39.9) |
| Year of leaving work | 1981 | (1964, 1994) |  | 1984 | (1966, 1995) |  | 1988 | (1975, 1995) |  | 1965 | (1957, 1970) |
| Age at leaving work (years) | 47.1 | (37.1, 57.5) |  | 47.9 | (38.2, 58.0) |  | 47.6 | (38.6, 56.7) |  | 39.7 | (28.3, 55.3) |
| Years at work | 16.0 | (8.0, 26.9) |  | 18.4 | (9.7, 29.2) |  | 19.0 | (10.0, 27.2) |  | 7.7 | (4.9, 14.3) |
| Year of death among deceased | 1992 | (1977, 2003) |  | 1993 | (1980, 2004) |  | 1996 | (1985, 2006) |  | 1978 | (1969, 1992) |
| Age at death (years) among deceased | 70.9 | (60.8, 79.9) |  | 72.4 | (62.7, 80.8) |  | 67.8 | (57.4, 77.0) |  | 67.6 | (56.4, 77.8) |
| Cumulative exposure to MWFs (mg/my) |  |  |  |  |  |  |  |  |  |  |  |
| Straight | 0.79 | (0.24, 2.90) |  | 0.86 | (0.26, 3.39) |  | 0.68 | (0.20, 2.33) |  | 0.66 | (0.22, 1.72) |
| Soluble | 5.92 | (2.29, 17.35) |  | 6.05 | (2.30, 19.22) |  | 5.24 | (1.88, 15.77) |  | 6.11 | (2.85, 12.37) |
| Synthetic | 0.49 | (0.16, 1.74) |  | 0.50 | (0.17, 1.82) |  | 0.32 | (0.12, 0.88) |  | 0.73 | (0.21, 2.19) |