

Dermatitis among workers in Ontario: Results from the Occupational Disease Surveillance System

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Online Supplementary Tables

Table A1. Hazard Ratios for Dermatitis Among Industry Groups

Industry Group*	Overall		Male		Female	
	Cases (Workers)	HR [†] (95% CI)	Cases (Workers)	HR [‡] (95% CI)	Cases (Workers)	HR [‡] (95% CI)
[1] Agriculture	224 (7,959)	0.78 (0.69, 0.89)	141 (5,900)	0.75 (0.63, 0.88)	83 (2,059)	0.86 (0.69, 1.06)
<i>[01] Experimental and Institutional Farms</i>	224 (7,959)	0.78 (0.69, 0.89)	141 (5,900)	0.75 (0.63, 0.88)	83 (2,059)	0.86 (0.69, 1.06)
[011] Livestock and Livestock Combination Farms	34 (1,318)	0.72 (0.51, 1.00)	19 (963)	0.62 (0.40, 0.97)	15 (355)	0.89 (0.54, 1.48)
[013] Field Crop and Field Crop Combination Farms	16 (714)	0.67 (0.41, 1.08)	11 (628)	0.55 (0.31, 1.00)	5 (86)	1.27 (0.53, 3.05)
[015] Fruit and Vegetable Farms	37 (1,500)	0.70 (0.51, 0.97)	28 (1,195)	0.73 (0.51, 1.06)	9 (305)	0.63 (0.33, 1.21)
[017] Other Crop and Livestock Combinations Farms	17 (882)	0.54 (0.34, 0.87)	12 (693)	0.53 (0.30, 0.94)	5 (189)	0.56 (0.24, 1.35)
[019] Miscellaneous Specialty Farms	81 (2,348)	0.91 (0.73, 1.13)	39 (1,441)	0.84 (0.62, 1.16)	42 (907)	0.99 (0.73, 1.34)
[021] Services Incidental to Agriculture	39 (1,197)	0.96 (0.70, 1.31)	32 (980)	1.06 (0.75, 1.50)	7 (217)	0.68 (0.33, 1.43)
[2] Forestry	33 (1,377)	0.71 (0.50, 1.00)	27 (1,235)	0.67 (0.46, 0.98)	6 (142)	0.90 (0.41, 2.00)
<i>[04] Forestry</i>	28 (1,302)	0.64 (0.44, 0.92)	22 (1,162)	0.58 (0.39, 0.89)	6 (140)	0.91 (0.41, 2.02)
[031] Logging	26 (1,172)	0.66 (0.45, 0.96)	20 (1,063)	0.58 (0.37, 0.89)	6 (109)	1.18 (0.53, 2.62)
[039] Forestry Services	<5 (130)	-	-	-	-	-
<i>[06] Fishing and Trapping</i>	5 (75)	2.11 (0.88, 5.03)	5 (73)	2.15 (0.90, 5.17)	0 (2)	-
[041] Fishing	<5 (64)	-	-	-	-	-
[045] Fishery Services	<5 (11)	-	-	-	-	-
[4] Mines, Quarries and Oil Wells	83 (3,025)	0.83 (0.67, 1.02)	77 (2,915)	0.80 (0.64, 1.00)	6 (110)	1.19 (0.54, 2.63)
<i>[09] Metal Mines</i>	37 (1,357)	0.81 (0.59, 1.12)	-	-	-	-
[051] Placer Gold Mines	<5 (48)	-	-	-	-	-
[052] Gold Quartz Mines	<5 (142)	-	-	-	-	-
[057] Uranium Mines	<5 (29)	-	-	-	-	-
[059] Miscellaneous Metal Mines	31 (1,138)	0.81 (0.57, 1.15)	-	-	-	-
<i>[10] Non Metal Mines</i>	6 (143)	1.28 (0.58, 2.85)	6 (137)	1.35 (0.61, 3.00)	0 (6)	-
[064] Crude Petroleum and Natural Gas Industry	0 (14)	-	-	-	-	-
[071] Asbestos Mines	<5 (9)	-	-	-	-	-
[073] Gypsum Mines	<5 (15)	-	-	-	-	-
[079] Miscellaneous Non Metal Mines	<5 (104)	-	-	-	-	-

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	Cases (Workers)	HR [†] (95% CI)	Cases (Workers)	HR [‡] (95% CI)	Cases (Workers)	HR [‡] (95% CI)
<i>[12] Quarries and Sand Pits</i>	24 (796)	0.91 (0.61, 1.36)	-	-	-	-
[083] Stone Quarries	14 (356)	1.21 (0.72, 2.05)	-	-	-	-
[087] Sand Pits or Quarries	10 (440)	0.68 (0.37, 1.27)	10 (419)	0.73 (0.39, 1.35)	0 (21)	-
<i>[13] Services Incidental to Mining</i>	16 (729)	0.67 (0.41, 1.09)	-	-	-	-
[096] Contract Drilling for Petroleum	<5 (23)	-	-	-	-	-
[098] Other Contract Drilling	0 (141)	-	-	-	-	-
[099] Miscellaneous Services Incidental to Mining	15 (565)	0.80 (0.48, 1.33)	-	-	-	-
[5] Manufacturing Industries	4,404 (112,487)	1.10 (1.06, 1.14)	2,972 (84,433)	1.10 (1.06, 1.15)	1,432 (28,054)	1.10 (1.04, 1.16)
<i>[14] Food and Beverage Industries</i>	613 (14,586)	1.12 (1.03, 1.21)	333 (9,342)	1.10 (0.99, 1.23)	279 (5,244)	1.14 (1.01, 1.28)
[101] Meat and Poultry Products	178 (4,496)	1.05 (0.90, 1.21)	98 (2,854)	1.07 (0.87, 1.30)	80 (1,642)	1.03 (0.83, 1.28)
[102] Fish Products	9 (177)	1.27 (0.66, 2.43)	-	-	-	-
[103] Fruit and Vegetable Processing	63 (1,278)	1.31 (1.02, 1.67)	34 (801)	1.32 (0.94, 1.84)	29 (477)	1.30 (0.90, 1.87)
[104] Dairy Products	35 (934)	1.01 (0.72, 1.40)	21 (623)	1.05 (0.68, 1.60)	14 (311)	0.96 (0.57, 1.62)
[105] Flour and Breakfast Cereal Products	9 (383)	0.66 (0.34, 1.26)	-	-	-	-
[106] Feed	9 (347)	0.76 (0.40, 1.46)	-	-	-	-
[107] Bakery Products	124 (2,343)	1.35 (1.14, 1.62)	58 (1,231)	1.45 (1.12, 1.88)	66 (1,112)	1.28 (1.00, 1.63)
[108] Miscellaneous Food	113 (2,839)	1.04 (0.86, 1.25)	57 (1,718)	1.01 (0.78, 1.31)	56 (1,121)	1.07 (0.82, 1.39)
[109] Beverage	72 (1,790)	1.14 (0.90, 1.44)	47 (1,414)	1.03 (0.78, 1.38)	25 (376)	1.43 (0.97, 2.11)
<i>[15] Tobacco Products Industries</i>	<5 (158)	-	-	-	-	-
[151] Leaf Tobacco Processors	0 (15)	-	-	-	-	-
[153] Tobacco Products Manufacturers	<5 (143)	-	-	-	-	-
<i>[16] Rubber and Plastics Products Industries</i>	334 (7,755)	1.15 (1.03, 1.28)	193 (5,071)	1.17 (1.01, 1.35)	141 (2,684)	1.12 (0.95, 1.32)
[162] Rubber Products	44 (1,245)	0.97 (0.72, 1.30)	29 (898)	0.99 (0.69, 1.43)	15 (347)	0.93 (0.56, 1.54)
[165] Plastics Fabricating	290 (6,510)	1.18 (1.05, 1.32)	164 (4,173)	1.21 (1.03, 1.41)	126 (2,337)	1.15 (0.96, 1.37)
<i>[17] Leather Industries</i>	10 (337)	0.70 (0.38, 1.30)	-	-	-	-
[172] Leather Tanneries	6 (119)	1.21 (0.55, 2.70)	0 (47)	-	6 (72)	1.79 (0.80, 3.98)
[174] Shoe Factories	<5 (70)	-	-	-	-	-
[175] Leather Glove Factories	<5 (27)	-	-	-	-	-

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	Cases (Workers)	HR† (95% CI)	Cases (Workers)	HR‡ (95% CI)	Cases (Workers)	HR‡ (95% CI)
[179] Luggage, Handbag and Small Leather Goods Manufacturers	<5 (121)	-	-	-	-	-
<i>[18] Textile Industries</i>	85 (2,053)	1.04 (0.84, 1.29)	34 (1,072)	0.96 (0.69, 1.35)	51 (981)	1.11 (0.84, 1.46)
[181] Cotton Yarn and Cloth Mills	<5 (77)	-	-	-	-	-
[182] Wool Yarn and Cloth Mills	22 (438)	1.22 (0.81, 1.86)	7 (177)	1.22 (0.58, 2.56)	15 (261)	1.24 (0.75, 2.05)
[183] Man-made Fibre, Yarn and Cloth Mills	<5 (196)	-	-	-	-	-
[184] Cordage and Twine	<5 (54)	-	-	-	-	-
[185] Felt and Fibre Processing	<5 (49)	-	-	-	-	-
[186] Carpet, Mat and Rug	12 (221)	1.45 (0.82, 2.55)	-	-	-	-
[187] Canvas Products, and Cotton and Jute Bags	6 (186)	0.84 (0.38, 1.88)	-	-	-	-
[188] Automobile Fabric Accessories	12 (203)	1.46 (0.83, 2.56)	-	-	-	-
[189] Miscellaneous Textile	25 (629)	0.98 (0.67, 1.46)	11 (308)	1.09 (0.60, 1.96)	14 (321)	0.93 (0.55, 1.57)
<i>[19] Knitting Mills</i>	6 (147)	0.93 (0.42, 2.07)	-	-	-	-
[231] Hosiery Mills	<5 (82)	-	-	-	-	-
[239] Knitting Mills (except Hosiery)	<5 (65)	-	-	-	-	-
<i>[20] Clothing Industries</i>	38 (818)	1.11 (0.81, 1.52)	-	-	-	-
[243] Men's Clothing	16 (407)	0.97 (0.59, 1.58)	-	-	-	-
[244] Women's Clothing	9 (153)	1.38 (0.72, 2.65)	5 (206)	0.74 (0.31, 1.77)	6 (106)	1.22 (0.55, 2.72)
[245] Children's Clothing	<5 (8)	-	-	-	-	-
[249] Miscellaneous Clothing	12 (244)	1.12 (0.64, 1.98)	-	-	-	-
<i>[21] Wood Industries</i>	246 (7,254)	0.99 (0.87, 1.12)	222 (6,729)	1.02 (0.89, 1.16)	62 (1,343)	0.98 (0.76, 1.26)
[251] Sawmills, Planing Mills and Shingle Mills	17 (1,325)	0.37 (0.23, 0.60)	-	-	-	-
[252] Veneer and Plywood Mills	10 (273)	0.99 (0.53, 1.84)	-	-	-	-
[254] Sash, Door and Other Millwork Plants	159 (3,966)	1.18 (1.01, 1.38)	136 (3,536)	1.20 (1.01, 1.42)	23 (430)	1.13 (0.75, 1.70)
[256] Wooden Box Factories	26 (735)	1.07 (0.73, 1.57)	-	-	-	-
[258] Coffin and Casket	<5 (31)	-	-	-	-	-
[259] Miscellaneous Wood Industries	33 (924)	1.02 (0.73, 1.44)	-	-	-	-
<i>[22] Furniture and Fixture Industries</i>	202 (4,719)	1.21 (1.06, 1.39)	153 (3,824)	1.23 (1.04, 1.44)	49 (895)	1.17 (0.88, 1.55)

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[261] Household Furniture Manufacturers	87 (2,248)	1.09 (0.88, 1.35)	68 (1,801)	1.16 (0.92, 1.47)	19 (447)	0.91 (0.58, 1.42)
[264] Office Furniture Manufacturers	70 (1,490)	1.34 (1.06, 1.69)	53 (1,235)	1.31 (1.00, 1.71)	17 (255)	1.43 (0.89, 2.29)
[266] Miscellaneous Furniture and Fixtures Manufacturers	45 (971)	1.31 (0.98, 1.75)	32 (780)	1.25 (0.88, 1.77)	13 (191)	1.47 (0.85, 2.53)
[268] Electric Lamp and Shade Manufacturers	<5 (10)	-	-	-	-	-
[23] Paper and Allied Industries	108 (3,000)	0.99 (0.82, 1.20)	69 (2,311)	0.90 (0.71, 1.13)	39 (689)	1.22 (0.89, 1.67)
[271] Pulp and Paper Mills	11 (596)	0.53 (0.29, 0.96)	-	-	-	-
[272] Asphalt Roofing Manufacturers	<5 (58)	-	-	-	-	-
[273] Paper Box and Bag Manufacturers	59 (1,324)	1.24 (0.96, 1.60)	38 (1,013)	1.15 (0.83, 1.57)	21 (311)	1.46 (0.95, 2.24)
[274] Miscellaneous Paper Converters	36 (1,022)	0.94 (0.68, 1.30)	20 (692)	0.88 (0.57, 1.36)	16 (330)	1.04 (0.64, 1.70)
[24] Printing, Publishing and Allied Industries	182 (4,405)	1.08 (0.93, 1.25)	97 (2,748)	1.07 (0.88, 1.31)	85 (1,657)	1.10 (0.89, 1.36)
[286] Commercial Printing	121 (2,862)	1.12 (0.94, 1.34)	72 (1,913)	1.14 (0.91, 1.44)	49 (949)	1.10 (0.83, 1.46)
[287] Platemaking, Typesetting and Trade Bindery	8 (268)	0.75 (0.38, 1.50)	-	-	-	-
[288] Publishing	21 (585)	0.90 (0.59, 1.38)	5 (304)	0.51 (0.21, 1.21)	16 (281)	1.22 (0.75, 1.99)
[289] Publishing and Printing	32 (690)	1.18 (0.84, 1.67)	14 (379)	1.12 (0.66, 1.89)	18 (311)	1.25 (0.79, 1.98)
[25] Primary Metal Industries	118 (4,181)	0.82 (0.68, 0.98)	102 (3,752)	0.81 (0.67, 0.99)	16 (429)	0.79 (0.48, 1.29)
[291] Iron and Steel Mills	43 (1,553)	0.82 (0.61, 1.11)	-	-	-	-
[292] Steel Pipe and Tube Mills	12 (489)	0.72 (0.41, 1.26)	-	-	-	-
[294] Iron Foundries	17 (468)	1.07 (0.66, 1.71)	-	-	-	-
[295] Smelting and Refining	<5 (29)	-	-	-	-	-
[296] Aluminum Rolling, Casting and Extruding	16 (553)	0.83 (0.51, 1.35)	-	-	-	-
[297] Copper and Copper Alloy Rolling, Casting and Extruding	8 (168)	1.40 (0.70, 2.79)	-	-	-	-
[298] Metal Rolling, Casting and Extruding n.e.s	21 (921)	0.64 (0.42, 0.98)	15 (749)	0.60 (0.36, 1.00)	6 (172)	0.74 (0.33, 1.66)
[26] Metal Fabricating Industries	851 (22,430)	1.10 (1.03, 1.18)	670 (19,086)	1.08 (1.00, 1.17)	181 (3,344)	1.16 (1.00, 1.34)
[301] Boiler and Plate Works	<5 (214)	-	-	-	-	-
[302] Fabricated Structural Metal	58 (1,563)	1.13 (0.87, 1.46)	-	-	-	-

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[303] Ornamental and Architectural Metal	83 (2,353)	1.05 (0.85, 1.30)	75 (2,162)	1.08 (0.86, 1.35)	8 (191)	0.89 (0.45, 1.78)
[304] Metal Stamping, Pressing and Coating	165 (4,640)	1.02 (0.88, 1.19)	131 (3,928)	1.02 (0.86, 1.21)	34 (712)	1.02 (0.73, 1.42)
[305] Wire and Wire Products Manufacturers	63 (1,479)	1.17 (0.92, 1.50)	40 (1,105)	1.10 (0.81, 1.50)	23 (374)	1.32 (0.88, 1.99)
[306] Hardware, Tool and Cutlery Manufacturers	163 (3,830)	1.22 (1.05, 1.43)	131 (3,156)	1.29 (1.09, 1.54)	32 (674)	1.01 (0.71, 1.43)
[307] Heating Equipment Manufacturers	12 (328)	1.03 (0.58, 1.81)	-	-	-	-
[308] Machine Shops	125 (3,343)	1.12 (0.94, 1.34)	108 (3,097)	1.08 (0.89, 1.30)	17 (246)	1.48 (0.92, 2.38)
[309] Miscellaneous Metal Fabricating Industries	178 (4,680)	1.07 (0.92, 1.24)	119 (3,663)	1.00 (0.84, 1.20)	59 (1,017)	1.25 (0.96, 1.61)
<i>[27] Machinery Industries</i>	241 (6,204)	1.13 (0.99, 1.28)	189 (5,325)	1.09 (0.95, 1.26)	52 (879)	1.26 (0.96, 1.66)
[311] Agriculture and Implement	24 (490)	1.49 (1.00, 2.23)	-	-	-	-
[315] Miscellaneous Machinery and Equipment Manufacturers	191 (4,978)	1.11 (0.97, 1.28)	154 (4,306)	1.10 (0.94, 1.29)	37 (672)	1.17 (0.85, 1.62)
[316] Commercial Refrigeration and Air Conditioning Equipment	12 (348)	1.02 (0.58, 1.79)	-	-	-	-
[318] Office and Store Machinery Manufacturers	14 (388)	0.94 (0.56, 1.58)	-	-	-	-
<i>[28] Transportation Equipment Industries</i>	776 (19,138)	1.11 (1.03, 1.19)	535 (13,999)	1.17 (1.07, 1.28)	241 (5,139)	0.99 (0.87, 1.13)
[321] Aircraft and Aircraft Parts Manufacturers	39 (855)	1.32 (0.96, 1.81)	34 (737)	1.41 (1.01, 1.98)	5 (118)	0.91 (0.38, 2.17)
[323] Motor Vehicle Manufacturers	174 (4,687)	1.04 (0.90, 1.21)	123 (3,693)	1.02 (0.85, 1.22)	51 (994)	1.10 (0.83, 1.44)
[324] Truck Body and Trailer Manufacturers	51 (1,589)	0.96 (0.73, 1.27)	-	-	-	-
[325] Motor Vehicle Parts and Accessories Manufacturers	492 (11,417)	1.14 (1.05, 1.25)	313 (7,526)	1.27 (1.13, 1.42)	179 (3,891)	0.97 (0.84, 1.13)
[326] Railroad Rolling Stock Industry	10 (262)	1.13 (0.61, 2.11)	-	-	-	-
[327] Shipbuilding and Repair	<5 (101)	-	-	-	-	-
[328] Boatbuilding and Repair	5 (175)	0.81 (0.34, 1.95)	-	-	-	-
[329] Miscellaneous Vehicle Manufacturers	<5 (52)	-	-	-	-	-
<i>[29] Electrical Products Industries</i>	183 (4,438)	1.07 (0.93, 1.24)	94 (2,746)	1.03 (0.84, 1.26)	89 (1,692)	1.12 (0.91, 1.38)
[331] Manufacturers of Small Electrical Appliances	23 (470)	1.19 (0.79, 1.79)	10 (190)	1.61 (0.87, 2.98)	13 (280)	0.98 (0.57, 1.69)

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[332] Manufacturers of Major Appliances	13 (436)	0.82 (0.48, 1.42)	8 (331)	0.74 (0.37, 1.47)	5 (105)	1.00 (0.42, 2.41)
[333] Manufacturers of Lighting Fixtures	13 (258)	1.27 (0.74, 2.19)	-	-	-	-
[334] Manufacturers of Household Radio and Television Receivers	<5 (21)	-	-	-	-	-
[335] Communications Equipment Manufacturers	59 (1,422)	1.05 (0.81, 1.36)	26 (792)	0.99 (0.67, 1.45)	33 (630)	1.12 (0.80, 1.58)
[336] Manufacturers of Electrical Industrial Equipment	<5 (996)	-	31 (828)	1.12 (0.79, 1.59)	12 (211)	1.21 (0.69, 2.13)
[338] Manufacturers of Electric Wire and Cable	6 (207)	0.80 (0.36, 1.77)	-	-	-	-
[339] Manufacturers of Miscellaneous Electrical Products	22 (587)	0.94 (0.62, 1.43)	9 (299)	0.90 (0.47, 1.74)	13 (288)	0.96 (0.56, 1.65)
<i>[30] Non-Metallic Mineral Products Industries</i>	102 (3,383)	0.90 (0.74, 1.09)	87 (3,151)	0.85 (0.69, 1.04)	15 (232)	1.38 (0.83, 2.30)
[351] Clay Products Manufacturers	<5 (172)	-	-	-	-	-
[352] Cement Manufacturers	<5 (145)	-	-	-	-	-
[353] Stone Products Manufacturers	<5 (60)	-	-	-	-	-
[354] Concrete Products Manufacturers	34 (1,027)	1.01 (0.73, 1.42)	-	-	-	-
[355] Ready-Mix Concrete Manufacturers	13 (546)	0.72 (0.42, 1.25)	-	-	-	-
[356] Glass and Glass Products Manufacturers	22 (589)	1.06 (0.69, 1.60)	15 (485)	0.94 (0.57, 1.57)	7 (104)	1.44 (0.69, 3.01)
[357] Abrasives Manufacturers	<5 (90)	-	-	-	-	-
[358] Lime Manufacturers	<5 (9)	-	-	-	-	-
[359] Miscellaneous Non-Metallic Mineral Products Industries	24 (745)	0.98 (0.66, 1.46)	-	-	-	-
<i>[31] Petroleum and Coal Products Industries</i>	8 (189)	1.24 (0.62, 2.49)	-	-	-	-
[365] Petroleum Refineries	<5 (117)	-	-	-	-	-
[369] Miscellaneous Petroleum and Coal Products Industries	<5 (72)	-	-	-	-	-
<i>[32] Chemical and Chemical Products Industries</i>	157 (3,807)	1.10 (0.94, 1.29)	96 (2,558)	1.13 (0.93, 1.39)	61 (1,249)	1.04 (0.81, 1.34)
[372] Manufacturers of Mixed Fertilizers	<5 (112)	-	-	-	-	-

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[373] Manufacturers of Plastics and Synthetic Resins	7 (344)	0.59 (0.28, 1.23)	-	-	-	-
[374] Manufacturers of Pharmaceuticals and Medicines	58 (1,169)	1.24 (0.96, 1.61)	33 (606)	1.64 (1.17, 2.31)	25 (563)	0.94 (0.64, 1.39)
[375] Paint and Varnish Manufacturers	9 (234)	1.11 (0.58, 2.13)	-	-	-	-
[376] Manufacturers of Soap and Cleaning Compounds	10 (281)	0.93 (0.50, 1.72)	-	-	-	-
[377] Manufacturers of Toilet Preparations	24 (509)	1.15 (0.77, 1.71)	6 (206)	0.89 (0.40, 1.97)	18 (303)	1.28 (0.81, 2.03)
[378] Manufacturers of Industrial Chemicals	14 (362)	1.12 (0.66, 1.89)	-	-	-	-
[379] Miscellaneous Chemical Industries	34 (796)	1.21 (0.87, 1.70)	25 (654)	1.16 (0.79, 1.72)	9 (142)	1.35 (0.70, 2.60)
<i>[33] Miscellaneous Manufacturing Industries</i>	143 (3,485)	1.09 (0.93, 1.29)	89 (2,300)	1.19 (0.96, 1.46)	54 (1,185)	0.97 (0.75, 1.27)
[391] Scientific and Professional Equipment	41 (873)	1.20 (0.88, 1.63)	20 (463)	1.33 (0.86, 2.07)	21 (410)	1.11 (0.72, 1.70)
[392] Jewelry and Silverware	8 (160)	1.34 (0.67, 2.69)	-	-	-	-
[393] Sporting Goods and Toy	18 (392)	1.20 (0.75, 1.90)	9 (229)	1.21 (0.63, 2.33)	9 (163)	1.20 (0.62, 2.30)
[397] Signs and Displays	27 (758)	1.05 (0.72, 1.53)	-	-	-	-
[399] Miscellaneous Manufacturing Industries	49 (1,302)	0.98 (0.74, 1.30)	30 (816)	1.12 (0.79, 1.60)	19 (486)	0.83 (0.53, 1.30)
[6] Construction Industry	1,362 (50,852)	<i>0.79 (0.75, 0.84)</i>	1,269 (48,153)	<i>0.80 (0.76, 0.85)</i>	93 (2,699)	<i>0.73 (0.60, 0.90)</i>
<i>[34] General Contractors</i>	470 (17,440)	<i>0.80 (0.73, 0.88)</i>	426 (16,219)	<i>0.81 (0.74, 0.90)</i>	44 (1,221)	<i>0.76 (0.57, 1.03)</i>
[404] Building Construction	247 (9,621)	<i>0.76 (0.67, 0.86)</i>	209 (8,689)	<i>0.74 (0.65, 0.85)</i>	38 (932)	0.87 (0.63, 1.19)
[406] Highway, Bridge and Street Construction	104 (3,562)	0.89 (0.73, 1.08)	-	-	-	-
[409] Other Construction	119 (4,257)	0.86 (0.72, 1.03)	114 (4,087)	0.88 (0.73, 1.06)	5 (170)	0.62 (0.26, 1.50)
<i>[35] Special-Trade Contractors</i>	892 (33,412)	<i>0.80 (0.75, 0.86)</i>	843 (31,934)	<i>0.81 (0.76, 0.87)</i>	49 (1,478)	<i>0.71 (0.53, 0.94)</i>
[421] Special-Trade Contractors	892 (33,412)	<i>0.80 (0.75, 0.86)</i>	843 (31,934)	<i>0.81 (0.76, 0.87)</i>	49 (1,478)	<i>0.71 (0.53, 0.94)</i>
[7] Transportation, Communication and Other Utilities	1,681 (48,474)	0.97 (0.92, 1.02)	1,189 (37,843)	0.95 (0.90, 1.01)	492 (10,631)	0.99 (0.90, 1.08)
<i>[36] Transportation</i>	1,165 (33,879)	0.98 (0.92, 1.04)	878 (27,745)	0.96 (0.90, 1.03)	287 (6,134)	1.00 (0.89, 1.12)
[501] Air Transport	191 (4,483)	1.14 (0.99, 1.32)	120 (2,886)	1.29 (1.08, 1.54)	71 (1,597)	0.95 (0.75, 1.20)
[502] Services Incidental to Air Transport	87 (1,906)	1.31 (1.06, 1.61)	58 (1,500)	1.23 (0.95, 1.59)	29 (406)	1.55 (1.08, 2.23)
[503] Railway Transport	53 (1,434)	1.05 (0.80, 1.37)	41 (1,184)	1.04 (0.77, 1.41)	12 (250)	1.03 (0.59, 1.82)

Table A1. Hazard Ratios for Dermatitis Among Industry Groups

Industry Group*	Overall		Male		Female	
	Cases (Workers)	HR† (95% CI)	Cases (Workers)	HR‡ (95% CI)	Cases (Workers)	HR‡ (95% CI)
[504] Water Transport	12 (287)	1.21 (0.69, 2.14)	-	-	-	-
[505] Services Incidental to Water Transport	<5 (89)	-	-	-	-	-
[506] Moving and Storage, Used Goods, Uncrated	19 (648)	0.89 (0.57, 1.40)	-	-	-	-
[507] Other Truck Transport	406 (15,340)	0.78 (0.70, 0.86)	373 (14,160)	0.79 (0.71, 0.88)	33 (1,180)	0.59 (0.42, 0.83)
[508] Bus Transport, Interurban and Rural	10 (213)	1.32 (0.71, 2.45)	-	-	-	-
[509] Urban Transit Systems	158 (3,200)	1.39 (1.19, 1.63)	118 (2,501)	1.45 (1.21, 1.74)	40 (699)	1.23 (0.90, 1.68)
[512] Taxicab Operations	10 (245)	1.08 (0.58, 2.01)	-	-	-	-
[515] Pipeline Transport	<5 (17)	-	-	-	-	-
[516] Highway and Bridge Maintenance	11 (315)	1.06 (0.59, 1.92)	-	-	-	-
[517] Miscellaneous Services Incidental to Transport	114 (3,523)	0.93 (0.77, 1.12)	84 (2,990)	0.85 (0.69, 1.06)	30 (533)	1.20 (0.84, 1.72)
[519] Other Transportation	91 (2,180)	1.03 (0.84, 1.26)	33 (933)	1.09 (0.77, 1.53)	58 (1,247)	1.00 (0.77, 1.29)
[37] Storage	103 (3,423)	0.85 (0.70, 1.03)	76 (2,734)	0.86 (0.69, 1.08)	27 (689)	0.83 (0.57, 1.21)
[524] Grain Elevators	<5 (72)	-	-	-	-	-
[527] Other Storage and Warehousing	102 (3,351)	0.86 (0.71, 1.05)	75 (2,674)	0.87 (0.69, 1.09)	27 (677)	0.85 (0.58, 1.24)
[38] Communication	302 (7,700)	1.00 (0.89, 1.12)	150 (4,350)	1.04 (0.88, 1.22)	152 (3,350)	0.97 (0.82, 1.13)
[543] Radio and Television Broadcasting	41 (795)	1.39 (1.03, 1.89)	28 (532)	1.63 (1.12, 2.36)	13 (263)	1.05 (0.61, 1.80)
[544] Telephone Systems	10 (220)	1.26 (0.68, 2.34)	-	-	-	-
[545] Telegraph and Cable Systems	<5 (33)	-	-	-	-	-
[548] Post Office	250 (6,652)	0.95 (0.84, 1.08)	118 (3,636)	0.97 (0.81, 1.16)	132 (3,016)	0.93 (0.79, 1.11)
[39] Electric Power, Gas and Water Utilities	111 (3,472)	0.92 (0.77, 1.11)	85 (3,014)	0.86 (0.69, 1.06)	26 (458)	1.20 (0.82, 1.77)
[572] Electric Power	65 (1,458)	1.27 (1.00, 1.62)	49 (1,211)	1.23 (0.93, 1.62)	16 (247)	1.38 (0.85, 2.25)
[574] Gas Distribution	<5 (180)	-	-	-	-	-
[576] Water Systems	<5 (76)	-	-	-	-	-
[579] Other Utilities	41 (1,758)	0.69 (0.51, 0.94)	33 (1,597)	0.64 (0.45, 0.90)	8 (161)	1.05 (0.52, 2.09)
[8] Trade	3,999 (110,951)	0.95 (0.92, 0.99)	2,169 (70,671)	0.95 (0.91, 1.00)	1,830 (40,280)	0.96 (0.91, 1.01)
[40] Wholesale Trade	1,253 (37,006)	0.96 (0.90, 1.01)	893 (29,656)	0.93 (0.87, 0.99)	360 (7,350)	1.05 (0.94, 1.16)
[602] Farm Products	7 (233)	0.84 (0.40, 1.76)	-	-	-	-

Table A1. Hazard Ratios for Dermatitis Among Industry Groups

Industry Group*	Overall		Male		Female	
	Cases (Workers)	HR† (95% CI)	Cases (Workers)	HR‡ (95% CI)	Cases (Workers)	HR‡ (95% CI)
[608] Petroleum Products	17 (902)	0.56 (0.35, 0.90)	-	-	-	-
[611] Paper and Paper Products	15 (438)	0.94 (0.56, 1.55)	16 (852)	0.57 (0.35, 0.93)	5 (114)	0.92 (0.39, 2.22)
[612] General Merchandise	12 (228)	1.26 (0.72, 2.22)	10 (324)	0.94 (0.51, 1.75)	10 (155)	1.40 (0.75, 2.59)
[614] Food	153 (4,972)	0.89 (0.76, 1.04)	-	-	-	-
[615] Tobacco Products	<5 (214)	-	-	-	-	-
[616] Drug and Toilet Preparations	19 (502)	0.93 (0.59, 1.46)	-	-	-	-
[617] Apparel and Dry Goods	26 (521)	1.26 (0.86, 1.85)	5 (225)	0.68 (0.28, 1.62)	16 (255)	1.35 (0.83, 2.20)
[618] Household Furniture and Furnishings	9 (304)	0.84 (0.44, 1.61)	-	-	-	-
[619] Motor Vehicles and Accessories	98 (2,956)	0.95 (0.78, 1.16)	75 (2,478)	0.80 (0.36, 1.78)	23 (478)	1.02 (0.68, 1.53)
[621] Electrical Machinery, Equipment and Supplies	74 (1,637)	1.25 (1.00, 1.57)	45 (1,208)	0.94 (0.75, 1.17)	29 (429)	1.47 (1.02, 2.11)
[622] Farm Machinery and Equipment	<5 (596)	-	-	-	-	-
[623] Machinery and Equipment, n.e.s.	161 (4,663)	0.99 (0.85, 1.16)	124 (3,923)	0.97 (0.81, 1.15)	37 (740)	1.07 (0.77, 1.48)
[624] Hardware, Plumbing and Heating Equipment	59 (1,727)	0.98 (0.76, 1.27)	43 (1,451)	0.97 (0.81, 1.15)	16 (276)	1.25 (0.77, 2.04)
[625] Metal and Metal Products, n.e.s.	29 (811)	1.07 (0.74, 1.54)	24 (766)	0.91 (0.68, 1.23)	5 (45)	2.46 (1.03, 5.90)
[626] Lumber and Building Materials	267 (7,958)	0.96 (0.85, 1.08)	200 (6,348)	0.96 (0.64, 1.43)	67 (1,610)	0.89 (0.70, 1.13)
[627] Scrap and Waste Materials, n.e.s.	70 (2,263)	0.94 (0.74, 1.19)	64 (2,155)	0.99 (0.86, 1.14)	6 (108)	1.18 (0.53, 2.64)
[629] Wholesalers n.e.s.	221 (6,073)	0.99 (0.86, 1.13)	124 (4,246)	0.93 (0.73, 1.19)	97 (1827)	1.13 (0.93, 1.38)
[41] Retail Trade	2,747 (73,952)	0.96 (0.92, 1.00)	1276 (41,018)	0.90 (0.75, 1.07)	1470 (32,934)	0.94 (0.89, 1.00)
[631] Food Stores	828 (21,310)	0.99 (0.92, 1.06)	353 (10,600)	1.07 (0.97, 1.19)	475 (10,710)	0.94 (0.86, 1.03)
[642] General Merchandise Stores	376 (9,104)	1.00 (0.90, 1.11)	109 (3,537)	0.97 (0.80, 1.17)	267 (5,567)	1.03 (0.91, 1.16)
[652] Tire, Battery and Accessories Stores	76 (2,425)	0.87 (0.69, 1.08)	52 (1,751)	0.94 (0.72, 1.24)	24 (674)	0.76 (0.51, 1.13)
[654] Gasoline Service Stations	79 (2,177)	1.00 (0.80, 1.25)	47 (1,543)	0.96 (0.72, 1.28)	32 (634)	1.08 (0.77, 1.53)
[656] Motor Vehicle Dealers	217 (6,478)	0.97 (0.85, 1.11)	170 (5,541)	0.95 (0.82, 1.10)	47 (937)	1.07 (0.80, 1.43)
[663] Shoe Stores	13 (435)	0.81 (0.71, 0.93)	-	-	-	-
[665] Men's Clothing Stores	11 (182)	0.71 (0.41, 1.22)	-	-	-	-
[667] Women's Clothing Stores	86 (1,381)	1.60 (0.89, 2.88)	11 (110)	2.65 (1.33, 5.27)	75 (1,271)	1.27 (1.01, 1.59)
[669] Clothing and Dry Good Stores, n.e.s.	125 (2,618)	1.40 (1.13, 1.73)	23 (596)	3.31 (1.83, 5.97)	102 (2,022)	1.08 (0.89, 1.31)

Table A1. Hazard Ratios for Dermatitis Among Industry Groups

Industry Group*	Overall		Male		Female	
	Cases (Workers)	HR [†] (95% CI)	Cases (Workers)	HR [‡] (95% CI)	Cases (Workers)	HR [‡] (95% CI)
[673] Hardware Stores	18 (570)	1.12 (0.94, 1.33)	9 (408)	1.23 (0.82, 1.85)	9 (162)	1.19 (0.62, 2.29)
[676] Household Furniture and Appliance Stores	117 (3,231)	0.86 (0.54, 1.37)	77 (2,399)	0.68 (0.35, 1.30)	40 (832)	1.03 (0.75, 1.40)
[678] Radio, Television and Electrical Appliance Repair Shops	5 (159)	1.01 (0.84, 1.21)	-	-	-	-
[681] Drug Stores	82 (2,274)	0.88 (0.37, 2.12)	18 (603)	0.52 (0.13, 2.06)	64 (1,671)	0.82 (0.64, 1.05)
[691] Book and Stationery Stores	42 (1,135)	0.85 (0.68, 1.05)	12 (466)	0.95 (0.60, 1.50)	30 (669)	0.97 (0.68, 1.38)
[692] Florists, Shops	9 (442)	0.92 (0.68, 1.24)	-	-	-	-
[694] Jewelry Stores	9 (86)	0.51 (0.27, 0.98)	-	-	-	-
[695] Watch and Jewelry Repair Shops	6 (102)	-	0 (12)	-	6 (90)	1.43 (0.64, 3.18)
[696] Liquor, Wine and Beer Stores	103 (2,376)	1.32 (0.59, 2.93)	46 (1,184)	1.20 (0.90, 1.61)	57 (1,192)	1.01 (0.78, 1.31)
[9] Finance, Insurance and Real Estate	194 (5,460)	0.92 (0.80, 1.06)	95 (3,147)	0.92 (0.75, 1.12)	99 (2,313)	0.91 (0.75, 1.11)
<i>[42] Finance Industries</i>	18 (640)	0.74 (0.47, 1.17)	11 (408)	0.83 (0.46, 1.49)	7 (232)	0.64 (0.30, 1.33)
[701] Banks and other Deposit Accepting Establishments	<5 (75)	-	-	-	-	-
[703] Other Credit Agencies	5 (226)	0.56 (0.23, 1.34)	-	-	-	-
[707] Investment and Holding Companies	10 (334)	0.81 (0.44, 1.51)	-	-	-	-
<i>[43] Insurance and Real Estate Industries</i>	176 (4,820)	0.94 (0.81, 1.09)	84 (2,739)	0.93 (0.75, 1.15)	92 (2,081)	0.95 (0.77, 1.16)
[721] Insurance Carriers	<5 (74)	-	-	-	-	-
[735] Insurance and Real Estate Agencies	5 (154)	0.85 (0.35, 2.04)	-	-	-	-
[737] Real Estate Operators	167 (4,592)	0.94 (0.81, 1.09)	82 (2,621)	0.95 (0.76, 1.18)	85 (1,971)	0.93 (0.75, 1.15)
[10] Community, Business and Personal Service Industries	7,558 (181,429)	1.02 (0.99, 1.05)	2,323 (68,449)	1.08 (1.03, 1.13)	5,235 (112,980)	0.98 (0.94, 1.02)
<i>[45] Education and Related Services</i>	1,522 (33,555)	1.08 (1.02, 1.13)	387 (10,611)	1.11 (1.00, 1.23)	1,135 (22,944)	1.07 (1.01, 1.14)
[801] Kindergartens and Nursery Schools	<5 (83)	-	-	-	-	-
[802] Elementary and Secondary Schools	469 (9,855)	1.10 (1.00, 1.20)	100 (2,429)	1.24 (1.02, 1.51)	369 (7,426)	1.07 (0.96, 1.18)
[804] Vocational Centers, Trade Schools and Business Colleges	34 (991)	0.99 (0.71, 1.39)	22 (686)	1.12 (0.74, 1.71)	12 (305)	0.84 (0.47, 1.47)
[805] Post-Secondary Non-University Educational Institutions	18 (526)	0.83 (0.52, 1.32)	7 (205)	1.04 (0.50, 2.18)	11 (321)	0.74 (0.41, 1.33)

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Industry Group*	Overall		Male		Female	
	Cases (Workers)	HR† (95% CI)	Cases (Workers)	HR‡ (95% CI)	Cases (Workers)	HR‡ (95% CI)
[806] Universities and Colleges	169 (4,148)	1.01 (0.87, 1.18)	60 (1,837)	1.02 (0.79, 1.31)	109 (2,311)	1.01 (0.84, 1.22)
[807] Libraries, Museums and Other Repositories	30 (567)	1.23 (0.86, 1.76)	7 (142)	1.56 (0.74, 3.26)	23 (425)	1.17 (0.77, 1.75)
[809] Education and Related Services, n.e.s.	799 (17,381)	1.08 (1.00, 1.16)	191 (5,307)	1.07 (0.93, 1.24)	608 (12,074)	1.09 (1.00, 1.18)
<i>[46] Health and Welfare Services</i>	2,315 (52,374)	0.98 (0.93, 1.02)	272 (6,858)	1.21 (1.08, 1.37)	2,043 (45,516)	0.95 (0.90, 1.00)
[821] Hospitals	810 (19,055)	0.94 (0.88, 1.01)	113 (2,882)	1.19 (0.99, 1.44)	697 (16,173)	0.91 (0.84, 0.98)
[822] Related Health Care Institutions	578 (12,577)	1.01 (0.93, 1.10)	44 (1,152)	1.17 (0.87, 1.57)	534 (11,425)	1.00 (0.92, 1.09)
[823] Offices of Physicians and Surgeons	34 (536)	1.40 (1.00, 1.96)	-	-	-	-
[824] Office of Para-medical Personnel (Practitioners)	49 (1,090)	0.97 (0.73, 1.28)	-	-	-	-
[825] Offices of Dentists	<5 (46)	-	-	-	-	-
[826] Diagnostic and Therapeutic Services, n.e.s.	67 (1,339)	1.12 (0.88, 1.42)	11 (212)	1.57 (0.87, 2.83)	56 (1,127)	1.07 (0.82, 1.39)
[827] Miscellaneous Health Services	235 (5,829)	0.90 (0.79, 1.02)	30 (821)	1.12 (0.79, 1.60)	205 (5,008)	0.88 (0.76, 1.01)
[828] Welfare Organizations	538 (11,902)	1.01 (0.93, 1.10)	70 (1,662)	1.30 (1.03, 1.64)	468 (10,240)	0.98 (0.89, 1.07)
<i>[47] Religious Organizations</i>	11 (346)	0.77 (0.43, 1.39)	-	-	-	-
[831] Religious Organizations	11 (346)	0.77 (0.43, 1.39)	-	-	-	-
<i>[48] Amusement and Recreation Services</i>	274 (7,389)	0.96 (0.85, 1.08)	123 (4,022)	0.96 (0.80, 1.14)	151 (3,367)	0.95 (0.81, 1.12)
[841] Motion Picture Theatres	14 (229)	1.60 (0.95, 2.69)	-	-	-	-
[842] Motion Picture Production and Distribution	24 (627)	1.07 (0.72, 1.60)	12 (473)	0.78 (0.44, 1.37)	12 (154)	1.69 (0.96, 2.98)
[843] Bowling Alleys and Billiard Parlors	<5 (30)	-	-	-	-	-
[844] Golf Clubs and Country Clubs	29 (816)	0.97 (0.67, 1.40)	17 (540)	1.01 (0.63, 1.63)	12 (276)	0.92 (0.52, 1.62)
[845] Theatrical and Other Staged Entertainment Services	<5 (194)	-	-	-	-	-
[849] Miscellaneous Amusement and Recreation Services	202 (5,493)	0.93 (0.81, 1.07)	86 (2,755)	0.97 (0.79, 1.20)	116 (2,738)	0.90 (0.75, 1.08)
<i>[49] Services to Business Management</i>	1,126 (29,649)	1.04 (0.98, 1.10)	679 (20,302)	1.06 (0.98, 1.14)	447 (9,347)	1.02 (0.93, 1.12)
[851] Employment Agencies and Personnel Suppliers	561 (15,406)	1.02 (0.94, 1.11)	371 (11,514)	1.02 (0.92, 1.13)	190 (3,892)	1.05 (0.91, 1.21)
[853] Computer Services	15 (433)	0.90 (0.55, 1.50)	9 (270)	1.02 (0.53, 1.95)	6 (163)	0.78 (0.35, 1.73)

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Industry Group*	Overall		Male		Female	
	Cases (Workers)	HR [†] (95% CI)	Cases (Workers)	HR [‡] (95% CI)	Cases (Workers)	HR [‡] (95% CI)
[855] Security and Investigation Services	143 (3,480)	1.16 (0.99, 1.37)	100 (2,662)	1.18 (0.97, 1.44)	43 (818)	1.13 (0.83, 1.52)
[861] Offices of Accountants	8 (292)	0.63 (0.31, 1.25)	-	-	-	-
[862] Advertising Services	39 (693)	1.45 (1.06, 1.99)	19 (372)	1.59 (1.02, 2.49)	20 (321)	1.34 (0.87, 2.08)
[863] Offices of Architects	<5 (13)	-	-	-	-	-
[864] Engineering and Scientific Services	62 (2,049)	0.82 (0.64, 1.05)	42 (1,401)	0.92 (0.68, 1.25)	20 (648)	0.66 (0.42, 1.01)
[866] Offices of Lawyers and Notaries	<5 (56)	-	-	-	-	-
[867] Offices of Management and Business Consultants	15 (375)	1.04 (0.63, 1.72)	7 (214)	1.00 (0.48, 2.10)	8 (161)	1.07 (0.54, 2.14)
[869] Miscellaneous Services to Business Management	281 (6,853)	1.06 (0.94, 1.19)	129 (3,779)	1.07 (0.90, 1.27)	152 (3,074)	1.06 (0.90, 1.24)
[50] Personal Services	92 (2,838)	0.78 (0.64, 0.96)	22 (1,068)	0.64 (0.42, 0.97)	70 (1,770)	0.84 (0.67, 1.07)
[872] Barber and Beauty Shops	7 (72)	2.18 (1.04, 4.55)	-	-	-	-
[873] Private Households	46 (1,204)	0.86 (0.65, 1.15)	-	-	-	-
[874] Laundries, Cleaners and Pressers (except Self-service)	32 (1,281)	0.63 (0.45, 0.89)	11 (677)	0.50 (0.28, 0.90)	21 (604)	0.74 (0.48, 1.13)
[876] Self-service Laundries and Dry Cleaners	<5 (32)	-	-	-	-	-
[877] Funeral Services	<5 (163)	-	-	-	-	-
[879] Miscellaneous Personal Services	<5 (83)	-	-	-	-	-
[51] Accommodation and Food Services	1,664 (39,457)	1.06 (1.01, 1.12)	563 (16,324)	1.13 (1.04, 1.23)	1,101 (23,133)	1.02 (0.95, 1.08)
[881] Hotels and Motels	227 (5,649)	0.97 (0.85, 1.10)	67 (1,981)	1.06 (0.84, 1.35)	160 (3,668)	0.93 (0.80, 1.09)
[883] Lodging Houses and Residential Clubs	<5 (170)	-	-	-	-	-
[884] Camping Grounds and Trailer Parks	9 (315)	0.77 (0.40, 1.47)	-	-	-	-
[886] Restaurants, Caterers and Taverns	1,424 (33,323)	1.09 (1.03, 1.15)	492 (14,098)	1.16 (1.05, 1.27)	932 (19,225)	1.04 (0.97, 1.11)
[52] Miscellaneous Services	554 (15,824)	0.91 (0.83, 0.99)	270 (9,127)	0.92 (0.81, 1.03)	284 (6,697)	0.90 (0.80, 1.02)
[891] Labour Organizations and Trade Associations	46 (1,861)	0.55 (0.41, 0.74)	7 (316)	0.67 (0.32, 1.40)	39 (1,545)	0.53 (0.39, 0.73)
[893] Photographic Services, n.e.s.	5 (97)	1.20 (0.50, 2.88)	0 (29)	-	5 (68)	1.57 (0.66, 3.76)
[894] Automobile and Truck Rental	33 (1,011)	0.93 (0.66, 1.31)	23 (829)	0.85 (0.56, 1.27)	10 (182)	1.17 (0.63, 2.18)
[895] Machinery and Equipment Rental	32 (1,231)	0.78 (0.55, 1.10)	25 (1,118)	0.70 (0.47, 1.04)	7 (113)	1.33 (0.63, 2.79)
[896] Blacksmithing and Welding Shops	22 (577)	1.18 (0.77, 1.79)	-	-	-	-

Table A1. Hazard Ratios for Dermatitis Among Industry Groups

Industry Group*	Overall		Male		Female	
	Cases (Workers)	HR† (95% CI)	Cases (Workers)	HR‡ (95% CI)	Cases (Workers)	HR‡ (95% CI)
[897] Miscellaneous Repair Shops	19 (716)	0.79 (0.51, 1.24)	-	-	-	-
[898] Services to Buildings and Dwellings	192 (5,738)	0.87 (0.75, 1.00)	104 (3,336)	0.97 (0.80, 1.18)	88 (2,402)	<i>0.78 (0.63, 0.96)</i>
[899] Miscellaneous Services, n.e.s.	205 (4,593)	1.13 (0.99, 1.30)	73 (2,265)	1.00 (0.79, 1.26)	132 (2,328)	1.22 (1.03, 1.45)
[11] Public Administration and Defense	1,886 (48,361)	1.00 (0.95, 1.05)	874 (26,730)	1.00 (0.94, 1.07)	1,012 (21,631)	1.00 (0.94, 1.06)
<i>[53] Federal Administration</i>	275 (6,403)	1.04 (0.92, 1.17)	92 (2,557)	1.08 (0.88, 1.33)	183 (3,846)	1.02 (0.88, 1.18)
[902] Defense Services	35 (921)	0.95 (0.68, 1.33)	16 (468)	1.01 (0.62, 1.65)	19 (453)	0.91 (0.58, 1.42)
[909] Other Federal Administration	240 (5,482)	1.05 (0.93, 1.19)	76 (2,089)	1.10 (0.88, 1.38)	164 (3,393)	1.04 (0.89, 1.21)
<i>[54] Provincial Administration</i>	336 (9,372)	0.91 (0.82, 1.01)	157 (5,015)	0.96 (0.82, 1.12)	179 (4,357)	0.87 (0.75, 1.01)
[931] Provincial Administration	336 (9,372)	0.91 (0.82, 1.01)	157 (5,015)	0.96 (0.82, 1.12)	179 (4,357)	0.87 (0.75, 1.01)
<i>[55] Local Administration</i>	1,275 (32,582)	1.02 (0.96, 1.08)	625 (19,156)	1.00 (0.93, 1.09)	650 (13,426)	1.03 (0.96, 1.12)
[951] Local Administration	1,275 (32,582)	1.02 (0.96, 1.08)	625 (19,156)	1.00 (0.93, 1.09)	650 (13,426)	1.03 (0.96, 1.12)

*[SIC-80] Industry Division Group

[SIC-80] Industry Major Group

[SIC-80] Industry Minor Group

Definition of abbreviations: HR=hazard ratio, CI=confidence interval, NEC=not elsewhere classified

Dashes indicate suppression of results for groups with <5 cases

Statistically significant ($\alpha=0.05$ level) increased risks are bolded and statistically significant decreased risks are italicized

† The risk of dermatitis in a particular group relative to all other workers in the cohort, adjusted for birth year and sex

‡ The sex-specific risk of dermatitis among a particular group relative to all other workers of that sex, adjusted for birth year

Table A2. Hazard Ratios for Dermatitis Among Occupation Groups

Occupation Group*	Overall		Male		Female	
	Cases (Workers)	HR [†] (95% CI)	Cases (Workers)	HR [‡] (95% CI)	Cases (Workers)	HR [‡] (95% CI)
[11] Managerial, administrative and related occupations	514 (12,720)	0.98 (0.90, 1.07)	145 (5237)	1.01 (0.87, 1.17)	309 (7483)	0.97 (0.87, 1.08)
<i>[111] Officials and administrators unique to government</i>	86 (1,883)	1.08 (0.87, 1.34)	26 (651)	0.96 (0.63, 1.47)	71 (1,232)	1.13 (0.89, 1.45)
[1111] Members of legislative bodies	<5 (14)	-	-	-	-	-
[1113] Government administrators	7 (220)	0.75 (0.36, 1.57)	0 (80)	-	7 (140)	1.08 (0.52, 2.27)
[1115] Postmasters	<5 (55)	-	-	-	-	-
[1119] Officials and administrators unique to government, n.e.c.	75 (1,594)	1.11 (0.89, 1.40)	20 (547)	1.10 (0.71, 1.71)	55 (1,047)	1.13 (0.87, 1.47)
<i>[113/114] Other managers and administrators</i>	181 (5,333)	0.86 (0.74, 0.99)	46 (2,852)	0.86 (0.69, 1.06)	64 (2,481)	0.85 (0.70, 1.04)
[1130] General managers and other senior officials	11 (201)	1.34 (0.74, 2.42)	5 (85)	1.76 (0.73, 4.22)	6 (116)	1.14 (0.51, 2.52)
[1131] Management occupations, natural sciences and engineering	6 (228)	0.70 (0.31, 1.55)	-	-	-	-
[1132] Management occupations, social sciences and related fields	<5 (193)	-	-	-	-	-
[1133] Administrators in teaching and related fields	14 (549)	0.58 (0.34, 0.98)	-	-	-	-
[1134] Administrators in medicine and health	8 (193)	0.91 (0.46, 1.83)	-	-	-	-
[1135] Financial management occupations	12 (306)	0.91 (0.52, 1.61)	-	-	-	-
[1136] Personnel and industrial relations management occupations	7 (137)	1.11 (0.53, 2.33)	0 (22)	-	7 (115)	1.28 (0.61, 2.68)
[1137] Sales and advertising management occupations	20 (402)	1.25 (0.80, 1.93)	7 (195)	1.08 (0.51, 2.26)	13 (207)	1.36 (0.79, 2.34)
[1141] Purchasing management occupations	<5 (61)	-	-	-	-	-
[1142] Services management occupations	7 (296)	0.60 (0.29, 1.25)	-	-	-	-
[1143] Production management occupations	13 (455)	0.81 (0.47, 1.40)	-	-	-	-
[1145] Management occupations, construction operations	12 (296)	1.21 (0.69, 2.13)	-	-	-	-
[1147] Management occupations, transport and communications operations	6 (229)	0.69 (0.31, 1.53)	-	-	-	-
[1149] Other Managers and Administrators, n.e.c.	60 (1,788)	1.34 (0.74, 2.42)	31 (1064)	0.88 (0.62, 1.25)	29 (724)	0.86 (0.60, 1.24)

Table A2. Hazard Ratios for Dermatitis Among Occupation Groups

Occupation Group*	Overall		Male		Female	
	Cases (Workers)	HR [†] (95% CI)	Cases (Workers)	HR [‡] (95% CI)	Cases (Workers)	HR [‡] (95% CI)
<i>[117] Occupation Related to Management and Administration</i>	247 (5,504)	1.06 (0.93, 1.20)	73 (1,734)	1.27 (1.01, 1.60)	174 (3,770)	0.99 (0.85, 1.15)
[1171] Accountants, auditors and other financial officers	40 (799)	1.16 (0.85, 1.58)	12 (209)	1.73 (0.98, 3.05)	28 (590)	1.02 (0.70, 1.47)
[1174] Personnel and related officers	17 (461)	0.84 (0.52, 1.35)	-	-	-	-
[1175] Purchasing officers and buyers, except wholesale and retail trade	10 (171)	1.43 (0.77, 2.66)	5 (69)	2.19 (0.91, 5.24)	5 (102)	1.06 (0.44, 2.55)
[1176] Inspectors and regulatory officers, non-government	53 (1,329)	1.05 (0.81, 1.38)	33 (842)	1.18 (0.84, 1.67)	20 (487)	0.88 (0.57, 1.37)
[1179] Occupations related to management and administration, n.e.c.	127 (2,744)	1.04 (0.87, 1.24)	20 (512)	1.18 (0.76, 1.83)	107 (2,232)	1.03 (0.85, 1.25)
[21] Occupations in natural sciences, engineering and mathematics	291 (7,608)	1.05 (0.94, 1.18)	186 (5,591)	1.02 (0.88, 1.17)	105 (2,017)	1.11 (0.92, 1.35)
<i>[211] Occupations in physical sciences</i>	23 (511)	1.22 (0.81, 1.84)	16 (358)	1.36 (0.83, 2.22)	7 (153)	0.98 (0.47, 2.06)
[2111] Chemists	9 (125)	1.81 (0.94, 3.47)	-	-	-	-
[2112] Geologists	<5 (23)	-	-	-	-	-
[2113] Physicists	<5 (22)	-	-	-	-	-
[2114] Meteorologists	<5 (5)	-	-	-	-	-
[2117] Physical sciences technologists and technicians	9 (313)	0.80 (0.42, 1.54)	-	-	-	-
[2119] Occupations in physical sciences, n.e.c.	<5 (23)	-	-	-	-	-
<i>[213] Occupations in life sciences</i>	33 (725)	1.22 (0.87, 1.72)	14 (469)	0.93 (0.55, 1.56)	19 (256)	1.60 (1.02, 2.50)
[2131] Agriculturists and related scientists	<5 (72)	-	-	-	-	-
[2133] Biologists and related scientists	<5 (83)	-	-	-	-	-
[2135] Life sciences technologists and technicians	17 (407)	1.13 (0.70, 1.82)	6 (271)	0.69 (0.31, 1.52)	11 (136)	1.74 (0.96, 3.14)
[2139] Occupations in life sciences, n.e.c.	9 (163)	1.47 (0.76, 2.81)	-	-	-	-
<i>[214/215] Architects and engineers</i>	39 (1,010)	1.09 (0.79, 1.49)	29 (811)	1.07 (0.75, 1.55)	10 (199)	1.08 (0.58, 2.01)
[2141] Architects	<5 (31)	-	-	-	-	-
[2142] Chemical engineers	<5 (48)	-	-	-	-	-
[2143] Civil engineers	10 (181)	1.58 (0.85, 2.93)	-	-	-	-
[2144] Electrical engineers	14 (283)	1.38 (0.82, 2.33)	-	-	-	-

Table A2. Hazard Ratios for Dermatitis Among Occupation Groups

Occupation Group*	Overall		Male		Female	
	Cases (Workers)	HR [†] (95% CI)	Cases (Workers)	HR [‡] (95% CI)	Cases (Workers)	HR [‡] (95% CI)
[2145] Industrial engineers	<5 (95)	-	-	-	-	-
[2147] Mechanical engineers	<5 (157)	-	-	-	-	-
[2151] Metallurgical engineers	<5 (16)	-	-	-	-	-
[2153] Mining engineers	<5 (5)	-	-	-	-	-
[2154] Petroleum engineers	<5 (9)	-	-	-	-	-
[2155] Aeronautical engineers	<5 (24)	-	-	-	-	-
[2159] Architects and engineers, n.e.c.	5 (161)	0.83 (0.35, 1.99)	-	-	-	-
<i>[216] Other occupations in architecture and engineering</i>	146 (4,219)	0.97 (0.83, 1.14)	99 (3321)	0.92 (0.75, 1.12)	47 (898)	1.12 (0.84, 1.49)
[2161] Surveyors	9 (282)	0.96 (0.50, 1.84)	-	-	-	-
[2163] Draughtsmen	8 (208)	1.06 (0.53, 2.12)	-	-	-	-
[2165] Architectural and engineering technologists and technicians	127 (3,709)	0.96 (0.81, 1.14)	86 (2886)	0.92 (0.74, 1.14)	41 (823)	1.07 (0.79, 1.45)
[2169] Other occupations in architecture and engineering, n.e.c.	<5 (20)	-	-	-	-	-
<i>[218] Other occupations in mathematics statistics systems analysis and related fields</i>	50 (1,143)	1.11 (0.84, 1.47)	28 (632)	1.34 (0.93, 1.95)	22 (511)	0.92 (0.61, 1.39)
[2181] Mathematicians, statisticians and actuaries	<5 (47)	-	-	-	-	-
[2183] Systems analysts, computer programmers and related occupations	48 (1,096)	1.12(0.84, 1.48)	27 (617)	1.33 (0.91, 1.93)	21 (479)	0.93 (0.61, 1.43)
[23] Occupations in social sciences and related fields	542 (11,151)	1.12 (1.03, 1.22)	92 (2,335)	1.22 (0.99, 1.50)	450 (8,816)	1.09 (1.00, 1.20)
<i>[231/234/235/239] Other occupations in social sciences and related fields</i>	174 (3,396)	1.18 (1.02, 1.37)	30 (783)	1.17 (0.82, 1.67)	144 (2,613)	1.19 (1.01, 1.40)
[2311] Economists	11 (229)	1.17 (0.94, 1.45)	-	-	-	-
[2313] Sociologists, anthropologists and related social scientists	<5 (89)	-	-	-	-	-
[2315] Psychologists	<5 (50)	-	-	-	-	-
[2341] Judges and magistrates	18 (252)	1.10 (0.61, 1.99)	8 (118)	2.09 (1.05, 4.18)	10 (134)	1.65 (0.89, 3.05)
[2343] Lawyers and notaries	<5 (94)	-	-	-	-	-

Table A2. Hazard Ratios for Dermatitis Among Occupation Groups

Occupation Group*	Overall		Male		Female	
	Cases (Workers)	HR† (95% CI)	Cases (Workers)	HR‡ (95% CI)	Cases (Workers)	HR‡ (95% CI)
[2349] Occupations in law and jurisprudence, n.e.c.	<5 (97)	-	-	-	-	-
[2350] Supervisors: occupations in library, museum and archival sciences	<5 (17)	-	-	-	-	-
[2351] Librarians and archivists	<5 (180)	-	-	-	-	-
[2353] Technicians in library, museum and archival sciences	<5 (153)	-	-	-	-	-
[2359] Occupations in library, museum and archival sciences, n.e.c.	<5 (339)	-	-	-	-	-
[2391] Educational and vocational counsellors	<5 (364)	-	-	-	-	-
[2399] Other occupations in social sciences and related fields, n.e.c.	88 (1,532)	1.22 (0.58, 2.56)	15 (311)	1.49 (0.90, 2.47)	73 (1221)	1.29 (1.02, 1.62)
<i>[233] Occupations in Social Work and Related Fields</i>	368 (7,755)	0.96 (0.58, 1.59)	62 (1552)	1.24 (0.97, 1.60)	306 (6203)	1.05 (0.94, 1.18)
[2331] Social workers	80 (1,540)	1.18 (0.75, 1.85)	7 (257)	0.82 (0.39, 1.73)	73 (1283)	1.22 (0.97, 1.54)
[2333] Occupations in welfare and community services	288 (6,216)	1.33 (1.08, 1.63)	55 (1295)	1.33 (1.02, 1.74)	233 (4921)	1.01 (0.88, 1.15)
[27] Teaching and related occupations	901 (19,039)	1.07 (1.00, 1.15)	125 (3,454)	1.10 (0.92, 1.31)	776 (15,585)	1.07 (1.00, 1.16)
<i>[271] University Teaching and Related Occupations</i>	45 (1,044)	0.95 (0.71, 1.28)	-	-	-	-
[2711] University teachers	<5 (171)	-	-	-	-	-
[2719] University teaching and related occupations, n.e.c.	41 (873)	1.02 (0.75, 1.39)	-	-	-	-
<i>[273] Elementary and Secondary School Teaching and Related Occupations</i>	813 (16,824)	1.09 (1.02, 1.17)	107 (2,868)	1.13 (0.94, 1.37)	706 (13,956)	1.09 (1.01, 1.18)
[2731] Elementary and kindergarten teachers	374 (7,865)	1.07 (0.96, 1.18)	53 (1,283)	1.25 (0.96, 1.64)	321 (6,582)	1.05 (0.94, 1.17)
[2733] Secondary school teachers	142 (2,900)	1.17 (1.00, 1.39)	41 (1,040)	1.19 (0.88, 1.62)	101 (1,860)	1.17 (0.96, 1.42)
[2739] Elementary and secondary school teaching and related occupations, n.e.c.	297 (6,061)	1.07 (0.96, 1.21)	13 (545)	0.73 (0.42, 1.26)	284 (5,516)	1.11 (0.99, 1.25)
<i>[279] Other Teaching and Related Occupations</i>	43 (1,171)	0.88 (0.65, 1.19)	14 (433)	0.98 (0.58, 1.65)	29 (738)	0.84 (0.58, 1.21)
[2791] Community college and vocational school teachers	19 (526)	0.89 (0.57, 1.40)	11 (240)	1.38 (0.77, 2.50)	8 (286)	0.60 (0.30, 1.20)

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Occupation Group*	Overall		Male		Female	
	Cases (Workers)	HR† (95% CI)	Cases (Workers)	HR‡ (95% CI)	Cases (Workers)	HR‡ (95% CI)
[2795] Teachers of exceptional students, n.e.c.	13 (194)	1.53 (0.89, 2.64)	-	-	-	-
[2799] Other teaching and related occupations, n.e.c.	11 (451)	0.89 (0.57, 1.40)	-	-	-	-
[31] Occupations in medicine and health	1,777 (42,982)	<i>0.90 (0.86, 0.95)</i>	189 (5,355)	1.09 (0.95, 1.26)	1,588 (37,627)	<i>0.88 (0.84, 0.93)</i>
<i>[311] Health Diagnosing and Treating Occupations</i>	6 (195)	0.72 (0.32, 1.59)	-	-	-	-
[3111] Physicians and surgeons	<5 (124)	-	-	-	-	-
[3113] Dentists	<5 (9)	-	-	-	-	-
[3115] Veterinarians	<5 (53)	-	-	-	-	-
[3119] Health diagnosing and treating occupations, n.e.c.	<5 (9)	-	-	-	-	-
<i>[313] Nursing Therapy and Related Assisting Occupations</i>	1,506 (37,585)	<i>0.87 (0.82, 0.92)</i>	147 (4,520)	1.01 (0.85, 1.18)	1,359 (33,065)	<i>0.86 (0.81, 0.91)</i>
[3130] Supervisors: nursing occupations	12 (259)	0.99 (0.56, 1.75)	-	-	-	-
[3131] Nurses, registered, graduate and nurses-in-training	457 (12,011)	<i>0.81 (0.74, 0.89)</i>	21 (748)	0.85 (0.56, 1.31)	436 (11,263)	<i>0.81 (0.74, 0.90)</i>
[3134] Nursing assistants	134 (4,065)	<i>0.71 (0.60, 0.84)</i>	11 (299)	1.11 (0.62, 2.01)	123 (3,766)	<i>0.69 (0.58, 0.82)</i>
[3135] Nursing aides and orderlies	650 (14,707)	0.97 (0.90, 1.05)	57 (1,363)	1.28 (0.99, 1.66)	593 (13,344)	0.95 (0.87, 1.03)
[3137] Physiotherapists, occupational and other therapists	26 (587)	0.98 (0.67, 1.44)	-	-	-	-
[3139] Nursing, therapy and related assisting occupations, n.e.c.	227 (5,956)	0.91 (0.80, 1.04)	55 (2,042)	0.85 (0.65, 1.11)	172 (3,914)	0.93 (0.80, 1.09)
<i>[315] Other Occupations in Medicine and Health</i>	265 (5,202)	1.14 (1.01, 1.29)	41 (774)	1.62 (1.19, 2.20)	224 (4,428)	1.08 (0.95, 1.24)
[3151] Pharmacists	8 (181)	1.01 (0.51, 2.02)	0 (45)	-	8 (136)	1.25 (0.63, 2.50)
[3152] Dietitians and nutritionists	12 (200)	1.37 (0.78, 2.40)	0 (19)	-	12 (181)	1.47 (0.83, 2.58)
[3154] Dispensing opticians	<5 (27)	-	-	-	-	-
[3155] Radiological technologists and technicians	24 (480)	1.13 (0.76, 1.69)	5 (91)	1.66 (0.69, 3.96)	19 (389)	1.05 (0.67, 1.64)
[3156] Medical laboratory technologists and technicians	136 (2,972)	1.01 (0.85, 1.19)	17 (363)	1.44 (0.89, 2.31)	119 (2,609)	0.97 (0.81, 1.17)
[3157] Dental hygienists, assistants and technicians	16 (234)	1.60 (0.98, 2.61)	-	-	-	-

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Occupation Group*	Overall		Male		Female	
	Cases (Workers)	HR [†] (95% CI)	Cases (Workers)	HR [‡] (95% CI)	Cases (Workers)	HR [‡] (95% CI)
[3159] Other occupations in medicine and health, n.e.c.	68 (1,106)	1.39 (1.09, 1.76)	16 (203)	2.45 (1.50, 3.98)	52 (903)	1.23 (0.93, 1.61)
[33] Artistic, literary, recreational and related occupations	248 (5,524)	1.16 (1.02, 1.32)	110 (2,807)	1.24 (1.03, 1.49)	138 (2,717)	1.08 (0.91, 1.28)
<i>[331] Occupations in Fine and Commercial Art Photography and Related Fields</i>	30 (728)	1.05 (0.73, 1.50)	15 (409)	1.12 (0.67, 1.85)	15 (319)	0.98 (0.59, 1.63)
[3311] Painters, sculptors and related artists	<5 (48)	-	-	-	-	-
[3313] Product and interior designers	11 (167)	1.63 (0.90, 2.92)	-	-	-	-
[3314] Advertising and illustrating artists	<5 (138)	-	-	-	-	-
[3315] Photographers and cameramen	5 (152)	0.85 (0.36, 2.05)	-	-	-	-
[3319] Occupations in fine and commercial art, photography and related fields, n.e.c.	10 (223)	1.20 (0.64, 2.22)	-	-	-	-
<i>[333] Occupations in Performing and Audiovisual Arts</i>	32 (860)	1.01 (0.72, 1.43)	22 (600)	1.14 (0.75, 1.73)	10 (260)	0.82 (0.44, 1.52)
[3330] Producers and directors, performing and audio-visual arts	<5 (29)	-	-	-	-	-
[3332] Musicians	<5 (74)	-	-	-	-	-
[3333] Dancers and choreographers	<5 (17)	-	-	-	-	-
[3335] Actors	<5 (35)	-	-	-	-	-
[3337] Radio and television announcers	<5 (15)	-	-	-	-	-
[3339] Occupations in performing and audio-visual arts, n.e.c.	27 (690)	1.07 (0.74, 1.57)	18 (496)	1.12 (0.71, 1.78)	9 (194)	0.99 (0.51, 1.90)
<i>[335] Occupations in Writing</i>	6 (202)	0.71 (0.32, 1.57)	0 (66)	-	6 (136)	0.96 (0.43, 2.13)
[3352] Writers and editors	<5 (115)	-	-	-	-	-
[3355] Translators and interpreters	<5 (87)	-	-	-	-	-
<i>[337] Occupations in Sport and Recreation</i>	180 (3,734)	1.24 (1.07, 1.44)	73 (1,732)	1.36 (1.08, 1.71)	107 (2,002)	1.14 (0.94, 1.38)
[3370] Coaches, trainers, instructors and managers, sport and recreation	74 (1,605)	1.17 (0.93, 1.47)	25 (589)	1.43 (0.97, 2.12)	49 (1,016)	1.02 (0.77, 1.36)
[3371] Referees and related officials	<5 (35)	-	-	-	-	-
[3373] Athletes	<5 (13)	-	-	-	-	-
[3375] Attendants, sport and recreation	101 (2,041)	1.28 (1.06, 1.56)	47 (1,087)	1.36 (1.02, 1.81)	54 (954)	1.21 (0.93, 1.58)

Table A2. Hazard Ratios for Dermatitis Among Occupation Groups

Occupation Group*	Overall		Male		Female	
	Cases (Workers)	HR† (95% CI)	Cases (Workers)	HR‡ (95% CI)	Cases (Workers)	HR‡ (95% CI)
[3379] Occupations in sport and recreation, n.e.c.	<5 (40)	-	-	-	-	-
[41] Clerical and related occupations	2,042 (48,636)	1.03 (0.98, 1.08)	696 (20,742)	1.03 (0.95, 1.11)	1,346 (27,894)	1.04 (0.98, 1.10)
<i>[411] Stenographic and Typing Occupations</i>	79 (1,751)	0.95 (0.76, 1.19)	0 (44)	-	79 (1,707)	0.99 (0.80, 1.24)
[4111] Secretaries and stenographers	71 (1,563)	0.96 (0.76, 1.21)	0 (36)	-	71 (1,527)	1.00 (0.79, 1.26)
[4113] Typists and clerk-typists	8 (188)	0.90 (0.45, 1.79)	0 (8)	-	8 (180)	0.95 (0.47, 1.89)
<i>[413] Bookkeepers, Tellers and Cashiers, and other clerks</i>	427 (9,208)	1.04 (0.95, 1.15)	44 (1,401)	0.98 (0.73, 1.31)	383 (7,807)	1.05 (0.95, 1.16)
[4130] Supervisors: bookkeeping, account-recording and related occupations	6 (212)	0.63 (0.28, 1.40)	0 (39)	-	6 (173)	0.74 (0.33, 1.64)
[4131] Bookkeepers and accounting clerks	24 (504)	1.00 (0.67, 1.50)	-	-	-	-
[4133] Tellers and cashiers	299 (6,429)	1.04 (0.93, 1.17)	24 (752)	1.02 (0.68, 1.52)	275 (5,677)	1.03 (0.92, 1.17)
[4135] Insurance, bank and other finance clerks	10 (277)	0.81 (0.44, 1.51)	-	-	-	-
[4137] Statistical clerks	19 (596)	0.84 (0.53, 1.31)	13 (392)	1.00 (0.58, 1.73)	6 (204)	0.62 (0.28, 1.38)
[4139] Bookkeeping, account-recording and related occupations, n.e.c.	69 (1,191)	1.27 (1.01, 1.61)	5 (135)	1.14 (0.48, 2.72)	64 (1,056)	1.31 (1.02, 1.67)
<i>[414] Office Machine and Electronic Data Processing Equipment Operators</i>	38 (637)	1.37 (0.99, 1.87)	7 (132)	1.67 (0.80, 3.49)	31 (505)	1.32 (0.93, 1.88)
[4143] Electronic data-processing equipment operators	38 (637)	1.37 (0.99, 1.87)	7 (132)	1.67 (0.80, 3.49)	31 (505)	1.32 (0.93, 1.88)
<i>[415] Material Recording Scheduling and Distributing Occupations</i>	439 (12,983)	0.94 (0.86, 1.03)	323 (10,080)	0.98 (0.88, 1.10)	116 (2,903)	0.84 (0.70, 1.01)
[4150] Supervisors: material recording, scheduling and distributing occupations	50 (1,275)	1.08 (0.82, 1.43)	37 (960)	1.17 (0.84, 1.61)	13 (315)	0.89 (0.52, 1.52)
[4151] Production clerks	34 (651)	1.33 (0.95, 1.87)	18 (367)	1.50 (0.94, 2.37)	16 (284)	1.19 (0.73, 1.95)
[4153] Shipping and receiving clerks	255 (8,489)	0.85 (0.75, 0.97)	203 (7,031)	0.89 (0.77, 1.02)	52 (1,458)	0.75 (0.57, 0.99)
[4155] Stock clerks and related occupations	100 (2,568)	1.04 (0.86, 1.27)	65 (1,722)	1.16 (0.91, 1.48)	35 (846)	0.88 (0.63, 1.22)
<i>[416] Library File and Correspondence Clerks and Related Occupations</i>	11 (272)	0.89 (0.49, 1.60)	-	-	-	-
[4160] Supervisors: library, file and correspondence clerks and related occupations	<5 (59)	-	-	-	-	-
[4161] Library and file clerks	9 (213)	0.92 (0.48, 1.77)	-	-	-	-

Table A2. Hazard Ratios for Dermatitis Among Occupation Groups

Occupation Group*	Overall		Male		Female	
	Cases (Workers)	HR [†] (95% CI)	Cases (Workers)	HR [‡] (95% CI)	Cases (Workers)	HR [‡] (95% CI)
[4170/1/5/7/9] Other Reception Information Mail And Message Distribution Occupations	140 (3,520)	1.09 (1.00, 1.18)	65 (1,897)	1.03 (0.81, 1.32)	75 (1,623)	0.99 (0.79, 1.24)
[4170] Supervisors: reception, information, mail and message distribution occupations	10 (154)	1.59 (0.85, 2.95)	-	-	-	-
[4171] Receptionists and information clerks	37 (1,074)	0.74 (0.54, 1.02)	0 (59)	-	37 (1,015)	0.78 (0.57, 1.08)
[4175] Telephone operators	7 (91)	1.74 (0.83, 3.65)	-	-	-	-
[4177] Messengers	86 (2,200)	1.09 (0.89, 1.35)	62 (1,765)	1.06 (0.83, 1.36)	24 (435)	1.17 (0.79, 1.75)
[4172] Mail carriers	156 (4,302)	0.93 (0.79, 1.09)	81 (2,496)	0.97 (0.78, 1.21)	75 (1,806)	0.88 (0.70, 1.10)
[4172] Mail carriers	156 (4,302)	0.93 (0.79, 1.09)	81 (2,496)	0.97 (0.78, 1.21)	75 (1,806)	0.88 (0.70, 1.10)
[4173] Mail and postal clerks	129 (2,668)	1.18 (0.99, 1.41)	49 (1,186)	1.25 (0.94, 1.65)	80 (1,482)	1.16 (0.93, 1.44)
[4173] Mail and postal clerks	129 (2,668)	1.18 (0.99, 1.41)	49 (1,186)	1.25 (0.94, 1.65)	80 (1,482)	1.16 (0.93, 1.44)
[419] Other clerical and related occupations	623 (13,299)	0.95 (0.76, 1.19)	125 (3,470)	1.11 (0.93, 1.32)	498 (9,829)	1.09 (1.00, 1.19)
[4190] Supervisors: other clerical and related occupations, n.e.c.	8 (265)	0.69 (0.34, 1.37)	-	-	-	-
[4191] Collectors	11 (246)	1.06 (0.58, 1.91)	-	-	-	-
[4192] Adjusters, claim	5 (90)	1.26 (0.53, 3.03)	0 (23)	-	5 (67)	1.60 (0.67, 3.83)
[4193] Travel clerks, ticket, station and freight agents	59 (1,166)	1.23 (0.95, 1.59)	19 (434)	1.36 (0.87, 2.13)	40 (732)	1.17 (0.86, 1.60)
[4194] Hotel clerks	19 (399)	1.16 (0.74, 1.81)	6 (130)	1.48 (0.66, 3.28)	13 (269)	1.04 (0.60, 1.79)
[4195] Personnel clerks	6 (167)	0.77 (0.35, 1.72)	-	-	-	-
[4197] General office clerks	156 (3,340)	1.01 (0.86, 1.18)	10 (288)	1.07 (0.58, 1.99)	146 (3,052)	1.03 (0.87, 1.21)
[4199] Other clerical and related occupations, n.e.c.	359 (7,623)	1.12 (1.01, 1.24)	87 (2,430)	1.10 (0.89, 1.36)	272 (5,193)	1.12 (1.00, 1.27)
[51] Sales occupations	1,914 (49,574)	0.97 (0.92, 1.01)	730 (23,032)	1.00 (0.93, 1.08)	1,184 (26,542)	0.94 (0.89, 1.00)
<i>[513/514] Sales Occupations Commodities</i>	1,814 (46,661)	0.97 (0.93, 1.02)	701 (21,874)	1.02 (0.94, 1.10)	1,113 (24,787)	0.95 (0.89, 1.01)
[5130] Supervisors: sales occupations, commodities	294 (8,034)	0.88 (0.79, 0.99)	88 (3,095)	0.86 (0.70, 1.06)	206 (4,939)	0.88 (0.77, 1.01)
[5131] Technical salesmen and related advisers	14 (377)	0.97 (0.58, 1.64)	-	-	-	-
[5135] Salesmen and salespersons, commodities, n.e.c.	1,497 (37,914)	1.00 (0.95, 1.05)	596 (18,297)	1.04 (0.96, 1.13)	901 (19,617)	0.98 (0.91, 1.05)
[5145] Service station attendants	9 (336)	0.74 (0.38, 1.42)	-	-	-	-

Table A2. Hazard Ratios for Dermatitis Among Occupation Groups

Occupation Group*	Overall		Male		Female	
	Cases (Workers)	HR [†] (95% CI)	Cases (Workers)	HR [‡] (95% CI)	Cases (Workers)	HR [‡] (95% CI)
<i>[519] Other Sales Occupations</i>	98 (2,764)	0.87 (0.72, 1.06)	29 (1,101)	0.85 (0.59, 1.22)	69 (1,663)	0.89 (0.70, 1.13)
[5191] Buyers, wholesale and retail trade	57 (1,690)	0.82 (0.63, 1.06)	12 (650)	0.59 (0.34, 1.04)	45 (1,040)	0.92 (0.69, 1.24)
[5199] Other sales occupations, n.e.c.	41 (1,074)	0.97 (0.71, 1.31)	17 (451)	1.23 (0.77, 1.98)	24 (623)	0.84 (0.56, 1.25)
[61] Service occupations	3,996 (97,397)	1.04 (1.01, 1.08)	1,619 (46,697)	1.10 (1.04, 1.16)	2,377 (50,700)	1.00 (0.96, 1.05)
<i>[6111] Fire-fighting occupations</i>	105 (3,329)	0.95 (0.78, 1.15)	99 (3,142)	0.97 (0.79, 1.18)	6 (187)	0.67 (0.30, 1.50)
[6111] Fire-fighting occupations	105 (3,329)	0.95 (0.78, 1.15)	99 (3,142)	0.97 (0.79, 1.18)	6 (187)	0.67 (0.30, 1.50)
[6112/3] Police and detectives	226 (7,077)	0.91 (0.79, 1.03)	171 (5,684)	0.94 (0.81, 1.09)	55 (1,393)	0.83 (0.64, 1.08)
[6112] Policemen and detectives, government	213 (6,699)	0.90 (0.79, 1.04)	161 (5,424)	0.93 (0.79, 1.08)	52 (1,275)	0.86 (0.66, 1.13)
[6113] Policemen and investigators, private	13 (378)	0.93 (0.54, 1.60)	-	-	-	-
[6115/9] Other protective service occupations	247 (6,216)	1.09 (0.96, 1.24)	151 (4,306)	1.10 (0.94, 1.29)	96 (1,910)	1.08 (0.88, 1.32)
[6115] Guards and watchmen	247 (6,087)	1.12 (0.98, 1.26)	151 (4,207)	1.13 (0.96, 1.32)	96 (1,880)	1.09 (0.90, 1.34)
[6123/5] Waiters, hostesses, stewards, and bartenders, food and beverage	308 (7,092)	1.02 (0.91, 1.14)	58 (1,540)	1.21 (0.93, 1.57)	250 (5,552)	0.96 (0.84, 1.08)
[6123] Bartenders	44 (1,064)	1.02 (0.76, 1.37)	10 (387)	0.83 (0.45, 1.55)	34 (677)	1.07 (0.76, 1.50)
[6125] Waiters, hostesses and stewards, food and beverage	264 (6,028)	1.02 (0.90, 1.15)	48 (1,153)	1.34 (1.01, 1.77)	216 (4,875)	0.94 (0.82, 1.08)
[6129] Food and beverage preparation and related service occupations, n.e.c.	641 (13,974)	1.14 (1.05, 1.24)	196 (5,267)	1.24 (1.07, 1.42)	445 (8,707)	1.10 (1.00, 1.20)
<i>[613] Occupations in lodging and other accommodation</i>	29 (625)	1.22 (0.85, 1.76)	18 (380)	1.47 (0.93, 2.34)	11 (245)	0.96 (0.53, 1.73)
[6130] Supervisors: occupations in lodging and other accommodation	5 (154)	0.79 (0.33, 1.91)	-	-	-	-
[6139] Occupations in lodging and other accommodation, n.e.c.	24 (471)	1.37 (0.92, 2.05)	14 (315)	1.38 (0.82, 2.33)	10 (156)	1.38 (0.74, 2.56)
[6141/4/5/7/9] Other personal service occupations	643 (12,996)	1.09 (1.01, 1.18)	52 (1,058)	1.53 (1.17, 2.01)	591 (11,938)	1.06 (0.98, 1.16)
[6144] Guides	<5 (77)	-	-	-	-	-
[6145] Hostesses and stewards, except food and beverage	51 (1,041)	1.15 (0.87, 1.51)	15 (210)	2.29 (1.38, 3.80)	36 (831)	0.93 (0.67, 1.29)
[6147] Babysitters	32 (535)	1.34 (0.95, 1.89)	-	-	-	-
[6149] Personal service occupations, n.e.c.	555 (11,323)	1.07 (0.98, 1.17)	35 (783)	1.37 (0.99, 1.91)	520 (10,540)	1.06 (0.97, 1.16)

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Occupation Group*	Overall		Male		Female	
	Cases (Workers)	HR† (95% CI)	Cases (Workers)	HR‡ (95% CI)	Cases (Workers)	HR‡ (95% CI)
[6143] Barbers, hairdressers and related occupations	25 (376)	1.49 (1.00, 2.20)	0 (20)	-	25 (356)	1.55 (1.05, 2.29)
[6162/5] Laundering, dry cleaning and pressing occupations	64 (1,624)	0.90 (0.70, 1.15)	10 (419)	0.73 (0.39, 1.35)	54 (1,205)	0.96 (0.74, 1.25)
[6162] Laundering and dry cleaning occupations	58 (1,441)	0.92 (0.71, 1.19)	10 (363)	0.85 (0.45, 1.57)	48 (1,078)	0.95 (0.72, 1.27)
[6165] Pressing occupations	6 (183)	0.76 (0.34, 1.69)	0 (56)	-	6 (127)	1.02 (0.46, 2.27)
[6191] Janitors, charworkers and cleaners	972 (24,942)	0.99 (0.92, 1.05)	452 (13,176)	1.04 (0.94, 1.14)	520 (11,766)	0.95 (0.87, 1.03)
[71] Farming, horticultural and animal husbandry occupations	370 (12,299)	0.85 (0.76, 0.94)	252 (9,237)	<i>0.86 (0.76, 0.98)</i>	118 (3,062)	<i>0.81 (0.68, 0.98)</i>
<i>[7180/7197/7199] Foremen: other farming, horticultural and animal husbandry occupations</i>	53 (1,616)	0.85 (0.65, 1.11)	20 (842)	0.74 (0.48, 1.14)	33 (774)	0.91 (0.65, 1.28)
[7180] Foremen: other farming, horticultural and animal husbandry occupations	22 (817)	0.76 (0.50, 1.16)	13 (644)	0.63 (0.36, 1.08)	9 (173)	1.11 (0.58, 2.14)
[7199] Other farming, horticultural and animal husbandry occupations, n.e.c.	31 (799)	0.93 (0.65, 1.32)	7 (198)	1.12 (0.53, 2.34)	24 (601)	0.85 (0.57, 1.27)
<i>[7182/7195] Farm, nursery and related workers</i>	306 (10,258)	<i>0.85 (0.76, 0.95)</i>	226 (8,085)	0.89 (0.78, 1.02)	80 (2,173)	<i>0.78 (0.62, 0.97)</i>
[7182] Farm workers	98 (4,200)	<i>0.66 (0.54, 0.80)</i>	65 (3,177)	<i>0.64 (0.50, 0.82)</i>	33 (1,023)	<i>0.68 (0.48, 0.96)</i>
[7195] Nursery and related workers	208 (6,058)	1.00 (0.87, 1.14)	161 (4,908)	1.06 (0.91, 1.24)	47 (1,150)	0.87 (0.65, 1.15)
<i>[7112/7131] Farmers And Farm Management Occupations</i>	11 (425)	0.71 (0.40, 1.29)	6 (310)	0.60 (0.27, 1.33)	5 (115)	0.92 (0.39, 2.22)
[7112] Farmers	11 (425)	0.71 (0.40, 1.29)	6 (310)	0.60 (0.27, 1.33)	5 (115)	0.92 (0.39, 2.22)
[75] Forestry and logging occupations	36 (1,154)	0.93 (0.67, 1.28)	29 (1,047)	0.85 (0.59, 1.23)	7 (107)	1.42 (0.68, 2.97)
<i>[751] Forestry and Logging Occupations</i>	36 (1,154)	0.93 (0.67, 1.28)	29 (1,047)	0.85 (0.59, 1.23)	7 (107)	1.42 (0.68, 2.97)
[7510] Foremen: forestry and logging occupations	<5 (33)	-	-	-	-	-
[7511] Forestry conservation occupations	6 (190)	0.94 (0.42, 2.10)	-	-	-	-
[7513] Timber cutting and related occupations	8 (334)	0.72 (0.36, 1.45)	8 (329)	0.74 (0.37, 1.48)	0 (5)	-
[7517] Log hoisting, sorting, moving and related occupations	9 (254)	1.07 (0.55, 2.05)	-	-	-	-
[7518] Occupations in labouring and other elemental work, forestry and logging	12 (343)	1.01 (0.57, 1.78)	-	-	-	-

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Occupation Group*	Overall		Male		Female	
	Cases (Workers)	HR† (95% CI)	Cases (Workers)	HR‡ (95% CI)	Cases (Workers)	HR‡ (95% CI)
[77] Mining and quarrying including oil and gas field occupations	54 (1,870)	0.88 (0.67, 1.14)	54 (1827)	0.91 (0.69, 1.18)	0 (43)	-
<i>[7710/7/8/9] Other Mining And Quarrying Including Oil And Gas Field Occupations (Old 3-digit code: 771)</i>	51 (1,745)	0.89 (0.67, 1.17)	51 (1703)	0.92 (0.70, 1.21)	0 (42)	-
[7710] Foremen: mining and quarrying including oil and gas field occupations	<5 (88)	-	-	-	-	-
[7717] Mining and quarrying: cutting, handling and loading occupations	6 (283)	0.66 (0.30, 1.46)	6 (271)	0.70 (0.31, 1.55)	0 (10)	-
[7718] Occupations in labouring and other elemental work, mining and quarrying including oil and gas fields	5 (139)	1.08 (0.45, 2.60)	5 (129)	1.24 (0.52, 2.96)	0 (12)	-
[7719] Mining and quarrying including oil and gas field occupations, n.e.c.	38 (1,235)	0.93 (0.68, 1.28)	38 (1219)	0.95 (0.69, 1.3)	0 (16)	-
<i>[7711/3/5] Drilling And Blasting Occupations</i>	<5 (125)	-	-	-	-	-
[81] Processing occupations	534 (13,894)	1.06 (0.97, 1.15)	349 (10,390)	1.02 (0.92, 1.14)	185 (3,504)	1.13 (0.97, 1.30)
<i>[813/814] Metal Processing and Related Occupations</i>	139 (4,438)	0.92 (0.78, 1.09)	117 (4,030)	0.88 (0.73, 1.06)	22 (408)	1.16 (0.76, 1.76)
[8130] Foremen: metal processing and related occupations	5 (222)	0.67 (0.28, 1.60)	5 (205)	0.73 (0.31, 1.76)	0 (17)	-
[8137] Moulding, coremaking and metal casting occupations	23 (868)	0.78 (0.52, 1.17)	-	-	-	-
[8143] Plating, metal spraying and related occupations	15 (398)	1.08 (0.65, 1.80)	-	-	-	-
[8149] Metal processing and related occupations, n.e.c.	96 (2,950)	0.96 (0.78, 1.17)	80 (2,696)	0.90 (0.73, 1.13)	16 (254)	1.38 (0.84, 2.25)
<i>[815] Clay Glass and Stone Processing Forming and Related Occupations</i>	15 (633)	0.72 (0.43, 1.19)	-	-	-	-
[8155] Forming occupations: clay, glass and stone	15 (633)	0.72 (0.43, 1.19)	-	-	-	-
<i>[816/817] Chemicals Petroleum Rubber Plastic and Related Materials Processing Occupations</i>	380 (8,823)	1.15 (1.03, 1.27)	218 (5,758)	1.16 (1.02, 1.33)	162 (3,065)	1.13 (0.96, 1.32)

Table A2. Hazard Ratios for Dermatitis Among Occupation Groups

Occupation Group*	Overall		Male		Female	
	Cases (Workers)	HR† (95% CI)	Cases (Workers)	HR‡ (95% CI)	Cases (Workers)	HR‡ (95% CI)
[8160] Foremen: chemicals, petroleum, rubber, plastic and related materials processing occupations	5 (113)	1.22 (0.51, 2.93)	-	-	-	-
[8178] Occupations in labouring and other elemental work: chemicals, petroleum, rubber, plastic and related materials processing	97 (2,298)	1.13 (0.92, 1.37)	58 (1,493)	1.21 (0.93, 1.56)	39 (805)	1.03 (0.75, 1.41)
[8179] Chemicals, petroleum, rubber, plastic and related materials processing occupations, n.e.c.	278 (6,412)	1.15 (1.02, 1.29)	157 (4,183)	1.14 (0.98, 1.34)	121 (2,229)	1.16 (0.97, 1.38)
[82] Processing occupations	859 (20,697)	1.09 (1.02, 1.17)	473 (12,813)	1.14 (1.04, 1.25)	386 (7,884)	1.04 (0.94, 1.15)
<i>[821/822] Food and Beverage and Related Processing Occupations</i>	638 (14,678)	1.12 (1.04, 1.21)	318 (8,183)	1.21 (1.08, 1.35)	320 (6,495)	1.05 (0.94, 1.17)
[8210] Foremen: food, beverage and related processing occupations	9 (366)	0.65 (0.34, 1.24)	-	-	-	-
[8213] Baking, confectionery making and related occupations	70 (1,808)	0.94 (0.75, 1.19)	22 (686)	1.01 (0.66, 1.53)	48 (1,122)	0.91 (0.69, 1.21)
[8215] Slaughtering and meat cutting, canning, curing and packing occupations	82 (2,038)	1.11 (0.90, 1.38)	53 (1,508)	1.09 (0.84, 1.43)	29 (530)	1.16 (0.81, 1.67)
[8217] Fish canning, curing and packing occupations	<5 (181)	-	-	-	-	-
[8226] Inspecting, testing, grading and sampling occupations: food, beverage and related processing	16 (444)	0.88 (0.54, 1.44)	9 (198)	1.38 (0.72, 2.65)	7 (246)	0.61 (0.29, 1.27)
[8228] Occupations in labouring and other elemental work: food, beverage and related processing	342 (7,192)	1.21 (1.09, 1.35)	164 (3,746)	1.37 (1.18, 1.60)	178 (3,446)	1.10 (0.95, 1.28)
[8229] Food, beverage and related processing occupations, n.e.c.	117 (2,649)	1.17 (0.98, 1.40)	68 (1,735)	1.20 (0.94, 1.52)	49 (914)	1.14 (0.86, 1.51)
<i>[823] Wood Processing Occupations Except Paper Pulp</i>	16 (751)	0.61 (0.38, 1.00)	-	-	-	-
[8231] Sawmill sawyers and related occupations	7 (413)	0.50 (0.24, 1.04)	-	-	-	-
[8236] Inspecting, testing, grading and sampling occupations: wood processing, except pulp and papermaking	<5 (93)	-	-	-	-	-

Table A2. Hazard Ratios for Dermatitis Among Occupation Groups

Occupation Group*	Overall		Male		Female	
	Cases (Workers)	HR [†] (95% CI)	Cases (Workers)	HR [‡] (95% CI)	Cases (Workers)	HR [‡] (95% CI)
[8239] Wood processing occupations, except pulp and papermaking, n.e.c.	8 (245)	0.93 (0.46, 1.85)	8 (207)	1.17 (0.58, 2.33)	0 (38)	-
<i>[825] Pulp and Papermaking and Related Occupations</i>	22 (645)	0.96 (0.63, 1.45)	-	-	-	-
[8250] Foremen: pulp and papermaking and related occupations	<5 (99)	-	-	-	-	-
[8251] Cellulose pulp preparing occupations	6 (170)	0.99 (0.45, 2.21)	6 (143)	1.25 (0.56, 2.78)	0 (27)	-
[8253] Papermaking and finishing occupations	15 (376)	1.11 (0.67, 1.83)	-	-	-	-
<i>[826/827] Textile Processing Occupations</i>	54 (1,389)	0.98 (0.75, 1.28)	17 (741)	0.69 (0.43, 1.11)	37 (648)	1.22 (0.89, 1.69)
[8260] Foremen: textile processing occupations	<5 (38)	-	-	-	-	-
[8267] Textile weaving occupations	11 (318)	0.84 (0.47, 1.52)	-	-	-	-
[8276] Inspecting, testing, grading and sampling occupations, textile processing	<5 (81)	-	-	-	-	-
[8278] Occupations in labouring and other elemental work, textile processing	31 (771)	1.03 (0.72, 1.46)	10 (432)	0.70 (0.38, 1.30)	21 (339)	1.34 (0.88, 2.06)
[8279] Textile processing occupations, n.e.c.	6 (182)	0.85 (0.38, 1.89)	-	-	-	-
<i>[829] Other Processing Occupations</i>	129 (3,234)	1.15 (0.97, 1.37)	106 (2,714)	1.21 (1.00, 1.47)	23 (520)	0.94 (0.62, 1.41)
[8293] Tobacco processing occupations	<5 (26)	-	-	-	-	-
[8298] Occupations in labouring and other elemental work, other processing	128 (3,182)	1.16 (0.97, 1.38)	106 (2,675)	1.23 (1.02, 1.49)	22 (507)	0.92 (0.61, 1.40)
[83] Machining and related occupations	1,177 (30,682)	1.13 (1.06, 1.20)	1,008 (27,290)	1.14 (1.07, 1.21)	169 (3,392)	1.06 (0.91, 1.24)
<i>[831] Metal Machining Occupations</i>	286 (6,712)	1.28 (1.14, 1.43)	262 (6,303)	1.27 (1.12, 1.44)	24 (409)	1.25 (0.84, 1.87)
[8310] Foremen: metal machining occupations	11 (179)	1.83 (1.02, 3.31)	-	-	-	-
[8311] Tool and die making occupations	74 (1,814)	1.23 (0.98, 1.54)	74 (1,745)	1.30 (1.03, 1.63)	0 (69)	-
[8313] Machinist and machine tool setting-up occupations	117 (2,710)	1.29 (1.08, 1.55)	106 (2,566)	1.25 (1.04, 1.52)	11 (144)	1.68 (0.93, 3.02)
[8315] Machine tool operating occupations	84 (2,009)	1.24 (1.00, 1.53)	72 (1,827)	1.20 (0.95, 1.52)	12 (182)	1.41 (0.80, 2.48)
<i>[833] Metal Shaping and Forming Occupations Except Machining</i>	791 (21,355)	1.08 (1.01, 1.16)	659 (18,740)	1.08 (1.00, 1.17)	132 (2,615)	1.08 (0.91, 1.28)
[8330] Foremen: metal shaping and forming occupations, except machining	6 (226)	0.79 (0.36, 1.76)	-	-	-	-

Table A2. Hazard Ratios for Dermatitis Among Occupation Groups

Occupation Group*	Overall		Male		Female	
	Cases (Workers)	HR [†] (95% CI)	Cases (Workers)	HR [‡] (95% CI)	Cases (Workers)	HR [‡] (95% CI)
[8331] Forging occupations	15 (503)	0.87 (0.52, 1.44)	-	-	-	-
[8333] Sheet metal workers	34 (1,117)	0.93 (0.67, 1.31)	34 (1094)	0.97 (0.69, 1.35)	0 (23)	-
[8334] Metalworking-machine operators, n.e.c.	309 (7,502)	1.16 (1.03, 1.29)	233 (6,007)	1.18 (1.04, 1.34)	76 (1,495)	1.08 (0.86, 1.35)
[8335] Welding and flame cutting occupations	235 (6,703)	1.05 (0.93, 1.20)	216 (6,282)	1.07 (0.93, 1.22)	19 (421)	0.96 (0.61, 1.51)
[8337] Boilermakers, platers and structural metal workers	46 (1,231)	1.10 (0.82, 1.47)	41 (1,134)	1.10 (0.81, 1.49)	5 (97)	1.10 (0.46, 2.65)
[8339] Metal shaping and forming occupations, except machining, n.e.c.	146 (4,073)	1.04 (0.89, 1.23)	116 (3,543)	1.01 (0.84, 1.21)	30 (530)	1.21 (0.85, 1.74)
<i>[835] Wood Machining Occupations</i>	52 (1,634)	0.92 (0.70, 1.21)	45 (1,419)	0.96 (0.72, 1.29)	7 (215)	0.69 (0.33, 1.45)
[8350] Foremen: wood machining occupations	<5 (92)	-	-	-	-	-
[8355] Planing, turning, shaping and related wood machining occupations	51 (1,542)	0.95 (0.73, 1.26)	44 (1,339)	1.00 (0.74, 1.34)	7 (203)	0.73 (0.35, 1.53)
<i>[837/839] Other Machining and Related Occupations</i>	48 (981)	1.40 (1.06, 1.86)	42 (828)	1.54 (1.14, 2.08)	6 (153)	0.83 (0.37, 1.84)
[8391] Engravers, etchers and related occupations	18 (382)	1.39 (0.87, 2.20)	-	-	-	-
[8395] Patternmakers and mouldmakers, n.e.c.	17 (332)	1.47 (0.91, 2.37)	-	-	-	-
[8396] Inspecting, testing, grading and sampling occupations, machining, n.e.c.	13 (267)	1.34 (0.78, 2.31)	-	-	-	-
[85] Product fabricating, assembling and repairing occupations	2,140 (56,646)	1.07 (1.03, 1.12)	1,577 (46,079)	1.05 (1.00, 1.11)	563 (10,567)	1.14 (1.05, 1.24)
<i>[853] Fabricating Assembling Installing and Repairing Occupations Electrical and Electronic and Related Equipment</i>	276 (7,571)	1.02 (0.91, 1.15)	194 (6,079)	0.96 (0.84, 1.11)	82 (1,492)	1.17 (0.95, 1.46)
[8530] Foremen: fabricating, assembling, installing and repairing occupations, electrical, electronic and related equipment	23 (610)	1.11 (0.74, 1.67)	-	-	-	-
[8531] Electrical equipment fabricating and assembling occupations	73 (1,938)	0.99 (0.79, 1.25)	39 (1,313)	0.89 (0.65, 1.21)	34 (625)	1.16 (0.83, 1.63)
[8533] Electrical and related equipment installing and repairing occupations, n.e.c.	63 (2,386)	0.80 (0.62, 1.02)	-	-	-	-
[8535] Electronic and related equipment installing and repairing occupations, n.e.c.	117 (2,637)	1.20 (1.00, 1.44)	73 (1,888)	1.17 (0.93, 1.48)	44 (749)	1.26 (0.94, 1.69)

Table A2. Hazard Ratios for Dermatitis Among Occupation Groups

Occupation Group*	Overall		Male		Female	
	Cases (Workers)	HR† (95% CI)	Cases (Workers)	HR‡ (95% CI)	Cases (Workers)	HR‡ (95% CI)
<i>[854] Fabricating Assembling and Repairing Occupations Wood Products</i>	123 (3,210)	1.13 (0.95, 1.35)	101 (2,871)	1.09 (0.90, 1.32)	22 (339)	1.39 (0.91, 2.11)
[8541] Cabinet and wood furniture makers	78 (2,005)	1.15 (0.92, 1.43)	64 (1,806)	1.09 (0.85, 1.40)	14 (199)	1.52 (0.90, 2.56)
[8549] Fabricating, assembling and repairing occupations, wood products, n.e.c.	45 (1,205)	1.10 (0.82, 1.47)	37 (1,065)	1.08 (0.79, 1.50)	8 (140)	1.21 (0.61, 2.42)
<i>[855/856] Fabricating Assembling and Repairing Occupations Textile Fur and Leather Products</i>	83 (1,663)	1.14 (0.92, 1.42)	18 (440)	1.23 (0.78, 1.96)	65 (1,223)	1.14 (0.89, 1.46)
[8550] Foremen: fabricating, assembling and repairing occupations, textile, fur and leather products	<5 (38)	-	-	-	-	-
[8551] Patternmaking, marking and cutting occupations: textile, fur and leather products	14 (279)	1.28 (0.76, 2.17)	6 (160)	1.13 (0.51, 2.51)	8 (119)	1.43 (0.72, 2.86)
[8561] Shoemaking and repairing occupations	<5 (11)	-	-	-	-	-
[8562] Upholsterers	10 (225)	1.23 (0.66, 2.29)	-	-	-	-
[8563] Sewing machine operators, textile and similar materials	50 (865)	1.25 (0.95, 1.65)	-	-	-	-
[8566] Inspecting, testing, grading and sampling occupations: fabricating, assembling and repairing, textile, fur and leather products	<5 (42)	-	-	-	-	-
[8569] Fabricating, assembling and repairing occupations: textile, fur and leather products, n.e.c.	5 (203)	0.52 (0.22, 1.26)	0 (14)	-	5 (189)	0.57 (0.24, 1.37)
<i>[857] Fabricating Assembling and Repairing Occupations Rubber Plastic and Related Products</i>	17 (321)	1.51 (0.94, 2.42)	12 (261)	1.40 (0.80, 2.46)	5 (60)	1.82 (0.76, 4.38)
[8570] Foremen: fabricating, assembling and repairing occupations, rubber, plastic and related products	17 (321)	1.51 (0.94, 2.42)	12 (261)	1.40 (0.80, 2.46)	5 (60)	1.82 (0.76, 4.38)
<i>[858] Mechanics and Repairers Except Electrical</i>	642 (20,775)	0.93 (0.86, 1.01)	620 (20,226)	0.93 (0.86, 1.01)	22 (549)	0.84 (0.55, 1.28)
[8581] Motor vehicle mechanics and repairmen	322 (11,601)	0.84 (0.76, 0.94)	314 (11,318)	0.86 (0.77, 0.96)	8 (283)	0.59 (0.30, 1.18)
[8582] Aircraft mechanics and repairmen	30 (659)	1.38 (0.97, 1.98)	30 (639)	1.44 (1.01, 2.06)	0 (20)	-

Table A2. Hazard Ratios for Dermatitis Among Occupation Groups

Occupation Group*	Overall		Male		Female	
	Cases (Workers)	HR [†] (95% CI)	Cases (Workers)	HR [‡] (95% CI)	Cases (Workers)	HR [‡] (95% CI)
[8583] Rail transport equipment mechanics and repairmen	12 (153)	2.42 (1.37, 4.25)	12 (150)	2.46 (1.40, 4.32)	0 (3)	-
[8584] Industrial, farm and construction machinery mechanics and repairmen	255 (7,764)	0.98 (0.87, 1.11)	244 (7,561)	0.96 (0.85, 1.09)	11 (203)	1.16 (0.64, 2.08)
[8588] Precision instrument mechanics and repairmen	5 (131)	1.15 (0.48, 2.77)	5 (126)	1.21 (0.50, 2.90)	0 (5)	-
[8589] Mechanics and repairmen, except electrical, n.e.c.	18 (467)	1.14 (0.72, 1.81)	-	-	-	-
<i>[859] Other Product Fabricating Assembling and Repairing Occupations</i>	469 (10,691)	1.19 (1.09, 1.31)	313 (7,651)	1.25 (1.12, 1.40)	156 (3,040)	1.09 (0.93, 1.28)
[8590] Foremen: product fabricating, assembling and repairing occupations, n.e.c.	18 (450)	1.12 (0.70, 1.77)	-	-	-	-
[8592] Marine craft fabricating, assembling and repairing occupations	<5 (50)	-	-	-	-	-
[8593] Paper product fabricating and assembling occupations	28 (790)	0.97 (0.67, 1.41)	20 (613)	0.97 (0.63, 1.51)	8 (177)	0.96 (0.48, 1.92)
[8595] Painting and decorating occupations, except construction	78 (1,659)	1.33 (1.07, 1.67)	61 (1,388)	1.32 (1.03, 1.70)	17 (271)	1.34 (0.83, 2.15)
[8599] Other product fabricating, assembling and repairing occupations, n.e.c.	343 (7,720)	1.19 (1.07, 1.33)	217 (5,230)	1.27 (1.11, 1.46)	126 (2,490)	1.08 (0.90, 1.28)
[87] Construction trades occupations	1,358 (49,560)	<i>0.82 (0.77, 0.87)</i>	1,308 (48,413)	<i>0.82 (0.77, 0.87)</i>	50 (1,147)	0.93 (0.70, 1.22)
<i>[871] Excavating Grading Paving and Related Occupations</i>	92 (3,566)	<i>0.77 (0.63, 0.95)</i>	-	-	-	-
[8710] Foremen: excavating, grading, paving and related occupations	10 (473)	0.64 (0.34, 1.18)	10 (460)	0.65 (0.35, 1.20)	0 (13)	-
[8711] Excavating, grading and related occupations	69 (2,804)	<i>0.74 (0.58, 0.93)</i>	-	-	-	-
[8715] Railway sectionmen and trackmen	13 (289)	1.36 (0.79, 2.35)	-	-	-	-
<i>[873] Electrical Power Lighting and Wire Communications Equipment Erecting Installing and Repairing Occupations</i>	256 (7,532)	1.03 (0.91, 1.17)	240 (7,309)	1.01 (0.89, 1.14)	16 (223)	1.54 (0.94, 2.51)

Table A2. Hazard Ratios for Dermatitis Among Occupation Groups

Occupation Group*	Overall		Male		Female	
	Cases (Workers)	HR [†] (95% CI)	Cases (Workers)	HR [‡] (95% CI)	Cases (Workers)	HR [‡] (95% CI)
[8730] Foremen: electrical power, lighting and wire communications equipment erecting, installing and repairing occupations	17 (493)	1.03 (0.64, 1.66)	-	-	-	-
[8733] Construction electricians and repairmen	137 (3,995)	1.05 (0.89, 1.24)	-	-	-	-
[8735] Wire communications and related equipment installing and repairing occupations	74 (2,289)	0.97 (0.77, 1.22)	67 (2,183)	0.94 (0.74, 1.20)	7 (106)	1.41 (0.67, 2.96)
[8739] Electrical power, lighting and wire communications equipment erecting, installing and repairing occupations, n.e.c.	28 (757)	1.11 (0.77, 1.61)	-	-	-	-
<i>[878/879] Other Construction Trades Occupations</i>	1,010 (38,462)	0.79 (0.74, 0.84)	980 (37,641)	0.79 (0.74, 0.85)	30 (821)	0.78 (0.54, 1.11)
[8780] Foremen: other construction trades occupations	34 (1,569)	0.65 (0.47, 0.91)	-	-	-	-
[8781] Carpenters and related occupations	136 (5,715)	0.73 (0.62, 0.86)	-	-	-	-
[8782] Brick and stone masons and tile setters	30 (1,260)	0.73 (0.51, 1.04)	30 (1,250)	0.73 (0.51, 1.04)	0 (10)	-
[8783] Concrete finishing and related occupations	12 (527)	0.70 (0.40, 1.23)	12 (524)	0.70 (0.40, 1.23)	0 (3)	-
[8784] Plasterers and related occupations	50 (1,544)	0.99 (0.75, 1.30)	-	-	-	-
[8785] Painters, paperhangers and related occupations	46 (1,257)	1.09 (0.82, 1.46)	-	-	-	-
[8786] Insulating occupations, construction	6 (327)	0.57 (0.26, 1.27)	6 (316)	0.60 (0.27, 1.33)	0 (11)	-
[8787] Roofing, waterproofing and related occupations	34 (1,586)	0.67 (0.48, 0.94)	34 (1,573)	0.69 (0.49, 0.96)	0 (13)	-
[8791] Pipefitting, plumbing and related occupations	109 (3,497)	0.95 (0.79, 1.15)	-	-	-	-
[8793] Structural metal erectors	20 (618)	0.99 (0.64, 1.54)	20 (611)	1.01 (0.65, 1.57)	0 (7)	-
[8795] Glaziers	15 (587)	0.78 (0.47, 1.30)	-	-	-	-
[8796] Inspecting, testing, grading and sampling occupations, construction, except electrical	9 (302)	0.87 (0.45, 1.67)	-	-	-	-
[8799] Other construction trades occupations, n.e.c.	509 (19,675)	0.79 (0.72, 0.86)	494 (19,269)	0.80 (0.73, 0.87)	15 (406)	0.79 (0.47, 1.30)
[91] Transport equipment operating occupations	1,309 (40,639)	0.93 (0.88, 0.99)	1,097 (36,175)	0.91 (0.85, 0.97)	212 (4,464)	1.02 (0.89, 1.16)

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Occupation Group*	Overall		Male		Female	
	Cases (Workers)	HR [†] (95% CI)	Cases (Workers)	HR [‡] (95% CI)	Cases (Workers)	HR [‡] (95% CI)
<i>[911] Air Transport Operating Occupations</i>	128 (3,183)	1.18 (0.99, 1.40)	101 (2,739)	1.16 (0.96, 1.41)	27 (444)	1.31 (0.90, 1.91)
[9111] Air pilots, navigators and flight engineers	6 (221)	0.81 (0.37, 1.81)	-	-	-	-
[9113] Air transport operating support occupations	<5 (33)	-	-	-	-	-
[9119] Air transport operating occupations, n.e.c.	120 (2,929)	1.20 (1.00, 1.44)	94 (2,512)	1.18 (0.96, 1.45)	26 (417)	1.34 (0.92, 1.97)
<i>[913] Railway Transport Operating Occupations</i>	26 (802)	0.95 (0.65, 1.39)	-	-	-	-
[9130] Foremen: railway transport operating occupations	<5 (57)	-	-	-	-	-
[9131] Locomotive engineers and firemen	10 (220)	1.35 (0.72, 2.50)	10 (216)	1.34 (0.72, 2.50)	0 (4)	-
[9133] Conductors and brakemen, railway	8 (274)	0.84 (0.42, 1.68)	-	-	-	-
[9135] Railway transport operating support occupations	6 (252)	0.70 (0.32, 1.56)	6 (233)	0.77 (0.35, 1.72)	0 (19)	-
<i>[915] Water Transport Operating Occupations</i>	19 (474)	1.16 (0.74, 1.82)	-	-	-	-
[9151] Deck officers	<5 (74)	-	-	-	-	-
[9153] Engineering officers, ship	<5 (59)	-	-	-	-	-
[9155] Deck crew, ship	9 (201)	1.33 (0.69, 2.56)	9 (181)	1.55 (0.81, 2.97)	0 (20)	-
[9159] Water transport operating occupations, n.e.c.	<5 (93)	-	-	-	-	-
<i>[9170/1/3/9] Other Motor Transport Operating Occupations</i>	194 (6,124)	0.93 (0.81, 1.07)	176 (5,578)	0.96 (0.83, 1.11)	18 (546)	0.70 (0.44, 1.11)
[9170] Foremen: motor transport operating occupations	10 (215)	1.35 (0.73, 2.51)	5 (188)	0.80 (0.34, 1.91)	5 (27)	4.22 (1.76, 10.1)
[9173] Taxi drivers and chauffeurs	9 (247)	1.02 (0.53, 1.95)	-	-	-	-
[9179] Motor transport operating occupations, n.e.c.	175 (5,662)	0.91 (0.79, 1.06)	164 (5,206)	0.96 (0.82, 1.12)	11 (456)	0.51 (0.28, 0.92)
<i>[9175] Truck Drivers</i>	592 (22,022)	0.79 (0.73, 0.86)	553 (21,081)	0.78 (0.71, 0.85)	39 (941)	0.88 (0.64, 1.20)
[9175] Truck Drivers	592 (22,022)	0.79 (0.73, 0.86)	553 (21,081)	0.78 (0.71, 0.85)	39 (941)	0.88 (0.64, 1.20)
<i>[919] Other Transport and Related Equipment Operating Occupations</i>	351 (8,035)	1.18 (1.06, 1.31)	227 (5,610)	1.22 (1.07, 1.39)	124 (2,425)	1.10 (0.92, 1.31)
[9199] Other transport and related equipment operating occupations, n.e.c.	351 (8,035)	1.18 (1.06, 1.31)	227 (5,610)	1.22 (1.07, 1.39)	124 (2,425)	1.10 (0.92, 1.31)

Table A2. Hazard Ratios for Dermatitis Among Occupation Groups

Occupation Group*	Overall		Male		Female	
	Cases (Workers)	HR† (95% CI)	Cases (Workers)	HR‡ (95% CI)	Cases (Workers)	HR‡ (95% CI)
[93] Materials handling and related occupations, n.e.c.	908 (25,290)	1.03 (0.96, 1.10)	674 (20,734)	1.01 (0.93, 1.09)	234 (4,556)	1.10 (0.97, 1.25)
<i>[931] Material Handling and Related Occupations NEC</i>	908 (25,290)	1.03 (0.96, 1.10)	674 (20,734)	1.01 (0.93, 1.09)	234 (4,556)	1.10 (0.97, 1.25)
[9310] Foremen: materials handling and related occupations, n.e.c.	<5 (48)	-	-	-	-	-
[9311] Hoisting occupations, n.e.c.	16 (703)	0.69 (0.42, 1.12)	16 (686)	0.70 (0.43, 1.15)	0 (17)	-
[9313] Longshoremen, stevedores and freight handlers	14 (608)	0.70 (0.41, 1.18)	-	-	-	-
[9318] Occupations in labouring and other elemental work, materials handling	877 (23,931)	1.05 (0.98, 1.12)	644 (19,434)	1.03 (0.95, 1.11)	233 (4,497)	1.11 (0.97, 1.26)
[95] Other crafts and equipment operating occupations	157 (3,668)	1.19 (1.02, 1.39)	107 (2,850)	1.13 (0.93, 1.36)	50 (818)	1.31 (0.99, 1.73)
<i>[951] Printing and Related Occupations</i>	100 (2,413)	1.13 (0.93, 1.37)	62 (1,777)	1.05 (0.81, 1.34)	38 (636)	1.28 (0.93, 1.76)
[9510] Foremen: printing and related occupations	<5 (98)	-	-	-	-	-
[9511] Typesetters and compositors	<5 (42)	-	-	-	-	-
[9512] Printing press occupations	36 (1,022)	1.01 (0.73, 1.40)	30 (898)	0.99 (0.69, 1.42)	6 (124)	1.02 (0.46, 2.26)
[9515] Photoengravers and related occupations	7 (131)	1.47 (0.70, 3.08)	-	-	-	-
[9517] Bookbinders and related occupations	26 (565)	1.18 (0.81, 1.74)	12 (340)	1.06 (0.60, 1.87)	14 (225)	1.32 (0.78, 2.23)
[9519] Printing and related occupations, n.e.c.	26 (555)	1.24 (0.85, 1.82)	14 (358)	1.18 (0.70, 1.99)	12 (197)	1.33 (0.76, 2.34)
<i>[953] Stationary Engine and Utilities Equipment Operating and Related Occupations</i>	45 (999)	1.33 (0.99, 1.78)	40 (919)	1.31 (0.96, 1.79)	5 (80)	1.34 (0.56, 3.21)
[9531] Power station operators	7 (200)	1.00 (0.48, 2.09)	-	-	-	-
[9539] Stationary engine and utilities equipment operating and related occupations, n.e.c.	38 (799)	1.42 (1.03, 1.95)	-	-	-	-
<i>[955/959] Other Crafts and Equipment Operating Occupations NEC</i>	12 (256)	1.24 (0.70, 2.18)	5 (154)	1.00 (0.42, 2.41)	7 (102)	1.48 (0.71, 3.10)
[9551] Radio and television broadcasting equipment operators	<5 (26)	-	-	-	-	-
[9555] Sound recording and reproduction equipment operators	<5 (107)	-	-	-	-	-
[9591] Photographic processing occupations	6 (123)	1.16 (0.52, 2.59)	-	-	-	-

Table A2. Hazard Ratios for Dermatitis Among Occupation Groups

Occupation Group*	Overall		Male		Female	
	Cases (Workers)	HR† (95% CI)	Cases (Workers)	HR‡ (95% CI)	Cases (Workers)	HR‡ (95% CI)
[99] Occupation not elsewhere classified	1,303 (36,375)	1.01 (0.96, 1.07)	908 (28,175)	1.02 (0.95, 1.09)	395 (8,200)	1.03 (0.93, 1.14)
<i>[991] Occupations Not Elsewhere Classified</i>	1,303 (36,375)	1.01 (0.96, 1.07)	908 (28,175)	1.02 (0.95, 1.09)	395 (8,200)	1.03 (0.93, 1.14)
[9918] Labourers, N.E.C.	1,303 (36,375)	1.01 (0.96, 1.07)	908 (28,175)	1.02 (0.95, 1.09)	395 (8,200)	1.03 (0.93, 1.14)

*[CCDO 1971] Occupation Major Group

[CCDO 1971] Occupation Minor Group

[CCDO 1971] Occupation Unit Group

Definition of abbreviations: HR=hazard ratio, CI=confidence interval, NEC=not elsewhere classified

Dashes indicate suppression of results for groups with <5 cases

Statistically significant ($\alpha=0.05$ level) increased risks are bolded and statistically significant decreased risks are italicized

† The risk of dermatitis in a particular group relative to all other workers in the cohort, adjusted for birth year and sex

‡ The sex-specific risk of dermatitis among a particular group relative to all other workers of that sex, adjusted for birth year

Table A3. Hazard Ratios for Dermatitis Among Exposure Agents derived from Occupational Asthma-specific Job Exposure Matrix

Exposure Agents	Overall Exposure		Medium Exposure		High Exposure	
	Cases (Workers)	HR* (95% CI)	Cases (Workers)	HR† (95% CI)	Cases (Workers)	HR‡ (95% CI)
HMW - Animal	138 (5,258)	0.71 (0.60, 0.84)	137 (5,205)	0.71 (0.60, 0.84)	-	-
HMW - Fish/Shellfish	504 (13,450)	1.01 (0.92, 1.10)	502 (13,404)	1.01 (0.92, 1.10)	-	-
HMW - Flour	483 (12,909)	0.99 (0.91, 1.08)	414 (11,102)	1.00 (0.91, 1.10)	69 (1,807)	0.93 (0.73, 1.17)
HMW - Other Foods (milk, eggs)	483 (12,909)	0.99 (0.91, 1.08)	483 (12,909)	0.99 (0.91, 1.08)	-	-
HMW - Other Plants	348 (11,671)	0.85 (0.76, 0.94)	140 (5,614)	0.70 (0.59, 0.83)	208 (6,057)	0.99 (0.86, 1.13)
HMW Mite and Insect - Storage	199 (6,858)	0.76 (0.66, 0.88)	199 (6,858)	0.76 (0.66, 0.88)	-	-
HMW Mite and Insect - Plants	347 (11,645)	0.85 (0.76, 0.94)	139 (5,588)	0.70 (0.59, 0.83)	208 (6,057)	0.99 (0.86, 1.13)
HMW - Enzymes	483 (12,909)	0.99 (0.91, 1.08)	483 (12,909)	0.99 (0.91, 1.08)	-	-
HMW - Latex	1,615 (39,273)	0.89 (0.85, 0.94)	1144 (26,941)	0.94 (0.88, 0.99)	471 (12,332)	0.81 (0.74, 0.89)
HMW Microbial Irritants - Textile Dusts	126 (2,745)	1.11 (0.93, 1.32)	115 (2,427)	1.14 (0.95, 1.37)	11 (318)	0.84 (0.47, 1.52)
Microbial Irritants - Molds Fungi	428 (14,122)	0.85 (0.77, 0.94)	428 (14,122)	0.85 (0.77, 0.94)	-	-
Microbial Irritants - Endotoxin	394 (13,021)	0.85 (0.77, 0.93)	363 (12,222)	0.84 (0.76, 0.93)	31 (799)	0.92 (0.65, 1.31)
HMW or LMW - Pharmaceutical Drugs	18 (397)	1.11 (0.70, 1.76)	18 (397)	1.11 (0.70, 1.76)	-	-
LMW Irritants - High-level Chemical Disinfectants	1,799 (44,420)	0.89 (0.85, 0.94)	1,799 (44,420)	0.89 (0.85, 0.94)	-	-
LMW Irritants - Aliphatic Amines	528 (13,134)	1.17 (1.07, 1.28)	259 (6,126)	1.21 (1.07, 1.37)	269 (7,008)	1.13 (1.00, 1.27)
LMW Irritants - Isocyanates	239 (6,737)	1.05 (0.93, 1.20)	161 (5,079)	0.96 (0.82, 1.12)	78 (1,658)	1.33 (1.06, 1.66)
LMW Irritants - Acrylates	258 (6,795)	1.12 (0.99, 1.26)	258 (6,795)	1.12 (0.99, 1.26)	-	-
LMW Irritants - Epoxy Resins	822 (24,285)	0.99 (0.92, 1.06)	301 (7,377)	1.12 (1.00, 1.26)	521 (16,908)	0.93 (0.85, 1.01)
LMW Irritants - Persulfate and Henna	25 (376)	1.48 (1.00, 2.19)	-	-	25 (376)	1.48 (1.00, 2.19)
LMW Irritants - Wood Dusts	397 (14,050)	0.84 (0.76, 0.93)	251 (9,660)	0.78 (0.69, 0.89)	146 (4,390)	0.96 (0.81, 1.13)
LMW Irritants - Metal and Metal Fumes	2,895 (80,550)	1.05 (1.01, 1.09)	2,447 (67,491)	1.05 (1.01, 1.10)	448 (13,059)	1.03 (0.93, 1.13)
LMW Irritants - Metal Working Fluids	796 (20,026)	1.16 (1.08, 1.24)	49 (1,515)	0.98 (0.74, 1.29)	747 (18,511)	1.17 (1.09, 1.26)
Irritants - Herbicides	375 (12,652)	0.84 (0.76, 0.93)	260 (7,838)	0.95 (0.84, 1.08)	115 (4,814)	0.67 (0.56, 0.80)
Irritants - Insecticides	384 (12,905)	0.83 (0.75, 0.92)	67 (2,224)	0.81 (0.63, 1.02)	317 (10,681)	0.84 (0.75, 0.94)
Irritants - Fungicides	781 (22,255)	0.99 (0.92, 1.06)	464 (11,574)	1.12 (1.02, 1.23)	317 (10,681)	0.84 (0.75, 0.94)
Irritants - Indoor Cleaning Products	3,939 (96,659)	0.96 (0.93, 0.99)	2,928 (71,931)	0.98 (0.94, 1.02)	1,011 (24,728)	0.90 (0.84, 0.96)

Table A3. Hazard Ratios for Dermatitis Among Exposure Agents derived from Occupational Asthma-specific Job Exposure Matrix

Exposure Agents	Overall Exposure		Medium Exposure		High Exposure	
	Cases (Workers)	HR* (95% CI)	Cases (Workers)	HR† (95% CI)	Cases (Workers)	HR‡ (95% CI)
Irritants - Bleach	2,459 (62,206)	<i>0.90 (0.87, 0.94)</i>	1,448 (37,478)	<i>0.91 (0.86, 0.96)</i>	1,011 (24,728)	<i>0.89 (0.84, 0.96)</i>
Irritants - Organic Solvents	3,055 (83,310)	1.05 (1.01, 1.09)	2,816 (77,763)	1.03 (0.99, 1.08)	239 (5,547)	1.21 (1.06, 1.37)
Irritants - Exhaust Fumes	3,292 (109,820)	<i>0.85 (0.82, 0.88)</i>	1,803 (58,224)	<i>0.86 (0.82, 0.91)</i>	1,489 (51,596)	<i>0.83 (0.78, 0.87)</i>

*The risk of dermatitis for all occupations with exposure to a particular agent compared to occupations with no exposure

†The risk of dermatitis for all occupations with medium exposure to a particular agent compared to occupations with no exposure

‡The risk of dermatitis for all occupations with high exposure to a particular agent compared to occupations with no exposure

Definition of abbreviations: HR=hazard ratio, CI=confidence interval, NEC=not elsewhere classified

Dashes indicate suppression of results for groups with <5 cases

Statistically significant ($\alpha=0.05$ level) increased risks are bolded and statistically significant decreased risks are italicized