

## Supplemental Material

Web Only Table 1. Occupational groups with associated Australian and New Zealand Standard Classification of Occupation (ANZSCO) codes

| Group                      | Included ANZSCO codes   |
|----------------------------|---|
| Farmers                    | 1211-1214 Farmers and Farm Managers   |
| Hospitality                | 1411-1419 Accommodation and Hospitality Managers<br>4311-4319 Hospitality Workers   |
| Engineers                  | 2321 Architects and Landscape Architects<br>2322 Cartographers and Surveyors<br>2331-2339 Engineering Professionals<br>3121-3129 Building and Engineering Technicians                   |
| Scientists                 | 2341-2349 Natural and Physical Science Professionals<br>3111-3114 Agricultural, Medical and Science Technicians<br>3993 Gallery, Library and Museum Technicians<br>4513 Funeral Workers |
| Painters                   | 3322 Painting Trades Workers<br>3995 Performing Arts Technicians  |
| Teachers                   | 1343 School Principals<br>2411-2415 School Teachers<br>2421-2422 Tertiary Education Teachers<br>2491-2493 Miscellaneous Education Professionals   |
| Nurses                     | 2541-2544 Midwifery and Nursing Professionals<br>4114 Enrolled and Mothercraft Nurses   |
| Other Health Professionals | 2511-2519 Health Diagnostic and Promotion Professionals<br>2521 Chiropractors and Osteopaths  |

Supplementary Table 1 (cont)

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|                 |   |
|-----------------|---|
|                 | 2523-2527 Health Therapy Professionals                                      |
|                 | 2531-2539 Medical Practitioners   |
|                 | 4112 Dental Hygienists, Technicians and Therapists                          |
| Metal Workers   | 3221-3223 Fabrication Engineering Trades Workers                            |
|                 | 3232-3234 Mechanical Engineering Trades Workers                             |
|                 | 3994 Jewellers  |
|                 | 8217 Structural Steel Construction Workers                                  |
|                 | 8391 Metal Engineering Process Workers                                      |
| Plumbers        | 3341 Plumbers   |
|                 | 8211 Building and Plumbing Labourers  |
| Vehicle Workers | 3211-3212 Automotive Electricians and Mechanics                             |
|                 | 3231 Aircraft Maintenance Engineers   |
|                 | 3241-3243 Panelbeaters, and Vehicle Body Builders,<br>Trimmers and Painters |
|                 | 8994 Motor Vehicle Parts and Accessories Fitters                            |
| Carpenters      | 3312 Carpenters and Joiners   |
|                 | 3933 Upholsterers   |
|                 | 3941-3942 Wood Trades Workers   |
|                 | 3991 Boat Builders and Shipwrights  |
|                 | 8394 Timber and Wood Process Workers  |
| Construction    | 3311 Bricklayers and Stonemasons  |
|                 | 3321 Floor Finishers  |
|                 | 3331-3334 Glaziers, Plasterers and Tilers                                   |
|                 | 8212-8215 Construction and Mining Labourers                                 |

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Supplementary Table 1 (cont)

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|                             |   |
|-----------------------------|---|
| Electrical                  | 3411 Electricians   |
|                             | 3421-3424 Electronics and Telecommunications Trades Workers |
| Food Factory                | 3511-3512 Food Trades Workers                               |
|                             | 8311-8313 Food Process Workers                              |
| Food Service                | 3513-3514 Food Trades Workers                               |
|                             | 8511-8513 Food Preparation Assistants                       |
| Printers                    | 3921-3923 Printing Trades Workers                           |
|                             | 3996 Signwriters  |
|                             | 7114 Photographic Developers and Printers                   |
|                             | 8995 Printing Assistants and Table Workers                  |
| Animal and Horticultural    | 3611-3613 Animal Attendants and Trainers, and Shearers      |
|                             | 3621-3624 Horticultural Trades Workers                      |
|                             | 8411-8419 Farm, Forestry and Garden Workers                 |
| Health and Personal Support | 2522 Complementary Health Therapists                        |
|                             | 2726 Welfare, Recreation and Community Arts Workers         |
|                             | 3911 Hairdressers   |
|                             | 4113 Diversional Therapists                                 |
|                             | 4115-4117 Health and Welfare Support Workers                |
|                             | 4211 Child Carers   |
|                             | 4221 Education Aides  |
|                             | 4231-4234 Personal Carers and Assistants                    |
|                             | 4511 Beauty Therapists                                      |
|                             | 4515 Personal Care Consultants                              |

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Supplementary Table 1 (cont)

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|                    |   |
|--------------------|---|
|                    | 4518 Other Personal Service Workers                                   |
| Emergency Workers  | 1392 Senior Non-Commissioned Defence Force Members                    |
|                    | 4111 Ambulance Officers and Paramedics                                |
|                    | 4411-4413 Defence Force Members, Fire fighters and Police             |
|                    | 4421-4422 Prison and Security Officers                                |
| Outdoor Work NEC   | 2312 Marine Transport Professionals                                   |
|                    | 4514 Gallery, Museum and Tour Guides                                  |
|                    | 4521-4524 Sports and Fitness Workers                                  |
|                    | 5995 Inspectors and Regulatory Officers                               |
|                    | 6111 Auctioneers and Stock and Station Agents                         |
|                    | 6217 Street Vendors and Related Salespersons                          |
|                    | 8992 Deck and Fishing Hands   |
| Machine Operators  | 3931-3932 Textile, Clothing and Footwear Trades Workers               |
|                    | 3992 Chemical, Gas, Petroleum and Power Generation Plant<br>Operators |
|                    | 3999 Other Miscellaneous Technicians and Trades Workers               |
|                    | 7111-7113 Machine Operators   |
|                    | 7115-7119 Machine Operators   |
|                    | 7123 Engineering Production Systems Workers                           |
|                    | 7129 Other Stationary Plant Operators                                 |
|                    | 8321-8322 Packers and Product Assemblers                              |
|                    | 8392-8393 Miscellaneous Factory Process Workers                       |
|                    | 8399 Other Factory Process Workers                                    |
| Automobile Drivers | 4512 Driving Instructors  |

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Supplementary Table 1 (cont)

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|                       |  |
|-----------------------|--|
|                       | 5612 Couriers and Postal Deliverers          |
|                       | 6113 Sales Representatives                   |
|                       | 6121 Real Estate Sales Agents                |
|                       | 7311 Automobile Drivers                      |
|                       | 8997 Vending Machine Attendants              |
| Heavy Vehicle Drivers | 7121 Crane, Hoist and Lift Operators         |
|                       | 7211-7212 Mobile Plant Operators             |
|                       | 7219 Other Mobile Plant Operators            |
|                       | 7321 Delivery Drivers                        |
|                       | 7331 Truck Drivers                           |
|                       | 8216 Railway Track Workers                   |
|                       | 8996 Recycling and Rubbish Collectors        |
| Miners                | 7122 Drillers, Miners and Shot Firers        |
|                       | 8219 Other Construction and Mining Labourers |
| Warehousing           | 7213 Forklift Drivers                        |
|                       | 7411 Storepersons                            |
|                       | 8911 Freight and Furniture Handlers          |
| Cleaners              | 8111-8116 Cleaners and Laundry Workers       |
| Handypersons          | 8993 Handypersons                            |
|                       | 8999 Other Miscellaneous Labourers           |
| Passenger Transport   | 2311 Air Transport Professionals             |
|                       | 4517 Travel Attendants                       |
|                       | 7312-7313 Automobile, Bus and Rail Drivers   |

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Supplementary Table 1 (cont)

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|        |  |
|--------|--|
| Office | 1111-1113 Chief Executives, General Managers and Legislators     |
|        | 1311 Advertising and Sales Managers                              |
|        | 1321-1325 Business Administration Managers                       |
|        | 1331-1336 Construction, Distribution and Production Managers     |
|        | 1341-1342 Education, Health and Welfare Services Managers        |
|        | 1344 Other Education Managers                                    |
|        | 1351 ICT Managers  |
|        | 1391 Commissioned Officers (Management)                          |
|        | 1399 Other Specialist Managers                                   |
|        | 1421 Retail Managers   |
|        | 1491-1499 Miscellaneous Hospitality, Retail and Service Managers |
|        | 2111-2114 Arts Professionals                                     |
|        | 2121-2124 Media Professionals                                    |
|        | 2211-2212 Accountants, Auditors and Company Secretaries          |
|        | 2221-2223 Financial Brokers and Dealers, and Investment Advisers |
|        | 2231-2233 Human Resource and Training Professionals              |
|        | 2241-2249 Information and Organisation Professionals             |
|        | 2251-2254 Sales, Marketing and Public Relations Professionals    |

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Supplementary Table 1 (cont)

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2323-2326 Architects, Designers, Planners and Surveyors

2611-2613 Business and Systems Analysts, and Programmers

2621 Database and Systems Administrators

2631-2633 ICT Network and Support Professionals

2711-2713 Legal Professionals

2721-2725 Social and Welfare Professionals

3131-3132 ICT and Telecommunications Technicians

4516 Tourism and Travel Advisers

5111 Contract, Program and Project Administrators

5121-5122 Office and Practice Managers

5211-5212 Personal Assistants and Secretaries

5311 General Clerks

5321 Keyboard Operators

5411-5412 Call or Contact Centre Information Clerks

5421 Receptionists

5511-5513 Accounting Clerks and Bookkeepers

5521-5523 Financial and Insurance Clerks

5611 Betting Clerks

5613-5619 Clerical and Office Support Workers

5911-5912 Logistics Clerks

5991-5994 Miscellaneous Clerical and Administrative  
Workers

5996-5999 Miscellaneous Clerical and Administrative  
Workers

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Supplementary Table 1 (cont)

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6112 Insurance Agents

6211-6216 Sales Assistants and Salespersons

6219 Other Sales Assistants and Salespersons

6311 Checkout Operators and Office Cashiers

6391-6399 Miscellaneous Sales Support Workers

8912 Shelf Fillers

8991 Caretakers

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Web Only Table 2. Demographic Characteristics of Final Sample ( $N = 4,993$ ) Compared With the Australian Working Population According to the 2011 Census

| Demographic Characteristic | % Final Sample | % Census <sup>a</sup> | <i>P</i> value <sup>b</sup> |
|----------------------------|----------------|-----------------------|-----------------------------|
| Gender                     |                |                       | 0.689                       |
| Male                       | 55.4           | 53.2                  |                             |
| Female                     | 44.6           | 46.8                  |                             |
| Age                        |                |                       | 0.000                       |
| 18-25                      | 5.2            | 15.8                  |                             |
| 26-35                      | 12.4           | 22.9                  |                             |
| 36-45                      | 27.7           | 24.4                  |                             |
| 46-55                      | 33.7           | 23.2                  |                             |
| 56-65                      | 21.0           | 13.7                  |                             |
| Country of birth           |                |                       | 0.047                       |
| Australia                  | 79.6           | 70.7                  |                             |
| Other                      | 20.4           | 29.3                  |                             |
| Language at home           |                |                       | 0.000                       |
| English                    | 98.1           | 81.5                  |                             |
| Other                      | 1.9            | 18.5                  |                             |
| Highest education level    |                |                       | 0.207                       |
| High school or less        | 37.1           | 37.4                  |                             |
| Trade certificate/diploma  | 28.0           | 34.8                  |                             |
| Bachelor degree or higher  | 34.9           | 27.8                  |                             |
| State of residence         |                |                       | 0.991                       |
| New South Wales            | 34.6           | 31.2                  |                             |
| Victoria                   | 24.5           | 25.2                  |                             |

|                                   |      |      |       |
|-----------------------------------|------|------|-------|
| Queensland                        | 18.2 | 20.2 |       |
| Western Australia                 | 11.3 | 10.9 |       |
| South Australia                   | 6.1  | 7.3  |       |
| Australian Capital Territory      | 2.2  | 2.0  |       |
| Tasmania                          | 2.0  | 2.2  |       |
| Northern Territory                | 1.1  | 1.0  |       |
| Socioeconomic status <sup>c</sup> |      |      | 0.923 |
| First quintile (Lowest)           | 9.9  | 12.1 |       |
| Second                            | 17.2 | 15.5 |       |
| Third                             | 20.4 | 20.8 |       |
| Fourth                            | 25.1 | 23.0 |       |
| Fifth quintile (Highest)          | 27.4 | 28.6 |       |
| Remoteness <sup>d</sup>           |      |      | 0.083 |
| Major City                        | 60.7 | 72.2 |       |
| Inner Regional                    | 27.2 | 17.8 |       |
| Outer Regional                    | 10.3 | 8.2  |       |
| Remote/Very Remote                | 1.8  | 1.8  |       |

<sup>a</sup> Australian population aged 18 to 65 and currently employed as obtained from the 2011

Census of Population and Housing

<sup>b</sup> *P* value for difference between final sample and census population, obtained from  $\chi^2$  goodness of fit test

<sup>c</sup> From Socio-Economic Index for Areas Index of Relative Socio-economic Disadvantage (SEIFA IRSD)

<sup>d</sup> From Australian Standard Geographical Classification Accessibility/Remoteness Index of Australia (ARIA+)

Web Only Table 3. Proportion of Final Sample Estimated to be Possibly Exposed by  
Carcinogenic Agent and Gender

| Carcinogen         | Most Common Occupational Groups                       | Males     | Females  |
|--------------------|---|-----------|----------|
|                    |   | n (%)     | n (%)    |
| Acid mists         | Emergency Worker, Carpenter, Office Worker            | 8 (0.3)   | -        |
| Asbestos           | Plumber, Carpenter, Construction                      | 202 (7.3) | 5 (0.2)  |
| Benzene            | Emergency Worker, Cleaner, Construction               | 7 (0.3)   | 1 (0.04) |
| 1,3-Butadiene      | Construction, Emergency Worker, Scientist             | 16 (0.6)  | -        |
| Cadmium            | Emergency Worker, Painter, Handyperson                | 49 (1.8)  | 6 (0.3)  |
| Chromium VI        | Farmer, Vehicle Worker, Metal Worker                  | 226 (8.2) | 18 (0.8) |
| Cobalt             | Metal Worker  | 1 (0.04)  | -        |
| DEE                | Warehousing, Machine Operator, Health<br>Professional | 2 (0.1)   | 1 (0.04) |
| Ethylene Oxide     | Emergency Worker, Scientist                           | 9 (0.3)   | -        |
| Formaldehyde       | Emergency Worker, Construction, Scientist             | 29 (1.1)  | 11 (0.5) |
| Ionising Radiation | Office Worker   | 1 (0.04)  | -        |
| Lead               | Electrical Worker, Handyperson, Construction          | 115 (4.2) | 11 (0.5) |
| MOCA               | Office Worker   | 2 (0.1)   | -        |
| Nickel             | Painter, Handyperson, Farmer                          | 40 (1.5)  | 16 (0.7) |
| Nitrosamines       | Farmer, Animal/Horticultural, Handyperson             | 50 (1.8)  | 5 (0.2)  |
| PCBs               | Electrical Worker, Emergency Worker,<br>Handyperson   | 55 (2.)   | -        |
| Silica             | Metal Worker, Health Professional, Office<br>Worker   | 5 (0.2)   | -        |
| Styrene-7,8-oxide  | Construction, Metal Worker, Office Worker             | 10 (0.4)  | 1 (0.04) |

|                     |   |          |         |
|---------------------|---|----------|---------|
| Tetrachloroethylene | Emergency Worker, Cleaner, Machine Operator | 25 (0.9) | 3 (0.1) |
| Trichloroethylene   | Emergency Worker, Cleaner, Construction     | 28 (1.0) | 3 (0.1) |
| Vinyl Chloride      | Emergency Worker, Scientist, Office Worker  | 12 (0.4) | -       |
| Wood Dust           | Printer, Construction, Machine Operator     | 10 (0.4) | 2 (0.1) |

DEE: Diesel Engine Exhaust

MOCA: 4,4'-Methylenebis(2-Chloroaniline)

PCBs: Polychlorinated Biphenyls

Web Only Table 4. Proportion of Final Sample Exposed to at Least One Carcinogen by Occupational Group, Males

| Occupational Group (n, %) <sup>a</sup> | Most Common Exposures                 | n exposed (%) | 95% CI <sup>b</sup> |
|--|---------------------------------------|---------------|---------------------|
| Heavy Vehicle Drivers<br>(142, 5.1)    | DEE, Solar UVR, ETS                   | 142 (100.0)   | 97.4, 100.0         |
| Farmers (92, 3.3)                      | Solar UVR, DEE, PAHs                  | 92 (100.0)    | 96.0, 100.0         |
| Plumbers (69, 2.5)                     | Solar UVR, ETS, Lead                  | 69 (100.0)    | 94.7, 100.0         |
| Painters (23, 0.8)                     | Solar UVR, Lead, Wood dust            | 23 (100.0)    | 85.7, 100.0         |
| Miners (22, 0.8)                       | Silica, DEE, Solar UVR                | 22 (100.0)    | 85.1, 100.0         |
| Carpenters (85, 3.1)                   | Wood dust, Solar UVR,<br>Formaldehyde | 84 (98.8)     | 93.6, 99.8          |
| Animal and Horticultural<br>(68, 2.5)  | Solar UVR, Benzene, DEE               | 67 (98.5)     | 92.1, 99.7          |
| Vehicle Trades (78, 2.8)               | DEE, Asbestos, Lead                   | 76 (97.4)     | 91.1, 99.3          |
| Handypersons (33, 1.2)                 | Solar UVR, Wood dust, Silica          | 32 (97.0)     | 84.7, 99.5          |
| Passenger Transport (31, 1.1)          | DEE, Shiftwork, Solar UVR             | 30 (96.8)     | 83.8, 99.4          |
| Automobile Drivers (46, 1.6)           | DEE, Solar UVR, ETS                   | 41 (95.4)     | 77.0, 95.3          |
| Engineers (84, 3.0)                    | Solar UVR, DEE, Silica                | 78 (92.9)     | 85.3, 96.7          |
| Outdoor Work NEC (26, 0.9)             | Solar UVR, DEE, Benzene               | 24 (92.3)     | 75.9, 97.9          |
| Construction Workers<br>(54, 1.9)      | Silica, Solar UVR, ETS                | 49 (90.7)     | 80.1, 96.0          |
| Electrical Workers (113, 4.1)          | Solar UVR, ETS, Lead                  | 101 (89.4)    | 82.4, 93.8          |
| Emergency Workers (55, 2.0)            | DEE, PAHs, Lead                       | 49 (89.1)     | 78.2, 94.9          |

|  |  |             |            |
|--|--|-------------|------------|
| Metal Workers (101, 3.7)                 | Artificial UVR, Chromium VI,<br>Nickel           | 88 (87.1)   | 79.2, 92.3 |
| Warehousing (29, 1,1)                    | Solar UVR, DEE, ETS                              | 25 (86.2)   | 69.4, 94.5 |
| Scientists (37, 1.3)                     | Solar UVR, DEE, Benzene                          | 29 (78.4)   | 62.8, 88.6 |
| Other Health Professionals<br>(53, 1.9)  | Ionising radiation, PAHs, Solar<br>UVR           | 39 (73.6)   | 60.4, 83.6 |
| Machine Operators (56, 2.0)              | Solar UVR, DEE, ETS                              | 40 (71.4)   | 58.5, 81.6 |
| Hospitality (21, 0.8)                    | ETS, Shiftwork, Solar UVR                        | 15 (71.4)   | 50.1, 86.2 |
| Nurses (19, 0.7)                         | Shiftwork, Ionising radiation,<br>Artificial UVR | 12 (63.2)   | 41.0, 80.9 |
| Food Service (33, 1.2)                   | ETS, PAHs, Shiftwork                             | 19 (57.6)   | 40.8, 72.8 |
| Food Factory (32, 1.2)                   | Shiftwork, DEE, Ethylene<br>oxide                | 13 (40.6)   | 25.5, 57.7 |
| Printers (14, 0.5)                       | Artificial UVR, Formaldehyde,<br>Wood dust       | 5 (35.7)    | 16.3, 61.2 |
| Health and Personal Support<br>(45, 1.6) | Ionising radiation, Shiftwork,<br>Solar UVR      | 11 (24.4)   | 14.2, 38.7 |
| Cleaners (31, 1.1)                       | Shiftwork, Silica, Solar UVR                     | 6 (19.4)    | 9.2, 36.3  |
| Teachers (119, 4.3)                      | Wood dust, Nickel, Lead                          | 18 (15.1)   | 9.8, 22.7  |
| Office Workers (1158, 41.9)              | DEE, Solar UVR, ETS                              | 167 (14.4)  | 12.5, 16.6 |
| TOTAL (2766, 100.0)                      | Solar UVR, DEE, ETS                              | 1466 (53.0) | 51.1, 54.9 |

DEE: Diesel Engine Exhaust; ETS: Environmental Tobacco Smoke; PAHs: Polycyclic

Aromatic Hydrocarbons; UVR: Ultraviolet Radiation

<sup>a</sup> Percentage expressed is percentage of males falling into that occupational group

<sup>b</sup> 95% confidence interval of the proportion

Web Only Table 5. Proportion of Final Sample Exposed to at Least One Carcinogen by Occupational Group, Females

| Occupational Group (n, %) <sup>a</sup> | Most Common Exposures                 | n exposed (%) | 95% CI <sup>b</sup> |
|--|---------------------------------------|---------------|---------------------|
| Farmers (28, 1.3)                      | Solar UVR, DEE, Benzene               | 28 (100.0)    | 87.9, 100.0         |
| Automobile Drivers (20, 0.9)           | DEE, Solar UVR, Benzene               | 20 (100.0)    | 83.9, 100.0         |
| Passenger Transport (8, 0.4)           | Shiftwork, DEE, ETS                   | 8 (100.0)     | 67.6, 100.0         |
| Heavy Vehicle Drivers (7, 0.3)         | DEE, Solar UVR, ETS                   | 7 (100.0)     | 64.6, 100.0         |
| Handypersons (5, 0.2)                  | Solar UVR, ETS, DEE                   | 5 (100.0)     | 56.6, 100.0         |
| Electrical Workers (4, 0.2)            | Solar UVR, ETS, DEE                   | 4 (100.0)     | 51.0, 100.0         |
| Vehicle Trades (3, 0.1)                | DEE, Asbestos, ETS                    | 3 (100.0)     | 43.9, 100.0         |
| Metal Workers (2, 0.1)                 | Ionising radiation, DEE, formaldehyde | 2 (100.0)     | 34.2, 100.0         |
| Construction Workers (1, 0.04)         | Silica, ETS                           | 1 (100.0)     | 20.7, 100.0         |
| Miners (1, 0.04)                       | Silica, Lead, Nickel                  | 1 (100.0)     | 20.7, 100.0         |
| Animal and Horticultural (24, 1.1)     | Solar UVR, Benzene, DEE               | 22 (91.7)     | 74.2, 97.7          |
| Engineers (7, 0.3)                     | Solar UVR, DEE, Benzene               | 6 (85.7)      | 48.7, 97.4          |
| Emergency Workers (6, 0.3)             | Solar UVR, Shiftwork, PAHs            | 5 (83.3)      | 43.7, 97.0          |
| Scientists (42, 1.9)                   | Ionising radiation, DEE, Solar UVR    | 29 (69.1)     | 54.0, 80.9          |
| Carpenters (3, 0.1)                    | Wood dust, DEE                        | 2 (66.7)      | 20.8, 93.9          |
| Hospitality (39, 1.8)                  | ETS, Solar UVR, PAHs                  | 23 (59.0)     | 43.4, 72.9          |

|   |  |            |            |
|---|--|------------|------------|
| Nurses (165, 7.4)                         | Shiftwork, Ionising radiation,<br>PAHs   | 86 (52.1)  | 44.5, 59.6 |
| Machine Operators (13, 0.6)               | Solar UVR, DEE, ETS                      | 6 (46.2)   | 23.2, 70.9 |
| Food Service (45, 2.0)                    | ETS, PAHs, Shiftwork                     | 20 (44.4)  | 30.9, 58.8 |
| Food Factory (6, 0.3)                     | Shiftwork                                | 2 (33.3)   | 9.7, 70.0  |
| Outdoor Work NEC (3, 0.1)                 | Solar UVR, ETS                           | 1 (33.3)   | 6.2, 79.2  |
| Warehousing (3, 0.1)                      | ETS                                      | 1 (33.3)   | 6.2, 79.2  |
| Other Health Professionals<br>(53, 2.4)   | Ionising radiation,<br>Formaldehyde, DEE | 17 (32.1)  | 21.1, 45.5 |
| Printers (4, 0.2)                         | Solar UVR, Wood dust                     | 1 (25.0)   | 4.6, 69.9  |
| Health and Personal Support<br>(188, 8.4) | Benzene, Solar UVR,<br>Shiftwork         | 44 (23.4)  | 17.9, 29.9 |
| Cleaners (50, 2.2)                        | Shiftwork, Silica                        | 4 (8.0)    | 3.2, 18.8  |
| Teachers (303, 13.6)                      | Silica, Solar UVR, Benzene               | 17 (5.6)   | 3.5, 8.8   |
| Office Workers (1194, 53.6)               | DEE, Benzene, Solar UVR                  | 48 (4.0)   | 3.1, 5.3   |
| TOTAL (2227, 100.0)                       | Solar UVR, DEE, Shiftwork                | 413 (18.6) | 17.0, 20.2 |

DEE: Diesel Engine Exhaust; ETS: Environmental Tobacco Smoke; PAHs: Polycyclic

Aromatic Hydrocarbons; UVR: Ultraviolet Radiation

<sup>a</sup> Percentage expressed is percentage of females falling into that occupational group

<sup>b</sup> 95% confidence interval of the proportion