
12 – Dermatological and Breast Abnormalities

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12.1 HEALTH EXAMINATION

12.1.1 DERMATITIS

Appendix 12A : Health examination physician diagnosed dermatitis: Multiple logistic regression summary for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.64	0.42	0.96
Richmond vs Exposed	0.70	0.48	1.02
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.84	0.18	3.89
30-34yrs vs 60-64yrs	1.04	0.30	3.55
35-39yrs vs 60-64yrs	1.15	0.37	3.57
40-44yrs vs 60-64yrs	1.72	0.61	4.86
45-49yrs vs 60-64yrs	2.05	0.75	5.59
50-54yrs vs 60-64yrs	1.92	0.68	5.37
55-59yrs vs 60-64yrs	1.91	0.65	5.57
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.97	0.64	1.47
1985-1989 vs 1975-1979	0.82	0.49	1.35
1990-1994 vs 1975-1979	0.88	0.45	1.72
1995-1999 vs 1975-1979	1.16	0.47	2.87
RANK CATEGORY			
Civilian vs Enlisted	0.95	0.32	2.79
Non Comm Officer vs Enlisted	0.92	0.61	1.39
Officer vs Enlisted	0.74	0.27	2.06
Unknown vs Enlisted	1.23	0.38	4.04
OS EXPOSURE			
OS Exposure vs No OS exposure	1.12	0.73	1.73

Appendix 12A continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
SS EXPOSURE			
SS Exposure vs No SS exposure	0.73	0.48	1.11
H.S.A. CENTRE			
Adelaide vs Brisbane	2.30	1.24	4.27
Canberra vs Brisbane	1.25	0.50	3.13
Ipswich vs Brisbane	2.05	1.30	3.24
Melbourne vs Brisbane	2.13	1.13	4.01
Newcastle vs Brisbane	2.25	1.16	4.37
Parramatta vs Brisbane	1.92	1.24	2.98
Perth vs Brisbane	1.36	0.58	3.21

SS = *Skin Sensitiser*

Appendix 12B : Health examination physician diagnosed dermatitis: Most parsimonious model obtained by logistic regression for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.64	0.43	0.95
Richmond vs Exposed	0.69	0.48	1.00
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.89	0.24	3.28
30-34yrs vs 60-64yrs	0.95	0.32	2.77
35-39yrs vs 60-64yrs	1.03	0.37	2.86
40-44yrs vs 60-64yrs	1.68	0.63	4.46
45-49yrs vs 60-64yrs	1.97	0.74	5.22
50-54yrs vs 60-64yrs	1.81	0.65	5.01
55-59yrs vs 60-64yrs	1.81	0.62	5.26
H.S.A. CENTRE			
Adelaide vs Brisbane	2.29	1.24	4.24
Canberra vs Brisbane	1.27	0.51	3.15
Ipswich vs Brisbane	2.03	1.30	3.20
Melbourne vs Brisbane	2.18	1.16	4.09
Newcastle vs Brisbane	2.23	1.15	4.32
Parramatta vs Brisbane	1.97	1.28	3.05
Perth vs Brisbane	1.42	0.61	3.33

Appendix 12C : Health examination physician diagnosed dermatitis: Multiple logistic regression with confidence intervals computed using robust standard error estimates derived after clustering for HSA centre

EFFECT	ORs?	95% CONFIDENCE LIMITS	
GROUP			
Amberley	0.64	0.49	0.82
Richmond	0.70	0.57	0.85
Exposed	1.00	1.00	1.00
AGE CATEGORY			
25-29yrs	0.84	0.43	1.64
30-34yrs	1.04	0.54	1.98
35-39yrs	1.15	0.49	2.69
40-44yrs	1.72	0.97	3.07
45-49yrs	2.05	0.99	4.24
50-54yrs	1.92	1.08	3.42
55-59yrs	1.91	0.96	3.79
60-64yrs	1.00	1.00	1.00
POSTING CATEGORY			
1980-1984	0.97	0.73	1.28
1985-1989	0.82	0.58	1.14
1990-1994	0.88	0.45	1.72
1995-1999	1.16	0.38	3.57
1975-1979	1.00	1.00	1.00
RANK CATEGORY			
Civilian	0.95	0.26	3.47
Non Comm Officer	0.92	0.70	1.22
Officer	0.74	0.36	1.51
Unknown	1.23	0.60	2.54
Enlisted	1.00	1.00	1.00
OS EXPOSURE			
OS Exposure	1.12	0.87	1.45
No OS exposure	1.00	1.00	1.00
SS EXPOSURE			
SS Exposure	0.73	0.55	0.99
No SS exposure	1.00	1.00	1.00

Appendix 12C continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
H.S.A. CENTRE			
Adelaide	2.34	2.19	2.49
Canberra	1.26	1.12	1.43
Ipswich	2.11	1.96	2.27
Melbourne	2.15	1.98	2.33
Newcastle	2.28	2.14	2.43
Parramatta	1.96	1.86	2.07
Perth	1.38	1.29	1.48
Brisbane	1.00	1.00	1.00

Appendix 12D : Health examination physician diagnosed dermatitis: Multiple logistic regression where the exposed group are all those in Program 1

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.69	0.42	1.13
Richmond vs Exposed	0.77	0.49	1.22
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.67	0.11	4.13
30-34yrs vs 60-64yrs	0.84	0.21	3.44
35-39yrs vs 60-64yrs	0.58	0.16	2.04
40-44yrs vs 60-64yrs	1.23	0.41	3.68
45-49yrs vs 60-64yrs	1.64	0.57	4.71
50-54yrs vs 60-64yrs	1.46	0.50	4.32
55-59yrs vs 60-64yrs	1.54	0.50	4.70
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.02	0.65	1.60
1985-1989 vs 1975-1979	0.77	0.41	1.46
1990-1994 vs 1975-1979	1.29	0.57	2.91
1995-1999 vs 1975-1979	1.30	0.41	4.12
RANK CATEGORY			
Civilian vs Enlisted	1.82	0.15	21.53
Non Comm Officer vs Enlisted	0.81	0.51	1.29
Officer vs Enlisted	0.50	0.14	1.82
Unknown vs Enlisted	1.06	0.27	4.11
OS EXPOSURE			
OS Exposure vs No OS exposure	1.12	0.69	1.80
SS EXPOSURE			
SS Exposure vs No SS exposure	0.70	0.44	1.12

Appendix 12D continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
H.S.A. CENTRE			
Adelaide vs Brisbane	2.52	1.32	4.81
Canberra vs Brisbane	0.97	0.32	2.94
Ipswich vs Brisbane	2.08	1.19	3.63
Melbourne vs Brisbane	2.11	1.06	4.20
Newcastle vs Brisbane	1.66	0.74	3.69
Parramatta vs Brisbane	1.88	1.16	3.07
Perth vs Brisbane	1.41	0.59	3.38

Appendix 12E : Health examination physician diagnosed dermatitis: Multiple logistic regression where the exposed group are all those in Program 2

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.56	0.33	0.96
Richmond vs Exposed	0.62	0.37	1.04
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.52	0.08	3.30
30-34yrs vs 60-64yrs	0.94	0.23	3.75
35-39yrs vs 60-64yrs	0.70	0.19	2.63
40-44yrs vs 60-64yrs	1.35	0.41	4.48
45-49yrs vs 60-64yrs	1.40	0.44	4.48
50-54yrs vs 60-64yrs	1.60	0.48	5.33
55-59yrs vs 60-64yrs	1.33	0.38	4.67
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.92	0.55	1.53
1985-1989 vs 1975-1979	0.76	0.42	1.37
1990-1994 vs 1975-1979	0.92	0.44	1.94
1995-1999 vs 1975-1979	1.06	0.34	3.33
RANK CATEGORY			
Civilian vs Enlisted	0.76	0.22	2.63
Non Comm Officer vs Enlisted	0.82	0.51	1.31
Officer vs Enlisted	0.91	0.28	2.94
Unknown vs Enlisted	1.79	0.28	11.57
OS EXPOSURE			
OS Exposure vs No OS exposure	0.93	0.56	1.56
SS EXPOSURE			
SS Exposure vs No SS exposure	0.74	0.46	1.20

Appendix 12E continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
H.S.A. CENTRE			
Adelaide vs Brisbane	2.38	1.13	5.01
Canberra vs Brisbane	1.09	0.36	3.34
Ipswich vs Brisbane	2.81	1.59	4.96
Melbourne vs Brisbane	2.54	1.25	5.16
Newcastle vs Brisbane	2.57	1.19	5.56
Parramatta vs Brisbane	2.39	1.41	4.05
Perth vs Brisbane	1.14	0.38	3.47

Appendix 12F : Health examination physician diagnosed dermatitis: Multiple logistic regression where exposed are classified by dose and contrasted to the unexposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Mild exposure vs Unexposed	1.05	0.61	1.80
Moderate exposure vs Unexposed	1.52	0.95	2.45
Prolonged exposure vs Unexposed	1.61	1.00	2.59
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.88	0.18	4.19
30-34yrs vs 60-64yrs	1.00	0.29	3.47
35-39yrs vs 60-64yrs	0.83	0.26	2.64
40-44yrs vs 60-64yrs	1.54	0.54	4.39
45-49yrs vs 60-64yrs	1.77	0.64	4.90
50-54yrs vs 60-64yrs	1.74	0.62	4.91
55-59yrs vs 60-64yrs	1.58	0.53	4.72
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.08	0.70	1.65
1985-1989 vs 1975-1979	0.90	0.54	1.52
1990-1994 vs 1975-1979	0.97	0.48	1.95
1995-1999 vs 1975-1979	1.20	0.46	3.09
RANK CATEGORY			
Civilian vs Enlisted	0.87	0.26	2.95
Non Comm Officer vs Enlisted	0.87	0.57	1.33
Officer vs Enlisted	0.83	0.30	2.36
Unknown vs Enlisted	1.42	0.42	4.78
OS EXPOSURE			
OS Exposure vs No OS exposure	1.06	0.68	1.65
SS EXPOSURE			
SS Exposure vs No SS exposure	0.82	0.53	1.25

Appendix 12F continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
H.S.A. CENTRE			
Adelaide vs Brisbane	2.49	1.33	4.64
Canberra vs Brisbane	1.20	0.44	3.23
Ipswich vs Brisbane	2.29	1.42	3.67
Melbourne vs Brisbane	2.08	1.08	3.98
Newcastle vs Brisbane	2.03	1.01	4.09
Parramatta vs Brisbane	1.97	1.25	3.09
Perth vs Brisbane	1.45	0.61	3.43

12.1.2 SKIN LESION CARCINOMA/MELANOMA

Appendix 12G : Skin lesion carcinoma/melanoma: Multiple logistic regression summary for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.85	0.49	1.49
Richmond vs Exposed	0.77	0.44	1.32
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.23	0.03	1.81
30-34yrs vs 60-64yrs	0.22	0.05	1.07
35-39yrs vs 60-64yrs	0.69	0.21	2.26
40-44yrs vs 60-64yrs	0.45	0.15	1.30
45-49yrs vs 60-64yrs	0.39	0.14	1.07
50-54yrs vs 60-64yrs	0.50	0.18	1.41
55-59yrs vs 60-64yrs	0.95	0.35	2.59
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.04	0.58	1.88
1985-1989 vs 1975-1979	0.71	0.34	1.48
1990-1994 vs 1975-1979	0.65	0.23	1.81
1995-1999 vs 1975-1979	0.92	0.24	3.44
RANK CATEGORY			
Civilian vs Enlisted	0.61	0.07	5.23
Non Comm Officer vs Enlisted	1.55	0.87	2.75
Officer vs Enlisted	1.46	0.48	4.49
Unknown vs Enlisted	1.58	0.37	6.70
OS EXPOSURE			
OS Exposure vs No OS exposure	0.45	0.24	0.86
SS EXPOSURE			
SS Exposure vs No SS exposure	1.29	0.73	2.29

Appendix 12G continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
H.S.A. CENTRE			
Adelaide vs Brisbane	1.25	0.41	3.79
Canberra vs Brisbane	0.83	0.18	3.77
Ipswich vs Brisbane	2.20	1.14	4.24
Melbourne vs Brisbane	1.47	0.53	4.09
Newcastle vs Brisbane	1.00	0.29	3.50
Parramatta vs Brisbane	3.98	2.25	7.06
Perth vs Brisbane	0.45	0.06	3.47

**Appendix 12H : Skin lesion carcinoma/melanoma: Most parsimonious model
obtained by logistic regression for all exposed**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.87	0.51	1.50
Richmond vs Exposed	0.78	0.46	1.32
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.18	0.03	0.93
30-34yrs vs 60-64yrs	0.13	0.04	0.47
35-39yrs vs 60-64yrs	0.47	0.18	1.21
40-44yrs vs 60-64yrs	0.35	0.13	0.90
45-49yrs vs 60-64yrs	0.33	0.12	0.87
50-54yrs vs 60-64yrs	0.48	0.17	1.33
55-59yrs vs 60-64yrs	1.04	0.39	2.78
OS EXPOSURE			
OS Exposure vs No OS exposure	0.51	0.31	0.86
H.S.A. CENTRE			
Adelaide vs Brisbane	1.23	0.41	3.73
Canberra vs Brisbane	0.81	0.18	3.62
Ipswich vs Brisbane	2.12	1.11	4.06
Melbourne vs Brisbane	1.47	0.53	4.08
Newcastle vs Brisbane	1.00	0.29	3.48
Parramatta vs Brisbane	3.82	2.18	6.70
Perth vs Brisbane	0.44	0.06	3.38

**Appendix 12I : Skin lesion carcinoma/melanoma : Multiple logistic regression
with confidence intervals computed using robust standard error estimates
derived after clustering for HSA centre**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley	0.85	0.61	1.18
Richmond	0.76	0.49	1.18
Exposed	1.00	1.00	1.00
AGE CATEGORY			
25-29yrs	0.23	0.05	1.04
30-34yrs	0.22	0.05	0.93
35-39yrs	0.69	0.18	2.68
40-44yrs	0.45	0.20	0.99
45-49yrs	0.38	0.13	1.10
50-54yrs	0.50	0.15	1.67
55-59yrs	0.96	0.52	1.76
60-64yrs	1.00	1.00	1.00
POSTING CATEGORY			
1980-1984	1.04	0.86	1.27
1985-1989	0.71	0.44	1.15
1990-1994	0.65	0.25	1.69
1995-1999	0.91	0.45	1.88
1975-1979	1.00	1.00	1.00
RANK CATEGORY			
Civilian	0.61	0.11	3.42
Non Comm Officer	1.55	1.09	2.20
Officer	1.47	0.55	3.91
Unknown	1.59	1.00	2.52
Enlisted	1.00	1.00	1.00
OS EXPOSURE			
OS Exposure	0.45	0.26	0.77
No OS exposure	1.00	1.00	1.00
SS EXPOSURE			
SS Exposure	1.29	0.83	2.02
No SS exposure	1.00	1.00	1.00

Appendix 12I continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
H.S.A. CENTRE			
Adelaide	1.34	1.19	1.50
Canberra	0.87	0.69	1.10
Ipswich	2.39	2.18	2.63
Melbourne	1.52	1.40	1.64
Newcastle	1.04	0.89	1.21
Parramatta	4.12	3.82	4.44
Perth	0.46	0.44	0.48
Brisbane	1.00	1.00	1.00

**Appendix 12J : Skin lesion carcinoma/melanoma : Multiple logistic regression
where the exposed group are all those in Program 1**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.94	0.48	1.85
Richmond vs Exposed	0.84	0.43	1.62
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.18	0.01	2.69
30-34yrs vs 60-64yrs	0.35	0.05	2.27
35-39yrs vs 60-64yrs	0.77	0.19	3.06
40-44yrs vs 60-64yrs	0.41	0.12	1.42
45-49yrs vs 60-64yrs	0.41	0.13	1.31
50-54yrs vs 60-64yrs	0.45	0.13	1.49
55-59yrs vs 60-64yrs	0.98	0.32	3.04
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.98	0.52	1.85
1985-1989 vs 1975-1979	0.47	0.18	1.20
1990-1994 vs 1975-1979	0.55	0.15	2.05
1995-1999 vs 1975-1979	0.89	0.17	4.60
RANK CATEGORY			
Non Comm Officer vs Enlisted	1.34	0.70	2.57
Officer vs Enlisted	1.84	0.56	6.00
Unknown vs Enlisted	0.87	0.16	4.89
OS EXPOSURE			
OS Exposure vs No OS exposure	0.36	0.17	0.76
SS EXPOSURE			
SS Exposure vs No SS exposure	1.27	0.68	2.36

Appendix 12J continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
H.S.A. CENTRE			
Adelaide vs Brisbane	1.05	0.29	3.73
Canberra vs Brisbane	0.97	0.21	4.57
Ipswich vs Brisbane	1.78	0.77	4.09
Melbourne vs Brisbane	1.62	0.56	4.68
Newcastle vs Brisbane	1.19	0.33	4.29
Parramatta vs Brisbane	4.35	2.30	8.22
Perth vs Brisbane	0.50	0.06	3.88

**Appendix 12K : Skin lesion carcinoma/melanoma : Multiple logistic regression
where the exposed group are all those in Program 2**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.84	0.39	1.81
Richmond vs Exposed	0.73	0.34	1.58
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.13	0.01	1.85
30-34yrs vs 60-64yrs	0.25	0.04	1.45
35-39yrs vs 60-64yrs	0.63	0.16	2.56
40-44yrs vs 60-64yrs	0.33	0.09	1.19
45-49yrs vs 60-64yrs	0.31	0.09	1.05
50-54yrs vs 60-64yrs	0.52	0.15	1.82
55-59yrs vs 60-64yrs	0.74	0.22	2.52
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.06	0.53	2.12
1985-1989 vs 1975-1979	0.52	0.22	1.23
1990-1994 vs 1975-1979	0.69	0.22	2.12
1995-1999 vs 1975-1979	0.90	0.18	4.54
RANK CATEGORY			
Civilian vs Enlisted	1.03	0.11	10.06
Non Comm Officer vs Enlisted	1.61	0.83	3.12
Officer vs Enlisted	1.28	0.31	5.32
Unknown vs Enlisted	2.84	0.34	23.89
OS EXPOSURE			
OS Exposure vs No OS exposure	0.42	0.19	0.89
SS EXPOSURE			
SS Exposure vs No SS exposure	1.28	0.67	2.46

Appendix 12K continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
H.S.A. CENTRE			
Adelaide vs Brisbane	1.71	0.53	5.50
Canberra vs Brisbane	0.54	0.07	4.36
Ipswich vs Brisbane	1.88	0.79	4.47
Melbourne vs Brisbane	1.82	0.62	5.36
Newcastle vs Brisbane	0.85	0.18	3.92
Parramatta vs Brisbane	4.71	2.36	9.41
Perth vs Brisbane	0.67	0.08	5.36

**Appendix 12L : Skin lesion carcinoma/melanoma: Multiple logistic regression
where exposed are classified by dose and contrasted to the unexposed**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Mild exposure vs Unexposed	0.89	0.40	1.99
Moderate exposure vs Unexposed	1.66	0.87	3.18
Prolonged exposure vs Unexposed	1.23	0.62	2.45
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.21	0.03	1.69
30-34yrs vs 60-64yrs	0.21	0.04	1.03
35-39yrs vs 60-64yrs	0.61	0.18	2.04
40-44yrs vs 60-64yrs	0.39	0.13	1.15
45-49yrs vs 60-64yrs	0.35	0.12	1.00
50-54yrs vs 60-64yrs	0.43	0.15	1.25
55-59yrs vs 60-64yrs	0.83	0.30	2.31
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.98	0.54	1.79
1985-1989 vs 1975-1979	0.66	0.31	1.41
1990-1994 vs 1975-1979	0.67	0.23	1.91
1995-1999 vs 1975-1979	1.01	0.26	3.90
RANK CATEGORY			
Civilian vs Enlisted	0.83	0.09	7.35
Non Comm Officer vs Enlisted	1.48	0.82	2.66
Officer vs Enlisted	1.50	0.48	4.69
Unknown vs Enlisted	1.02	0.19	5.47
OS EXPOSURE			
OS Exposure vs No OS exposure	0.46	0.24	0.89
SS EXPOSURE			
SS Exposure vs No SS exposure	1.26	0.70	2.26

Appendix 12L continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
H.S.A. CENTRE			
Adelaide vs Brisbane	1.45	0.47	4.47
Canberra vs Brisbane	1.03	0.22	4.71
Ipswich vs Brisbane	2.40	1.20	4.79
Melbourne vs Brisbane	1.64	0.58	4.62
Newcastle vs Brisbane	1.12	0.32	3.93
Parramatta vs Brisbane	4.54	2.50	8.25
Perth vs Brisbane	0.54	0.07	4.16

12.1.3 SKIN LESION OTHER

Appendix 12M : Skin lesion, other: Multiple logistic regression summary for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.56	0.40	0.78
Richmond vs Exposed	0.64	0.47	0.87
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.07	0.02	0.23
30-34yrs vs 60-64yrs	0.15	0.06	0.34
35-39yrs vs 60-64yrs	0.22	0.10	0.46
40-44yrs vs 60-64yrs	0.29	0.15	0.57
45-49yrs vs 60-64yrs	0.32	0.16	0.61
50-54yrs vs 60-64yrs	0.30	0.15	0.59
55-59yrs vs 60-64yrs	0.67	0.33	1.34
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.89	0.62	1.27
1985-1989 vs 1975-1979	1.13	0.76	1.69
1990-1994 vs 1975-1979	1.43	0.85	2.42
1995-1999 vs 1975-1979	1.76	0.87	3.60
RANK CATEGORY			
Civilian vs Enlisted	0.79	0.34	1.81
Non Comm Officer vs Enlisted	0.90	0.64	1.25
Officer vs Enlisted	2.28	1.11	4.66
Unknown vs Enlisted	0.41	0.14	1.24
OS EXPOSURE			
OS Exposure vs No OS exposure	0.98	0.69	1.39
SS EXPOSURE			
SS Exposure vs No SS exposure	0.99	0.71	1.38

Appendix 12M continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
H.S.A. CENTRE			
Adelaide vs Brisbane	1.72	1.04	2.83
Canberra vs Brisbane	0.21	0.07	0.63
Ipswich vs Brisbane	1.38	0.97	1.98
Melbourne vs Brisbane	0.43	0.21	0.87
Newcastle vs Brisbane	0.88	0.48	1.60
Parramatta vs Brisbane	1.20	0.85	1.70
Perth vs Brisbane	7.99	4.38	14.56

**Appendix 12N : Skin lesions, other: Most parsimonious model obtained by
logistic regression for all exposed**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.57	0.41	0.79
Richmond vs Exposed	0.64	0.47	0.88
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.13	0.05	0.34
30-34yrs vs 60-64yrs	0.21	0.10	0.44
35-39yrs vs 60-64yrs	0.26	0.13	0.52
40-44yrs vs 60-64yrs	0.32	0.16	0.61
45-49yrs vs 60-64yrs	0.34	0.18	0.64
50-54yrs vs 60-64yrs	0.31	0.16	0.61
55-59yrs vs 60-64yrs	0.65	0.32	1.31
RANK CATEGORY			
Civilian vs Enlisted	0.97	0.45	2.10
Non Comm Officer vs Enlisted	1.00	0.73	1.36
Officer vs Enlisted	2.55	1.27	5.10
Unknown vs Enlisted	0.44	0.15	1.34
H.S.A. CENTRE			
Adelaide vs Brisbane	1.70	1.03	2.79
Canberra vs Brisbane	0.22	0.07	0.64
Ipswich vs Brisbane	1.43	1.00	2.03
Melbourne vs Brisbane	0.43	0.21	0.86
Newcastle vs Brisbane	0.87	0.48	1.58
Parramatta vs Brisbane	1.20	0.85	1.69
Perth vs Brisbane	7.83	4.31	14.21

Appendix 12O : Skin lesions, other: Multiple logistic regression with confidence intervals computed using robust standard error estimates derived after clustering for HSA centre

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley	0.56	0.44	0.71
Richmond	0.64	0.51	0.80
Exposed	1.00	1.00	1.00
AGE CATEGORY			
25-29yrs	0.07	0.06	0.10
30-34yrs	0.15	0.11	0.20
35-39yrs	0.22	0.13	0.36
40-44yrs	0.29	0.16	0.52
45-49yrs	0.32	0.19	0.54
50-54yrs	0.30	0.20	0.44
55-59yrs	0.67	0.37	1.20
60-64yrs	1.00	1.00	1.00
POSTING CATEGORY			
1980-1984	0.89	0.71	1.12
1985-1989	1.13	0.60	2.15
1990-1994	1.43	1.00	2.06
1995-1999	1.76	0.94	3.31
1975-1979	1.00	1.00	1.00
RANK CATEGORY			
Civilian	0.79	0.58	1.07
Non Comm Officer	0.90	0.69	1.16
Officer	2.28	1.52	3.41
Unknown	0.41	0.27	0.63
Enlisted	1.00	1.00	1.00
OS EXPOSURE			
OS Exposure	0.98	0.72	1.32
No OS exposure	1.00	1.00	1.00

Appendix 12O continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
SS EXPOSURE			
SS Exposure	0.99	0.76	1.29
No SS exposure	1.00	1.00	1.00
H.S.A. CENTRE			
Adelaide	1.71	1.63	1.79
Canberra	0.21	0.19	0.24
Ipswich	1.38	1.32	1.45
Melbourne	0.43	0.40	0.46
Newcastle	0.88	0.82	0.94
Parramatta	1.21	1.11	1.31
Perth	7.93	7.29	8.62
Brisbane	1.00	1.00	1.00

Appendix 12P : Skin lesions, other: Multiple logistic regression where the exposed group are all those in Program 1

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.59	0.40	0.88
Richmond vs Exposed	0.67	0.46	0.98
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.11	0.03	0.47
30-34yrs vs 60-64yrs	0.19	0.07	0.53
35-39yrs vs 60-64yrs	0.22	0.09	0.53
40-44yrs vs 60-64yrs	0.34	0.16	0.71
45-49yrs vs 60-64yrs	0.36	0.18	0.74
50-54yrs vs 60-64yrs	0.32	0.15	0.68
55-59yrs vs 60-64yrs	0.70	0.33	1.49
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.92	0.63	1.34
1985-1989 vs 1975-1979	1.00	0.61	1.62
1990-1994 vs 1975-1979	1.34	0.68	2.63
1995-1999 vs 1975-1979	1.68	0.68	4.16
RANK CATEGORY			
Civilian vs Enlisted	4.29	0.36	51.39
Non Comm Officer vs Enlisted	0.96	0.66	1.39
Officer vs Enlisted	1.77	0.79	3.98
Unknown vs Enlisted	0.53	0.15	1.82
OS EXPOSURE			
OS Exposure vs No OS exposure	0.88	0.60	1.31
SS EXPOSURE			
SS Exposure vs No SS exposure	1.02	0.71	1.48

Appendix 12P continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
H.S.A. CENTRE			
Adelaide vs Brisbane	2.01	1.18	3.41
Canberra vs Brisbane	0.36	0.12	1.07
Ipswich vs Brisbane	1.62	1.04	2.52
Melbourne vs Brisbane	0.58	0.28	1.19
Newcastle vs Brisbane	1.19	0.62	2.26
Parramatta vs Brisbane	1.38	0.94	2.03
Perth vs Brisbane	8.36	4.49	15.58

Appendix 12Q : Skin lesions, other: Multiple logistic regression where the exposed group are all those in Program 2

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.48	0.31	0.75
Richmond vs Exposed	0.57	0.37	0.87
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.06	0.02	0.24
30-34yrs vs 60-64yrs	0.13	0.05	0.34
35-39yrs vs 60-64yrs	0.16	0.07	0.41
40-44yrs vs 60-64yrs	0.26	0.11	0.59
45-49yrs vs 60-64yrs	0.25	0.11	0.55
50-54yrs vs 60-64yrs	0.30	0.13	0.70
55-59yrs vs 60-64yrs	0.62	0.26	1.46
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.83	0.54	1.28
1985-1989 vs 1975-1979	1.02	0.64	1.64
1990-1994 vs 1975-1979	1.41	0.77	2.59
1995-1999 vs 1975-1979	1.90	0.78	4.63
RANK CATEGORY			
Civilian vs Enlisted	0.64	0.24	1.74
Non Comm Officer vs Enlisted	0.87	0.59	1.28
Officer vs Enlisted	2.11	0.89	5.01
Unknown vs Enlisted	0.16	0.02	1.55
OS EXPOSURE			
OS Exposure vs No OS exposure	0.83	0.54	1.27
SS EXPOSURE			
SS Exposure vs No SS exposure	0.99	0.67	1.47

Appendix 12Q continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
H.S.A. CENTRE			
Adelaide vs Brisbane	1.55	0.86	2.79
Canberra vs Brisbane	0.14	0.03	0.61
Ipswich vs Brisbane	1.48	0.94	2.31
Melbourne vs Brisbane	0.49	0.23	1.05
Newcastle vs Brisbane	1.03	0.53	2.00
Parramatta vs Brisbane	1.30	0.87	1.95
Perth vs Brisbane	9.46	4.78	18.73

**Appendix 12R : Skin lesions, other: Multiple logistic regression where exposed
are classified by dose and contrasted to the unexposed**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EXPOSURE			
Mild exposure vs Unexposed	1.49	0.99	2.25
Moderate exposure vs Unexposed	1.45	0.96	2.16
Prolonged exposure vs Unexposed	1.68	1.13	2.48
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.09	0.03	0.28
30-34yrs vs 60-64yrs	0.16	0.06	0.37
35-39yrs vs 60-64yrs	0.23	0.10	0.50
40-44yrs vs 60-64yrs	0.29	0.14	0.59
45-49yrs vs 60-64yrs	0.33	0.17	0.64
50-54yrs vs 60-64yrs	0.29	0.14	0.59
55-59yrs vs 60-64yrs	0.67	0.33	1.38
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.90	0.62	1.29
1985-1989 vs 1975-1979	1.10	0.72	1.66
1990-1994 vs 1975-1979	1.45	0.84	2.52
1995-1999 vs 1975-1979	1.78	0.84	3.78
RANK CATEGORY			
Civilian vs Enlisted	1.03	0.41	2.59
Non Comm Officer vs Enlisted	0.90	0.64	1.27
Officer vs Enlisted	2.36	1.13	4.91
Unknown vs Enlisted	0.27	0.07	1.01
OS EXPOSURE			
OS Exposure vs No OS exposure	0.95	0.67	1.37
SS EXPOSURE			
SS Exposure vs No SS exposure	1.00	0.71	1.41

Appendix 12R continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
H.S.A. CENTRE			
Adelaide vs Brisbane	1.86	1.12	3.10
Canberra vs Brisbane	0.20	0.06	0.69
Ipswich vs Brisbane	1.44	0.99	2.10
Melbourne vs Brisbane	0.47	0.23	0.96
Newcastle vs Brisbane	1.04	0.57	1.90
Parramatta vs Brisbane	1.36	0.96	1.94
Perth vs Brisbane	8.34	4.53	15.36

12.2 SELF-REPORTED SKIN PROBLEMS

12.2.1 PSORIASIS

Appendix 12S : Self-reported psoriasis: Multiple logistic regression summary for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.84	0.50	1.44
Richmond vs Exposed	0.67	0.40	1.12
AGE CATEGORY			
30-34yrs vs 60-64yrs	0.97	0.19	4.88
35-39yrs vs 60-64yrs	0.65	0.14	2.94
40-44yrs vs 60-64yrs	1.31	0.35	4.89
45-49yrs vs 60-64yrs	1.23	0.34	4.42
50-54yrs vs 60-64yrs	2.06	0.58	7.34
55-59yrs vs 60-64yrs	1.62	0.42	6.26
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.89	0.52	1.55
1985-1989 vs 1975-1979	0.64	0.31	1.32
1990-1994 vs 1975-1979	0.40	0.15	1.10
RANK CATEGORY			
Civilian vs Enlisted	0.63	0.08	5.11
Non Comm Officer vs Enlisted	0.83	0.47	1.45
Officer vs Enlisted	0.30	0.04	2.30
Unknown vs Enlisted	0.47	0.06	3.75
OS EXPOSURE			
OS Exposure vs No OS exposure	0.76	0.42	1.36
SS EXPOSURE			
SS Exposure vs No SS exposure	1.10	0.64	1.88

**Appendix 12T : Self-reported psoriasis: Most parsimonious model obtained by
logistic regression for all exposed**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.92	0.55	1.52
Richmond vs Exposed	0.72	0.43	1.19
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.77	0.46	1.29
1985-1989 vs 1975-1979	0.47	0.26	0.85
1990-1994 vs 1975-1979	0.29	0.13	0.61

Appendix 12U : Self-reported psoriasis: Multiple logistic regression where the exposed group are all those in Program 1

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.62	0.34	1.11
Richmond vs Exposed	0.50	0.29	0.88
AGE CATEGORY			
30-34yrs vs 60-64yrs	1.12	0.21	6.10
35-39yrs vs 60-64yrs	0.42	0.08	2.13
40-44yrs vs 60-64yrs	1.16	0.31	4.37
45-49yrs vs 60-64yrs	1.15	0.32	4.21
50-54yrs vs 60-64yrs	1.68	0.46	6.07
55-59yrs vs 60-64yrs	1.52	0.39	5.91
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.04	0.59	1.82
1985-1989 vs 1975-1979	0.94	0.42	2.09
1990-1994 vs 1975-1979	0.49	0.14	1.63
RANK CATEGORY			
Non Comm Officer vs Enlisted	0.78	0.43	1.41
Officer vs Enlisted	0.29	0.04	2.29
Unknown vs Enlisted	0.38	0.05	3.09
OS EXPOSURE			
OS Exposure vs No OS exposure	0.70	0.38	1.30
SS EXPOSURE			
SS Exposure vs No SS exposure	1.05	0.60	1.84

Appendix 12V : Self-reported psoriasis: Multiple logistic regression where the exposed group are all those in Program 2

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	1.07	0.49	2.31
Richmond vs Exposed	0.85	0.40	1.83
AGE CATEGORY			
30-34yrs vs 60-64yrs	1.83	0.18	18.58
35-39yrs vs 60-64yrs	1.21	0.13	11.61
40-44yrs vs 60-64yrs	2.43	0.29	20.11
45-49yrs vs 60-64yrs	2.16	0.27	17.30
50-54yrs vs 60-64yrs	2.83	0.35	23.26
55-59yrs vs 60-64yrs	3.79	0.45	31.95
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.84	0.42	1.69
1985-1989 vs 1975-1979	0.82	0.37	1.84
1990-1994 vs 1975-1979	0.60	0.20	1.76
RANK CATEGORY			
Non Comm Officer vs Enlisted	0.76	0.39	1.50
Officer vs Enlisted	0.40	0.05	3.24
Unknown vs Enlisted	0.57	0.06	4.97
OS EXPOSURE			
OS Exposure vs No OS exposure	0.89	0.44	1.81
SS EXPOSURE			
SS Exposure vs No SS exposure	0.96	0.51	1.80

Appendix 12W : Self-reported psoriasis: Multiple logistic regression where exposed are classified by dose and contrasted to the unexposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EXPOSURE			
Mild exposure vs Unexposed	1.15	0.55	2.41
Moderate exposure vs Unexposed	0.73	0.33	1.66
Prolonged exposure vs Unexposed	2.36	1.35	4.15
AGE CATEGORY			
30-34yrs vs 60-64yrs	0.93	0.18	4.64
35-39yrs vs 60-64yrs	0.55	0.12	2.53
40-44yrs vs 60-64yrs	1.34	0.36	5.00
45-49yrs vs 60-64yrs	1.19	0.33	4.33
50-54yrs vs 60-64yrs	2.04	0.57	7.33
55-59yrs vs 60-64yrs	1.56	0.39	6.22
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.88	0.50	1.54
1985-1989 vs 1975-1979	0.64	0.31	1.32
1990-1994 vs 1975-1979	0.46	0.17	1.25
RANK CATEGORY			
Civilian vs Enlisted	0.65	0.08	5.51
Non Comm Officer vs Enlisted	0.74	0.41	1.31
Officer vs Enlisted	0.28	0.04	2.21
Unknown vs Enlisted	0.42	0.05	3.46
OS EXPOSURE			
OS Exposure vs No OS exposure	0.69	0.37	1.27
SS EXPOSURE			
SS Exposure vs No SS exposure	1.08	0.62	1.88

12.2.2 DERMATITIS

Appendix 12X : Self-reported dermatitis: Multiple logistic regression summary for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.28	0.20	0.40
Richmond vs Exposed	0.48	0.36	0.63
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.53	0.17	1.63
30-34yrs vs 60-64yrs	0.84	0.36	1.96
35-39yrs vs 60-64yrs	0.68	0.31	1.49
40-44yrs vs 60-64yrs	0.90	0.44	1.82
45-49yrs vs 60-64yrs	1.10	0.56	2.16
50-54yrs vs 60-64yrs	1.03	0.51	2.08
55-59yrs vs 60-64yrs	1.78	0.86	3.69
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.88	0.62	1.25
1985-1989 vs 1975-1979	1.07	0.72	1.59
1990-1994 vs 1975-1979	1.08	0.64	1.81
1995-1999 vs 1975-1979	0.80	0.38	1.65
RANK CATEGORY			
Civilian vs Enlisted	0.28	0.09	0.84
Non Comm Officer vs Enlisted	1.04	0.75	1.43
Officer vs Enlisted	0.66	0.30	1.48
Unknown vs Enlisted	1.75	0.69	4.43
OS EXPOSURE			
OS Exposure vs No OS exposure	1.02	0.72	1.45
SS EXPOSURE			
SS Exposure vs No SS exposure	0.77	0.55	1.08

**Appendix 12Y : Self-reported dermatitis: Most parsimonious model obtained by
logistic regression for all exposed**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.28	0.20	0.40
Richmond vs Exposed	0.48	0.36	0.64
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.47	0.18	1.22
30-34yrs vs 60-64yrs	0.86	0.41	1.79
35-39yrs vs 60-64yrs	0.68	0.33	1.39
40-44yrs vs 60-64yrs	0.87	0.44	1.73
45-49yrs vs 60-64yrs	1.09	0.56	2.13
50-54yrs vs 60-64yrs	1.02	0.51	2.05
55-59yrs vs 60-64yrs	1.77	0.85	3.66
RANK CATEGORY			
Civilian vs Enlisted	0.30	0.10	0.87
Non Comm Officer vs Enlisted	1.02	0.75	1.37
Officer vs Enlisted	0.65	0.30	1.43
Unknown vs Enlisted	1.77	0.70	4.48
SS EXPOSURE			
SS Exposure vs No SS exposure	0.78	0.60	1.01

Appendix 12Z : Self-reported dermatitis: Multiple logistic regression where the exposed group are all those in Program 1

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.24	0.16	0.36
Richmond vs Exposed	0.41	0.29	0.57
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.26	0.05	1.24
30-34yrs vs 60-64yrs	0.45	0.17	1.20
35-39yrs vs 60-64yrs	0.44	0.19	1.05
40-44yrs vs 60-64yrs	0.64	0.30	1.35
45-49yrs vs 60-64yrs	0.75	0.37	1.53
50-54yrs vs 60-64yrs	0.82	0.39	1.70
55-59yrs vs 60-64yrs	1.44	0.67	3.07
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.87	0.60	1.27
1985-1989 vs 1975-1979	1.52	0.95	2.42
1990-1994 vs 1975-1979	1.40	0.72	2.75
1995-1999 vs 1975-1979	1.09	0.40	2.97
RANK CATEGORY			
Non Comm Officer vs Enlisted	0.84	0.58	1.22
Officer vs Enlisted	0.54	0.22	1.37
Unknown vs Enlisted	1.51	0.57	4.03
OS EXPOSURE			
OS Exposure vs No OS exposure	1.02	0.70	1.50
SS EXPOSURE			
SS Exposure vs No SS exposure	0.72	0.50	1.05

Appendix 12AA : Self-reported dermatitis: Multiple logistic regression where the exposed group are all those in Program 2

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.24	0.16	0.37
Richmond vs Exposed	0.41	0.28	0.59
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.41	0.11	1.45
30-34yrs vs 60-64yrs	0.53	0.20	1.41
35-39yrs vs 60-64yrs	0.36	0.14	0.91
40-44yrs vs 60-64yrs	0.65	0.28	1.50
45-49yrs vs 60-64yrs	0.75	0.34	1.66
50-54yrs vs 60-64yrs	0.75	0.33	1.74
55-59yrs vs 60-64yrs	1.36	0.57	3.23
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.98	0.64	1.51
1985-1989 vs 1975-1979	1.19	0.75	1.89
1990-1994 vs 1975-1979	1.30	0.72	2.37
1995-1999 vs 1975-1979	1.08	0.43	2.70
RANK CATEGORY			
Civilian vs Enlisted	0.19	0.05	0.70
Non Comm Officer vs Enlisted	0.96	0.65	1.41
Officer vs Enlisted	0.75	0.30	1.89
Unknown vs Enlisted	1.23	0.23	6.60
OS EXPOSURE			
OS Exposure vs No OS exposure	1.11	0.72	1.69
SS EXPOSURE			
SS Exposure vs No SS exposure	0.71	0.48	1.06

Appendix 12BB : Self-reported dermatitis: Multiple logistic regression where exposed are classified by dose and contrasted to the unexposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EXPOSURE			
Mild exposure vs Unexposed	2.20	1.48	3.27
Moderate exposure vs Unexposed	3.14	2.19	4.52
Prolonged exposure vs Unexposed	2.68	1.87	3.83
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.55	0.17	1.73
30-34yrs vs 60-64yrs	0.85	0.36	2.02
35-39yrs vs 60-64yrs	0.58	0.26	1.29
40-44yrs vs 60-64yrs	0.83	0.40	1.70
45-49yrs vs 60-64yrs	0.96	0.48	1.91
50-54yrs vs 60-64yrs	0.97	0.48	1.96
55-59yrs vs 60-64yrs	1.49	0.71	3.13
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.85	0.60	1.22
1985-1989 vs 1975-1979	1.09	0.73	1.63
1990-1994 vs 1975-1979	1.09	0.64	1.87
1995-1999 vs 1975-1979	0.79	0.37	1.70
RANK CATEGORY			
Civilian vs Enlisted	0.14	0.03	0.62
Non Comm Officer vs Enlisted	1.04	0.74	1.45
Officer vs Enlisted	0.74	0.33	1.66
Unknown vs Enlisted	2.18	0.81	5.83
OS EXPOSURE			
OS Exposure vs No OS exposure	1.10	0.78	1.57
SS EXPOSURE			
SS Exposure vs No SS exposure	0.76	0.54	1.07

12.2.3 SELF-REPORTED RASH OR SKIN IRRITATION

Appendix 12CC : Self-reported rash or skin irritation: Multiple logistic regression summary for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.39	0.30	0.51
Richmond vs Exposed	0.43	0.34	0.55
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.91	0.36	2.26
30-34yrs vs 60-64yrs	0.79	0.38	1.65
35-39yrs vs 60-64yrs	1.26	0.64	2.47
40-44yrs vs 60-64yrs	1.28	0.69	2.39
45-49yrs vs 60-64yrs	1.65	0.90	3.01
50-54yrs vs 60-64yrs	1.75	0.94	3.25
55-59yrs vs 60-64yrs	2.08	1.07	4.03
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.93	0.69	1.25
1985-1989 vs 1975-1979	0.97	0.70	1.36
1990-1994 vs 1975-1979	1.02	0.66	1.57
1995-1999 vs 1975-1979	0.75	0.41	1.35
RANK CATEGORY			
Civilian vs Enlisted	0.74	0.36	1.54
Non Comm Officer vs Enlisted	1.03	0.79	1.36
Officer vs Enlisted	0.47	0.24	0.94
Unknown vs Enlisted	2.32	0.81	6.68
OS EXPOSURE			
OS Exposure vs No OS exposure	1.11	0.83	1.47
SS EXPOSURE			
SS Exposure vs No SS exposure	0.96	0.74	1.26

**Appendix 12DD : Self-reported rash or skin irritation: Most parsimonious model
obtained by logistic regression for all exposed**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.38	0.30	0.50
Richmond vs Exposed	0.43	0.34	0.55
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.75	0.34	1.61
30-34yrs vs 60-64yrs	0.73	0.38	1.40
35-39yrs vs 60-64yrs	1.19	0.64	2.22
40-44yrs vs 60-64yrs	1.23	0.67	2.25
45-49yrs vs 60-64yrs	1.62	0.89	2.95
50-54yrs vs 60-64yrs	1.72	0.93	3.19
55-59yrs vs 60-64yrs	2.07	1.07	4.02
RANK CATEGORY			
Civilian vs Enlisted	0.78	0.39	1.57
Non Comm Officer vs Enlisted	1.00	0.78	1.28
Officer vs Enlisted	0.44	0.23	0.87
Unknown vs Enlisted	2.32	0.81	6.64

**Appendix 12EE : Self-reported rash or skin irritation: Multiple logistic regression
where the exposed group are all those in Program 1**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.31	0.22	0.43
Richmond vs Exposed	0.34	0.25	0.47
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.88	0.29	2.71
30-34yrs vs 60-64yrs	0.66	0.28	1.57
35-39yrs vs 60-64yrs	1.04	0.49	2.19
40-44yrs vs 60-64yrs	0.98	0.50	1.93
45-49yrs vs 60-64yrs	1.43	0.74	2.76
50-54yrs vs 60-64yrs	1.35	0.69	2.63
55-59yrs vs 60-64yrs	1.71	0.84	3.47
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.99	0.72	1.35
1985-1989 vs 1975-1979	1.06	0.72	1.57
1990-1994 vs 1975-1979	1.20	0.70	2.05
1995-1999 vs 1975-1979	1.05	0.51	2.19
RANK CATEGORY			
Civilian vs Enlisted	0.66	0.09	4.99
Non Comm Officer vs Enlisted	0.98	0.72	1.33
Officer vs Enlisted	0.37	0.16	0.83
Unknown vs Enlisted	2.50	0.68	9.13
OS EXPOSURE			
OS Exposure vs No OS exposure	1.08	0.79	1.48
SS EXPOSURE			
SS Exposure vs No SS exposure	0.94	0.70	1.26

**Appendix 12FF : Self-reported rash or skin irritation: Multiple logistic regression
where the exposed group are all those in Program 2**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.43	0.30	0.61
Richmond vs Exposed	0.49	0.35	0.68
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.77	0.27	2.20
30-34yrs vs 60-64yrs	0.56	0.24	1.30
35-39yrs vs 60-64yrs	0.84	0.38	1.83
40-44yrs vs 60-64yrs	0.84	0.41	1.75
45-49yrs vs 60-64yrs	1.12	0.56	2.27
50-54yrs vs 60-64yrs	1.25	0.60	2.60
55-59yrs vs 60-64yrs	1.79	0.82	3.91
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.08	0.77	1.53
1985-1989 vs 1975-1979	1.11	0.76	1.63
1990-1994 vs 1975-1979	1.32	0.81	2.15
1995-1999 vs 1975-1979	0.83	0.40	1.72
RANK CATEGORY			
Civilian vs Enlisted	0.75	0.32	1.74
Non Comm Officer vs Enlisted	1.02	0.75	1.40
Officer vs Enlisted	0.45	0.20	1.01
Unknown vs Enlisted	4.23	0.47	38.22
OS EXPOSURE			
OS Exposure vs No OS exposure	0.99	0.71	1.38
SS EXPOSURE			
SS Exposure vs No SS exposure	0.95	0.70	1.29

**Appendix 12GG : Self-reported rash or skin irritation: Multiple logistic regression
where exposed are classified by dose and contrasted to the unexposed**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EXPOSURE			
Mild exposure vs Unexposed	2.12	1.50	3.00
Moderate exposure vs Unexposed	2.43	1.74	3.38
Prolonged exposure vs Unexposed	2.82	2.05	3.89
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.81	0.31	2.09
30-34yrs vs 60-64yrs	0.72	0.34	1.52
35-39yrs vs 60-64yrs	1.06	0.53	2.10
40-44yrs vs 60-64yrs	1.17	0.62	2.20
45-49yrs vs 60-64yrs	1.49	0.81	2.75
50-54yrs vs 60-64yrs	1.54	0.82	2.90
55-59yrs vs 60-64yrs	1.71	0.87	3.36
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.92	0.69	1.24
1985-1989 vs 1975-1979	0.98	0.70	1.37
1990-1994 vs 1975-1979	1.07	0.68	1.67
1995-1999 vs 1975-1979	0.73	0.39	1.36
RANK CATEGORY			
Civilian vs Enlisted	0.59	0.26	1.35
Non Comm Officer vs Enlisted	1.04	0.78	1.37
Officer vs Enlisted	0.52	0.26	1.05
Unknown vs Enlisted	2.62	0.83	8.27
OS EXPOSURE			
OS Exposure vs No OS exposure	1.04	0.78	1.39
SS EXPOSURE			
SS Exposure vs No SS exposure	1.01	0.77	1.33

12.2.4 SELF-REPORTED SKIN ULCER

Appendix 12HH : Self-reported skin ulcer: Multiple logistic regression summary
for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.67	0.38	1.17
Richmond vs Exposed	0.47	0.27	0.83
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.37	0.04	3.07
30-34yrs vs 60-64yrs	0.33	0.06	1.71
35-39yrs vs 60-64yrs	0.48	0.12	1.91
40-44yrs vs 60-64yrs	1.09	0.33	3.62
45-49yrs vs 60-64yrs	0.75	0.23	2.45
50-54yrs vs 60-64yrs	0.99	0.29	3.33
55-59yrs vs 60-64yrs	1.93	0.58	6.42
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.36	0.77	2.41
1985-1989 vs 1975-1979	0.98	0.47	2.04
1990-1994 vs 1975-1979	0.60	0.19	1.88
1995-1999 vs 1975-1979	1.74	0.48	6.27
RANK CATEGORY			
Civilian vs Enlisted	1.75	0.42	7.22
Non Comm Officer vs Enlisted	0.74	0.40	1.36
Officer vs Enlisted	0.23	0.03	1.82
Unknown vs Enlisted	2.33	0.68	7.97
OS EXPOSURE			
OS Exposure vs No OS exposure	1.26	0.69	2.32
SS EXPOSURE			
SS Exposure vs No SS exposure	0.61	0.34	1.12

**Appendix 12II : Self-reported skin ulcer: Most parsimonious model obtained by
logistic regression for all exposed**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.63	0.37	1.06
Richmond vs Exposed	0.44	0.26	0.77
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.43	0.08	2.42
30-34yrs vs 60-64yrs	0.31	0.08	1.30
35-39yrs vs 60-64yrs	0.50	0.15	1.68
40-44yrs vs 60-64yrs	1.20	0.40	3.56
45-49yrs vs 60-64yrs	0.74	0.24	2.31
50-54yrs vs 60-64yrs	0.92	0.28	3.00
55-59yrs vs 60-64yrs	1.69	0.52	5.49

Appendix 12JJ : Self-reported skin ulcer: Multiple logistic regression where the exposed group are all those in Program 1

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.71	0.37	1.38
Richmond vs Exposed	0.51	0.26	0.98
AGE CATEGORY			
30-34yrs vs 60-64yrs	0.24	0.03	2.00
35-39yrs vs 60-64yrs	0.57	0.12	2.75
40-44yrs vs 60-64yrs	1.17	0.30	4.55
45-49yrs vs 60-64yrs	0.75	0.19	2.91
50-54yrs vs 60-64yrs	0.73	0.18	2.99
55-59yrs vs 60-64yrs	1.96	0.51	7.56
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.22	0.66	2.27
1985-1989 vs 1975-1979	1.05	0.44	2.55
1990-1994 vs 1975-1979	0.63	0.13	2.98
1995-1999 vs 1975-1979	1.49	0.27	8.37
RANK CATEGORY			
Non Comm Officer vs Enlisted	0.69	0.34	1.38
Officer vs Enlisted	0.29	0.04	2.38
Unknown vs Enlisted	2.49	0.69	8.96
OS EXPOSURE			
OS Exposure vs No OS exposure	1.13	0.58	2.22
SS EXPOSURE			
SS Exposure vs No SS exposure	0.70	0.36	1.35

Appendix 12KK : Self-reported skin ulcer: Multiple logistic regression where the exposed group are all those in Program 2

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.50	0.24	1.02
Richmond vs Exposed	0.35	0.17	0.73
AGE CATEGORY			
30-34yrs vs 60-64yrs	0.24	0.04	1.55
35-39yrs vs 60-64yrs	0.51	0.11	2.45
40-44yrs vs 60-64yrs	0.81	0.20	3.30
45-49yrs vs 60-64yrs	0.48	0.12	1.95
50-54yrs vs 60-64yrs	0.67	0.15	2.94
55-59yrs vs 60-64yrs	1.97	0.49	7.84
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.86	0.42	1.77
1985-1989 vs 1975-1979	0.71	0.30	1.66
1990-1994 vs 1975-1979	0.51	0.14	1.79
1995-1999 vs 1975-1979	1.03	0.18	5.83
RANK CATEGORY			
Civilian vs Enlisted	1.61	0.33	7.79
Non Comm Officer vs Enlisted	0.64	0.31	1.35
Officer vs Enlisted	0.28	0.03	2.35
Unknown vs Enlisted	1.04	0.10	10.76
OS EXPOSURE			
OS Exposure vs No OS exposure	1.30	0.63	2.70
SS EXPOSURE			
SS Exposure vs No SS exposure	0.50	0.24	1.04

Appendix 12LL : Self-reported skin ulcer: Multiple logistic regression where exposed are classified by dose and contrasted to the unexposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EXPOSURE			
Mild exposure vs Unexposed	0.86	0.35	2.11
Moderate exposure vs Unexposed	2.31	1.26	4.25
Prolonged exposure vs Unexposed	1.92	1.00	3.65
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.51	0.05	4.73
30-34yrs vs 60-64yrs	0.48	0.08	2.81
35-39yrs vs 60-64yrs	0.68	0.15	3.10
40-44yrs vs 60-64yrs	1.49	0.39	5.71
45-49yrs vs 60-64yrs	0.86	0.22	3.29
50-54yrs vs 60-64yrs	1.16	0.30	4.53
55-59yrs vs 60-64yrs	2.30	0.59	8.91
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.26	0.70	2.29
1985-1989 vs 1975-1979	0.95	0.45	2.03
1990-1994 vs 1975-1979	0.55	0.16	1.85
1995-1999 vs 1975-1979	1.88	0.50	7.06
RANK CATEGORY			
Civilian vs Enlisted	2.37	0.52	10.68
Non Comm Officer vs Enlisted	0.79	0.42	1.48
Officer vs Enlisted	0.27	0.03	2.20
Unknown vs Enlisted	3.27	0.92	11.69
OS EXPOSURE			
OS Exposure vs No OS exposure	1.27	0.68	2.38
SS EXPOSURE			
SS Exposure vs No SS exposure	0.63	0.34	1.18

12.2.5 SELF-REPORTED ECZEMA

Appendix 12MM : Self-reported eczema: Multiple logistic regression summary for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.66	0.37	1.19
Richmond vs Exposed	0.71	0.41	1.23
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.59	0.07	4.68
30-34yrs vs 60-64yrs	1.02	0.23	4.49
35-39yrs vs 60-64yrs	0.85	0.21	3.39
40-44yrs vs 60-64yrs	0.83	0.24	2.89
45-49yrs vs 60-64yrs	1.34	0.42	4.25
50-54yrs vs 60-64yrs	0.77	0.22	2.70
55-59yrs vs 60-64yrs	0.84	0.22	3.16
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.67	0.34	1.32
1985-1989 vs 1975-1979	0.75	0.35	1.60
1990-1994 vs 1975-1979	1.12	0.45	2.78
1995-1999 vs 1975-1979	0.51	0.11	2.26
RANK CATEGORY			
Civilian vs Enlisted	1.54	0.39	6.03
Non Comm Officer vs Enlisted	1.04	0.57	1.90
Officer vs Enlisted	1.18	0.33	4.23
Unknown vs Enlisted	1.82	0.37	8.84
OS EXPOSURE			
OS Exposure vs No OS exposure	0.65	0.32	1.32
SS EXPOSURE			
SS Exposure vs No SS exposure	0.57	0.30	1.10

**Appendix 12NN : Self-reported eczema: Most parsimonious model obtained by
logistic regression for all exposed**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.66	0.37	1.16
Richmond vs Exposed	0.69	0.41	1.17
SS EXPOSURE			
SS Exposure vs No SS exposure	0.46	0.27	0.78

Appendix 1200 : Self-reported eczema: Multiple logistic regression where the exposed group are all those in Program 1

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.61	0.29	1.27
Richmond vs Exposed	0.66	0.34	1.31
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.35	0.02	4.96
30-34yrs vs 60-64yrs	0.56	0.10	3.03
35-39yrs vs 60-64yrs	0.43	0.09	2.01
40-44yrs vs 60-64yrs	0.53	0.14	2.03
45-49yrs vs 60-64yrs	1.05	0.30	3.62
50-54yrs vs 60-64yrs	0.58	0.15	2.23
55-59yrs vs 60-64yrs	0.64	0.15	2.65
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.00	0.50	2.02
1985-1989 vs 1975-1979	1.20	0.50	2.87
1990-1994 vs 1975-1979	2.48	0.88	7.02
1995-1999 vs 1975-1979	0.52	0.05	5.13
RANK CATEGORY			
Civilian vs Enlisted	2.85	0.20	40.96
Non Comm Officer vs Enlisted	0.78	0.39	1.54
Officer vs Enlisted	0.87	0.19	4.09
Unknown vs Enlisted	2.26	0.44	11.63
OS EXPOSURE			
OS Exposure vs No OS exposure	0.68	0.31	1.48
SS EXPOSURE			
SS Exposure vs No SS exposure	0.59	0.29	1.21

Appendix 12PP : Self-reported eczema: Multiple logistic regression where the exposed group are all those in Program 2

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.72	0.33	1.59
Richmond vs Exposed	0.79	0.37	1.70
AGE CATEGORY			
25-29yrs vs 60-64yrs	1.11	0.10	12.19
30-34yrs vs 60-64yrs	1.42	0.21	9.70
35-39yrs vs 60-64yrs	1.39	0.23	8.41
40-44yrs vs 60-64yrs	1.17	0.22	6.30
45-49yrs vs 60-64yrs	1.68	0.34	8.38
50-54yrs vs 60-64yrs	1.28	0.23	7.10
55-59yrs vs 60-64yrs	0.81	0.12	5.25
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.64	0.28	1.48
1985-1989 vs 1975-1979	0.63	0.26	1.53
1990-1994 vs 1975-1979	1.31	0.47	3.65
1995-1999 vs 1975-1979	0.23	0.02	2.24
RANK CATEGORY			
Civilian vs Enlisted	1.39	0.26	7.58
Non Comm Officer vs Enlisted	0.97	0.47	1.99
Officer vs Enlisted	1.91	0.51	7.18
Unknown vs Enlisted	5.37	0.48	59.51
OS EXPOSURE			
OS Exposure vs No OS exposure	0.45	0.18	1.13
SS EXPOSURE			
SS Exposure vs No SS exposure	0.68	0.32	1.44

Appendix 12QQ : Self-reported eczema: Multiple logistic regression where exposed are classified by dose and contrasted to the unexposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EXPOSURE			
Mild exposure vs Unexposed	1.36	0.63	2.91
Moderate exposure vs Unexposed	1.25	0.59	2.67
Prolonged exposure vs Unexposed	1.31	0.64	2.68
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.88	0.11	7.34
30-34yrs vs 60-64yrs	0.98	0.21	4.54
35-39yrs vs 60-64yrs	0.74	0.18	3.01
40-44yrs vs 60-64yrs	0.82	0.23	2.86
45-49yrs vs 60-64yrs	1.16	0.36	3.74
50-54yrs vs 60-64yrs	0.72	0.20	2.55
55-59yrs vs 60-64yrs	0.52	0.12	2.19
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.76	0.38	1.53
1985-1989 vs 1975-1979	0.85	0.39	1.83
1990-1994 vs 1975-1979	1.27	0.49	3.27
1995-1999 vs 1975-1979	0.16	0.02	1.52
RANK CATEGORY			
Civilian vs Enlisted	1.28	0.25	6.48
Non Comm Officer vs Enlisted	1.14	0.60	2.15
Officer vs Enlisted	1.54	0.42	5.60
Unknown vs Enlisted	2.52	0.50	12.57
OS EXPOSURE			
OS Exposure vs No OS exposure	0.58	0.28	1.24
SS EXPOSURE			
SS Exposure vs No SS exposure	0.63	0.32	1.24

12.2.6 SELF-REPORTED MALIGNANT MELANOMA

Appendix 12RR : Self-reported malignant melanoma: Multiple logistic regression summary for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.50	0.26	0.96
Richmond vs Exposed	0.92	0.55	1.53
AGE CATEGORY			
30-34yrs vs 60-64yrs	0.18	0.04	0.71
35-39yrs vs 60-64yrs	0.20	0.06	0.65
40-44yrs vs 60-64yrs	0.22	0.08	0.60
45-49yrs vs 60-64yrs	0.34	0.14	0.85
50-54yrs vs 60-64yrs	0.49	0.19	1.22
55-59yrs vs 60-64yrs	0.82	0.33	2.06
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.10	0.61	2.00
1985-1989 vs 1975-1979	1.06	0.52	2.16
1990-1994 vs 1975-1979	0.83	0.28	2.43
1995-1999 vs 1975-1979	0.57	0.11	2.94
RANK CATEGORY			
Civilian vs Enlisted	0.92	0.18	4.68
Non Comm Officer vs Enlisted	0.84	0.47	1.52
Officer vs Enlisted	0.77	0.21	2.83
Unknown vs Enlisted	2.10	0.60	7.33
OS EXPOSURE			
OS Exposure vs No OS exposure	1.11	0.60	2.07
SS EXPOSURE			
SS Exposure vs No SS exposure	0.73	0.40	1.34

**Appendix 12SS : Self-reported malignant melanoma: Most parsimonious model
obtained by logistic regression for all exposed**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.48	0.26	0.90
Richmond vs Exposed	0.88	0.54	1.44
AGE CATEGORY			
30-34yrs vs 60-64yrs	0.14	0.05	0.42
35-39yrs vs 60-64yrs	0.20	0.08	0.53
40-44yrs vs 60-64yrs	0.22	0.09	0.55
45-49yrs vs 60-64yrs	0.34	0.14	0.79
50-54yrs vs 60-64yrs	0.45	0.18	1.11
55-59yrs vs 60-64yrs	0.79	0.32	1.95

**Appendix 12TT : Self-reported malignant melanoma: Multiple logistic regression
where the exposed group are all those in Program 1**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.62	0.29	1.34
Richmond vs Exposed	1.12	0.59	2.11
AGE CATEGORY			
30-34yrs vs 60-64yrs	0.10	0.01	0.68
35-39yrs vs 60-64yrs	0.12	0.02	0.61
40-44yrs vs 60-64yrs	0.37	0.12	1.17
45-49yrs vs 60-64yrs	0.46	0.16	1.35
50-54yrs vs 60-64yrs	0.64	0.22	1.85
55-59yrs vs 60-64yrs	0.96	0.33	2.81
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.97	0.50	1.87
1985-1989 vs 1975-1979	1.08	0.46	2.52
1990-1994 vs 1975-1979	1.42	0.42	4.74
1995-1999 vs 1975-1979	1.56	0.29	8.47
RANK CATEGORY			
Civilian vs Enlisted	3.37	0.26	44.02
Non Comm Officer vs Enlisted	1.02	0.53	1.96
Officer vs Enlisted	1.17	0.30	4.56
Unknown vs Enlisted	1.73	0.34	8.80
OS EXPOSURE			
OS Exposure vs No OS exposure	1.14	0.58	2.26
SS EXPOSURE			
SS Exposure vs No SS exposure	0.86	0.44	1.67

**Appendix 12UU : Self-reported malignant melanoma: Multiple logistic regression
where the exposed group are all those in Program 2**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.34	0.15	0.76
Richmond vs Exposed	0.64	0.32	1.27
AGE CATEGORY			
30-34yrs vs 60-64yrs	0.14	0.03	0.71
35-39yrs vs 60-64yrs	0.14	0.03	0.61
40-44yrs vs 60-64yrs	0.29	0.09	0.94
45-49yrs vs 60-64yrs	0.36	0.12	1.07
50-54yrs vs 60-64yrs	0.50	0.16	1.52
55-59yrs vs 60-64yrs	0.66	0.21	2.09
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.65	0.31	1.39
1985-1989 vs 1975-1979	0.78	0.35	1.74
1990-1994 vs 1975-1979	0.89	0.29	2.72
1995-1999 vs 1975-1979	0.92	0.16	5.11
RANK CATEGORY			
Civilian vs Enlisted	0.37	0.04	3.41
Non Comm Officer vs Enlisted	0.82	0.42	1.62
Officer vs Enlisted	1.12	0.29	4.37
Unknown vs Enlisted	1.05	0.10	10.95
OS EXPOSURE			
OS Exposure vs No OS exposure	1.22	0.57	2.58
SS EXPOSURE			
SS Exposure vs No SS exposure	0.54	0.26	1.14

**Appendix 12VV : Self-reported malignant melanoma: Multiple logistic regression
where exposed are classified by dose and contrasted to the unexposed**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EXPOSURE			
Mild exposure vs Unexposed	1.77	0.90	3.47
Moderate exposure vs Unexposed	1.49	0.76	2.94
Prolonged exposure vs Unexposed	0.67	0.28	1.57
AGE CATEGORY			
30-34yrs vs 60-64yrs	0.17	0.04	0.75
35-39yrs vs 60-64yrs	0.18	0.05	0.65
40-44yrs vs 60-64yrs	0.25	0.09	0.72
45-49yrs vs 60-64yrs	0.34	0.13	0.89
50-54yrs vs 60-64yrs	0.54	0.21	1.39
55-59yrs vs 60-64yrs	0.83	0.32	2.16
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.94	0.50	1.76
1985-1989 vs 1975-1979	1.07	0.51	2.22
1990-1994 vs 1975-1979	0.68	0.21	2.18
1995-1999 vs 1975-1979	0.61	0.12	3.22
RANK CATEGORY			
Civilian vs Enlisted	1.75	0.32	9.66
Non Comm Officer vs Enlisted	0.96	0.52	1.78
Officer vs Enlisted	0.90	0.24	3.37
Unknown vs Enlisted	1.32	0.27	6.56
OS EXPOSURE			
OS Exposure vs No OS exposure	1.20	0.64	2.26
SS EXPOSURE			
SS Exposure vs No SS exposure	0.74	0.40	1.38

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