

Detailed meta-analysis on ETS and Lung Cancer  
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This report provides full details of a variety of meta-analyses of ETS and lung cancer.

Tables 1-25 give information for spouse ETS exposure (or nearest equivalent) for females (i.e. female subjects, exposure is smoking by the husband).

1. Overall analysis	- adjusted
2. "	- unadjusted
3. By continent	- adjusted
4. "	- unadjusted
5. By country within Asia	- adjusted
6. By region within Europe	- adjusted
7. By publication year (grouped 1)	- adjusted
8. " (grouped 2)	- adjusted
9. By number of female lung cancer cases (grouped)	- adjusted
10. By number of male+female lung cancer cases (grouped)	- adjusted
11. By full histological confirmation or not	- adjusted
12. By study type (case-control, prospective)	- adjusted
13. By study control type	- adjusted
14. By study quality (PNL criteria)	- adjusted
15. By total number of confounders considered in the study (grouped)	- adjusted
16. By age considered as a confounder in the study or not	- adjusted
17. By marital status considered as a confounder in the study or not	- adjusted
18. By any study results available on dose-response or not	- adjusted
19. By spouse the index or not	- adjusted
20. By end year of study (grouped)	- adjusted
21. By considered by EPA or not	- adjusted
22. By never smoker definition	- adjusted
23. By interview method/setting	- adjusted
24. By any proxy use or not	- adjusted
25. By proxy use differs markedly in cases and controls or not (CC studies only)	- adjusted

Tables 26-29 correspond to Tables 1-4 for spouse ETS exposure (or nearest equivalent) for males, and Tables 30-54 correspond to Tables 1-25 for spouse ETS exposure (or nearest equivalent) for both sexes (with Tables 30-33 repeated as Tables A30-A33 using Alternative result for study EPIC Adulthood).

For the remainder of the output, each group of 4 tables corresponds to Tables 1-4.

Results for spouse ETS exposure (specifically) are given in Tables 55-58 for females, Tables 59-62 for males, and Tables 63-66 for both sexes.

The next tables give results for two of the main histological types (or nearest equivalent) for spouse ETS exposure (or nearest equivalent):

Squamous (Tables 67-70 females, 71-74 males, 75-78 both sexes) and  
Adenocarcinoma (Tables 79-82 females, 83-86 males, 87-90 both sexes).

The remaining tables are for both sexes together.

Tables 91-94 give information for workplace ETS exposure (using data for workers only, if available).

The next tables give information on childhood ETS exposure:

95-98 For the most comprehensive index available, choosing mother if no more comprehensive available  
99-102 For mother specifically  
103-106 For father specifically  
107-110 For parents specifically

The next tables give results for household ETS exposure. Since studies vary considerably in how data for this source of ETS is presented (some giving an overall result and others sub-dividing according to the specific source within the household) tables using various different orders of preference are given:

111-114 For most comprehensive index available, choosing ETS from the mother if no more comprehensive available  
115-118 For most comprehensive index available, choosing ETS from the father if no more comprehensive available  
119-122 For mother specifically  
123-126 For father specifically  
127-130 Excluding ETS from the parents and spouse, otherwise most comprehensive index available  
131-134 Excluding ETS from the spouse, otherwise most comprehensive index available, choosing ETS from the mother if no more comprehensive available  
135-138 Excluding ETS from the spouse, otherwise most comprehensive index available, choosing ETS from the father if no more comprehensive available

Tables 139-142 give information on travel ETS exposure,

Tables 143-146 give information on social ETS exposure (repeated as Tables A143-A146 with study Janerich excluded) and Tables 147-150 give information on total ETS exposure (repeated as Tables A147-A150 with Alternative result for study EPIC Adulthood).

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In each table, for each individual estimate selected for the meta-analysis, the output shows the value of that estimate (RR) and its 95% confidence interval. A study may provide multiple estimates relevant to the exposure being considered in the table. Choice of which to include is governed by an order of preference based on one or more characteristics of the estimate. For example, for Table 1 (spouse or nearest equivalent) data for spousal exposure are chosen if available, otherwise household exposure, and failing that total exposure. Similarly, in 'adjusted' analyses, adjusted RRs are used if available, otherwise unadjusted RRs are used (see below).

The term "relative risk" (RR) is taken to include direct estimates of the relative risks from prospective studies, and indirect estimates (odds ratios) from case-control studies.

Every table shows, for each estimate included in the analysis, the values or codes used for the following variables:

StN = Study reference number as used in summary reports and in the database from which the output is produced.

Ref = Study reference entered on the database - an abbreviation of the Study Author used in summary reports.

NRR = The number of the estimate within that study on the database (see 'multiple estimates' details below).

SEX = Sex: m = male, f = female, c = combined.

TYP = Lung cancer type: t = all, a = adenocarcinoma, q = squamous, l = large cell, s = small + oat cell, o = other (not squamous, small or adeno), b = large/other (not squamous, small or adeno), c = all except squamous/small, d = all except adeno/large, e = all except squamous/adeno/large, g = squamous + small + large + adeno, h = not small cell, v = squamous + small + large, w = adeno + large, x = squamous + small, y = all except adeno, z = all except squamous.

UNX = Unexposed group: 1 = no exp to any ETS, 2 = no exp to the relevant Exposure type, 3 = low exposure to any ETS, 4 = low exp to relevant Exposure type, 5 = risk per unit exposure, 6 = no exp from ETS type and source e.g. no exp in childhood to ETS from the mother (see CHI below); no household ETS recorded but information available only for those household members screened (see HOU below), 7 = never any household ETS.

ADJ = Number of adjustment factors (excluding sex) used for the estimate.

Specific tables show additional values as appropriate:

EXP = Exposure type: s = spousal, h = from household members, c = in childhood, t = total exposure, w = at work, 5 = while travelling, o = social/other exp, b = both spousal/home exposure and exposure in another place.

TIM = Timing of exposure: m = during marriage, a = as an adult, c = current, e = ever/unspecified, f = for more than 15 years, p = in the past, v = before age 26, w = after age 25, x = in last 5 years, y = in last 20 years, z = in last 25 years.

MAR = Marital status considered: a = unmarried subjects not excluded, c = currently married subjects only, e = ever-married subjects only.

HOU = Household exposure source: a = all household members, b = other household members attending screening, f = father, m = mother, p = parents, q = father-in-law, r = mother-in-law, s = siblings, c = child, x = all except spouse, y = all except parents/spouse, z = not husband/father-in-law.

WOR = Working status: a = all subjects irrespective of working status, w = workers only.

CHI = Childhood exposure source: a = all/unspecified, b = parents and/or siblings, e = family members, f = father, m = mother, p = parents, o = household members other than parents.

TOT = Total exposure source: a = any exposure, 2 = spouse and/or work, 3 = home, work, travel and/or leisure, 4 = home and/or work, 5 = home, work and/or social, 6 = home, small spaces and/or large indoor spaces, 7 = spouse, work and/or childhood, 8 = assessed biochemically, e.g. by cotinine measurement.

When an analysis is restricted to a specific definition, this is shown in the table heading (e.g. females in Tables 1-25, exposure from the mother in Tables 99-102). If, having applied these restrictions, multiple estimates are still available within a study, then an order of preference is defined for other variables, and is shown in the footnote to the table. This order of preference affects studies that provide multiple estimates. In all tables, except those for specific histological types (Tables 67-90), estimates relating to all lung cancer (or the most comprehensive available) are used.

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Additionally, "Adjusted" analyses choose covariate-adjusted estimates if available, with unadjusted estimates used otherwise. Where the source publication provides more than one adjusted estimate, the data chosen are those adjusted for the greatest number of covariates. "Unadjusted" analyses choose covariate-unadjusted estimates if available, with the least-adjusted estimate used otherwise.

In all tables, estimates originally given for males and females separately are chosen in preference to a combined estimate. In those studies where only a combined-sex estimate was originally available for spousal (or nearest equivalent) exposure, then separate sex estimates have been constructed if possible, and are used in all sex-specific analyses. These estimates assume that the RR applies to each sex separately, with the confidence intervals weighted according to the number of subjects of each sex.

The estimates are shown in blocks according to the "factor" relevant to that table, e.g. continent for Table 3 and country for Table 5. Note that these factors relate to the study as a whole, with the exception of sex and 'spouse the index' which relate to the individual estimates.

For Tables 1, 2, 26, 27, 30, 31, 55, 56, 59, 60 etc, which are not subdivided by a factor, a second block of output gives further details regarding each estimate:

Ys = log RR  
Ws = the weight of the study = 1/(variance Ys)  
Q = the deviation of the study estimate from the mean = Ws (Ys -  $\bar{Y}$ ) where  $\bar{Y}$  is the mean of Ys (this is an approximate chisquared on 1 degree of freedom)  
P = the two-tailed probability value.

For these tables, the output then shows the meta-analysis results, as follows:

N = number of estimates combined  
NS = number of studies from which estimates were taken  
Wt = the sum of the individual estimate weights  
Het Chi = heterogeneity chisquared (between estimates)  
Het df = heterogeneity degrees of freedom  
Het P = heterogeneity probability value, expressed as  
\*\*\* p<0.01; \*\* p<0.01; \* p<0.05; (\*) p<0.1; NS p>= 0.1  
Fixed RR = fixed-effect meta-analysis relative risk estimate  
RRL, RRu = the corresponding lower and upper 95% confidence limits  
P = the corresponding probability value, expressed as  
+++ , --- p<0.001; ++ , -- P<0.01; + , - p<0.05; (+) , (-) p<0.1; NS P>=0.1,  
with plus signs indicating significant increases and minus signs significant decreases  
Random RR = random-effect meta-analysis relative risk estimate,  
together with corresponding confidence limits and probability value  
AsymmP = the publication bias probability value based on Egger's test

For the other tables, this information is not only given for all the studies combined, but also by factor level. Additionally results of heterogeneity tests for variation by factor level are shown.

Between Chi = for the overall data this is the chisquared for heterogeneity; by factor level this is the contribution to the overall chisquared from the data for that level  
Between df = The degrees of freedom for the test of heterogeneity between factor levels  
Between P = Heterogeneity probability value, expressed as for Het P

The methods used for meta-analysis are described in Fleiss and Gross (1991), Journal of Clinical Epidemiology, 44, 127-139. Egger's test is described in Egger et al (1997), BMJ, 315, 629-634. PNL's criteria for study quality are described in Kasuga (ed) Environmental tobacco smoke, Springer-Verlag, New York (1993).

This document is available at [www.pnlee.co.uk](http://www.pnlee.co.uk), download LEE2011TB.pdf. The results are also summarized in the following documents: download LEE2011S.pdf (which includes references to the individual studies), LEE2011TA.pdf and LEE2011TF.pdf.

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Table 1  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
1	GARFI1	1	f 88	94880	65	81859	1.17	( 0.85-	1.61)
2	CHAN	1	f 34	66	50	73	0.75	( 0.43-	1.30)
3	CORREA	2	f 14	61	8	72	2.07	( 0.81-	5.25)
4	TRICHO	1	f 53	116	24	109	2.08	( 1.20-	3.59)
5	BUFFLE	2	f 33	164	8	32	0.80	( 0.34-	1.90)
6	HIRAYA	8	f -	-	-	-	1.45	( 1.02-	2.08)
7	KABAT1	4	f 13	15	11	10	0.79	( 0.25-	2.45)
8	GARFI2	3	f 91	254	43	148	1.23	( 0.81-	1.87)
9	LAMW	1	f 37	64	23	80	2.01	( 1.09-	3.72)
10	WU	3	f -	-	-	-	1.20	( 0.50-	3.30)
11	AKIBA	4	f -	-	-	-	1.50	( 0.93-	2.76)
12	LEE	6	f -	-	-	-	1.00	( 0.37-	2.71)
13	BROWN1	2	f -	-	-	-	1.68	( 0.39-	6.90)
14	GAO	8	f -	-	-	-	1.30	( 0.87-	1.94)
15	HUMBL1	4	f -	-	-	-	2.20	( 0.76-	6.56)
16	KOO	3	f -	-	-	-	1.64	( 0.87-	3.09)
17	LAMT	1	f115	152	84	183	1.65	( 1.16-	2.35)
18	PERSHA	2	f -	-	-	-	1.20	( 0.70-	2.10)
19	BUTLER	2	f -	-	-	-	2.02	( 0.48-	8.56)
20	GENG	1	f 34	41	20	52	2.16	( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25	( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08	( 0.64-	1.82)
23	CHOI	2	f 49	88	26	76	1.63	( 0.92-	2.87)
24	HOLE	2	f 5	1295	1	489	1.89	( 0.22-	16.12)
25	SVENSS	5	f -	-	-	-	1.36	( 0.53-	3.49)
26	JANERI	3	f -	-	-	-	0.75	( 0.47-	1.20)
27	KALAND	3	f -	-	-	-	2.11	( 1.09-	4.08)
28	SOBUE	2	f -	-	-	-	1.13	( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70	( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77	( 0.30-	1.96)
31	BROWN2	4	f -	-	-	-	1.00	( 0.80-	1.20)
32	STOCKW	3	f -	-	-	-	1.60	( 0.80-	3.00)
33	DU	1	f 47	154	28	100	1.09	( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72	( 0.77-	3.87)
35	FONTHA	6	f -	-	-	-	1.29	( 1.04-	1.60)
36	LAYARD	4	f -	-	-	-	0.58	( 0.30-	1.13)
37	DEWAAR	1	f 19	124	4	67	2.57	( 0.84-	7.85)
38	KABAT2	6	f -	-	-	-	1.08	( 0.60-	1.94)
39	SCHWAR	6	f -	-	-	-	1.10	( 0.72-	1.68)
40	SUN	2	f -	-	-	-	1.16	( 0.80-	1.69)
41	WANGS	1	f 67	60	15	34	2.53	( 1.26-	5.10)
42	WANGT	2	f 92	89	43	46	1.11	( 0.67-	1.84)
43	CARDEN	10	f -	-	-	-	1.20	( 0.80-	1.60)
44	ZHENG	2	f 62	179	7	51	2.52	( 1.09-	5.85)
46	BOFFET	9	f -	-	-	-	1.11	( 0.88-	1.39)
47	SHEN	1	f 56	59	14	11	0.75	( 0.31-	1.78)
48	ZARIDZ	4	f -	-	-	-	1.53	( 1.06-	2.21)
49	BOFFE2	14	f -	-	-	-	1.00	( 0.50-	1.90)
50	JEE	4	f -	-	-	-	1.72	( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20	( 0.50-	2.90)
52	SPEIZE	1	f -	-	-	-	1.50	( 0.30-	6.30)
53	ZHONG	2	f -	-	-	-	1.10	( 0.80-	1.50)
54	LEECH	8	f -	-	-	-	1.87	( 1.29-	2.71)
55	MALATS	9	f -	-	-	-	1.50	( 0.77-	2.91)
56	WANGL	36	f -	-	-	-	1.03	( 0.60-	1.70)
57	JOHNSO	8	f -	-	-	-	1.20	( 0.62-	2.30)
58	LAGARD	4	f -	-	-	-	1.15	( 0.84-	1.58)
59	NISHIN	2	f -	-	-	-	1.80	( 0.67-	4.60)
60	OHNO	6	f -	-	-	-	1.00	( 0.67-	1.49)
62	SEOW	1	f 91	300	85	362	1.29	( 0.93-	1.80)
63	ENSTRO	12	f -	-	-	-	0.94	( 0.66-	1.33)
64	ZATLOU	6	f -	-	-	-	0.48	( 0.21-	1.09)
65	IARCKR	2	f -	-	-	-	0.80	( 0.50-	1.30)
66	MCGHEE	2	f -	-	-	-	1.38	( 0.94-	2.04)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 1  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
67	EPICA	10	f -	-	-	-	0.84	( 0.33-	2.17)
68	FANG	2	f -	-	-	-	1.77	( 1.07-	2.92)
69	FRANCO	3	f -	-	-	-	1.80	( 0.95-	3.42)
70	GORLOV	2	f -	-	-	-	1.15	( 0.63-	2.10)
71	RYLAND	2	f -	-	-	-	1.37	( 0.57-	3.30)
72	WEN	1	f -	-	-	-	1.09	( 0.74-	1.61)
73	YU	1	f -	-	-	-	1.35	( 0.70-	2.63)
75	HILL1	2	f -	-	-	-	1.00	( 0.49-	2.01)
76	HILL2	3	f -	-	-	-	1.38	( 0.78-	2.41)
77	ASOMAN	13	f -	-	-	-	0.93	( 0.31-	2.78)
78	GALLEG	3	f -	-	-	-	8.00	( 0.85-	75.31)
79	KURAHA	10	f -	-	-	-	1.26	( 0.78-	2.03)
80	YANG	8	f -	-	-	-	2.00	( 1.10-	3.63)
83	LIANG	2	f141	149	85	130	1.45	( 1.01-	2.07)
84	BRENNE	18	f -	-	-	-	0.40	( 0.25-	0.63)
85	HOSSEI	14	f 21	28	34	91	2.01	( 1.01-	4.00)
86	JIANG	11	f -	-	-	-	2.27	( 1.13-	4.53)
88	LO	16	f -	-	-	-	2.24	( 1.62-	3.10)
Partial Totals			1214	98429	716	84147			

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
1	GARFI1	1	f	t	0.16	37.42	0.03	0.3420
2	CHAN	1	f	t	-0.28	12.78	2.79	0.3086
3	CORREA	2	f	t	0.73	4.41	1.30	0.1276
4	TRICHO	1	f	y	0.73	12.77	3.82	0.0091
5	BUFFLE	2	f	t	-0.22	5.19	0.83	0.6209
6	HIRAYA	8	f	t	0.37	30.26	1.08	0.0410
7	KABAT1	4	f	t	-0.24	2.99	0.53	0.6802
8	GARFI2	3	f	t	0.21	22.25	0.02	0.3229
9	LAMW	1	f	a	0.70	10.14	2.70	0.0261
10	WU	3	f	a	0.18	4.31	0.00	0.7049
11	AKIBA	4	f	t	0.41	12.99	0.64	0.1440
12	LEE	6	f	t	0.00	3.88	0.13	1.0000
13	BROWN1	2	f	a	0.52	1.86	0.21	0.4791
14	GAO	8	f	t	0.27	23.89	0.16	0.1944
15	HUMBL1	4	f	t	0.79	3.31	1.21	0.1516
16	KOO	3	f	t	0.49	9.57	0.93	0.1260
17	LAMT	1	f	t	0.50	30.63	3.08	0.0057
18	PERSHA	2	f	t	0.18	12.73	0.00	0.5153
19	BUTLER	2	f	t	0.70	1.85	0.50	0.3388
20	GENG	1	f	t	0.77	8.13	2.79	0.0285
21	INOUE	2	f	t	0.81	2.58	1.02	0.1930
22	SHIMIZ	2	f	t	0.08	14.20	0.15	0.7646
23	CHOI	2	f	t	0.49	11.99	1.11	0.0916
24	HOLE	2	f	t	0.64	0.84	0.17	0.5613
25	SVENSS	5	f	t	0.31	4.33	0.07	0.5225
26	JANERI	3	f	t	-0.29	17.49	3.87	0.2289
27	KALAND	3	f	t	0.75	8.82	2.81	0.0266
28	SOBUE	2	f	t	0.12	28.29	0.10	0.5157
29	WU-WIL	4	f	t	-0.36	93.46	27.19	0.0006
30	LIUZ	2	f	t	-0.26	4.36	0.86	0.5852
31	BROWN2	4	f	t	0.00	93.46	3.12	1.0000
32	STOCKW	3	f	t	0.47	8.80	0.73	0.1634
33	DU	1	f	t	0.09	13.61	0.13	0.7506
34	LIUQ	2	f	t	0.54	5.89	0.76	0.1880
35	FONTHA	6	f	t	0.25	82.80	0.43	0.0205
36	LAYARD	4	f	t	-0.54	8.74	4.62	0.1074
37	DEWAAR	1	f	t	0.94	3.07	1.77	0.0986
38	KABAT2	6	f	t	0.08	11.16	0.12	0.7971
39	SCHWAR	6	f	t	0.10	21.40	0.16	0.6593
40	SUN	2	f	t	0.15	27.47	0.03	0.4366
41	WANGS	1	f	t	0.93	7.83	4.36	0.0093

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 1  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
42	WANGT	2	f	t	0.10	14.90	0.10	0.6978
43	CARDEN	10	f	t	0.18	31.98	0.00	0.3025
44	ZHENG	2	f	t	0.93	5.43	3.00	0.0310
46	BOFFET	9	f	t	0.10	73.53	0.45	0.3709
47	SHEN	1	f	a	-0.29	5.07	1.15	0.5088
48	ZARIDZ	4	f	t	0.43	28.46	1.67	0.0233
49	BOFFE2	14	f	a	0.00	8.62	0.29	1.0000
50	JEE	4	f	t	0.54	10.17	1.31	0.0838
51	RAPITI	2	f	t	0.18	4.97	0.00	0.6843
52	SPEIZE	1	f	t	0.41	1.66	0.08	0.6016
53	ZHONG	2	f	t	0.10	38.89	0.30	0.5523
54	LEECH	8	f	t	0.63	27.89	5.48	0.0009
55	MALATS	9	f	t	0.41	8.69	0.43	0.2319
56	WANGL	36	f	t	0.03	14.17	0.33	0.9114
57	JOHNSO	8	f	t	0.18	8.94	0.00	0.5856
58	LAGARD	4	f	t	0.14	38.50	0.07	0.3859
59	NISHIN	2	f	t	0.59	4.14	0.68	0.2317
60	OHNO	6	f	t	0.00	24.05	0.80	1.0000
62	SEOW	1	f	t	0.26	34.66	0.19	0.1317
63	ENSTRO	12	f	t	-0.06	31.30	1.87	0.7292
64	ZATLOU	6	f	g	-0.73	5.67	4.76	0.0806
65	IARCKR	2	f	t	-0.22	16.83	2.77	0.3600
66	MCGHEE	2	f	t	0.32	25.59	0.50	0.1032
67	EPICA	10	f	t	-0.17	4.33	0.55	0.7167
68	FANG	2	f	t	0.57	15.25	2.30	0.0258
69	FRANCO	3	f	t	0.59	9.36	1.54	0.0721
70	GORLOV	2	f	t	0.14	10.60	0.02	0.6491
71	RYLAND	2	f	t	0.31	4.98	0.09	0.4822
72	WEN	1	f	t	0.09	25.43	0.24	0.6639
73	YU	1	f	t	0.30	8.70	0.12	0.3760
75	HILL1	2	f	t	0.00	7.71	0.26	1.0000
76	HILL2	3	f	t	0.32	12.07	0.23	0.2631
77	ASOMAN	13	f	t	-0.07	3.19	0.21	0.8968
78	GALLEG	3	f	t	2.08	0.76	2.75	0.0691
79	KURAHA	10	f	t	0.23	16.80	0.04	0.3436
80	YANG	8	f	t	0.69	10.78	2.81	0.0229
83	LIANG	2	f	t	0.37	30.07	1.05	0.0426
84	BRENNE	18	f	t	-0.92	17.99	21.73	0.0001
85	HOSSEI	14	f	t	0.70	8.08	2.14	0.0476
86	JIANG	11	f	t	0.82	8.00	3.23	0.0206
88	LO	16	f	t	0.81	36.48	14.19	0.0000

Relative risks

	N	82
	NS	82
	Wt	1416.65
Het	Chi	156.07
Het	df	81
Het	P	***
Fixed	RR	1.20
	RR1	1.14
	RRu	1.26
	P	+++
Random	RR	1.25
	RR1	1.16
	RRu	1.36
	P	+++
Asymm	P	*

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 2  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
1	GARFI1	1	f 88	94880	65	81859	1.17	( 0.85-	1.61)
2	CHAN	1	f 34	66	50	73	0.75	( 0.43-	1.30)
3	CORREA	2	f 14	61	8	72	2.07	( 0.81-	5.25)
4	TRICHO	1	f 53	116	24	109	2.08	( 1.20-	3.59)
5	BUFFLE	2	f 33	164	8	32	0.80	( 0.34-	1.90)
6	HIRAYA	7	f163	69645	37	21895	1.38	( 0.97-	1.98)
7	KABAT1	4	f 13	15	11	10	0.79	( 0.25-	2.45)
8	GARFI2	3	f 91	254	43	148	1.23	( 0.81-	1.87)
9	LAMW	1	f 37	64	23	80	2.01	( 1.09-	3.72)
10	WU	2	f 19	33	9	22	1.41	( 0.54-	3.67)
11	AKIBA	3	f 73	188	21	82	1.52	( 0.87-	2.63)
12	LEE	5	f 22	45	10	21	1.03	( 0.41-	2.55)
13	BROWN1	1	f 4	7	15	40	1.52	( 0.39-	5.96)
14	GAO	4	f189	276	57	99	1.19	( 0.82-	1.73)
15	HUMBL1	3	f 15	91	5	71	2.34	( 0.81-	6.75)
16	KOO	2	f 51	66	35	70	1.55	( 0.90-	2.67)
17	LAMT	1	f115	152	84	183	1.65	( 1.16-	2.35)
18	PERSHA	1	f 37	153	33	141	1.03	( 0.61-	1.74)
19	BUTLER	1	f 3	10579	5	43052	2.44	( 0.58-	10.22)
20	GENG	1	f 34	41	20	52	2.16	( 1.08-	4.29)
21	INOUE	1	f 18	30	4	17	2.55	( 0.74-	8.78)
22	SHIMIZ	2	f 52	91	38	72	1.08	( 0.64-	1.82)
23	CHOI	2	f 49	88	26	76	1.63	( 0.92-	2.87)
24	HOLE	2	f 5	1295	1	489	1.89	( 0.22-	16.12)
25	SVENSS	1	f 24	114	10	60	1.26	( 0.57-	2.81)
26	JANERI	3	f -	-	-	-	0.75	( 0.47-	1.20)
27	KALAND	2	f 64	70	26	46	1.62	( 0.90-	2.91)
28	SOBUE	1	f 80	395	64	336	1.06	( 0.74-	1.52)
29	WU-WIL	3	f205	331	212	271	0.79	( 0.62-	1.02)
30	LIUZ	1	f 45	176	9	26	0.74	( 0.32-	1.69)
31	BROWN2	3	f218	598	213	568	0.97	( 0.78-	1.21)
32	STOCKW	2	f 44	55	18	36	1.60	( 0.80-	3.19)
33	DU	1	f 47	154	28	100	1.09	( 0.64-	1.85)
34	LIUQ	1	f 25	37	13	32	1.66	( 0.73-	3.78)
35	FONTHA	5	f433	766	218	487	1.26	( 1.04-	1.54)
36	LAYARD	3	f 15	961	24	969	0.63	( 0.33-	1.21)
37	DEWAAR	1	f 19	124	4	67	2.57	( 0.84-	7.85)
38	KABAT2	5	f 41	102	26	71	1.10	( 0.62-	1.96)
39	SCHWAR	5	f -	-	-	-	1.18	( 0.77-	1.81)
40	SUN	11	f144	136	86	94	1.16	( 0.80-	1.68)
41	WANGS	1	f 67	60	15	34	2.53	( 1.26-	5.10)
42	WANGT	2	f 92	89	43	46	1.11	( 0.67-	1.84)
43	CARDEN	9	f 96	114286	54	77948	1.21	( 0.87-	1.69)
44	ZHENG	2	f 62	179	7	51	2.52	( 1.09-	5.85)
46	BOFFET	8	f321	632	187	376	1.02	( 0.82-	1.27)
47	SHEN	1	f 56	59	14	11	0.75	( 0.31-	1.78)
48	ZARIDZ	3	f109	163	80	195	1.63	( 1.14-	2.33)
49	BOFFE2	13	f 33	69	33	68	0.99	( 0.55-	1.77)
50	JEE	3	f 67	-	12	-	1.80	( 0.98-	3.30)
51	RAPITI	1	f 13	21	28	46	1.02	( 0.44-	2.35)
52	SPEIZE	1	f -	-	-	-	1.50	( 0.30-	6.30)
53	ZHONG	1	f322	377	182	224	1.05	( 0.82-	1.34)
54	LEECH	7	f186	253	82	192	1.72	( 1.25-	2.37)
55	MALATS	2	f -	-	-	-	1.70	( 0.95-	3.05)
56	WANGL	35	f169	337	31	70	1.13	( 0.71-	1.80)
57	JOHNSO	7	f 54	543	17	218	1.28	( 0.72-	2.25)
58	LAGARD	3	f -	-	-	-	1.15	( 0.86-	1.54)
59	NISHIN	1	f 11	30566	13	43361	1.20	( 0.54-	2.68)
60	OHNO	5	f139	239	52	90	1.01	( 0.67-	1.50)
62	SEOW	1	f 91	300	85	362	1.29	( 0.93-	1.80)
63	ENSTRO	9	f -	-	-	-	0.99	( 0.72-	1.37)
64	ZATLOU	3	f 7	155	77	734	0.43	( 0.19-	0.95)
65	IARCKR	1	f -	-	-	-	0.90	( 0.60-	1.40)
66	MCGHEE	6	f 96	150	83	195	1.50	( 1.05-	2.16)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 2  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
67	EPICA	10	f -	-	-	-	0.84	( 0.33-	2.17)
68	FANG	1	f -	-	-	-	2.74	( 1.82-	4.14)
69	FRANCO	3	f -	-	-	-	1.80	( 0.95-	3.42)
70	GORLOV	2	f -	-	-	-	1.15	( 0.63-	2.10)
71	RYLAND	2	f -	-	-	-	1.37	( 0.57-	3.30)
72	WEN	1	f -	-	-	-	1.09	( 0.74-	1.61)
73	YU	8	f183	246	30	46	1.14	( 0.69-	1.88)
75	HILL1	2	f -	-	-	-	1.00	( 0.49-	2.01)
76	HILL2	2	f -	-	-	-	1.16	( 0.70-	1.92)
77	ASOMAN	13	f -	-	-	-	0.93	( 0.31-	2.78)
78	GALLEG	3	f -	-	-	-	8.00	( 0.85-	75.31)
79	KURAHA	9	f 84	280346	25	97466	1.17	( 0.75-	1.83)
80	YANG	6	f -	-	-	-	1.20	( 0.65-	2.23)
83	LIANG	2	f141	149	85	130	1.45	( 1.01-	2.07)
84	BRENNE	18	f -	-	-	-	0.40	( 0.25-	0.63)
85	HOSSEI	14	f 21	28	34	91	2.01	( 1.01-	4.00)
86	JIANG	9	f 67	48	31	50	2.25	( 1.26-	4.03)
88	LO	14	f -	-	-	-	2.20	( 1.56-	3.10)
Partial Totals			5103	611714	2883	373932			

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
1	GARFI1	1	f	t	0.16	37.42	0.05	0.3420
2	CHAN	1	f	t	-0.28	12.78	2.91	0.3086
3	CORREA	2	f	t	0.73	4.41	1.25	0.1276
4	TRICHO	1	f	y	0.73	12.77	3.69	0.0091
5	BUFFLE	2	f	t	-0.22	5.19	0.87	0.6209
6	HIRAYA	7	f	t	0.33	30.21	0.54	0.0734
7	KABAT1	4	f	t	-0.24	2.99	0.55	0.6802
8	GARFI2	3	f	t	0.21	22.25	0.01	0.3229
9	LAMW	1	f	a	0.70	10.14	2.60	0.0261
10	WU	2	f	a	0.34	4.18	0.09	0.4850
11	AKIBA	3	f	t	0.42	12.69	0.64	0.1382
12	LEE	5	f	t	0.03	4.64	0.13	0.9548
13	BROWN1	1	f	a	0.42	2.06	0.11	0.5451
14	GAO	4	f	t	0.17	27.35	0.01	0.3644
15	HUMBL1	3	f	t	0.85	3.43	1.48	0.1154
16	KOO	2	f	t	0.44	12.88	0.76	0.1182
17	LAMT	1	f	t	0.50	30.63	2.89	0.0057
18	PERSHA	1	f	t	0.03	14.09	0.36	0.9022
19	BUTLER	1	f	t	0.89	1.88	0.92	0.2215
20	GENG	1	f	t	0.77	8.13	2.70	0.0285
21	INOUE	1	f	t	0.94	2.51	1.39	0.1377
22	SHIMIZ	2	f	t	0.08	14.20	0.18	0.7646
23	CHOI	2	f	t	0.49	11.99	1.04	0.0916
24	HOLE	2	f	t	0.64	0.84	0.16	0.5613
25	SVENSS	1	f	t	0.23	5.98	0.01	0.5677
26	JANERI	3	f	t	-0.29	17.49	4.03	0.2289
27	KALAND	2	f	t	0.48	11.10	0.92	0.1091
28	SOBUE	1	f	t	0.06	29.73	0.51	0.7379
29	WU-WIL	3	f	t	-0.23	61.33	11.13	0.0674
30	LIUZ	1	f	t	-0.30	5.63	1.38	0.4721
31	BROWN2	3	f	t	-0.03	78.65	3.83	0.8021
32	STOCKW	2	f	t	0.47	8.05	0.62	0.1824
33	DU	1	f	t	0.09	13.61	0.15	0.7506
34	LIUQ	1	f	t	0.51	5.71	0.57	0.2242
35	FONTHA	5	f	t	0.23	97.51	0.16	0.0212
36	LAYARD	3	f	t	-0.46	9.06	3.88	0.1647
37	DEWAAR	1	f	t	0.94	3.07	1.73	0.0986
38	KABAT2	5	f	t	0.09	11.53	0.11	0.7517
39	SCHWAR	5	f	t	0.17	21.03	0.02	0.4478
40	SUN	11	f	t	0.15	27.35	0.06	0.4448
41	WANGS	1	f	t	0.93	7.83	4.25	0.0093

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 2  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
42	WANGT	2	f	t	0.10	14.90	0.13	0.6978
43	CARDEN	9	f	t	0.19	34.59	0.00	0.2571
44	ZHENG	2	f	t	0.93	5.43	2.92	0.0310
46	BOFFET	8	f	t	0.02	78.71	2.31	0.8520
47	SHEN	1	f	a	-0.29	5.07	1.20	0.5088
48	ZARIDZ	3	f	t	0.49	30.36	2.66	0.0071
49	BOFFE2	13	f	a	-0.01	11.14	0.48	0.9611
50	JEE	3	f	t	0.59	10.42	1.63	0.0577
51	RAPITI	1	f	t	0.02	5.49	0.17	0.9685
52	SPEIZE	1	f	t	0.41	1.66	0.08	0.6016
53	ZHONG	1	f	t	0.05	63.63	1.29	0.6903
54	LEECH	7	f	t	0.54	37.41	4.60	0.0009
55	MALATS	2	f	t	0.53	11.29	1.29	0.0745
56	WANGL	35	f	t	0.12	18.04	0.08	0.5975
57	JOHNSO	7	f	t	0.24	11.94	0.03	0.4008
58	LAGARD	3	f	t	0.14	45.27	0.13	0.3470
59	NISHIN	1	f	t	0.18	5.96	0.00	0.6557
60	OHNO	5	f	t	0.01	23.97	0.83	0.9743
62	SEOW	1	f	t	0.26	34.66	0.14	0.1317
63	ENSTRO	9	f	t	-0.01	37.13	1.52	0.9512
64	ZATLOU	3	f	g	-0.84	6.11	6.55	0.0372
65	IARCKR	1	f	t	-0.11	21.40	1.90	0.6259
66	MCGHEE	6	f	t	0.41	29.19	1.36	0.0276
67	EPICA	10	f	t	-0.17	4.33	0.58	0.7167
68	FANG	1	f	t	1.01	22.75	15.13	0.0000
69	FRANCO	3	f	t	0.59	9.36	1.46	0.0721
70	GORLOV	2	f	t	0.14	10.60	0.03	0.6491
71	RYLAND	2	f	t	0.31	4.98	0.07	0.4822
72	WEN	1	f	t	0.09	25.43	0.29	0.6639
73	YU	8	f	t	0.13	15.48	0.06	0.6046
75	HILL1	2	f	t	0.00	7.71	0.29	1.0000
76	HILL2	2	f	t	0.15	15.09	0.03	0.5642
77	ASOMAN	13	f	t	-0.07	3.19	0.22	0.8968
78	GALLEG	3	f	t	2.08	0.76	2.72	0.0691
79	KURAHA	9	f	t	0.16	19.27	0.03	0.4951
80	YANG	6	f	t	0.18	10.11	0.00	0.5621
83	LIANG	2	f	t	0.37	30.07	0.95	0.0426
84	BRENNE	18	f	t	-0.92	17.99	22.11	0.0001
85	HOSSEI	14	f	t	0.70	8.08	2.06	0.0476
86	JIANG	9	f	t	0.81	11.36	4.36	0.0062
88	LO	14	f	t	0.79	32.58	11.58	0.0000

Relative risks

	N	82
	NS	82
	Wt	1497.25
Het	Chi	151.94
Het	df	81
Het	P	***
Fixed	RR	1.21
	RRl	1.15
	RRu	1.28
	P	+++
Random	RR	1.25
	RRl	1.15
	RRu	1.34
	P	+++
Asymm	P	(*)

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 3  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)
26	JANERI	3	f -	-	-	-	0.75 ( 0.47-	1.20)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
39	SCHWAR	6	f -	-	-	-	1.10 ( 0.72-	1.68)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
69	FRANCO	3	f -	-	-	-	1.80 ( 0.95-	3.42)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
77	ASOMAN	13	f -	-	-	-	0.93 ( 0.31-	2.78)
78	GALLEG	3	f -	-	-	-	8.00 ( 0.85-	75.31)
80	YANG	8	f -	-	-	-	2.00 ( 1.10-	3.63)
84	BRENNE	18	f -	-	-	-	0.40 ( 0.25-	0.63)
Partial Totals			239	95374	135	82121		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22-	16.12)
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
49	BOFFE2	14	f -	-	-	-	1.00 ( 0.50-	1.90)
55	MALATS	9	f -	-	-	-	1.50 ( 0.77-	2.91)
58	LAGARD	4	f -	-	-	-	1.15 ( 0.84-	1.58)
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
67	EPICA	10	f -	-	-	-	0.84 ( 0.33-	2.17)
71	RYLAND	2	f -	-	-	-	1.37 ( 0.57-	3.30)
Partial Totals			77	1535	29	665		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 3  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By continent - adjusted

Asia									
StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
2	CHAN	1	f 34	66	50	73	0.75	( 0.43-	1.30)
6	HIRAYA	8	f -	-	-	-	1.45	( 1.02-	2.08)
9	LAMW	1	f 37	64	23	80	2.01	( 1.09-	3.72)
11	AKIBA	4	f -	-	-	-	1.50	( 0.93-	2.76)
14	GAO	8	f -	-	-	-	1.30	( 0.87-	1.94)
16	KOO	3	f -	-	-	-	1.64	( 0.87-	3.09)
17	LAMT	1	f115	152	84	183	1.65	( 1.16-	2.35)
20	GENG	1	f 34	41	20	52	2.16	( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25	( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08	( 0.64-	1.82)
23	CHOI	2	f 49	88	26	76	1.63	( 0.92-	2.87)
28	SOBUE	2	f -	-	-	-	1.13	( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70	( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77	( 0.30-	1.96)
33	DU	1	f 47	154	28	100	1.09	( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72	( 0.77-	3.87)
40	SUN	2	f -	-	-	-	1.16	( 0.80-	1.69)
41	WANGS	1	f 67	60	15	34	2.53	( 1.26-	5.10)
42	WANGT	2	f 92	89	43	46	1.11	( 0.67-	1.84)
44	ZHENG	2	f 62	179	7	51	2.52	( 1.09-	5.85)
47	SHEN	1	f 56	59	14	11	0.75	( 0.31-	1.78)
50	JEE	4	f -	-	-	-	1.72	( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20	( 0.50-	2.90)
53	ZHONG	2	f -	-	-	-	1.10	( 0.80-	1.50)
54	LEECH	8	f -	-	-	-	1.87	( 1.29-	2.71)
56	WANGL	36	f -	-	-	-	1.03	( 0.60-	1.70)
59	NISHIN	2	f -	-	-	-	1.80	( 0.67-	4.60)
60	OHNO	6	f -	-	-	-	1.00	( 0.67-	1.49)
62	SEOW	1	f 91	300	85	362	1.29	( 0.93-	1.80)
66	MCGHEE	2	f -	-	-	-	1.38	( 0.94-	2.04)
68	FANG	2	f -	-	-	-	1.77	( 1.07-	2.92)
72	WEN	1	f -	-	-	-	1.09	( 0.74-	1.61)
73	YU	1	f -	-	-	-	1.35	( 0.70-	2.63)
79	KURAHA	10	f -	-	-	-	1.26	( 0.78-	2.03)
83	LIANG	2	f141	149	85	130	1.45	( 1.01-	2.07)
85	HOSSEI	14	f 21	28	34	91	2.01	( 1.01-	4.00)
86	JIANG	11	f -	-	-	-	2.27	( 1.13-	4.53)
88	LO	16	f -	-	-	-	2.24	( 1.62-	3.10)
Partial Totals			898	1520	552	1361			
*prospective study									

Other									
StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
75	HILL1	2	f -	-	-	-	1.00	( 0.49-	2.01)
76	HILL2	3	f -	-	-	-	1.38	( 0.78-	2.41)
Partial Totals			0	0	0	0			
*prospective study									

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 3  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By continent - adjusted

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	26	16	38	2	82
NS	26	16	38	2	82
Wt	454.01	236.04	706.81	19.79	1416.65
Het Chi	44.87	19.85	84.79	0.49	156.07
Het df	25	15	37	1	81
Het P	**	N.S.	***	N.S.	***
Fixed RR	1.10	1.21	1.27	1.22	1.20
RRl	1.00	1.06	1.18	0.78	1.14
RRu	1.20	1.37	1.37	1.89	1.26
P	(+)	++	+++	N.S.	+++
Random RR	1.11	1.23	1.36	1.22	1.25
RRl	0.96	1.04	1.21	0.78	1.16
RRu	1.28	1.45	1.54	1.89	1.36
P	N.S.	+	+++	N.S.	+++
Asymm P	N.S.	N.S.	**		*
Between Chi		1.48	6.06	0.21	6.08
Between df		1	1	1	3
Between P		N.S.	+	N.S.	N.S.

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 4  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
10	WU	2	f 19	33	9	22	1.41 ( 0.54-	3.67)
13	BROWN1	1	f 4	7	15	40	1.52 ( 0.39-	5.96)
15	HUMBL1	3	f 15	91	5	71	2.34 ( 0.81-	6.75)
19	BUTLER	1	f 3	10579	5	43052	2.44 ( 0.58-	10.22)
26	JANERI	3	f -	-	-	-	0.75 ( 0.47-	1.20)
31	BROWN2	3	f218	598	213	568	0.97 ( 0.78-	1.21)
32	STOCKW	2	f 44	55	18	36	1.60 ( 0.80-	3.19)
35	FONTHA	5	f433	766	218	487	1.26 ( 1.04-	1.54)
36	LAYARD	3	f 15	961	24	969	0.63 ( 0.33-	1.21)
38	KABAT2	5	f 41	102	26	71	1.10 ( 0.62-	1.96)
39	SCHWAR	5	f -	-	-	-	1.18 ( 0.77-	1.81)
43	CARDEN	9	f 96	114286	54	77948	1.21 ( 0.87-	1.69)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
57	JOHNSO	7	f 54	543	17	218	1.28 ( 0.72-	2.25)
63	ENSTRO	9	f -	-	-	-	0.99 ( 0.72-	1.37)
69	FRANCO	3	f -	-	-	-	1.80 ( 0.95-	3.42)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
77	ASOMAN	13	f -	-	-	-	0.93 ( 0.31-	2.78)
78	GALLEG	3	f -	-	-	-	8.00 ( 0.85-	75.31)
80	YANG	6	f -	-	-	-	1.20 ( 0.65-	2.23)
84	BRENNE	18	f -	-	-	-	0.40 ( 0.25-	0.63)
Partial Totals			1181	223395	739	205603		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
12	LEE	5	f 22	45	10	21	1.03 ( 0.41-	2.55)
18	PERSHA	1	f 37	153	33	141	1.03 ( 0.61-	1.74)
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22-	16.12)
25	SVENSS	1	f 24	114	10	60	1.26 ( 0.57-	2.81)
27	KALAND	2	f 64	70	26	46	1.62 ( 0.90-	2.91)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
46	BOFFET	8	f321	632	187	376	1.02 ( 0.82-	1.27)
48	ZARIDZ	3	f109	163	80	195	1.63 ( 1.14-	2.33)
49	BOFFE2	13	f 33	69	33	68	0.99 ( 0.55-	1.77)
55	MALATS	2	f -	-	-	-	1.70 ( 0.95-	3.05)
58	LAGARD	3	f -	-	-	-	1.15 ( 0.86-	1.54)
64	ZATLOU	3	f 7	155	77	734	0.43 ( 0.19-	0.95)
65	IARCKR	1	f -	-	-	-	0.90 ( 0.60-	1.40)
67	EPICA	10	f -	-	-	-	0.84 ( 0.33-	2.17)
71	RYLAND	2	f -	-	-	-	1.37 ( 0.57-	3.30)
Partial Totals			694	2936	485	2306		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 4  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By continent - unadjusted

Asia									
StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
2	CHAN	1	f 34	66	50	73	0.75	( 0.43-	1.30)
6	HIRAYA	7	f163	69645	37	21895	1.38	( 0.97-	1.98)
9	LAMW	1	f 37	64	23	80	2.01	( 1.09-	3.72)
11	AKIBA	3	f 73	188	21	82	1.52	( 0.87-	2.63)
14	GAO	4	f189	276	57	99	1.19	( 0.82-	1.73)
16	KOO	2	f 51	66	35	70	1.55	( 0.90-	2.67)
17	LAMT	1	f115	152	84	183	1.65	( 1.16-	2.35)
20	GENG	1	f 34	41	20	52	2.16	( 1.08-	4.29)
21	INOUE	1	f 18	30	4	17	2.55	( 0.74-	8.78)
22	SHIMIZ	2	f 52	91	38	72	1.08	( 0.64-	1.82)
23	CHOI	2	f 49	88	26	76	1.63	( 0.92-	2.87)
28	SOBUE	1	f 80	395	64	336	1.06	( 0.74-	1.52)
29	WU-WIL	3	f205	331	212	271	0.79	( 0.62-	1.02)
30	LIUZ	1	f 45	176	9	26	0.74	( 0.32-	1.69)
33	DU	1	f 47	154	28	100	1.09	( 0.64-	1.85)
34	LIUQ	1	f 25	37	13	32	1.66	( 0.73-	3.78)
40	SUN	11	f144	136	86	94	1.16	( 0.80-	1.68)
41	WANGS	1	f 67	60	15	34	2.53	( 1.26-	5.10)
42	WANGT	2	f 92	89	43	46	1.11	( 0.67-	1.84)
44	ZHENG	2	f 62	179	7	51	2.52	( 1.09-	5.85)
47	SHEN	1	f 56	59	14	11	0.75	( 0.31-	1.78)
50	JEE	3	f 67	-	12	-	1.80	( 0.98-	3.30)
51	RAPITI	1	f 13	21	28	46	1.02	( 0.44-	2.35)
53	ZHONG	1	f322	377	182	224	1.05	( 0.82-	1.34)
54	LEECH	7	f186	253	82	192	1.72	( 1.25-	2.37)
56	WANGL	35	f169	337	31	70	1.13	( 0.71-	1.80)
59	NISHIN	1	f 11	30566	13	43361	1.20	( 0.54-	2.68)
60	OHNO	5	f139	239	52	90	1.01	( 0.67-	1.50)
62	SEOW	1	f 91	300	85	362	1.29	( 0.93-	1.80)
66	MCGHEE	6	f 96	150	83	195	1.50	( 1.05-	2.16)
68	FANG	1	f -	-	-	-	2.74	( 1.82-	4.14)
72	WEN	1	f -	-	-	-	1.09	( 0.74-	1.61)
73	YU	8	f183	246	30	46	1.14	( 0.69-	1.88)
79	KURAHA	9	f 84	280346	25	97466	1.17	( 0.75-	1.83)
83	LIANG	2	f141	149	85	130	1.45	( 1.01-	2.07)
85	HOSSEI	14	f 21	28	34	91	2.01	( 1.01-	4.00)
86	JIANG	9	f 67	48	31	50	2.25	( 1.26-	4.03)
88	LO	14	f -	-	-	-	2.20	( 1.56-	3.10)
Partial Totals			3228	385383	1659	166023			
*prospective study									

Other									
StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
75	HILL1	2	f -	-	-	-	1.00	( 0.49-	2.01)
76	HILL2	2	f -	-	-	-	1.16	( 0.70-	1.92)
Partial Totals			0	0	0	0			
*prospective study									

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 4  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By continent - unadjusted

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	26	16	38	2	82
NS	26	16	38	2	82
Wt	464.45	266.09	743.91	22.81	1497.25
Het Chi	41.33	22.67	77.86	0.11	151.94
Het df	25	15	37	1	81
Het P	*	(*)	***	N.S.	***
Fixed RR	1.09	1.17	1.31	1.10	1.21
RRl	1.00	1.04	1.22	0.73	1.15
RRu	1.20	1.32	1.41	1.66	1.28
P	(+)	++	+++	N.S.	+++
Random RR	1.10	1.20	1.36	1.10	1.25
RRl	0.96	1.01	1.22	0.73	1.15
RRu	1.26	1.42	1.52	1.66	1.34
P	N.S.	+	+++	N.S.	+++
Asymm P	N.S.	N.S.	(*)		(*)
Between Chi		0.78	9.36	0.00	9.97
Between df		1	1	1	3
Between P		N.S.	++	N.S.	*

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 5  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By country within Asia - adjusted

Japan

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02- 2.08)	
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93- 2.76)	
21	INOUE	2	f -	-	-	-	2.25 ( 0.77- 8.85)	
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64- 1.82)	
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78- 1.63)	
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67- 4.60)	
60	OHNO	6	f -	-	-	-	1.00 ( 0.67- 1.49)	
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78- 2.03)	
Partial Totals			52	91	38	72		

\*prospective study

HongKong

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43- 1.30)	
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09- 3.72)	
16	KOO	3	f -	-	-	-	1.64 ( 0.87- 3.09)	
17	LAMT	1	f 115	152	84	183	1.65 ( 1.16- 2.35)	
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94- 2.04)	
73	YU	1	f -	-	-	-	1.35 ( 0.70- 2.63)	
Partial Totals			186	282	157	336		

\*prospective study

China

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
14	GAO	8	f -	-	-	-	1.30 ( 0.87- 1.94)	
20	GENG	1	f 34	41	20	52	2.16 ( 1.08- 4.29)	
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60- 0.90)	
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30- 1.96)	
33	DU	1	f 47	154	28	100	1.09 ( 0.64- 1.85)	
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77- 3.87)	
40	SUN	2	f -	-	-	-	1.16 ( 0.80- 1.69)	
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26- 5.10)	
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67- 1.84)	
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09- 5.85)	
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31- 1.78)	
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80- 1.50)	
56	WANGL	36	f -	-	-	-	1.03 ( 0.60- 1.70)	
68	FANG	2	f -	-	-	-	1.77 ( 1.07- 2.92)	
72	WEN	1	f -	-	-	-	1.09 ( 0.74- 1.61)	
83	LIANG	2	f 141	149	85	130	1.45 ( 1.01- 2.07)	
86	JIANG	11	f -	-	-	-	2.27 ( 1.13- 4.53)	
Partial Totals			499	731	212	424		

\*prospective study

Other

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92- 2.87)	
50	JEE	4	f -	-	-	-	1.72 ( 0.93- 3.18)	
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50- 2.90)	
54	LEECH	8	f -	-	-	-	1.87 ( 1.29- 2.71)	
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93- 1.80)	
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01- 4.00)	
88	LO	16	f -	-	-	-	2.24 ( 1.62- 3.10)	
Partial Totals			161	416	145	529		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 5  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By country within Asia - adjusted

	Japan	HongKong	China	Other	Total
Relative risks					
N	8	6	17	7	38
NS	8	6	17	7	38
Wt	133.30	97.41	341.86	134.24	706.81
Het Chi	4.32	7.31	45.19	6.45	84.79
Het df	7	5	16	6	37
Het P	N.S.	N.S.	***	N.S.	***
Fixed RR	1.25	1.42	1.10	1.73	1.27
RRl	1.05	1.17	0.99	1.46	1.18
RRu	1.48	1.74	1.22	2.05	1.37
P	+	+++	(+)	+++	+++
Random RR	1.25	1.41	1.27	1.73	1.36
RRl	1.05	1.10	1.04	1.45	1.21
RRu	1.48	1.81	1.55	2.07	1.54
P	+	++	+	+++	+++
Asymm P	N.S.	N.S.	**	N.S.	**
Between Chi		0.97	1.60	7.17	21.52
Between df		1	1	1	3
Between P		N.S.	N.S.	++	***

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 6  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By region within Europe - adjusted

Western

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	6	f -	-	-	-	1.00 ( 0.37- 2.71)	
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70- 2.10)	
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22- 16.12)	
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53- 3.49)	
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84- 7.85)	
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88- 1.39)	
58	LAGARD	4	f -	-	-	-	1.15 ( 0.84- 1.58)	
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50- 1.30)	
67	EPICA	10	f -	-	-	-	0.84 ( 0.33- 2.17)	
71	RYLAND	2	f -	-	-	-	1.37 ( 0.57- 3.30)	
Partial Totals			24	1419	5	556		

\*prospective study

Other

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20- 3.59)	
27	KALAND	3	f -	-	-	-	2.11 ( 1.09- 4.08)	
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06- 2.21)	
49	BOFFE2	14	f -	-	-	-	1.00 ( 0.50- 1.90)	
55	MALATS	9	f -	-	-	-	1.50 ( 0.77- 2.91)	
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21- 1.09)	
Partial Totals			53	116	24	109		

\*prospective study

Western                  Other                  Total

Relative risks

N	10	6	16
NS	10	6	16
Wt	163.01	73.03	236.04
Het Chi	5.10	11.09	19.85
Het df	9	5	15
Het P	N.S.	*	N.S.
Fixed RR	1.11	1.45	1.21
RRl	0.95	1.16	1.06
RRu	1.30	1.83	1.37
P	N.S.	++	++
Random RR	1.11	1.38	1.23
RRl	0.95	0.96	1.04
RRu	1.30	1.99	1.45
P	N.S.	(+)	+
Asymm P	N.S.	N.S.	N.S.
Between Chi		3.66	3.66
Between df		1	1
Between P		(+)	(*)

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 7  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By publication year (3 groups) - adjusted

1981-89

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
1	GARFI1	1	f 88	94880	65	81859	1.17	( 0.85-	1.61)
2	CHAN	1	f 34	66	50	73	0.75	( 0.43-	1.30)
3	CORREA	2	f 14	61	8	72	2.07	( 0.81-	5.25)
4	TRICHO	1	f 53	116	24	109	2.08	( 1.20-	3.59)
5	BUFFLE	2	f 33	164	8	32	0.80	( 0.34-	1.90)
6	HIRAYA	8	f -	-	-	-	1.45	( 1.02-	2.08)
7	KABAT1	4	f 13	15	11	10	0.79	( 0.25-	2.45)
8	GARFI2	3	f 91	254	43	148	1.23	( 0.81-	1.87)
9	LAMW	1	f 37	64	23	80	2.01	( 1.09-	3.72)
10	WU	3	f -	-	-	-	1.20	( 0.50-	3.30)
11	AKIBA	4	f -	-	-	-	1.50	( 0.93-	2.76)
12	LEE	6	f -	-	-	-	1.00	( 0.37-	2.71)
13	BROWN1	2	f -	-	-	-	1.68	( 0.39-	6.90)
14	GAO	8	f -	-	-	-	1.30	( 0.87-	1.94)
15	HUMBL1	4	f -	-	-	-	2.20	( 0.76-	6.56)
16	KOO	3	f -	-	-	-	1.64	( 0.87-	3.09)
17	LAMT	1	f115	152	84	183	1.65	( 1.16-	2.35)
18	PERSHA	2	f -	-	-	-	1.20	( 0.70-	2.10)
19	BUTLER	2	f -	-	-	-	2.02	( 0.48-	8.56)
20	GENG	1	f 34	41	20	52	2.16	( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25	( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08	( 0.64-	1.82)
23	CHOI	2	f 49	88	26	76	1.63	( 0.92-	2.87)
24	HOLE	2	f 5	1295	1	489	1.89	( 0.22-	16.12)
25	SVENSS	5	f -	-	-	-	1.36	( 0.53-	3.49)
Partial Totals			618	97287	401	83255			

\*prospective study

1990-99

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
26	JANERI	3	f -	-	-	-	0.75	( 0.47-	1.20)
27	KALAND	3	f -	-	-	-	2.11	( 1.09-	4.08)
28	SOBUE	2	f -	-	-	-	1.13	( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70	( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77	( 0.30-	1.96)
31	BROWN2	4	f -	-	-	-	1.00	( 0.80-	1.20)
32	STOCKW	3	f -	-	-	-	1.60	( 0.80-	3.00)
33	DU	1	f 47	154	28	100	1.09	( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72	( 0.77-	3.87)
35	FONTHA	6	f -	-	-	-	1.29	( 1.04-	1.60)
36	LAYARD	4	f -	-	-	-	0.58	( 0.30-	1.13)
37	DEWAAR	1	f 19	124	4	67	2.57	( 0.84-	7.85)
38	KABAT2	6	f -	-	-	-	1.08	( 0.60-	1.94)
39	SCHWAR	6	f -	-	-	-	1.10	( 0.72-	1.68)
40	SUN	2	f -	-	-	-	1.16	( 0.80-	1.69)
41	WANGS	1	f 67	60	15	34	2.53	( 1.26-	5.10)
42	WANGT	2	f 92	89	43	46	1.11	( 0.67-	1.84)
43	CARDEN	10	f -	-	-	-	1.20	( 0.80-	1.60)
44	ZHENG	2	f 62	179	7	51	2.52	( 1.09-	5.85)
46	BOFFET	9	f -	-	-	-	1.11	( 0.88-	1.39)
47	SHEN	1	f 56	59	14	11	0.75	( 0.31-	1.78)
48	ZARIDZ	4	f -	-	-	-	1.53	( 1.06-	2.21)
49	BOFFE2	14	f -	-	-	-	1.00	( 0.50-	1.90)
50	JEE	4	f -	-	-	-	1.72	( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20	( 0.50-	2.90)
52	SPEIZE	1	f -	-	-	-	1.50	( 0.30-	6.30)
53	ZHONG	2	f -	-	-	-	1.10	( 0.80-	1.50)
Partial Totals			343	665	111	309			

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 7  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By publication year (3 groups) - adjusted

2000-		NRR	Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref		Case	Cont	Case	Cont		
54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)
55	MALATS	9	f -	-	-	-	1.50 ( 0.77-	2.91)
56	WANGL	36	f -	-	-	-	1.03 ( 0.60-	1.70)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
58	LAGARD	4	f -	-	-	-	1.15 ( 0.84-	1.58)
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67-	4.60)
60	OHNO	6	f -	-	-	-	1.00 ( 0.67-	1.49)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
67	EPICA	10	f -	-	-	-	0.84 ( 0.33-	2.17)
68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
69	FRANCO	3	f -	-	-	-	1.80 ( 0.95-	3.42)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
71	RYLAND	2	f -	-	-	-	1.37 ( 0.57-	3.30)
72	WEN	1	f -	-	-	-	1.09 ( 0.74-	1.61)
73	YU	1	f -	-	-	-	1.35 ( 0.70-	2.63)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)
76	HILL2	3	f -	-	-	-	1.38 ( 0.78-	2.41)
77	ASOMAN	13	f -	-	-	-	0.93 ( 0.31-	2.78)
78	GALLEG	3	f -	-	-	-	8.00 ( 0.85-	75.31)
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78-	2.03)
80	YANG	8	f -	-	-	-	2.00 ( 1.10-	3.63)
83	LIANG	2	f 141	149	85	130	1.45 ( 1.01-	2.07)
84	BRENNE	18	f -	-	-	-	0.40 ( 0.25-	0.63)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01-	4.00)
86	JIANG	11	f -	-	-	-	2.27 ( 1.13-	4.53)
88	LO	16	f -	-	-	-	2.24 ( 1.62-	3.10)
Partial Totals			253	477	204	583		

\*prospective study

1981-89    1990-99    2000-    Total

Relative risks

N	25	27	30	82
NS	25	27	30	82
Wt	285.28	660.34	471.02	1416.65
Het Chi	19.52	52.69	69.92	156.07
Het df	24	26	29	81
Het P	N.S.	**	***	***
Fixed RR	1.38	1.09	1.27	1.20
RRl	1.23	1.01	1.16	1.14
RRu	1.55	1.17	1.39	1.26
P	+++	+	+++	+++
Random RR	1.38	1.15	1.26	1.25
RRl	1.23	1.02	1.09	1.16
RRu	1.55	1.30	1.47	1.36
P	+++	+	++	+++
Asymm P	N.S.	(*)	N.S.	*
Between Chi		11.77	1.33	13.95
Between df		1	1	2
Between P		---	N.S.	***

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 8  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By publication year (7 groups) - adjusted

1981-86

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
Partial Totals			363	95620	232	82383		

\*prospective study

1987-89

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22-	16.12)
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
Partial Totals			255	1667	169	872		

\*prospective study

1990-94

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
26	JANERI	3	f -	-	-	-	0.75 ( 0.47-	1.20)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
Partial Totals			47	154	28	100		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 8  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By publication year (7 groups) - adjusted

1995-98

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84- 7.85)	
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60- 1.94)	
39	SCHWAR	6	f -	-	-	-	1.10 ( 0.72- 1.68)	
40	SUN	2	f -	-	-	-	1.16 ( 0.80- 1.69)	
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26- 5.10)	
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67- 1.84)	
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80- 1.60)	
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09- 5.85)	
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88- 1.39)	
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31- 1.78)	
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06- 2.21)	
Partial Totals			296	511	83	209		

\*prospective study

1999-2002

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
49	BOFFE2	14	f -	-	-	-	1.00 ( 0.50- 1.90)	
50	JEE	4	f -	-	-	-	1.72 ( 0.93- 3.18)	
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50- 2.90)	
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30- 6.30)	
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80- 1.50)	
54	LEECH	8	f -	-	-	-	1.87 ( 1.29- 2.71)	
55	MALATS	9	f -	-	-	-	1.50 ( 0.77- 2.91)	
56	WANGL	36	f -	-	-	-	1.03 ( 0.60- 1.70)	
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62- 2.30)	
58	LAGARD	4	f -	-	-	-	1.15 ( 0.84- 1.58)	
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67- 4.60)	
60	OHNO	6	f -	-	-	-	1.00 ( 0.67- 1.49)	
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93- 1.80)	
Partial Totals			91	300	85	362		

\*prospective study

2003-06

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66- 1.33)	
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21- 1.09)	
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50- 1.30)	
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94- 2.04)	
67	EPICA	10	f -	-	-	-	0.84 ( 0.33- 2.17)	
68	FANG	2	f -	-	-	-	1.77 ( 1.07- 2.92)	
69	FRANCO	3	f -	-	-	-	1.80 ( 0.95- 3.42)	
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63- 2.10)	
71	RYLAND	2	f -	-	-	-	1.37 ( 0.57- 3.30)	
72	WEN	1	f -	-	-	-	1.09 ( 0.74- 1.61)	
73	YU	1	f -	-	-	-	1.35 ( 0.70- 2.63)	
Partial Totals			0	0	0	0		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 8  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By publication year (7 groups) - adjusted

2007 onwards

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
75	HILL1	2	f -	-	-	-	1.00	( 0.49-	2.01)
76	HILL2	3	f -	-	-	-	1.38	( 0.78-	2.41)
77	ASOMAN	13	f -	-	-	-	0.93	( 0.31-	2.78)
78	GALLEG	3	f -	-	-	-	8.00	( 0.85-	75.31)
79	KURAHA	10	f -	-	-	-	1.26	( 0.78-	2.03)
80	YANG	8	f -	-	-	-	2.00	( 1.10-	3.63)
83	LIANG	2	f141	149	85	130	1.45	( 1.01-	2.07)
84	BRENNE	18	f -	-	-	-	0.40	( 0.25-	0.63)
85	HOSSEI	14	f 21	28	34	91	2.01	( 1.01-	4.00)
86	JIANG	11	f -	-	-	-	2.27	( 1.13-	4.53)
88	LO	16	f -	-	-	-	2.24	( 1.62-	3.10)
Partial Totals			162	177	119	221			

\*prospective study

		1981-86	1987-89	1990-94	1995-98	1999-2002	2003-06	2007 onwa	Total
Relative risks									
N		12	13	11	11	13	11	11	82
NS		12	13	11	11	13	11	11	82
Wt		159.38	125.90	365.72	230.32	225.34	158.04	151.94	1416.65
Het Chi		12.85	5.29	30.66	12.68	9.58	14.22	44.50	156.07
Het df		11	12	10	10	12	10	10	81
Het P		N.S.	N.S.	***	N.S.	N.S.	N.S.	***	***
Fixed RR		1.30	1.50	0.99	1.23	1.25	1.13	1.42	1.20
RRl		1.11	1.26	0.89	1.08	1.10	0.97	1.21	1.14
RRu		1.52	1.78	1.09	1.40	1.43	1.32	1.66	1.26
P		+++	+++	N.S.	++	+++	N.S.	+++	+++
Random RR		1.30	1.50	1.04	1.25	1.25	1.14	1.41	1.25
RRl		1.09	1.26	0.84	1.07	1.10	0.94	0.98	1.16
RRu		1.55	1.78	1.28	1.47	1.43	1.38	2.03	1.36
P		++	+++	N.S.	++	+++	N.S.	(+)	+++
Asymm P		N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	*
Between Chi			1.38	8.43	0.29	0.14	1.52	0.56	26.30
Between df			1	1	1	1	1	1	6
Between P			N.S.	--	N.S.	N.S.	N.S.	N.S.	***

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 9  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By number of female lung cancer cases (grouped) - adjusted

1-49

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22-	16.12)
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67-	4.60)
71	RYLAND	2	f -	-	-	-	1.37 ( 0.57-	3.30)
Partial Totals			71	1644	21	660		

\*prospective study

50-99

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
49	BOFFE2	14	f -	-	-	-	1.00 ( 0.50-	1.90)
50	JEE	4	f -	-	-	-	1.72 ( 0.93-	3.18)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
69	FRANCO	3	f -	-	-	-	1.80 ( 0.95-	3.42)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)
77	ASOMAN	13	f -	-	-	-	0.93 ( 0.31-	2.78)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01-	4.00)
86	JIANG	11	f -	-	-	-	2.27 ( 1.13-	4.53)
Partial Totals			525	961	290	759		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 9  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By number of female lung cancer cases (grouped) - adjusted

100-199

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
26	JANERI	3	f -	-	-	-	0.75 ( 0.47-	1.20)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
39	SCHWAR	6	f -	-	-	-	1.10 ( 0.72-	1.68)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
55	MALATS	9	f -	-	-	-	1.50 ( 0.77-	2.91)
60	OHNO	6	f -	-	-	-	1.00 ( 0.67-	1.49)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
72	WEN	1	f -	-	-	-	1.09 ( 0.74-	1.61)
76	HILL2	3	f -	-	-	-	1.38 ( 0.78-	2.41)
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78-	2.03)
84	BRENNE	18	f -	-	-	-	0.40 ( 0.25-	0.63)
Partial Totals			477	95675	320	82598		

\*prospective study

200-399

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)
56	WANGL	36	f -	-	-	-	1.03 ( 0.60-	1.70)
58	LAGARD	4	f -	-	-	-	1.15 ( 0.84-	1.58)
73	YU	1	f -	-	-	-	1.35 ( 0.70-	2.63)
83	LIANG	2	f141	149	85	130	1.45 ( 1.01-	2.07)
88	LO	16	f -	-	-	-	2.24 ( 1.62-	3.10)
Partial Totals			141	149	85	130		

\*prospective study

400+

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80-	1.50)
Partial Totals			0	0	0	0		

\*prospective study

Unknown

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
67	EPICA	10	f -	-	-	-	0.84 ( 0.33-	2.17)
78	GALLEG	3	f -	-	-	-	8.00 ( 0.85-	75.31)
80	YANG	8	f -	-	-	-	2.00 ( 1.10-	3.63)
Partial Totals			0	0	0	0		

\*prospective study

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 9  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female

By number of female lung cancer cases (grouped) - adjusted

		1-49	50-99	100-199	200-399	400+	Unknown	Total
Relative risks	N	17	26	20	11	5	3	82
	NS	17	26	20	11	5	3	82
	Wt	66.01	234.31	440.11	278.21	382.15	15.88	1416.65
	Het Chi	12.80	36.84	39.06	15.24	18.41	4.27	156.07
	Het df	16	25	19	10	4	2	81
	Het P	N.S.	(*)	**	N.S.	**	N.S.	***
Fixed	RR	1.33	1.38	1.14	1.42	1.00	1.69	1.20
	RRl	1.04	1.22	1.04	1.26	0.90	1.03	1.14
	RRu	1.69	1.57	1.25	1.60	1.10	2.76	1.26
	P	+	+++	++	+++	N.S.	+	+++
Random	RR	1.33	1.38	1.13	1.42	1.01	1.72	1.25
	RRl	1.04	1.18	0.99	1.22	0.82	0.71	1.16
	RRu	1.69	1.62	1.30	1.64	1.26	4.15	1.36
	P	+	+++	(+)	+++	N.S.	N.S.	+++
Asymm	P	*	N.S.	N.S.	N.S.	N.S.	N.S.	*
Between	Chi		0.10	1.27	0.27	4.54	0.75	29.46
Between	df		1	1	1	1	1	5
Between	P		N.S.	N.S.	N.S.	-	N.S.	***

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 10  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By number of male+female lung cancer cases (grouped) - adjusted

1-49

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22-	16.12)
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67-	4.60)
71	RYLAND	2	f -	-	-	-	1.37 ( 0.57-	3.30)
78	GALLEG	3	f -	-	-	-	8.00 ( 0.85-	75.31)
Partial Totals			38	1480	13	628		

\*prospective study

50-99

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
49	BOFFE2	14	f -	-	-	-	1.00 ( 0.50-	1.90)
50	JEE	4	f -	-	-	-	1.72 ( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
67	EPICA	10	f -	-	-	-	0.84 ( 0.33-	2.17)
69	FRANCO	3	f -	-	-	-	1.80 ( 0.95-	3.42)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01-	4.00)
Partial Totals			558	1125	298	791		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 10  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By number of male+female lung cancer cases (grouped) - adjusted

100-199

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
26	JANERI	3	f -	-	-	-	0.75 ( 0.47-	1.20)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
55	MALATS	9	f -	-	-	-	1.50 ( 0.77-	2.91)
60	OHNO	6	f -	-	-	-	1.00 ( 0.67-	1.49)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
72	WEN	1	f -	-	-	-	1.09 ( 0.74-	1.61)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)
77	ASOMAN	13	f -	-	-	-	0.93 ( 0.31-	2.78)
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78-	2.03)
84	BRENNE	18	f -	-	-	-	0.40 ( 0.25-	0.63)
86	JIANG	11	f -	-	-	-	2.27 ( 1.13-	4.53)
Partial Totals			477	95675	320	82598		

\*prospective study

200-399

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
39	SCHWAR	6	f -	-	-	-	1.10 ( 0.72-	1.68)
40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)
56	WANGL	36	f -	-	-	-	1.03 ( 0.60-	1.70)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
73	YU	1	f -	-	-	-	1.35 ( 0.70-	2.63)
76	HILL2	3	f -	-	-	-	1.38 ( 0.78-	2.41)
80	YANG	8	f -	-	-	-	2.00 ( 1.10-	3.63)
83	LIANG	2	f141	149	85	130	1.45 ( 1.01-	2.07)
Partial Totals			141	149	85	130		

\*prospective study

400+

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80-	1.50)
58	LAGARD	4	f -	-	-	-	1.15 ( 0.84-	1.58)
88	LO	16	f -	-	-	-	2.24 ( 1.62-	3.10)
Partial Totals			0	0	0	0		

\*prospective study

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 10  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female

By number of male+female lung cancer cases (grouped) - adjusted

		1-49	50-99	100-199	200-399	400+	Total
Relative risks							
	N	15	25	20	15	7	82
	NS	15	25	20	15	7	82
	Wt	47.87	214.49	382.20	314.97	457.13	1416.65
	Het Chi	5.11	41.49	41.42	12.29	40.38	156.07
	Het df	14	24	19	14	6	81
	Het P	N.S.	*	**	N.S.	***	***
Fixed	RR	1.69	1.31	1.16	1.31	1.08	1.20
	RRl	1.27	1.15	1.05	1.17	0.98	1.14
	RRu	2.25	1.50	1.28	1.46	1.18	1.26
	P	+++	+++	++	+++	N.S.	+++
Random	RR	1.69	1.30	1.15	1.31	1.15	1.25
	RRl	1.27	1.08	0.99	1.17	0.90	1.16
	RRu	2.25	1.55	1.34	1.46	1.46	1.36
	P	+++	++	(+)	+++	N.S.	+++
Asymm	P	(*)	N.S.	N.S.	N.S.	N.S.	*
Between	Chi		2.54	6.02	2.76	8.83	15.40
Between	df		1	1	1	1	4
Between	P		N.S.	-	(-)	--	**

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 11  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By full histological confirmation or not - adjusted

No

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22-	16.12)
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
50	JEE	4	f -	-	-	-	1.72 ( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80-	1.50)
56	WANGL	36	f -	-	-	-	1.03 ( 0.60-	1.70)
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67-	4.60)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
67	EPICA	10	f -	-	-	-	0.84 ( 0.33-	2.17)
71	RYLAND	2	f -	-	-	-	1.37 ( 0.57-	3.30)
72	WEN	1	f -	-	-	-	1.09 ( 0.74-	1.61)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)
76	HILL2	3	f -	-	-	-	1.38 ( 0.78-	2.41)
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78-	2.03)
Partial Totals			534	97157	299	83074		

\*prospective study

Yes

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
26	JANERI	3	f -	-	-	-	0.75 ( 0.47-	1.20)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
39	SCHWAR	6	f -	-	-	-	1.10 ( 0.72-	1.68)
40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 11  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By full histological confirmation or not - adjusted

Yes

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
47	SHEN	1	f 56	59	14	11	0.75	( 0.31-	1.78)
48	ZARIDZ	4	f -	-	-	-	1.53	( 1.06-	2.21)
49	BOFFE2	14	f -	-	-	-	1.00	( 0.50-	1.90)
52	SPEIZE	1	f -	-	-	-	1.50	( 0.30-	6.30)
54	LEECH	8	f -	-	-	-	1.87	( 1.29-	2.71)
55	MALATS	9	f -	-	-	-	1.50	( 0.77-	2.91)
57	JOHNSO	8	f -	-	-	-	1.20	( 0.62-	2.30)
58	LAGARD	4	f -	-	-	-	1.15	( 0.84-	1.58)
60	OHNO	6	f -	-	-	-	1.00	( 0.67-	1.49)
62	SEOW	1	f 91	300	85	362	1.29	( 0.93-	1.80)
64	ZATLOU	6	f -	-	-	-	0.48	( 0.21-	1.09)
65	IARCKR	2	f -	-	-	-	0.80	( 0.50-	1.30)
68	FANG	2	f -	-	-	-	1.77	( 1.07-	2.92)
69	FRANCO	3	f -	-	-	-	1.80	( 0.95-	3.42)
70	GORLOV	2	f -	-	-	-	1.15	( 0.63-	2.10)
73	YU	1	f -	-	-	-	1.35	( 0.70-	2.63)
77	ASOMAN	13	f -	-	-	-	0.93	( 0.31-	2.78)
78	GALLEG	3	f -	-	-	-	8.00	( 0.85-	75.31)
80	YANG	8	f -	-	-	-	2.00	( 1.10-	3.63)
83	LIANG	2	f141	149	85	130	1.45	( 1.01-	2.07)
84	BRENNE	18	f -	-	-	-	0.40	( 0.25-	0.63)
85	HOSSEI	14	f 21	28	34	91	2.01	( 1.01-	4.00)
86	JIANG	11	f -	-	-	-	2.27	( 1.13-	4.53)
Partial Totals			680	1272	417	1073			
*prospective study									

No                  Yes                  Total

Relative risks

	N	41	40	81
	NS	41	40	81
	Wt	756.50	623.67	1380.17
Het	Chi	67.18	71.07	141.50
Het	df	40	39	80
Het	P	**	**	***
Fixed	RR	1.13	1.25	1.18
	RRl	1.05	1.15	1.12
	RRu	1.21	1.35	1.24
	P	+++	+++	+++
Random	RR	1.22	1.24	1.24
	RRl	1.10	1.11	1.14
	RRu	1.36	1.40	1.34
	P	+++	+++	+++
Asymm	P	***	N.S.	**
Between	Chi		3.25	3.25
Between	df		1	1
Between	P		(+)	(*)

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 12  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By study type (case-control, prospective) - adjusted

Case-con.

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
2	CHAN	1	f 34	66	50	73	0.75	( 0.43-	1.30)
3	CORREA	2	f 14	61	8	72	2.07	( 0.81-	5.25)
4	TRICHO	1	f 53	116	24	109	2.08	( 1.20-	3.59)
5	BUFFLE	2	f 33	164	8	32	0.80	( 0.34-	1.90)
7	KABAT1	4	f 13	15	11	10	0.79	( 0.25-	2.45)
8	GARFI2	3	f 91	254	43	148	1.23	( 0.81-	1.87)
9	LAMW	1	f 37	64	23	80	2.01	( 1.09-	3.72)
10	WU	3	f -	-	-	-	1.20	( 0.50-	3.30)
11	AKIBA	4	f -	-	-	-	1.50	( 0.93-	2.76)
12	LEE	6	f -	-	-	-	1.00	( 0.37-	2.71)
13	BROWN1	2	f -	-	-	-	1.68	( 0.39-	6.90)
14	GAO	8	f -	-	-	-	1.30	( 0.87-	1.94)
15	HUMBL1	4	f -	-	-	-	2.20	( 0.76-	6.56)
16	KOO	3	f -	-	-	-	1.64	( 0.87-	3.09)
17	LAMT	1	f115	152	84	183	1.65	( 1.16-	2.35)
18	PERSHA	2	f -	-	-	-	1.20	( 0.70-	2.10)
20	GENG	1	f 34	41	20	52	2.16	( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25	( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08	( 0.64-	1.82)
23	CHOI	2	f 49	88	26	76	1.63	( 0.92-	2.87)
25	SVENSS	5	f -	-	-	-	1.36	( 0.53-	3.49)
26	JANERI	3	f -	-	-	-	0.75	( 0.47-	1.20)
27	KALAND	3	f -	-	-	-	2.11	( 1.09-	4.08)
28	SOBUE	2	f -	-	-	-	1.13	( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70	( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77	( 0.30-	1.96)
31	BROWN2	4	f -	-	-	-	1.00	( 0.80-	1.20)
32	STOCKW	3	f -	-	-	-	1.60	( 0.80-	3.00)
33	DU	1	f 47	154	28	100	1.09	( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72	( 0.77-	3.87)
35	FONTHA	6	f -	-	-	-	1.29	( 1.04-	1.60)
36	LAYARD	4	f -	-	-	-	0.58	( 0.30-	1.13)
37	DEWAAR	1	f 19	124	4	67	2.57	( 0.84-	7.85)
38	KABAT2	6	f -	-	-	-	1.08	( 0.60-	1.94)
39	SCHWAR	6	f -	-	-	-	1.10	( 0.72-	1.68)
40	SUN	2	f -	-	-	-	1.16	( 0.80-	1.69)
41	WANGS	1	f 67	60	15	34	2.53	( 1.26-	5.10)
42	WANGT	2	f 92	89	43	46	1.11	( 0.67-	1.84)
44	ZHENG	2	f 62	179	7	51	2.52	( 1.09-	5.85)
46	BOFFET	9	f -	-	-	-	1.11	( 0.88-	1.39)
47	SHEN	1	f 56	59	14	11	0.75	( 0.31-	1.78)
48	ZARIDZ	4	f -	-	-	-	1.53	( 1.06-	2.21)
49	BOFFE2	14	f -	-	-	-	1.00	( 0.50-	1.90)
51	RAPITI	2	f -	-	-	-	1.20	( 0.50-	2.90)
53	ZHONG	2	f -	-	-	-	1.10	( 0.80-	1.50)
54	LEECH	8	f -	-	-	-	1.87	( 1.29-	2.71)
55	MALATS	9	f -	-	-	-	1.50	( 0.77-	2.91)
56	WANGL	36	f -	-	-	-	1.03	( 0.60-	1.70)
57	JOHNSO	8	f -	-	-	-	1.20	( 0.62-	2.30)
58	LAGARD	4	f -	-	-	-	1.15	( 0.84-	1.58)
60	OHNO	6	f -	-	-	-	1.00	( 0.67-	1.49)
62	SEOW	1	f 91	300	85	362	1.29	( 0.93-	1.80)
64	ZATLOU	6	f -	-	-	-	0.48	( 0.21-	1.09)
65	IARCKR	2	f -	-	-	-	0.80	( 0.50-	1.30)
66	MCGHEE	2	f -	-	-	-	1.38	( 0.94-	2.04)
68	FANG	2	f -	-	-	-	1.77	( 1.07-	2.92)
69	FRANCO	3	f -	-	-	-	1.80	( 0.95-	3.42)
70	GORLOV	2	f -	-	-	-	1.15	( 0.63-	2.10)
71	RYLAND	2	f -	-	-	-	1.37	( 0.57-	3.30)
73	YU	1	f -	-	-	-	1.35	( 0.70-	2.63)
77	ASOMAN	13	f -	-	-	-	0.93	( 0.31-	2.78)
78	GALLEG	3	f -	-	-	-	8.00	( 0.85-	75.31)
80	YANG	8	f -	-	-	-	2.00	( 1.10-	3.63)
83	LIANG	2	f141	149	85	130	1.45	( 1.01-	2.07)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 12  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By study type (case-control, prospective) - adjusted

Case-con.

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
84	BRENNE	18	f -	-	-	-	0.40 ( 0.25- 0.63)	
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01- 4.00)	
86	JIANG	11	f -	-	-	-	2.27 ( 1.13- 4.53)	
88	LO	16	f -	-	-	-	2.24 ( 1.62- 3.10)	
Partial Totals			1121	2254	650	1799		

\*prospective study

Prosp.

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85- 1.61)	
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02- 2.08)	
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48- 8.56)	
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22- 16.12)	
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80- 1.60)	
50	JEE	4	f -	-	-	-	1.72 ( 0.93- 3.18)	
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30- 6.30)	
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67- 4.60)	
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66- 1.33)	
67	EPICA	10	f -	-	-	-	0.84 ( 0.33- 2.17)	
72	WEN	1	f -	-	-	-	1.09 ( 0.74- 1.61)	
75	HILL1	2	f -	-	-	-	1.00 ( 0.49- 2.01)	
76	HILL2	3	f -	-	-	-	1.38 ( 0.78- 2.41)	
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78- 2.03)	
Partial Totals			93	96175	66	82348		

\*prospective study

Case-con.      Prosp.      Total

Relative risks

	N	68	14	82
	NS	68	14	82
	Wt	1200.70	215.95	1416.65
Het	Chi	149.02	7.04	156.07
Het	df	67	13	81
Het	P	***	N.S.	***
Fixed	RR	1.20	1.21	1.20
	RRl	1.13	1.06	1.14
	RRu	1.27	1.38	1.26
	P	+++	++	+++
Random	RR	1.26	1.21	1.25
	RRl	1.15	1.06	1.16
	RRu	1.39	1.38	1.36
	P	+++	++	+++
Asymm	P	*	N.S.	*
Between	Chi		0.01	0.01
Between	df		1	1
Between	P		N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 13  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By study control type - adjusted

Healthy

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
26	JANERI	3	f -	-	-	-	0.75 ( 0.47-	1.20)
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
39	SCHWAR	6	f -	-	-	-	1.10 ( 0.72-	1.68)
40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80-	1.50)
56	WANGL	36	f -	-	-	-	1.03 ( 0.60-	1.70)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
69	FRANCO	3	f -	-	-	-	1.80 ( 0.95-	3.42)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
71	RYLAND	2	f -	-	-	-	1.37 ( 0.57-	3.30)
73	YU	1	f -	-	-	-	1.35 ( 0.70-	2.63)
77	ASOMAN	13	f -	-	-	-	0.93 ( 0.31-	2.78)
78	GALLEG	3	f -	-	-	-	8.00 ( 0.85-	75.31)
80	YANG	8	f -	-	-	-	2.00 ( 1.10-	3.63)
83	LIANG	2	f141	149	85	130	1.45 ( 1.01-	2.07)
86	JIANG	11	f -	-	-	-	2.27 ( 1.13-	4.53)
Partial Totals			485	752	237	488		

\*prospective study

Diseased

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)
60	OHNO	6	f -	-	-	-	1.00 ( 0.67-	1.49)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
Partial Totals			548	1269	351	1136		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 13  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By study control type - adjusted

Both

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
49	BOFFE2	14	f -	-	-	-	1.00 ( 0.50-	1.90)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
55	MALATS	9	f -	-	-	-	1.50 ( 0.77-	2.91)
58	LAGARD	4	f -	-	-	-	1.15 ( 0.84-	1.58)
68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
84	BRENNE	18	f -	-	-	-	0.40 ( 0.25-	0.63)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01-	4.00)
88	LO	16	f -	-	-	-	2.24 ( 1.62-	3.10)
Partial Totals			54	192	42	123		

\*prospective study

Unstated

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
Totals			34	41	20	52		

\*prospective study

Prosp.

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22-	16.12)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
50	JEE	4	f -	-	-	-	1.72 ( 0.93-	3.18)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67-	4.60)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
67	EPICA	10	f -	-	-	-	0.84 ( 0.33-	2.17)
72	WEN	1	f -	-	-	-	1.09 ( 0.74-	1.61)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)
76	HILL2	3	f -	-	-	-	1.38 ( 0.78-	2.41)
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78-	2.03)
Partial Totals			93	96175	66	82348		

\*prospective study

Healthy    Diseased    Both    Unstated    Prosp.    Total

Relative risks

N	33	23	11	1	14	82
NS	33	23	11	1	14	82
Wt	658.71	312.23	221.63	8.13	215.95	1416.65
Het Chi	65.23	31.69	42.40	0.00	7.04	156.07
Het df	32	22	10	0	13	81
Het P	***	(*)	***	N.S.	N.S.	***
Fixed RR	1.12	1.34	1.22	2.16	1.21	1.20
RR1	1.04	1.20	1.07	1.08	1.06	1.14
RRu	1.21	1.50	1.40	4.29	1.38	1.26
P	++	+++	++	+	++	+++
Random RR	1.20	1.35	1.21	2.16	1.21	1.25
RR1	1.06	1.17	0.89	1.08	1.06	1.16
RRu	1.36	1.55	1.64	4.29	1.38	1.36
P	++	+++	N.S.	+	++	+++
Asymm P	*	N.S.	N.S.		N.S.	*
Between Chi		6.71	1.29	3.43	0.87	9.71
Between df		1	1	1	1	4

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 13  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By study control type - adjusted

		Healthy	Diseased	Both	Unstated	Prosp.	Total
Relative risks	Between P		++	N.S.	(+)	N.S.	*

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Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 14  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By study quality (PNL criteria) - adjusted

Good									
StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
1	GARFI1	1	f 88	94880	65	81859	1.17	( 0.85-	1.61)
2	CHAN	1	f 34	66	50	73	0.75	( 0.43-	1.30)
5	BUFFLE	2	f 33	164	8	32	0.80	( 0.34-	1.90)
6	HIRAYA	8	f -	-	-	-	1.45	( 1.02-	2.08)
7	KABAT1	4	f 13	15	11	10	0.79	( 0.25-	2.45)
10	WU	3	f -	-	-	-	1.20	( 0.50-	3.30)
11	AKIBA	4	f -	-	-	-	1.50	( 0.93-	2.76)
12	LEE	6	f -	-	-	-	1.00	( 0.37-	2.71)
14	GAO	8	f -	-	-	-	1.30	( 0.87-	1.94)
16	KOO	3	f -	-	-	-	1.64	( 0.87-	3.09)
18	PERSHA	2	f -	-	-	-	1.20	( 0.70-	2.10)
22	SHIMIZ	2	f 52	91	38	72	1.08	( 0.64-	1.82)
23	CHOI	2	f 49	88	26	76	1.63	( 0.92-	2.87)
28	SOBUE	2	f -	-	-	-	1.13	( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70	( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77	( 0.30-	1.96)
34	LIUQ	2	f -	-	-	-	1.72	( 0.77-	3.87)
37	DEWAAR	1	f 19	124	4	67	2.57	( 0.84-	7.85)
38	KABAT2	6	f -	-	-	-	1.08	( 0.60-	1.94)
40	SUN	2	f -	-	-	-	1.16	( 0.80-	1.69)
41	WANGS	1	f 67	60	15	34	2.53	( 1.26-	5.10)
43	CARDEN	10	f -	-	-	-	1.20	( 0.80-	1.60)
44	ZHENG	2	f 62	179	7	51	2.52	( 1.09-	5.85)
46	BOFFET	9	f -	-	-	-	1.11	( 0.88-	1.39)
47	SHEN	1	f 56	59	14	11	0.75	( 0.31-	1.78)
48	ZARIDZ	4	f -	-	-	-	1.53	( 1.06-	2.21)
49	BOFFE2	14	f -	-	-	-	1.00	( 0.50-	1.90)
50	JEE	4	f -	-	-	-	1.72	( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20	( 0.50-	2.90)
52	SPEIZE	1	f -	-	-	-	1.50	( 0.30-	6.30)
54	LEECH	8	f -	-	-	-	1.87	( 1.29-	2.71)
55	MALATS	9	f -	-	-	-	1.50	( 0.77-	2.91)
57	JOHNSO	8	f -	-	-	-	1.20	( 0.62-	2.30)
59	NISHIN	2	f -	-	-	-	1.80	( 0.67-	4.60)
60	OHNO	6	f -	-	-	-	1.00	( 0.67-	1.49)
62	SEOW	1	f 91	300	85	362	1.29	( 0.93-	1.80)
63	ENSTRO	12	f -	-	-	-	0.94	( 0.66-	1.33)
64	ZATLOU	6	f -	-	-	-	0.48	( 0.21-	1.09)
67	EPICA	10	f -	-	-	-	0.84	( 0.33-	2.17)
68	FANG	2	f -	-	-	-	1.77	( 1.07-	2.92)
72	WEN	1	f -	-	-	-	1.09	( 0.74-	1.61)
75	HILL1	2	f -	-	-	-	1.00	( 0.49-	2.01)
76	HILL2	3	f -	-	-	-	1.38	( 0.78-	2.41)
77	ASOMAN	13	f -	-	-	-	0.93	( 0.31-	2.78)
79	KURAHA	10	f -	-	-	-	1.26	( 0.78-	2.03)
83	LIANG	2	f141	149	85	130	1.45	( 1.01-	2.07)
85	HOSSEI	14	f 21	28	34	91	2.01	( 1.01-	4.00)
88	LO	16	f -	-	-	-	2.24	( 1.62-	3.10)
Partial Totals			726	96203	442	82868			

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 14  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By study quality (PNL criteria) - adjusted

Bad

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81- 5.25)	
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20- 3.59)	
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81- 1.87)	
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09- 3.72)	
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39- 6.90)	
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76- 6.56)	
17	LAMT	1	f115	152	84	183	1.65 ( 1.16- 2.35)	
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48- 8.56)	
20	GENG	1	f 34	41	20	52	2.16 ( 1.08- 4.29)	
21	INOUE	2	f -	-	-	-	2.25 ( 0.77- 8.85)	
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22- 16.12)	
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53- 3.49)	
26	JANERI	3	f -	-	-	-	0.75 ( 0.47- 1.20)	
27	KALAND	3	f -	-	-	-	2.11 ( 1.09- 4.08)	
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80- 1.20)	
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80- 3.00)	
33	DU	1	f 47	154	28	100	1.09 ( 0.64- 1.85)	
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04- 1.60)	
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30- 1.13)	
39	SCHWAR	6	f -	-	-	-	1.10 ( 0.72- 1.68)	
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67- 1.84)	
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80- 1.50)	
56	WANGL	36	f -	-	-	-	1.03 ( 0.60- 1.70)	
58	LAGARD	4	f -	-	-	-	1.15 ( 0.84- 1.58)	
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50- 1.30)	
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94- 2.04)	
69	FRANCO	3	f -	-	-	-	1.80 ( 0.95- 3.42)	
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63- 2.10)	
71	RYLAND	2	f -	-	-	-	1.37 ( 0.57- 3.30)	
73	YU	1	f -	-	-	-	1.35 ( 0.70- 2.63)	
78	GALLEG	3	f -	-	-	-	8.00 ( 0.85- 75.31)	
80	YANG	8	f -	-	-	-	2.00 ( 1.10- 3.63)	
84	BRENNE	18	f -	-	-	-	0.40 ( 0.25- 0.63)	
86	JIANG	11	f -	-	-	-	2.27 ( 1.13- 4.53)	
Partial Totals			488	2226	274	1279		

\*prospective study

Good                  Bad                  Total

Relative risks

N	48	34	82
NS	48	34	82
Wt	838.38	578.27	1416.65
Het Chi	86.98	69.10	156.07
Het df	47	33	81
Het P	***	***	***
Fixed RR	1.20	1.20	1.20
RRl	1.12	1.11	1.14
RRu	1.28	1.30	1.26
P	+++	+++	+++
Random RR	1.25	1.27	1.25
RRl	1.13	1.11	1.16
RRu	1.38	1.45	1.36
P	+++	+++	+++
Asymm P	N.S.	*	*
Between Chi			
Between df		1	1
Between P		N.S.	N.S.

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 15  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female

By total number of confounders considered in the study (grouped) - adjusted

0

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
77	ASOMAN	13	f -	-	-	-	0.93 ( 0.31-	2.78)
78	GALLEG	3	f -	-	-	-	8.00 ( 0.85-	75.31)
83	LIANG	2	f141	149	85	130	1.45 ( 1.01-	2.07)
Partial Totals			636	1260	401	1118		

\*prospective study

1

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
Partial Totals			143	214	74	198		

\*prospective study

2

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22-	16.12)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
39	SCHWAR	6	f -	-	-	-	1.10 ( 0.72-	1.68)
40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
55	MALATS	9	f -	-	-	-	1.50 ( 0.77-	2.91)
60	OHNO	6	f -	-	-	-	1.00 ( 0.67-	1.49)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
69	FRANCO	3	f -	-	-	-	1.80 ( 0.95-	3.42)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01-	4.00)
88	LO	16	f -	-	-	-	2.24 ( 1.62-	3.10)
Partial Totals			135	1656	70	731		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 15  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By total number of confounders considered in the study (grouped) - adjusted

3-5

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
26	JANERI	3	f -	-	-	-	0.75 ( 0.47-	1.20)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
49	BOFFE2	14	f -	-	-	-	1.00 ( 0.50-	1.90)
50	JEE	4	f -	-	-	-	1.72 ( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
71	RYLAND	2	f -	-	-	-	1.37 ( 0.57-	3.30)
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78-	2.03)
80	YANG	8	f -	-	-	-	2.00 ( 1.10-	3.63)
84	BRENNE	18	f -	-	-	-	0.40 ( 0.25-	0.63)
Partial Totals			156	360	92	230		

\*prospective study

6+

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80-	1.50)
54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)
56	WANGL	36	f -	-	-	-	1.03 ( 0.60-	1.70)
58	LAGARD	4	f -	-	-	-	1.15 ( 0.84-	1.58)
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67-	4.60)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
67	EPICA	10	f -	-	-	-	0.84 ( 0.33-	2.17)
68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
72	WEN	1	f -	-	-	-	1.09 ( 0.74-	1.61)
73	YU	1	f -	-	-	-	1.35 ( 0.70-	2.63)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)
76	HILL2	3	f -	-	-	-	1.38 ( 0.78-	2.41)
86	JIANG	11	f -	-	-	-	2.27 ( 1.13-	4.53)
Partial Totals			144	94939	79	81870		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 15  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By total number of confounders considered in the study (grouped) - adjusted

		0	1	2	3-5	6+	Total
Relative risks							
	N	12	5	20	25	20	82
	NS	12	5	20	25	20	82
	Wt	161.08	35.44	396.14	332.68	491.32	1416.65
	Het Chi	17.56	2.74	31.94	58.95	18.42	156.07
	Het df	11	4	19	24	19	81
	Het P	(*)	N.S.	*	***	N.S.	***
Fixed	RR	1.48	1.48	1.28	0.96	1.22	1.20
	RRl	1.27	1.06	1.16	0.87	1.11	1.14
	RRu	1.73	2.05	1.41	1.07	1.33	1.26
	P	+++	+	+++	N.S.	+++	+++
Random	RR	1.51	1.48	1.33	1.08	1.22	1.25
	RRl	1.22	1.06	1.16	0.90	1.11	1.16
	RRu	1.87	2.05	1.53	1.31	1.33	1.36
	P	+++	+	+++	N.S.	+++	+++
Asymm	P	N.S.	N.S.	N.S.	*	N.S.	*
Between	Chi		0.00	2.45	20.13	4.82	26.46
Between	df		1	1	1	1	4
Between	P		N.S.	N.S.	---	-	***

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 16  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By age considered as a confounder in the study or not - adjusted

No

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
2	CHAN	1	f 34	66	50	73	0.75	( 0.43-	1.30)
3	CORREA	2	f 14	61	8	72	2.07	( 0.81-	5.25)
4	TRICHO	1	f 53	116	24	109	2.08	( 1.20-	3.59)
5	BUFFLE	2	f 33	164	8	32	0.80	( 0.34-	1.90)
9	LAMW	1	f 37	64	23	80	2.01	( 1.09-	3.72)
17	LAMT	1	f115	152	84	183	1.65	( 1.16-	2.35)
20	GENG	1	f 34	41	20	52	2.16	( 1.08-	4.29)
23	CHOI	2	f 49	88	26	76	1.63	( 0.92-	2.87)
34	LIUQ	2	f -	-	-	-	1.72	( 0.77-	3.87)
37	DEWAAR	1	f 19	124	4	67	2.57	( 0.84-	7.85)
41	WANGS	1	f 67	60	15	34	2.53	( 1.26-	5.10)
62	SEOW	1	f 91	300	85	362	1.29	( 0.93-	1.80)
77	ASOMAN	13	f -	-	-	-	0.93	( 0.31-	2.78)
78	GALLEG	3	f -	-	-	-	8.00	( 0.85-	75.31)
83	LIANG	2	f141	149	85	130	1.45	( 1.01-	2.07)
Partial Totals			687	1385	432	1270			

\*prospective study

Yes

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
1	GARFI1	1	f 88	94880	65	81859	1.17	( 0.85-	1.61)
6	HIRAYA	8	f -	-	-	-	1.45	( 1.02-	2.08)
7	KABAT1	4	f 13	15	11	10	0.79	( 0.25-	2.45)
8	GARFI2	3	f 91	254	43	148	1.23	( 0.81-	1.87)
10	WU	3	f -	-	-	-	1.20	( 0.50-	3.30)
11	AKIBA	4	f -	-	-	-	1.50	( 0.93-	2.76)
12	LEE	6	f -	-	-	-	1.00	( 0.37-	2.71)
13	BROWN1	2	f -	-	-	-	1.68	( 0.39-	6.90)
14	GAO	8	f -	-	-	-	1.30	( 0.87-	1.94)
15	HUMBL1	4	f -	-	-	-	2.20	( 0.76-	6.56)
16	KOO	3	f -	-	-	-	1.64	( 0.87-	3.09)
18	PERSHA	2	f -	-	-	-	1.20	( 0.70-	2.10)
19	BUTLER	2	f -	-	-	-	2.02	( 0.48-	8.56)
21	INOUE	2	f -	-	-	-	2.25	( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08	( 0.64-	1.82)
24	HOLE	2	f 5	1295	1	489	1.89	( 0.22-	16.12)
25	SVENSS	5	f -	-	-	-	1.36	( 0.53-	3.49)
26	JANERI	3	f -	-	-	-	0.75	( 0.47-	1.20)
27	KALAND	3	f -	-	-	-	2.11	( 1.09-	4.08)
28	SOBUE	2	f -	-	-	-	1.13	( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70	( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77	( 0.30-	1.96)
31	BROWN2	4	f -	-	-	-	1.00	( 0.80-	1.20)
32	STOCKW	3	f -	-	-	-	1.60	( 0.80-	3.00)
33	DU	1	f 47	154	28	100	1.09	( 0.64-	1.85)
35	FONTHA	6	f -	-	-	-	1.29	( 1.04-	1.60)
36	LAYARD	4	f -	-	-	-	0.58	( 0.30-	1.13)
38	KABAT2	6	f -	-	-	-	1.08	( 0.60-	1.94)
39	SCHWAR	6	f -	-	-	-	1.10	( 0.72-	1.68)
40	SUN	2	f -	-	-	-	1.16	( 0.80-	1.69)
42	WANGT	2	f 92	89	43	46	1.11	( 0.67-	1.84)
43	CARDEN	10	f -	-	-	-	1.20	( 0.80-	1.60)
44	ZHENG	2	f 62	179	7	51	2.52	( 1.09-	5.85)
46	BOFFET	9	f -	-	-	-	1.11	( 0.88-	1.39)
47	SHEN	1	f 56	59	14	11	0.75	( 0.31-	1.78)
48	ZARIDZ	4	f -	-	-	-	1.53	( 1.06-	2.21)
49	BOFFE2	14	f -	-	-	-	1.00	( 0.50-	1.90)
50	JEE	4	f -	-	-	-	1.72	( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20	( 0.50-	2.90)
52	SPEIZE	1	f -	-	-	-	1.50	( 0.30-	6.30)
53	ZHONG	2	f -	-	-	-	1.10	( 0.80-	1.50)
54	LEECH	8	f -	-	-	-	1.87	( 1.29-	2.71)
55	MALATS	9	f -	-	-	-	1.50	( 0.77-	2.91)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 16  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By age considered as a confounder in the study or not - adjusted

		Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	Case	Cont	Case	Cont		
56	WANGL	36	f -	-	-	1.03	( 0.60- 1.70)
57	JOHNSO	8	f -	-	-	1.20	( 0.62- 2.30)
58	LAGARD	4	f -	-	-	1.15	( 0.84- 1.58)
59	NISHIN	2	f -	-	-	1.80	( 0.67- 4.60)
60	OHNO	6	f -	-	-	1.00	( 0.67- 1.49)
63	ENSTRO	12	f -	-	-	0.94	( 0.66- 1.33)
64	ZATLOU	6	f -	-	-	0.48	( 0.21- 1.09)
65	IARCKR	2	f -	-	-	0.80	( 0.50- 1.30)
66	MCGHEE	2	f -	-	-	1.38	( 0.94- 2.04)
67	EPICA	10	f -	-	-	0.84	( 0.33- 2.17)
68	FANG	2	f -	-	-	1.77	( 1.07- 2.92)
69	FRANCO	3	f -	-	-	1.80	( 0.95- 3.42)
70	GORLOV	2	f -	-	-	1.15	( 0.63- 2.10)
71	RYLAND	2	f -	-	-	1.37	( 0.57- 3.30)
72	WEN	1	f -	-	-	1.09	( 0.74- 1.61)
73	YU	1	f -	-	-	1.35	( 0.70- 2.63)
75	HILL1	2	f -	-	-	1.00	( 0.49- 2.01)
76	HILL2	3	f -	-	-	1.38	( 0.78- 2.41)
79	KURAHA	10	f -	-	-	1.26	( 0.78- 2.03)
80	YANG	8	f -	-	-	2.00	( 1.10- 3.63)
84	BRENNE	18	f -	-	-	0.40	( 0.25- 0.63)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01- 4.00)
86	JIANG	11	f -	-	-	-	2.27 ( 1.13- 4.53)
88	LO	16	f -	-	-	-	2.24 ( 1.62- 3.10)
Partial Totals			527	97044	284	82877	

\*prospective study

	No	Yes	Total
N	15	67	82
NS	15	67	82
Relative risks			
Wt	181.52	1235.13	1416.65
Het Chi	18.95	125.01	156.07
Het df	14	66	81
Het P	N.S.	***	***
Fixed RR	1.53	1.16	1.20
RRl	1.32	1.10	1.14
RRu	1.77	1.23	1.26
P	+++	+++	+++
Random RR	1.56	1.20	1.25
RRl	1.30	1.10	1.16
RRu	1.87	1.31	1.36
P	+++	+++	+++
Asymm P	N.S.	(*)	*
Between Chi		12.11	12.11
Between df		1	1
Between P		---	***

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 17  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female

By marital status considered as a confounder in the study or not - adjusted

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22-	16.12)
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
26	JANERI	3	f -	-	-	-	0.75 ( 0.47-	1.20)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
39	SCHWAR	6	f -	-	-	-	1.10 ( 0.72-	1.68)
40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
49	BOFFE2	14	f -	-	-	-	1.00 ( 0.50-	1.90)
50	JEE	4	f -	-	-	-	1.72 ( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80-	1.50)
54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)
55	MALATS	9	f -	-	-	-	1.50 ( 0.77-	2.91)
56	WANGL	36	f -	-	-	-	1.03 ( 0.60-	1.70)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
58	LAGARD	4	f -	-	-	-	1.15 ( 0.84-	1.58)
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67-	4.60)
60	OHNO	6	f -	-	-	-	1.00 ( 0.67-	1.49)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
67	EPICA	10	f -	-	-	-	0.84 ( 0.33-	2.17)
68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
69	FRANCO	3	f -	-	-	-	1.80 ( 0.95-	3.42)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
71	RYLAND	2	f -	-	-	-	1.37 ( 0.57-	3.30)
72	WEN	1	f -	-	-	-	1.09 ( 0.74-	1.61)
73	YU	1	f -	-	-	-	1.35 ( 0.70-	2.63)
77	ASOMAN	13	f -	-	-	-	0.93 ( 0.31-	2.78)
78	GALLEG	3	f -	-	-	-	8.00 ( 0.85-	75.31)
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78-	2.03)
80	YANG	8	f -	-	-	-	2.00 ( 1.10-	3.63)
83	LIANG	2	f141	149	85	130	1.45 ( 1.01-	2.07)
84	BRENNE	18	f -	-	-	-	0.40 ( 0.25-	0.63)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01-	4.00)
86	JIANG	11	f -	-	-	-	2.27 ( 1.13-	4.53)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 17  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female

By marital status considered as a confounder in the study or not - adjusted

No

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
88	LO	16	f -	-	-	-	2.24	( 1.62- 3.10)
Partial Totals			1062	3409	609	2126		

\*prospective study

Yes

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17	( 0.85- 1.61)
3	CORREA	2	f 14	61	8	72	2.07	( 0.81- 5.25)
6	HIRAYA	8	f -	-	-	-	1.45	( 1.02- 2.08)
7	KABAT1	4	f 13	15	11	10	0.79	( 0.25- 2.45)
9	LAMW	1	f 37	64	23	80	2.01	( 1.09- 3.72)
10	WU	3	f -	-	-	-	1.20	( 0.50- 3.30)
11	AKIBA	4	f -	-	-	-	1.50	( 0.93- 2.76)
12	LEE	6	f -	-	-	-	1.00	( 0.37- 2.71)
16	KOO	3	f -	-	-	-	1.64	( 0.87- 3.09)
19	BUTLER	2	f -	-	-	-	2.02	( 0.48- 8.56)
21	INOUE	2	f -	-	-	-	2.25	( 0.77- 8.85)
36	LAYARD	4	f -	-	-	-	0.58	( 0.30- 1.13)
38	KABAT2	6	f -	-	-	-	1.08	( 0.60- 1.94)
43	CARDEN	10	f -	-	-	-	1.20	( 0.80- 1.60)
46	BOFFET	9	f -	-	-	-	1.11	( 0.88- 1.39)
75	HILL1	2	f -	-	-	-	1.00	( 0.49- 2.01)
76	HILL2	3	f -	-	-	-	1.38	( 0.78- 2.41)
Partial Totals			152	95020	107	82021		

\*prospective study

No Yes Total

Relative risks

N	65	17	82
NS	65	17	82
Wt	1151.07	265.58	1416.65
Het Chi	141.50	14.42	156.07
Het df	64	16	81
Het P	***	N.S.	***
Fixed RR	1.19	1.23	1.20
RRl	1.13	1.09	1.14
RRu	1.27	1.38	1.26
P	+++	+++	+++
Random RR	1.26	1.23	1.25
RRl	1.14	1.09	1.16
RRu	1.38	1.38	1.36
P	+++	+++	+++
Asymm P	*	N.S.	*
Between Chi		0.15	0.15
Between df		1	1
Between P		N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 18  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female

By any study results available on dose-response or not - adjusted

None

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
39	SCHWAR	6	f -	-	-	-	1.10 ( 0.72-	1.68)
40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
58	LAGARD	4	f -	-	-	-	1.15 ( 0.84-	1.58)
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67-	4.60)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
67	EPICA	10	f -	-	-	-	0.84 ( 0.33-	2.17)
69	FRANCO	3	f -	-	-	-	1.80 ( 0.95-	3.42)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
71	RYLAND	2	f -	-	-	-	1.37 ( 0.57-	3.30)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)
76	HILL2	3	f -	-	-	-	1.38 ( 0.78-	2.41)
77	ASOMAN	13	f -	-	-	-	0.93 ( 0.31-	2.78)
78	GALLEG	3	f -	-	-	-	8.00 ( 0.85-	75.31)
80	YANG	8	f -	-	-	-	2.00 ( 1.10-	3.63)
83	LIANG	2	f141	149	85	130	1.45 ( 1.01-	2.07)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01-	4.00)
86	JIANG	11	f -	-	-	-	2.27 ( 1.13-	4.53)
Partial Totals			456	773	341	852		

\*prospective study

No assoc - no results presente

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
Partial Totals			0	0	0	0		

\*prospective study

Results presented

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22-	16.12)
26	JANERI	3	f -	-	-	-	0.75 ( 0.47-	1.20)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 18  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By any study results available on dose-response or not - adjusted

Results presented

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
32	STOCKW	3	f -	-	-	-	1.60	( 0.80-	3.00)
33	DU	1	f 47	154	28	100	1.09	( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72	( 0.77-	3.87)
35	FONTHA	6	f -	-	-	-	1.29	( 1.04-	1.60)
36	LAYARD	4	f -	-	-	-	0.58	( 0.30-	1.13)
37	DEWAAR	1	f 19	124	4	67	2.57	( 0.84-	7.85)
38	KABAT2	6	f -	-	-	-	1.08	( 0.60-	1.94)
42	WANGT	2	f 92	89	43	46	1.11	( 0.67-	1.84)
43	CARDEN	10	f -	-	-	-	1.20	( 0.80-	1.60)
44	ZHENG	2	f 62	179	7	51	2.52	( 1.09-	5.85)
46	BOFFET	9	f -	-	-	-	1.11	( 0.88-	1.39)
47	SHEN	1	f 56	59	14	11	0.75	( 0.31-	1.78)
48	ZARIDZ	4	f -	-	-	-	1.53	( 1.06-	2.21)
49	BOFFE2	14	f -	-	-	-	1.00	( 0.50-	1.90)
50	JEE	4	f -	-	-	-	1.72	( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20	( 0.50-	2.90)
53	ZHONG	2	f -	-	-	-	1.10	( 0.80-	1.50)
54	LEECH	8	f -	-	-	-	1.87	( 1.29-	2.71)
55	MALATS	9	f -	-	-	-	1.50	( 0.77-	2.91)
56	WANGL	36	f -	-	-	-	1.03	( 0.60-	1.70)
57	JOHNSO	8	f -	-	-	-	1.20	( 0.62-	2.30)
60	OHNO	6	f -	-	-	-	1.00	( 0.67-	1.49)
65	IARCKR	2	f -	-	-	-	0.80	( 0.50-	1.30)
66	MCGHEE	2	f -	-	-	-	1.38	( 0.94-	2.04)
68	FANG	2	f -	-	-	-	1.77	( 1.07-	2.92)
72	WEN	1	f -	-	-	-	1.09	( 0.74-	1.61)
73	YU	1	f -	-	-	-	1.35	( 0.70-	2.63)
79	KURAHA	10	f -	-	-	-	1.26	( 0.78-	2.03)
84	BRENNE	18	f -	-	-	-	0.40	( 0.25-	0.63)
88	LO	16	f -	-	-	-	2.24	( 1.62-	3.10)
Partial Totals			758	97656	375	83295			

\*prospective study

None No assoc Sig assoc Results Total

Relative risks

	N	32	1	49	82
	NS	32	1	49	82
	Wt	460.72	4.31	951.62	1416.65
Het	Chi	58.97	0.00	92.13	156.07
Het	df	31	0	48	81
Het	P	**	N.S.	***	***
Fixed	RR	1.10	1.20	1.25	1.20
	RR1	1.01	0.47	1.17	1.14
	RRu	1.21	3.08	1.33	1.26
	P	+	N.S.	+++	+++
Random	RR	1.21	1.20	1.28	1.25
	RR1	1.05	0.47	1.16	1.16
	RRu	1.40	3.08	1.41	1.36
	P	++	N.S.	+++	+++
Asymm	P	**		N.S.	*
Between	Chi		0.03	4.97	4.97
Between	df		1	1	2
Between	P		N.S.	N.S.	+

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 19  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By spouse the index or not - adjusted

Yes									
StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
1	GARFI1	1	f 88	94880	65	81859	1.17	( 0.85-	1.61)
2	CHAN	1	f 34	66	50	73	0.75	( 0.43-	1.30)
3	CORREA	2	f 14	61	8	72	2.07	( 0.81-	5.25)
4	TRICHO	1	f 53	116	24	109	2.08	( 1.20-	3.59)
6	HIRAYA	8	f -	-	-	-	1.45	( 1.02-	2.08)
7	KABAT1	4	f 13	15	11	10	0.79	( 0.25-	2.45)
8	GARFI2	3	f 91	254	43	148	1.23	( 0.81-	1.87)
9	LAMW	1	f 37	64	23	80	2.01	( 1.09-	3.72)
10	WU	3	f -	-	-	-	1.20	( 0.50-	3.30)
11	AKIBA	4	f -	-	-	-	1.50	( 0.93-	2.76)
12	LEE	6	f -	-	-	-	1.00	( 0.37-	2.71)
14	GAO	8	f -	-	-	-	1.30	( 0.87-	1.94)
15	HUMBL1	4	f -	-	-	-	2.20	( 0.76-	6.56)
16	KOO	3	f -	-	-	-	1.64	( 0.87-	3.09)
17	LAMT	1	f115	152	84	183	1.65	( 1.16-	2.35)
18	PERSHA	2	f -	-	-	-	1.20	( 0.70-	2.10)
19	BUTLER	2	f -	-	-	-	2.02	( 0.48-	8.56)
20	GENG	1	f 34	41	20	52	2.16	( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25	( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08	( 0.64-	1.82)
23	CHOI	2	f 49	88	26	76	1.63	( 0.92-	2.87)
26	JANERI	3	f -	-	-	-	0.75	( 0.47-	1.20)
27	KALAND	3	f -	-	-	-	2.11	( 1.09-	4.08)
28	SOBUE	2	f -	-	-	-	1.13	( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70	( 0.60-	0.90)
31	BROWN2	4	f -	-	-	-	1.00	( 0.80-	1.20)
32	STOCKW	3	f -	-	-	-	1.60	( 0.80-	3.00)
33	DU	1	f 47	154	28	100	1.09	( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72	( 0.77-	3.87)
35	FONTHA	6	f -	-	-	-	1.29	( 1.04-	1.60)
36	LAYARD	4	f -	-	-	-	0.58	( 0.30-	1.13)
38	KABAT2	6	f -	-	-	-	1.08	( 0.60-	1.94)
40	SUN	2	f -	-	-	-	1.16	( 0.80-	1.69)
42	WANGT	2	f 92	89	43	46	1.11	( 0.67-	1.84)
43	CARDEN	10	f -	-	-	-	1.20	( 0.80-	1.60)
46	BOFFET	9	f -	-	-	-	1.11	( 0.88-	1.39)
48	ZARIDZ	4	f -	-	-	-	1.53	( 1.06-	2.21)
49	BOFFE2	14	f -	-	-	-	1.00	( 0.50-	1.90)
50	JEE	4	f -	-	-	-	1.72	( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20	( 0.50-	2.90)
53	ZHONG	2	f -	-	-	-	1.10	( 0.80-	1.50)
54	LEECH	8	f -	-	-	-	1.87	( 1.29-	2.71)
55	MALATS	9	f -	-	-	-	1.50	( 0.77-	2.91)
59	NISHIN	2	f -	-	-	-	1.80	( 0.67-	4.60)
60	OHNO	6	f -	-	-	-	1.00	( 0.67-	1.49)
63	ENSTRO	12	f -	-	-	-	0.94	( 0.66-	1.33)
65	IARCKR	2	f -	-	-	-	0.80	( 0.50-	1.30)
72	WEN	1	f -	-	-	-	1.09	( 0.74-	1.61)
79	KURAHA	10	f -	-	-	-	1.26	( 0.78-	2.03)
85	HOSSEI	14	f 21	28	34	91	2.01	( 1.01-	4.00)
Partial Totals			740	96099	497	82971			
*prospective study									

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 19  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By spouse the index or not - adjusted

No		Number Exposed		Non-exposed		RR	95.00%CI		
StN	Ref	NRR	Case	Cont	Case		Cont		
5	BUFFLE	2	f 33	164	8	32	0.80	( 0.34-	1.90)
13	BROWN1	2	f -	-	-	-	1.68	( 0.39-	6.90)
24	HOLE	2	f 5	1295	1	489	1.89	( 0.22-	16.12)
25	SVENSS	5	f -	-	-	-	1.36	( 0.53-	3.49)
30	LIUZ	2	f -	-	-	-	0.77	( 0.30-	1.96)
37	DEWAAR	1	f 19	124	4	67	2.57	( 0.84-	7.85)
39	SCHWAR	6	f -	-	-	-	1.10	( 0.72-	1.68)
41	WANGS	1	f 67	60	15	34	2.53	( 1.26-	5.10)
44	ZHENG	2	f 62	179	7	51	2.52	( 1.09-	5.85)
47	SHEN	1	f 56	59	14	11	0.75	( 0.31-	1.78)
52	SPEIZE	1	f -	-	-	-	1.50	( 0.30-	6.30)
56	WANGL	36	f -	-	-	-	1.03	( 0.60-	1.70)
57	JOHNSO	8	f -	-	-	-	1.20	( 0.62-	2.30)
58	LAGARD	4	f -	-	-	-	1.15	( 0.84-	1.58)
62	SEOW	1	f 91	300	85	362	1.29	( 0.93-	1.80)
64	ZATLOU	6	f -	-	-	-	0.48	( 0.21-	1.09)
66	MCGHEE	2	f -	-	-	-	1.38	( 0.94-	2.04)
67	EPICA	10	f -	-	-	-	0.84	( 0.33-	2.17)
68	FANG	2	f -	-	-	-	1.77	( 1.07-	2.92)
69	FRANCO	3	f -	-	-	-	1.80	( 0.95-	3.42)
70	GORLOV	2	f -	-	-	-	1.15	( 0.63-	2.10)
71	RYLAND	2	f -	-	-	-	1.37	( 0.57-	3.30)
73	YU	1	f -	-	-	-	1.35	( 0.70-	2.63)
75	HILL1	2	f -	-	-	-	1.00	( 0.49-	2.01)
76	HILL2	3	f -	-	-	-	1.38	( 0.78-	2.41)
77	ASOMAN	13	f -	-	-	-	0.93	( 0.31-	2.78)
78	GALLEG	3	f -	-	-	-	8.00	( 0.85-	75.31)
80	YANG	8	f -	-	-	-	2.00	( 1.10-	3.63)
83	LIANG	2	f141	149	85	130	1.45	( 1.01-	2.07)
84	BRENNE	18	f -	-	-	-	0.40	( 0.25-	0.63)
86	JIANG	11	f -	-	-	-	2.27	( 1.13-	4.53)
88	LO	16	f -	-	-	-	2.24	( 1.62-	3.10)
Partial Totals			474	2330	219	1176			
*prospective study									

	Yes	No	Total
Relative risks			
N	50	32	82
NS	50	32	82
Wt	1047.79	368.86	1416.65
Het Chi	85.48	66.74	156.07
Het df	49	31	81
Het P	***	***	***
Fixed RR	1.16	1.31	1.20
RRl	1.10	1.18	1.14
RRu	1.24	1.45	1.26
P	+++	+++	+++
Random RR	1.22	1.29	1.25
RRl	1.12	1.10	1.16
RRu	1.34	1.53	1.36
P	+++	++	+++
Asymm P	**	N.S.	*
Between Chi		3.85	3.85
Between df		1	1
Between P		+	*

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 20  
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By end year of study (grouped) - adjusted

-1979

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
1	GARFI1	1	f 88	94880	65	81859	1.17	( 0.85-	1.61)
2	CHAN	1	f 34	66	50	73	0.75	( 0.43-	1.30)
Totals			122	94946	115	81932			

\*prospective study

1980-89

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
3	CORREA	2	f 14	61	8	72	2.07	( 0.81-	5.25)
4	TRICHO	1	f 53	116	24	109	2.08	( 1.20-	3.59)
5	BUFFLE	2	f 33	164	8	32	0.80	( 0.34-	1.90)
6	HIRAYA	8	f -	-	-	-	1.45	( 1.02-	2.08)
7	KABAT1	4	f 13	15	11	10	0.79	( 0.25-	2.45)
8	GARFI2	3	f 91	254	43	148	1.23	( 0.81-	1.87)
9	LAMW	1	f 37	64	23	80	2.01	( 1.09-	3.72)
10	WU	3	f -	-	-	-	1.20	( 0.50-	3.30)
11	AKIBA	4	f -	-	-	-	1.50	( 0.93-	2.76)
12	LEE	6	f -	-	-	-	1.00	( 0.37-	2.71)
13	BROWN1	2	f -	-	-	-	1.68	( 0.39-	6.90)
14	GAO	8	f -	-	-	-	1.30	( 0.87-	1.94)
15	HUMBL1	4	f -	-	-	-	2.20	( 0.76-	6.56)
16	KOO	3	f -	-	-	-	1.64	( 0.87-	3.09)
17	LAMT	1	f 115	152	84	183	1.65	( 1.16-	2.35)
18	PERSHA	2	f -	-	-	-	1.20	( 0.70-	2.10)
19	BUTLER	2	f -	-	-	-	2.02	( 0.48-	8.56)
20	GENG	1	f 34	41	20	52	2.16	( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25	( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08	( 0.64-	1.82)
23	CHOI	2	f 49	88	26	76	1.63	( 0.92-	2.87)
24	HOLE	2	f 5	1295	1	489	1.89	( 0.22-	16.12)
25	SVENSS	5	f -	-	-	-	1.36	( 0.53-	3.49)
26	JANERI	3	f -	-	-	-	0.75	( 0.47-	1.20)
27	KALAND	3	f -	-	-	-	2.11	( 1.09-	4.08)
28	SOBUE	2	f -	-	-	-	1.13	( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70	( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77	( 0.30-	1.96)
33	DU	1	f 47	154	28	100	1.09	( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72	( 0.77-	3.87)
35	FONTHA	6	f -	-	-	-	1.29	( 1.04-	1.60)
36	LAYARD	4	f -	-	-	-	0.58	( 0.30-	1.13)
39	SCHWAR	6	f -	-	-	-	1.10	( 0.72-	1.68)
43	CARDEN	10	f -	-	-	-	1.20	( 0.80-	1.60)
75	HILL1	2	f -	-	-	-	1.00	( 0.49-	2.01)
Partial Totals			543	2495	314	1423			

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 20  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By end year of study (grouped) - adjusted

1990-									
StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
31	BROWN2	4	f -	-	-	-	1.00	( 0.80-	1.20)
32	STOCKW	3	f -	-	-	-	1.60	( 0.80-	3.00)
37	DEWAAR	1	f 19	124	4	67	2.57	( 0.84-	7.85)
38	KABAT2	6	f -	-	-	-	1.08	( 0.60-	1.94)
42	WANGT	2	f 92	89	43	46	1.11	( 0.67-	1.84)
44	ZHENG	2	f 62	179	7	51	2.52	( 1.09-	5.85)
46	BOFFET	9	f -	-	-	-	1.11	( 0.88-	1.39)
47	SHEN	1	f 56	59	14	11	0.75	( 0.31-	1.78)
48	ZARIDZ	4	f -	-	-	-	1.53	( 1.06-	2.21)
49	BOFFE2	14	f -	-	-	-	1.00	( 0.50-	1.90)
50	JEE	4	f -	-	-	-	1.72	( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20	( 0.50-	2.90)
52	SPEIZE	1	f -	-	-	-	1.50	( 0.30-	6.30)
53	ZHONG	2	f -	-	-	-	1.10	( 0.80-	1.50)
54	LEECH	8	f -	-	-	-	1.87	( 1.29-	2.71)
56	WANGL	36	f -	-	-	-	1.03	( 0.60-	1.70)
57	JOHNSO	8	f -	-	-	-	1.20	( 0.62-	2.30)
58	LAGARD	4	f -	-	-	-	1.15	( 0.84-	1.58)
59	NISHIN	2	f -	-	-	-	1.80	( 0.67-	4.60)
62	SEOW	1	f 91	300	85	362	1.29	( 0.93-	1.80)
63	ENSTRO	12	f -	-	-	-	0.94	( 0.66-	1.33)
64	ZATLOU	6	f -	-	-	-	0.48	( 0.21-	1.09)
65	IARCKR	2	f -	-	-	-	0.80	( 0.50-	1.30)
66	MCGHEE	2	f -	-	-	-	1.38	( 0.94-	2.04)
67	EPICA	10	f -	-	-	-	0.84	( 0.33-	2.17)
68	FANG	2	f -	-	-	-	1.77	( 1.07-	2.92)
69	FRANCO	3	f -	-	-	-	1.80	( 0.95-	3.42)
70	GORLOV	2	f -	-	-	-	1.15	( 0.63-	2.10)
71	RYLAND	2	f -	-	-	-	1.37	( 0.57-	3.30)
72	WEN	1	f -	-	-	-	1.09	( 0.74-	1.61)
73	YU	1	f -	-	-	-	1.35	( 0.70-	2.63)
76	HILL2	3	f -	-	-	-	1.38	( 0.78-	2.41)
78	GALLEG	3	f -	-	-	-	8.00	( 0.85-	75.31)
79	KURAHA	10	f -	-	-	-	1.26	( 0.78-	2.03)
80	YANG	8	f -	-	-	-	2.00	( 1.10-	3.63)
83	LIANG	2	f141	149	85	130	1.45	( 1.01-	2.07)
84	BRENNE	18	f -	-	-	-	0.40	( 0.25-	0.63)
85	HOSSEI	14	f 21	28	34	91	2.01	( 1.01-	4.00)
86	JIANG	11	f -	-	-	-	2.27	( 1.13-	4.53)
88	LO	16	f -	-	-	-	2.24	( 1.62-	3.10)
Partial Totals			482	928	272	758			

\*prospective study

Unknown

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
40	SUN	2	f -	-	-	-	1.16	( 0.80-	1.69)
41	WANGS	1	f 67	60	15	34	2.53	( 1.26-	5.10)
55	MALATS	9	f -	-	-	-	1.50	( 0.77-	2.91)
60	OHNO	6	f -	-	-	-	1.00	( 0.67-	1.49)
77	ASOMAN	13	f -	-	-	-	0.93	( 0.31-	2.78)
Partial Totals			67	60	15	34			

\*prospective study

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 20  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By end year of study (grouped) - adjusted

	-1979	1980-89	1990-	Unknown	Total
Relative risks					
N	2	35	40	5	82
NS	2	35	40	5	82
Wt	50.20	559.65	735.56	71.25	1416.65
Het Chi	1.85	63.36	83.33	5.80	156.07
Het df	1	34	39	4	81
Het P	N.S.	**	***	N.S.	***
Fixed RR	1.04	1.17	1.23	1.23	1.20
RRl	0.79	1.08	1.14	0.97	1.14
RRu	1.38	1.27	1.32	1.55	1.26
P	N.S.	+++	+++	(+)	+++
Random RR	0.99	1.26	1.27	1.27	1.25
RRl	0.66	1.11	1.13	0.94	1.16
RRu	1.51	1.43	1.43	1.72	1.36
P	N.S.	+++	+++	N.S.	+++
Asymm P		*	N.S.	N.S.	*
Between Chi		0.63	1.26	0.78	1.74
Between df		1	1	1	3
Between P		N.S.	N.S.	N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 21  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By considered by EPA or not - adjusted

No		Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case		
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92- 2.87)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80- 1.20)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80- 3.00)
33	DU	1	f 47	154	28	100	1.09 ( 0.64- 1.85)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77- 3.87)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30- 1.13)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84- 7.85)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60- 1.94)
39	SCHWAR	6	f -	-	-	-	1.10 ( 0.72- 1.68)
40	SUN	2	f -	-	-	-	1.16 ( 0.80- 1.69)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26- 5.10)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67- 1.84)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80- 1.60)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09- 5.85)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88- 1.39)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31- 1.78)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06- 2.21)
49	BOFFE2	14	f -	-	-	-	1.00 ( 0.50- 1.90)
50	JEE	4	f -	-	-	-	1.72 ( 0.93- 3.18)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50- 2.90)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30- 6.30)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80- 1.50)
54	LEECH	8	f -	-	-	-	1.87 ( 1.29- 2.71)
55	MALATS	9	f -	-	-	-	1.50 ( 0.77- 2.91)
56	WANGL	36	f -	-	-	-	1.03 ( 0.60- 1.70)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62- 2.30)
58	LAGARD	4	f -	-	-	-	1.15 ( 0.84- 1.58)
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67- 4.60)
60	OHNO	6	f -	-	-	-	1.00 ( 0.67- 1.49)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93- 1.80)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66- 1.33)
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21- 1.09)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50- 1.30)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94- 2.04)
67	EPICA	10	f -	-	-	-	0.84 ( 0.33- 2.17)
68	FANG	2	f -	-	-	-	1.77 ( 1.07- 2.92)
69	FRANCO	3	f -	-	-	-	1.80 ( 0.95- 3.42)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63- 2.10)
71	RYLAND	2	f -	-	-	-	1.37 ( 0.57- 3.30)
72	WEN	1	f -	-	-	-	1.09 ( 0.74- 1.61)
73	YU	1	f -	-	-	-	1.35 ( 0.70- 2.63)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49- 2.01)
76	HILL2	3	f -	-	-	-	1.38 ( 0.78- 2.41)
77	ASOMAN	13	f -	-	-	-	0.93 ( 0.31- 2.78)
78	GALLEG	3	f -	-	-	-	8.00 ( 0.85- 75.31)
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78- 2.03)
80	YANG	8	f -	-	-	-	2.00 ( 1.10- 3.63)
83	LIANG	2	f141	149	85	130	1.45 ( 1.01- 2.07)
84	BRENNE	18	f -	-	-	-	0.40 ( 0.25- 0.63)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01- 4.00)
86	JIANG	11	f -	-	-	-	2.27 ( 1.13- 4.53)
88	LO	16	f -	-	-	-	2.24 ( 1.62- 3.10)
Partial Totals			645	1230	341	968	

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 21  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By considered by EPA or not - adjusted

Yes

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
1	GARFI1	1	f 88	94880	65	81859	1.17	( 0.85-	1.61)
2	CHAN	1	f 34	66	50	73	0.75	( 0.43-	1.30)
3	CORREA	2	f 14	61	8	72	2.07	( 0.81-	5.25)
4	TRICHO	1	f 53	116	24	109	2.08	( 1.20-	3.59)
5	BUFFLE	2	f 33	164	8	32	0.80	( 0.34-	1.90)
6	HIRAYA	8	f -	-	-	-	1.45	( 1.02-	2.08)
7	KABAT1	4	f 13	15	11	10	0.79	( 0.25-	2.45)
8	GARFI2	3	f 91	254	43	148	1.23	( 0.81-	1.87)
9	LAMW	1	f 37	64	23	80	2.01	( 1.09-	3.72)
10	WU	3	f -	-	-	-	1.20	( 0.50-	3.30)
11	AKIBA	4	f -	-	-	-	1.50	( 0.93-	2.76)
12	LEE	6	f -	-	-	-	1.00	( 0.37-	2.71)
13	BROWN1	2	f -	-	-	-	1.68	( 0.39-	6.90)
14	GAO	8	f -	-	-	-	1.30	( 0.87-	1.94)
15	HUMBL1	4	f -	-	-	-	2.20	( 0.76-	6.56)
16	KOO	3	f -	-	-	-	1.64	( 0.87-	3.09)
17	LAMT	1	f115	152	84	183	1.65	( 1.16-	2.35)
18	PERSHA	2	f -	-	-	-	1.20	( 0.70-	2.10)
19	BUTLER	2	f -	-	-	-	2.02	( 0.48-	8.56)
20	GENG	1	f 34	41	20	52	2.16	( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25	( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08	( 0.64-	1.82)
24	HOLE	2	f 5	1295	1	489	1.89	( 0.22-	16.12)
25	SVENSS	5	f -	-	-	-	1.36	( 0.53-	3.49)
26	JANERI	3	f -	-	-	-	0.75	( 0.47-	1.20)
27	KALAND	3	f -	-	-	-	2.11	( 1.09-	4.08)
28	SOBUE	2	f -	-	-	-	1.13	( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70	( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77	( 0.30-	1.96)
35	FONTHA	6	f -	-	-	-	1.29	( 1.04-	1.60)
Partial Totals			569	97199	375	83179			

\*prospective study

No            Yes            Total

Relative risks

N	52	30	82
NS	52	30	82
Wt	908.14	508.51	1416.65
Het Chi	96.42	59.01	156.07
Het df	51	29	81
Het P	***	***	***
Fixed RR	1.22	1.17	1.20
RR1	1.14	1.07	1.14
RRu	1.30	1.27	1.26
P	+++	+++	+++
Random RR	1.25	1.27	1.25
RR1	1.13	1.10	1.16
RRu	1.38	1.47	1.36
P	+++	++	+++
Asymm P	N.S.	*	*
Between Chi		0.64	0.64
Between df		1	1
Between P		N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 22  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female

By never smoker definition - adjusted  
 Never smoker definition 'Other' may include 'Smoked for a limited period' or 'Smoked occasionally'

Never		NRR	Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref		Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22-	16.12)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
39	SCHWAR	6	f -	-	-	-	1.10 ( 0.72-	1.68)
40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67-	4.60)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
67	EPICA	10	f -	-	-	-	0.84 ( 0.33-	2.17)
68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
69	FRANCO	3	f -	-	-	-	1.80 ( 0.95-	3.42)
71	RYLAND	2	f -	-	-	-	1.37 ( 0.57-	3.30)
72	WEN	1	f -	-	-	-	1.09 ( 0.74-	1.61)
78	GALLEG	3	f -	-	-	-	8.00 ( 0.85-	75.31)
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78-	2.03)
83	LIANG	2	f141	149	85	130	1.45 ( 1.01-	2.07)
86	JIANG	11	f -	-	-	-	2.27 ( 1.13-	4.53)
88	LO	16	f -	-	-	-	2.24 ( 1.62-	3.10)
Partial Totals			818	2766	437	1534		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 22  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female

By never smoker definition - adjusted  
 Never smoker definition 'Other' may include 'Smoked for a limited period' or 'Smoked occasionally'

Other		Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85- 1.61)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76- 6.56)
16	KOO	3	f -	-	-	-	1.64 ( 0.87- 3.09)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16- 2.35)
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53- 3.49)
26	JANERI	3	f -	-	-	-	0.75 ( 0.47- 1.20)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30- 1.96)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80- 3.00)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04- 1.60)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30- 1.13)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84- 7.85)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09- 5.85)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88- 1.39)
49	BOFFE2	14	f -	-	-	-	1.00 ( 0.50- 1.90)
50	JEE	4	f -	-	-	-	1.72 ( 0.93- 3.18)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50- 2.90)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80- 1.50)
54	LEECH	8	f -	-	-	-	1.87 ( 1.29- 2.71)
55	MALATS	9	f -	-	-	-	1.50 ( 0.77- 2.91)
56	WANGL	36	f -	-	-	-	1.03 ( 0.60- 1.70)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62- 2.30)
58	LAGARD	4	f -	-	-	-	1.15 ( 0.84- 1.58)
60	OHNO	6	f -	-	-	-	1.00 ( 0.67- 1.49)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93- 1.80)
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21- 1.09)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50- 1.30)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63- 2.10)
73	YU	1	f -	-	-	-	1.35 ( 0.70- 2.63)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49- 2.01)
76	HILL2	3	f -	-	-	-	1.38 ( 0.78- 2.41)
77	ASOMAN	13	f -	-	-	-	0.93 ( 0.31- 2.78)
80	YANG	8	f -	-	-	-	2.00 ( 1.10- 3.63)
84	BRENNE	18	f -	-	-	-	0.40 ( 0.25- 0.63)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01- 4.00)
Partial Totals			396	95663	279	82613	

\*prospective study

	Never	Other	Total
Relative risks			
N	48	34	82
NS	48	34	82
Wt	806.02	610.64	1416.65
Het Chi	90.70	65.19	156.07
Het df	47	33	81
Het P	***	***	***
Fixed RR	1.21	1.18	1.20
RR1	1.13	1.09	1.14
RRu	1.30	1.28	1.26
P	+++	+++	+++
Random RR	1.31	1.18	1.25
RR1	1.18	1.05	1.16
RRu	1.46	1.34	1.36
P	+++	++	+++
Asymm P	**	N.S.	*
Between Chi		0.19	0.19
Between df		1	1
Between P		N.S.	N.S.

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 23  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By interview method/setting - adjusted

Hospital

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
77	ASOMAN	13	f -	-	-	-	0.93 ( 0.31-	2.78)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01-	4.00)
88	LO	16	f -	-	-	-	2.24 ( 1.62-	3.10)
Partial Totals			316	603	200	545		

\*prospective study

Home

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
72	WEN	1	f -	-	-	-	1.09 ( 0.74-	1.61)
Partial Totals			33	164	8	32		

\*prospective study

Telephone

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
39	SCHWAR	6	f -	-	-	-	1.10 ( 0.72-	1.68)
Partial Totals			0	0	0	0		

\*prospective study

Self-completion

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22-	16.12)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
50	JEE	4	f -	-	-	-	1.72 ( 0.93-	3.18)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67-	4.60)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
67	EPICA	10	f -	-	-	-	0.84 ( 0.33-	2.17)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)
76	HILL2	3	f -	-	-	-	1.38 ( 0.78-	2.41)
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78-	2.03)
Partial Totals			145	96266	104	82420		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 23  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By interview method/setting - adjusted

Othr/unkn

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
26	JANERI	3	f -	-	-	-	0.75 ( 0.47-	1.20)
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
49	BOFFE2	14	f -	-	-	-	1.00 ( 0.50-	1.90)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80-	1.50)
55	MALATS	9	f -	-	-	-	1.50 ( 0.77-	2.91)
56	WANGL	36	f -	-	-	-	1.03 ( 0.60-	1.70)
58	LAGARD	4	f -	-	-	-	1.15 ( 0.84-	1.58)
60	OHNO	6	f -	-	-	-	1.00 ( 0.67-	1.49)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
69	FRANCO	3	f -	-	-	-	1.80 ( 0.95-	3.42)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
71	RYLAND	2	f -	-	-	-	1.37 ( 0.57-	3.30)
73	YU	1	f -	-	-	-	1.35 ( 0.70-	2.63)
78	GALLEG	3	f -	-	-	-	8.00 ( 0.85-	75.31)
80	YANG	8	f -	-	-	-	2.00 ( 1.10-	3.63)
83	LIANG	2	f141	149	85	130	1.45 ( 1.01-	2.07)
84	BRENNE	18	f -	-	-	-	0.40 ( 0.25-	0.63)
86	JIANG	11	f -	-	-	-	2.27 ( 1.13-	4.53)
Partial Totals			720	1396	404	1150		

\*prospective study

		Hospital	Home Telephone	Self-comp	Othr/unkn	Total	
Relative risks							
	N	16	9	4	14	39	82
	NS	16	9	4	14	39	82
	Wt	207.36	131.91	131.91	179.70	765.77	1416.65
	Het Chi	31.32	9.23	0.56	5.83	90.26	156.07
	Het df	15	8	3	13	38	81
	Het P	**	N.S.	N.S.	N.S.	***	***
	Fixed RR	1.56	1.23	1.04	1.17	1.15	1.20
	RR1	1.36	1.04	0.88	1.01	1.07	1.14
	RRu	1.79	1.46	1.23	1.35	1.23	1.26
	P	+++	+	N.S.	+	+++	+++
	Random RR	1.47	1.23	1.04	1.17	1.23	1.25
	RR1	1.18	1.02	0.88	1.01	1.09	1.16
	RRu	1.81	1.49	1.23	1.35	1.39	1.36
	P	+++	+	N.S.	+	+++	+++
	Asymm P	(*)	N.S.	(*)	(*)	**	*
	Between Chi		4.55	13.38	8.27	15.47	18.88
	Between df		1	1	1	1	4

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 23  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female

		By interview method/setting - adjusted				
		Hospital	Home Telephone	Self-comp	Othr/unkn	Total
Relative risks	Between P	-	---	--	---	***

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Within each study, results are selected according to the following order of preference:  
 1) EXP : s, h, t, b                                      4) HOU : a, other  
 2) TYP : t/g, other                                      5) UNX : 2, 1, 4, 3, other  
 3) TIM : m, a, z, y, w, f, e, x, c, p, v

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 24  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By any proxy use or not - adjusted

No	StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
				Case	Cont	Case	Cont			
	1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)	
	2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)	
	4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)	
	6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)	
	7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)	
	9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)	
	10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)	
	12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)	
	14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)	
	16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)	
	17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)	
	19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)	
	22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)	
	23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)	
	24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22-	16.12)	
	25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)	
	27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)	
	28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)	
	29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)	
	30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)	
	34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)	
	37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)	
	38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)	
	40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)	
	41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)	
	42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)	
	43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)	
	46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)	
	47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)	
	48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)	
	49	BOFFE2	14	f -	-	-	-	1.00 ( 0.50-	1.90)	
	50	JEE	4	f -	-	-	-	1.72 ( 0.93-	3.18)	
	51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)	
	52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)	
	54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)	
	55	MALATS	9	f -	-	-	-	1.50 ( 0.77-	2.91)	
	59	NISHIN	2	f -	-	-	-	1.80 ( 0.67-	4.60)	
	60	OHNO	6	f -	-	-	-	1.00 ( 0.67-	1.49)	
	62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)	
	63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)	
	64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)	
	65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)	
	67	EPICA	10	f -	-	-	-	0.84 ( 0.33-	2.17)	
	68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)	
	69	FRANCO	3	f -	-	-	-	1.80 ( 0.95-	3.42)	
	70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)	
	71	RYLAND	2	f -	-	-	-	1.37 ( 0.57-	3.30)	
	72	WEN	1	f -	-	-	-	1.09 ( 0.74-	1.61)	
	75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)	
	76	HILL2	3	f -	-	-	-	1.38 ( 0.78-	2.41)	
	78	GALLEG	3	f -	-	-	-	8.00 ( 0.85-	75.31)	
	79	KURAHA	10	f -	-	-	-	1.26 ( 0.78-	2.03)	
	83	LIANG	2	f141	149	85	130	1.45 ( 1.01-	2.07)	
	84	BRENNE	18	f -	-	-	-	0.40 ( 0.25-	0.63)	
	85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01-	4.00)	
	88	LO	16	f -	-	-	-	2.24 ( 1.62-	3.10)	
	Partial Totals				933	97576	602	83692		
	*prospective study									

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 24  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female  
 By any proxy use or not - adjusted

Yes

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
26	JANERI	3	f -	-	-	-	0.75 ( 0.47-	1.20)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
39	SCHWAR	6	f -	-	-	-	1.10 ( 0.72-	1.68)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80-	1.50)
56	WANGL	36	f -	-	-	-	1.03 ( 0.60-	1.70)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
58	LAGARD	4	f -	-	-	-	1.15 ( 0.84-	1.58)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
73	YU	1	f -	-	-	-	1.35 ( 0.70-	2.63)
80	YANG	8	f -	-	-	-	2.00 ( 1.10-	3.63)
Partial Totals			185	633	87	352		

\*prospective study

Unknown

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
77	ASOMAN	13	f -	-	-	-	0.93 ( 0.31-	2.78)
86	JIANG	11	f -	-	-	-	2.27 ( 1.13-	4.53)
Partial Totals			96	220	27	103		

\*prospective study

No            Yes    Unknown    Total

Relative risks

N	56	22	4	82
NS	56	22	4	82
Wt	934.72	457.18	24.75	1416.65
Het Chi	124.43	21.89	2.33	156.07
Het df	55	21	3	81
Het P	***	N.S.	N.S.	***
Fixed RR	1.20	1.16	2.04	1.20
RRl	1.13	1.06	1.37	1.14
RRu	1.28	1.27	3.02	1.26
P	+++	++	+++	+++
Random RR	1.26	1.16	2.04	1.25
RRl	1.13	1.06	1.37	1.16
RRu	1.40	1.28	3.02	1.36
P	+++	++	+++	+++
Asymm P	(*)	N.S.	N.S.	*
Between Chi		0.41	6.65	7.42
Between df		1	1	2
Between P		N.S.	++	*

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 25  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Female

By proxy use differs markedly in cases and controls or not (CC studies only) - adjusted

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
26	JANERI	3	f -	-	-	-	0.75 ( 0.47-	1.20)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
49	BOFFE2	14	f -	-	-	-	1.00 ( 0.50-	1.90)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)
55	MALATS	9	f -	-	-	-	1.50 ( 0.77-	2.91)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
60	OHNO	6	f -	-	-	-	1.00 ( 0.67-	1.49)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
69	FRANCO	3	f -	-	-	-	1.80 ( 0.95-	3.42)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
71	RYLAND	2	f -	-	-	-	1.37 ( 0.57-	3.30)
73	YU	1	f -	-	-	-	1.35 ( 0.70-	2.63)
78	GALLEG	3	f -	-	-	-	8.00 ( 0.85-	75.31)
83	LIANG	2	f141	149	85	130	1.45 ( 1.01-	2.07)
84	BRENNE	18	f -	-	-	-	0.40 ( 0.25-	0.63)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01-	4.00)
88	LO	16	f -	-	-	-	2.24 ( 1.62-	3.10)
Partial Totals			920	1719	572	1476		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 25

ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
Female

By proxy use differs markedly in cases and controls or not (CC studies only) - adjusted

Yes

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
39	SCHWAR	6	f -	-	-	-	1.10 ( 0.72-	1.68)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80-	1.50)
56	WANGL	36	f -	-	-	-	1.03 ( 0.60-	1.70)
58	LAGARD	4	f -	-	-	-	1.15 ( 0.84-	1.58)
80	YANG	8	f -	-	-	-	2.00 ( 1.10-	3.63)
Partial Totals			105	315	51	220		

\*prospective study

Unknown

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
77	ASOMAN	13	f -	-	-	-	0.93 ( 0.31-	2.78)
86	JIANG	11	f -	-	-	-	2.27 ( 1.13-	4.53)
Partial Totals			96	220	27	103		

\*prospective study

No Yes Unknown Total

Relative risks

	N	52	12	4	68
	NS	52	12	4	68
	Wt	835.32	340.63	24.75	1200.70
Het	Chi	129.04	10.56	2.33	149.02
Het	df	51	11	3	67
Het	P	***	N.S.	N.S.	***
Fixed	RR	1.19	1.18	2.04	1.20
	RRl	1.11	1.06	1.37	1.13
	RRu	1.27	1.31	3.02	1.27
	P	+++	++	+++	+++
Random	RR	1.24	1.18	2.04	1.26
	RRl	1.10	1.06	1.37	1.15
	RRu	1.39	1.31	3.02	1.39
	P	+++	++	+++	+++
Asymm	P	N.S.	*	N.S.	*
Between	Chi		0.02	6.93	7.09
Between	df		1	1	2
Between	P		N.S.	++	*

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 26  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Male  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
3	CORREA	1	m 2	26	6	154	1.97	( 0.38-	10.32)
5	BUFFLE	1	m 5	56	6	34	0.51	( 0.14-	1.79)
6	HIRAYA	2	m -	-	-	-	2.25	( 1.05-	4.76)
7	KABAT1	3	m 5	5	7	7	1.00	( 0.20-	5.07)
11	AKIBA	2	m -	-	-	-	1.80	( 0.39-	6.96)
12	LEE	4	m -	-	-	-	1.30	( 0.38-	4.39)
15	HUMBL1	2	m -	-	-	-	4.08	( 0.70-	23.91)
23	CHOI	1	m 2	6	11	90	2.73	( 0.49-	15.21)
24	HOLE	1	m 2	243	1	428	3.52	( 0.32-	38.65)
26	JANERI	2	m -	-	-	-	0.75	( 0.31-	1.78)
36	LAYARD	2	m -	-	-	-	1.47	( 0.55-	3.94)
38	KABAT2	4	m -	-	-	-	1.60	( 0.67-	3.82)
39	SCHWAR	4	m -	-	-	-	1.10	( 0.60-	2.03)
43	CARDEN	12	m -	-	-	-	1.10	( 0.60-	1.80)
44	ZHENG	1	m 8	12	17	17	0.67	( 0.22-	2.04)
45	AUVINE	2	m -	-	-	-	0.69	( 0.28-	1.74)
46	BOFFET	7	m -	-	-	-	1.47	( 0.81-	2.66)
55	MALATS	8	m -	-	-	-	1.50	( 0.41-	5.43)
56	WANGL	34	m -	-	-	-	0.56	( 0.20-	1.40)
58	LAGARD	2	m -	-	-	-	1.15	( 0.81-	1.63)
63	ENSTRO	6	m -	-	-	-	0.63	( 0.33-	1.22)
65	IARCKR	3	m -	-	-	-	0.40	( 0.10-	3.00)
66	MCGHEE	1	m -	-	-	-	1.34	( 0.82-	2.17)
67	EPICA	9	m -	-	-	-	0.84	( 0.18-	3.86)
69	FRANCO	2	m -	-	-	-	1.80	( 0.80-	4.03)
70	GORLOV	1	m -	-	-	-	1.41	( 0.60-	3.30)
71	RYLAND	1	m -	-	-	-	1.37	( 0.53-	3.53)
75	HILL1	3	m -	-	-	-	1.08	( 0.56-	2.09)
76	HILL2	1	m -	-	-	-	1.45	( 0.75-	2.81)
77	ASOMAN	12	m -	-	-	-	0.93	( 0.23-	3.70)
78	GALLEG	2	m -	-	-	-	8.00	( 1.13-	56.52)
80	YANG	7	m -	-	-	-	2.00	( 1.11-	3.59)
82	TSE	10	m -	-	-	-	0.90	( 0.57-	1.41)
84	BRENNE	17	m -	-	-	-	0.40	( 0.20-	0.80)
85	HOSSEI	13	m 0	4	26	166	0.70~	( 0.04-	13.34)
86	JIANG	10	m -	-	-	-	2.27	( 0.62-	8.27)
88	LO	15	m -	-	-	-	2.24	( 1.31-	3.83)
Partial Totals			24	352	74	896			

\*prospective study

~ With 0.5 adjustment for zero

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
3	CORREA	1	m	t	0.68	1.41	0.35	0.4200
5	BUFFLE	1	m	t	-0.68	2.42	1.80	0.2896
6	HIRAYA	2	m	t	0.81	6.73	2.67	0.0355
7	KABAT1	3	m	t	0.00	1.46	0.05	1.0000
11	AKIBA	2	m	t	0.59	1.85	0.31	0.4240
12	LEE	4	m	t	0.26	2.57	0.02	0.6743
15	HUMBL1	2	m	t	1.41	1.23	1.85	0.1185
23	CHOI	1	m	t	1.00	1.30	0.88	0.2525
24	HOLE	1	m	t	1.26	0.67	0.78	0.3028
26	JANERI	2	m	t	-0.29	5.03	1.10	0.5188
36	LAYARD	2	m	t	0.39	3.96	0.17	0.4431
38	KABAT2	4	m	t	0.47	5.07	0.42	0.2899
39	SCHWAR	4	m	t	0.10	10.34	0.08	0.7592
43	CARDEN	12	m	t	0.10	12.73	0.09	0.7338
44	ZHENG	1	m	t	-0.41	3.07	1.05	0.4776
45	AUVINE	2	m	t	-0.37	4.60	1.40	0.4259
46	BOFFET	7	m	t	0.39	10.87	0.45	0.2041
55	MALATS	8	m	t	0.41	2.30	0.12	0.5384
56	WANGL	34	m	t	-0.58	4.06	2.35	0.2428
58	LAGARD	2	m	t	0.14	31.42	0.05	0.4334
63	ENSTRO	6	m	t	-0.46	8.99	3.71	0.1660
65	IARCKR	3	m	t	-0.92	1.33	1.60	0.2910

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 26  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Male  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
66	MCGHEE	1	m	t	0.29	16.22	0.20	0.2385
67	EPICA	9	m	t	-0.17	1.64	0.21	0.8236
69	FRANCO	2	m	t	0.59	5.88	0.97	0.1542
70	GORLOV	1	m	t	0.34	5.29	0.14	0.4295
71	RYLAND	1	m	t	0.31	4.27	0.08	0.5152
75	HILL1	3	m	t	0.08	8.86	0.10	0.8188
76	HILL2	1	m	t	0.37	8.81	0.32	0.2702
77	ASOMAN	12	m	t	-0.07	1.99	0.13	0.9184
78	GALLEG	2	m	t	2.08	1.00	3.62	0.0372
80	YANG	7	m	t	0.69	11.15	2.93	0.0206
82	TSE	10	m	t	-0.11	18.73	1.53	0.6484
84	BRENNE	17	m	t	-0.92	8.00	9.62	0.0096
85	HOSSEI	13	m	t	-0.36	0.44	0.13	0.8113
86	JIANG	10	m	t	0.82	2.30	0.93	0.2149
88	LO	15	m	t	0.81	13.35	5.23	0.0032

Relative risks

N	37
NS	37
Wt	231.33
Het Chi	47.44
Het df	36
Het P	(*)
Fixed RR	1.20
RRl	1.05
RRu	1.36
P	++
Random RR	1.20
RRl	1.02
RRu	1.41
P	+
Asymm P	N.S.

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 27  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Male  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
3	CORREA	1	m 2	26	6	154	1.97	( 0.38-	10.32)
5	BUFFLE	1	m 5	56	6	34	0.51	( 0.14-	1.79)
6	HIRAYA	1	m 7	1010	57	19279	2.34	( 1.07-	5.13)
7	KABAT1	3	m 5	5	7	7	1.00	( 0.20-	5.07)
11	AKIBA	1	m 3	9	16	101	2.10	( 0.51-	8.61)
12	LEE	3	m 8	14	7	16	1.31	( 0.38-	4.52)
15	HUMBL1	1	m 5	37	3	93	4.19	( 0.95-	18.42)
23	CHOI	1	m 2	6	11	90	2.73	( 0.49-	15.21)
24	HOLE	1	m 2	243	1	428	3.52	( 0.32-	38.65)
26	JANERI	2	m -	-	-	-	0.75	( 0.31-	1.78)
36	LAYARD	1	m 6	215	15	783	1.46	( 0.56-	3.80)
38	KABAT2	3	m 11	19	28	79	1.63	( 0.69-	3.85)
39	SCHWAR	3	m -	-	-	-	1.18	( 0.63-	2.20)
43	CARDEN	11	m 18	19549	79	76993	0.90	( 0.54-	1.50)
44	ZHENG	1	m 8	12	17	17	0.67	( 0.22-	2.04)
45	AUVINE	1	m 17	81	27	148	1.15	( 0.59-	2.24)
46	BOFFET	6	m 23	68	118	462	1.32	( 0.79-	2.21)
55	MALATS	1	m -	-	-	-	1.70	( 0.55-	5.26)
56	WANGL	33	m 14	57	19	57	0.74	( 0.34-	1.61)
58	LAGARD	1	m -	-	-	-	1.15	( 0.83-	1.59)
63	ENSTRO	3	m -	-	-	-	0.75	( 0.42-	1.35)
65	IARCKR	3	m -	-	-	-	0.40	( 0.10-	3.00)
66	MCGHEE	5	m 33	71	112	347	1.44	( 0.90-	2.29)
67	EPICA	9	m -	-	-	-	0.84	( 0.18-	3.86)
69	FRANCO	2	m -	-	-	-	1.80	( 0.80-	4.03)
70	GORLOV	1	m -	-	-	-	1.41	( 0.60-	3.30)
71	RYLAND	1	m -	-	-	-	1.37	( 0.53-	3.53)
75	HILL1	1	m -	-	-	-	0.97	( 0.53-	1.77)
76	HILL2	1	m -	-	-	-	1.45	( 0.75-	2.81)
77	ASOMAN	12	m -	-	-	-	0.93	( 0.23-	3.70)
78	GALLEG	2	m -	-	-	-	8.00	( 1.13-	56.52)
80	YANG	5	m -	-	-	-	1.20	( 0.65-	2.20)
82	TSE	1	m 47	194	85	342	0.97	( 0.66-	1.45)
84	BRENNE	17	m -	-	-	-	0.40	( 0.20-	0.80)
85	HOSSEI	13	m 0	4	26	166	0.70	( 0.04-	13.34)
86	JIANG	8	m 23	10	24	37	3.55	( 1.44-	8.75)
88	LO	13	m -	-	-	-	2.20	( 1.24-	3.89)
Partial Totals			239	21686	664	99633			

\*prospective study

~ With 0.5 adjustment for zero

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
3	CORREA	1	m	t	0.68	1.41	0.36	0.4200
5	BUFFLE	1	m	t	-0.68	2.42	1.77	0.2896
6	HIRAYA	1	m	t	0.85	6.28	2.88	0.0328
7	KABAT1	3	m	t	0.00	1.46	0.04	1.0000
11	AKIBA	1	m	t	0.74	1.93	0.63	0.3008
12	LEE	3	m	t	0.27	2.49	0.02	0.6735
15	HUMBL1	1	m	t	1.43	1.75	2.77	0.0580
23	CHOI	1	m	t	1.00	1.30	0.89	0.2525
24	HOLE	1	m	t	1.26	0.67	0.79	0.3028
26	JANERI	2	m	t	-0.29	5.03	1.07	0.5188
36	LAYARD	1	m	t	0.38	4.18	0.17	0.4418
38	KABAT2	3	m	t	0.49	5.21	0.52	0.2627
39	SCHWAR	3	m	t	0.17	9.83	0.00	0.6039
43	CARDEN	11	m	t	-0.11	14.67	1.17	0.6783
44	ZHENG	1	m	t	-0.41	3.07	1.03	0.4776
45	AUVINE	1	m	t	0.14	8.70	0.01	0.6794
46	BOFFET	6	m	t	0.28	14.53	0.17	0.2843
55	MALATS	1	m	t	0.53	3.01	0.38	0.3569
56	WANGL	33	m	t	-0.31	6.28	1.44	0.4440
58	LAGARD	1	m	t	0.14	36.36	0.04	0.3994
63	ENSTRO	3	m	t	-0.29	11.27	2.40	0.3341
65	IARCKR	3	m	t	-0.92	1.33	1.58	0.2910

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 27  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Male  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
66	MCGHEE	5	m	t	0.36	17.79	0.65	0.1240
67	EPICA	9	m	t	-0.17	1.64	0.20	0.8236
69	FRANCO	2	m	t	0.59	5.88	1.01	0.1542
70	GORLOV	1	m	t	0.34	5.29	0.15	0.4295
71	RYLAND	1	m	t	0.31	4.27	0.08	0.5152
75	HILL1	1	m	t	-0.03	10.57	0.44	0.9211
76	HILL2	1	m	t	0.37	8.81	0.34	0.2702
77	ASOMAN	12	m	t	-0.07	1.99	0.12	0.9184
78	GALLEG	2	m	t	2.08	1.00	3.64	0.0372
80	YANG	5	m	t	0.18	10.34	0.00	0.5578
82	TSE	1	m	t	-0.03	24.32	0.97	0.8997
84	BRENNE	17	m	t	-0.92	8.00	9.50	0.0096
85	HOSSEI	13	m	t	-0.36	0.44	0.13	0.8113
86	JIANG	8	m	t	1.27	4.71	5.62	0.0060
88	LO	13	m	t	0.79	11.76	4.44	0.0069

Relative risks

N	37
NS	37
Wt	259.97
Het Chi	47.45
Het df	36
Het P	(*)
Fixed RR	1.19
RRl	1.05
RRu	1.34
P	++
Random RR	1.21
RRl	1.04
RRu	1.41
P	+
Asymm P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 28  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Male  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
3	CORREA	1	m 2	26	6	154	1.97	( 0.38-	10.32)
5	BUFFLE	1	m 5	56	6	34	0.51	( 0.14-	1.79)
7	KABAT1	3	m 5	5	7	7	1.00	( 0.20-	5.07)
15	HUMBL1	2	m -	-	-	-	4.08	( 0.70-	23.91)
26	JANERI	2	m -	-	-	-	0.75	( 0.31-	1.78)
36	LAYARD	2	m -	-	-	-	1.47	( 0.55-	3.94)
38	KABAT2	4	m -	-	-	-	1.60	( 0.67-	3.82)
39	SCHWAR	4	m -	-	-	-	1.10	( 0.60-	2.03)
43	CARDEN	12	m -	-	-	-	1.10	( 0.60-	1.80)
63	ENSTRO	6	m -	-	-	-	0.63	( 0.33-	1.22)
69	FRANCO	2	m -	-	-	-	1.80	( 0.80-	4.03)
70	GORLOV	1	m -	-	-	-	1.41	( 0.60-	3.30)
77	ASOMAN	12	m -	-	-	-	0.93	( 0.23-	3.70)
78	GALLEG	2	m -	-	-	-	8.00	( 1.13-	56.52)
80	YANG	7	m -	-	-	-	2.00	( 1.11-	3.59)
84	BRENNE	17	m -	-	-	-	0.40	( 0.20-	0.80)
Partial Totals			12	87	19	195			

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
12	LEE	4	m -	-	-	-	1.30	( 0.38-	4.39)
24	HOLE	1	m 2	243	1	428	3.52	( 0.32-	38.65)
45	AUVINE	2	m -	-	-	-	0.69	( 0.28-	1.74)
46	BOFFET	7	m -	-	-	-	1.47	( 0.81-	2.66)
55	MALATS	8	m -	-	-	-	1.50	( 0.41-	5.43)
58	LAGARD	2	m -	-	-	-	1.15	( 0.81-	1.63)
65	IARCKR	3	m -	-	-	-	0.40	( 0.10-	3.00)
67	EPICA	9	m -	-	-	-	0.84	( 0.18-	3.86)
71	RYLAND	1	m -	-	-	-	1.37	( 0.53-	3.53)
Partial Totals			2	243	1	428			

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
6	HIRAYA	2	m -	-	-	-	2.25	( 1.05-	4.76)
11	AKIBA	2	m -	-	-	-	1.80	( 0.39-	6.96)
23	CHOI	1	m 2	6	11	90	2.73	( 0.49-	15.21)
44	ZHENG	1	m 8	12	17	17	0.67	( 0.22-	2.04)
56	WANGL	34	m -	-	-	-	0.56	( 0.20-	1.40)
66	MCGHEE	1	m -	-	-	-	1.34	( 0.82-	2.17)
82	TSE	10	m -	-	-	-	0.90	( 0.57-	1.41)
85	HOSSEI	13	m 0	4	26	166	0.70~	( 0.04-	13.34)
86	JIANG	10	m -	-	-	-	2.27	( 0.62-	8.27)
88	LO	15	m -	-	-	-	2.24	( 1.31-	3.83)
Partial Totals			10	22	54	273			

\*prospective study

~ With 0.5 adjustment for zero

Other

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
75	HILL1	3	m -	-	-	-	1.08	( 0.56-	2.09)
76	HILL2	1	m -	-	-	-	1.45	( 0.75-	2.81)
Partial Totals			0	0	0	0			

\*prospective study

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 28  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Male

	By continent - adjusted					Total
	NAmerica	Europe	Asia	Other		
Relative risks						
	N	16	9	10	2	37
	NS	16	9	10	2	37
	Wt	85.95	59.67	68.05	17.67	231.33
	Het Chi	26.56	4.66	14.52	0.38	47.44
	Het df	15	8	9	1	36
	Het P	*	N.S.	N.S.	N.S.	(*)
	Fixed RR	1.11	1.17	1.33	1.25	1.20
	RRl	0.90	0.90	1.05	0.78	1.05
	RRu	1.37	1.50	1.69	1.99	1.36
	P	N.S.	N.S.	+	N.S.	++
	Random RR	1.14	1.17	1.35	1.25	1.20
	RRl	0.85	0.90	0.96	0.78	1.02
	RRu	1.55	1.50	1.90	1.99	1.41
	P	N.S.	N.S.	(+)	N.S.	+
	Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.
	Between Chi		0.08	1.23	0.20	1.31
	Between df		1	1	1	3
	Between P		N.S.	N.S.	N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 29  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Male  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
3	CORREA	1	m 2	26	6	154	1.97	( 0.38-	10.32)
5	BUFFLE	1	m 5	56	6	34	0.51	( 0.14-	1.79)
7	KABAT1	3	m 5	5	7	7	1.00	( 0.20-	5.07)
15	HUMBL1	1	m 5	37	3	93	4.19	( 0.95-	18.42)
26	JANERI	2	m -	-	-	-	0.75	( 0.31-	1.78)
36	LAYARD	1	m 6	215	15	783	1.46	( 0.56-	3.80)
38	KABAT2	3	m 11	19	28	79	1.63	( 0.69-	3.85)
39	SCHWAR	3	m -	-	-	-	1.18	( 0.63-	2.20)
43	CARDEN	11	m 18	19549	79	76993	0.90	( 0.54-	1.50)
63	ENSTRO	3	m -	-	-	-	0.75	( 0.42-	1.35)
69	FRANCO	2	m -	-	-	-	1.80	( 0.80-	4.03)
70	GORLOV	1	m -	-	-	-	1.41	( 0.60-	3.30)
77	ASOMAN	12	m -	-	-	-	0.93	( 0.23-	3.70)
78	GALLEG	2	m -	-	-	-	8.00	( 1.13-	56.52)
80	YANG	5	m -	-	-	-	1.20	( 0.65-	2.20)
84	BRENNE	17	m -	-	-	-	0.40	( 0.20-	0.80)
Partial Totals			52	19907	144	78143			

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
12	LEE	3	m 8	14	7	16	1.31	( 0.38-	4.52)
24	HOLE	1	m 2	243	1	428	3.52	( 0.32-	38.65)
45	AUVINE	1	m 17	81	27	148	1.15	( 0.59-	2.24)
46	BOFFET	6	m 23	68	118	462	1.32	( 0.79-	2.21)
55	MALATS	1	m -	-	-	-	1.70	( 0.55-	5.26)
58	LAGARD	1	m -	-	-	-	1.15	( 0.83-	1.59)
65	IARCKR	3	m -	-	-	-	0.40	( 0.10-	3.00)
67	EPICA	9	m -	-	-	-	0.84	( 0.18-	3.86)
71	RYLAND	1	m -	-	-	-	1.37	( 0.53-	3.53)
Partial Totals			50	406	153	1054			

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
6	HIRAYA	1	m 7	1010	57	19279	2.34	( 1.07-	5.13)
11	AKIBA	1	m 3	9	16	101	2.10	( 0.51-	8.61)
23	CHOI	1	m 2	6	11	90	2.73	( 0.49-	15.21)
44	ZHENG	1	m 8	12	17	17	0.67	( 0.22-	2.04)
56	WANGL	33	m 14	57	19	57	0.74	( 0.34-	1.61)
66	MCGHEE	5	m 33	71	112	347	1.44	( 0.90-	2.29)
82	TSE	1	m 47	194	85	342	0.97	( 0.66-	1.45)
85	HOSSEI	13	m 0	4	26	166	0.70~	( 0.04-	13.34)
86	JIANG	8	m 23	10	24	37	3.55	( 1.44-	8.75)
88	LO	13	m -	-	-	-	2.20	( 1.24-	3.89)
Partial Totals			137	1373	367	20436			

\*prospective study

~ With 0.5 adjustment for zero

Other

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
75	HILL1	1	m -	-	-	-	0.97	( 0.53-	1.77)
76	HILL2	1	m -	-	-	-	1.45	( 0.75-	2.81)
Partial Totals			0	0	0	0			

\*prospective study

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 29  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Male

	By continent - unadjusted					
	NAmerica	Europe	Asia	Other	Total	
Relative risks						
	N	16	9	10	2	37
	NS	16	9	10	2	37
	Wt	89.71	73.00	77.89	19.37	259.97
	Het Chi	22.96	3.27	16.73	0.78	47.45
	Het df	15	8	9	1	36
	Het P	(*)	N.S.	(*)	N.S.	(*)
	Fixed RR	1.03	1.20	1.39	1.16	1.19
	RRl	0.84	0.95	1.12	0.75	1.05
	RRu	1.27	1.51	1.74	1.82	1.34
	P	N.S.	N.S.	++	N.S.	++
	Random RR	1.08	1.20	1.49	1.16	1.21
	RRl	0.82	0.95	1.05	0.75	1.04
	RRu	1.42	1.51	2.10	1.82	1.41
	P	N.S.	N.S.	+	N.S.	+
	Asymm P	(*)	N.S.	N.S.	N.S.	N.S.
	Between Chi		0.89	3.70	0.22	3.72
	Between df		1	1	1	3
	Between P		N.S.	(+)	N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 30  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3							2.04 ( 0.91-	4.61)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
6	HIRAYA	2	m -	-	-	-	2.25 ( 1.05-	4.76)
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
Subtotal 6							1.57 ( 1.14-	2.17)
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20-	5.07)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
Subtotal 7							0.85 ( 0.34-	2.16)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
11	AKIBA	2	m -	-	-	-	1.80 ( 0.39-	6.96)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
Subtotal 11							1.53 ( 0.92-	2.55)
12	LEE	4	m -	-	-	-	1.30 ( 0.38-	4.39)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
Subtotal 12							1.11 ( 0.51-	2.40)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
15	HUMBL1	2	m -	-	-	-	4.08 ( 0.70-	23.91)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
Subtotal 15							2.60 ( 1.04-	6.53)
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49-	15.21)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
Subtotal 23							1.71 ( 1.00-	2.93)
24	HOLE	3	c -	-	-	-	2.41 ( 0.45-	12.83)
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
26	JANERI	4	c -	-	-	-	0.75 ( 0.48-	1.18)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
36	LAYARD	2	m -	-	-	-	1.47 ( 0.55-	3.94)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
Subtotal 36							0.78 ( 0.45-	1.34)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
38	KABAT2	4	m -	-	-	-	1.60 ( 0.67-	3.82)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
Subtotal 38							1.22 ( 0.75-	1.99)
39	SCHWAR	8	c -	-	-	-	1.10 ( 0.80-	1.60)
40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
43	CARDEN	12	m -	-	-	-	1.10 ( 0.60-	1.80)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
Subtotal 43							1.17 ( 0.87-	1.57)

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- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

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Table 30  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44							1.56 ( 0.80-	3.06)
45	AUVINE	2	m -	-	-	-	0.69 ( 0.28-	1.74)
46	BOFFET	7	m -	-	-	-	1.47 ( 0.81-	2.66)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
Subtotal 46							1.15 ( 0.93-	1.42)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50-	1.80)
50	JEE	4	f -	-	-	-	1.72 ( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80-	1.50)
54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)
55	MALATS	12	c -	-	-	-	1.50 ( 0.80-	2.60)
56	WANGL	34	m -	-	-	-	0.56 ( 0.20-	1.40)
56	WANGL	36	f -	-	-	-	1.03 ( 0.60-	1.70)
Subtotal 56							0.90 ( 0.57-	1.42)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
58	LAGARD	6	c -	-	-	-	1.15 ( 0.91-	1.45)
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67-	4.60)
60	OHNO	6	f -	-	-	-	1.00 ( 0.67-	1.49)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
63	ENSTRO	6	m -	-	-	-	0.63 ( 0.33-	1.22)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
Subtotal 63							0.86 ( 0.63-	1.17)
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
65	IARCKR	3	m -	-	-	-	0.40 ( 0.10-	3.00)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
Subtotal 65							0.76 ( 0.48-	1.20)
66	MCGHEE	1	m -	-	-	-	1.34 ( 0.82-	2.17)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
Subtotal 66							1.36 ( 1.01-	1.85)
67	EPICA	7	c -	-	-	-	0.84 ( 0.38-	1.90)
68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10-	3.00)
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60-	3.30)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
Subtotal 70							1.23 ( 0.75-	2.01)
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72-	2.61)
72	WEN	1	f -	-	-	-	1.09 ( 0.74-	1.61)
73	YU	1	f -	-	-	-	1.35 ( 0.70-	2.63)
75	HILL1	3	m -	-	-	-	1.08 ( 0.56-	2.09)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)
Subtotal 75							1.04 ( 0.64-	1.69)
76	HILL2	1	m -	-	-	-	1.45 ( 0.75-	2.81)
76	HILL2	3	f -	-	-	-	1.38 ( 0.78-	2.41)
Subtotal 76							1.41 ( 0.92-	2.16)
77	ASOMAN	4	c 25	96	9	32	0.93 ( 0.39-	2.19)
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83-	34.92)
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78-	2.03)
80	YANG	2	c -	-	-	-	2.00 ( 1.30-	3.00)
82	TSE	10	m -	-	-	-	0.90 ( 0.57-	1.41)
83	LIANG	2	f141	149	85	130	1.45 ( 1.01-	2.07)
84	BRENNE	13	c 50	247	101	199	0.40 ( 0.27-	0.59)
85	HOSSEI	13	m 0	4	26	166	0.70~( 0.04-	13.34)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01-	4.00)
Subtotal 85							1.90 ( 0.97-	3.72)
86	JIANG	1	c -	-	-	-	2.27 ( 1.23-	4.18)
88	LO	2	c -	-	-	-	2.24 ( 1.70-	2.96)
Partial Totals			1336	97676	900	84405		

\*prospective study

~ With 0.5 adjustment for zero

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Table 30  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
1	GARFI1	1	f	t	0.16	37.42	0.03	0.3420
2	CHAN	1	f	t	-0.28	12.78	2.80	0.3086
3	CORREA	1	m	t	0.68	1.41	0.35	0.4200
3	CORREA	2	f	t	0.73	4.41	1.30	0.1276
Subtotal 3					0.71	5.82	1.64	
4	TRICHO	1	f	y	0.73	12.77	3.81	0.0091
5	BUFFLE	1	m	t	-0.68	2.42	1.81	0.2896
5	BUFFLE	2	f	t	-0.22	5.19	0.83	0.6209
Subtotal 5					-0.36	7.61	2.64	
6	HIRAYA	2	m	t	0.81	6.73	2.65	0.0355
6	HIRAYA	8	f	t	0.37	30.26	1.07	0.0410
Subtotal 6					0.45	36.99	3.72	
7	KABAT1	3	m	t	0.00	1.46	0.05	1.0000
7	KABAT1	4	f	t	-0.24	2.99	0.53	0.6802
Subtotal 7					-0.16	4.45	0.58	
8	GARFI2	3	f	t	0.21	22.25	0.02	0.3229
9	LAMW	1	f	a	0.70	10.14	2.69	0.0261
10	WU	3	f	a	0.18	4.31	0.00	0.7049
11	AKIBA	2	m	t	0.59	1.85	0.30	0.4240
11	AKIBA	4	f	t	0.41	12.99	0.64	0.1440
Subtotal 11					0.43	14.84	0.94	
12	LEE	4	m	t	0.26	2.57	0.02	0.6743
12	LEE	6	f	t	0.00	3.88	0.13	1.0000
Subtotal 12					0.10	6.44	0.15	
13	BROWN1	2	f	a	0.52	1.86	0.21	0.4791
14	GAO	8	f	t	0.27	23.89	0.16	0.1944
15	HUMBL1	2	m	t	1.41	1.23	1.84	0.1185
15	HUMBL1	4	f	t	0.79	3.31	1.21	0.1516
Subtotal 15					0.96	4.54	3.05	
16	KOO	3	f	t	0.49	9.57	0.93	0.1260
17	LAMT	1	f	t	0.50	30.63	3.06	0.0057
18	PERSHA	2	f	t	0.18	12.73	0.00	0.5153
19	BUTLER	2	f	t	0.70	1.85	0.50	0.3388
20	GENG	1	f	t	0.77	8.13	2.78	0.0285
21	INOUE	2	f	t	0.81	2.58	1.01	0.1930
22	SHIMIZ	2	f	t	0.08	14.20	0.15	0.7646
23	CHOI	1	m	t	1.00	1.30	0.87	0.2525
23	CHOI	2	f	t	0.49	11.99	1.11	0.0916
Subtotal 23					0.54	13.29	1.98	
24	HOLE	3	c	t	0.88	1.37	0.66	0.3034
25	SVENSS	5	f	t	0.31	4.33	0.07	0.5225
26	JANERI	4	c	t	-0.29	18.99	4.22	0.2099
27	KALAND	3	f	t	0.75	8.82	2.80	0.0266
28	SOBUE	2	f	t	0.12	28.29	0.11	0.5157
29	WU-WIL	4	f	t	-0.36	93.46	27.27	0.0006
30	LIUZ	2	f	t	-0.26	4.36	0.86	0.5852
31	BROWN2	4	f	t	0.00	93.46	3.15	1.0000
32	STOCKW	3	f	t	0.47	8.80	0.72	0.1634
33	DU	1	f	t	0.09	13.61	0.13	0.7506
34	LIUQ	2	f	t	0.54	5.89	0.76	0.1880
35	FONTHA	6	f	t	0.25	82.80	0.42	0.0205
36	LAYARD	2	m	t	0.39	3.96	0.16	0.4431
36	LAYARD	4	f	t	-0.54	8.74	4.63	0.1074
Subtotal 36					-0.25	12.70	4.79	
37	DEWAAR	1	f	t	0.94	3.07	1.77	0.0986
38	KABAT2	4	m	t	0.47	5.07	0.42	0.2899
38	KABAT2	6	f	t	0.08	11.16	0.13	0.7971
Subtotal 38					0.20	16.23	0.54	
39	SCHWAR	8	c	t	0.10	31.98	0.25	0.5899
40	SUN	2	f	t	0.15	27.47	0.03	0.4366
41	WANGS	1	f	t	0.93	7.83	4.35	0.0093
42	WANGT	2	f	t	0.10	14.90	0.10	0.6978
43	CARDEN	12	m	t	0.10	12.73	0.10	0.7338
43	CARDEN	10	f	t	0.18	31.98	0.00	0.3025
Subtotal 43					0.16	44.71	0.10	

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Table 30  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
44	ZHENG	1	m	t	-0.41	3.07	1.06	0.4776
44	ZHENG	2	f	t	0.93	5.43	2.99	0.0310
Subtotal 44					0.45	8.50	4.05	
45	AUVINE	2	m	t	-0.37	4.60	1.42	0.4259
46	BOFFET	7	m	t	0.39	10.87	0.44	0.2041
46	BOFFET	9	f	t	0.10	73.53	0.46	0.3709
Subtotal 46					0.14	84.40	0.90	
47	SHEN	1	f	a	-0.29	5.07	1.15	0.5088
48	ZARIDZ	4	f	t	0.43	28.46	1.66	0.0233
49	BOFFE2	12	c	a	0.00	9.36	0.32	1.0000
50	JEE	4	f	t	0.54	10.17	1.31	0.0838
51	RAPITI	2	f	t	0.18	4.97	0.00	0.6843
52	SPEIZE	1	f	t	0.41	1.66	0.08	0.6016
53	ZHONG	2	f	t	0.10	38.89	0.30	0.5523
54	LEECH	8	f	t	0.63	27.89	5.46	0.0009
55	MALATS	12	c	t	0.41	11.06	0.55	0.1775
56	WANGL	34	m	t	-0.58	4.06	2.36	0.2428
56	WANGL	36	f	t	0.03	14.17	0.34	0.9114
Subtotal 56					-0.11	18.22	2.70	
57	JOHNSO	8	f	t	0.18	8.94	0.00	0.5856
58	LAGARD	6	c	t	0.14	70.80	0.14	0.2396
59	NISHIN	2	f	t	0.59	4.14	0.68	0.2317
60	OHNO	6	f	t	0.00	24.05	0.81	1.0000
62	SEOW	1	f	t	0.26	34.66	0.18	0.1317
63	ENSTRO	6	m	t	-0.46	8.99	3.75	0.1660
63	ENSTRO	12	f	t	-0.06	31.30	1.88	0.7292
Subtotal 63					-0.15	40.28	5.63	
64	ZATLOU	6	f	g	-0.73	5.67	4.77	0.0806
65	IARCKR	3	m	t	-0.92	1.33	1.61	0.2910
65	IARCKR	2	f	t	-0.22	16.83	2.78	0.3600
Subtotal 65					-0.27	18.16	4.39	
66	MCGHEE	1	m	t	0.29	16.22	0.19	0.2385
66	MCGHEE	2	f	t	0.32	25.59	0.49	0.1032
Subtotal 66					0.31	41.82	0.69	
67	EPICA	7	c	t	-0.17	5.93	0.76	0.6711
68	FANG	2	f	t	0.57	15.25	2.29	0.0258
69	FRANCO	1	c	t	0.59	15.26	2.50	0.0216
70	GORLOV	1	m	t	0.34	5.29	0.14	0.4295
70	GORLOV	2	f	t	0.14	10.60	0.02	0.6491
Subtotal 70					0.21	15.89	0.16	
71	RYLAND	3	c	t	0.31	9.26	0.16	0.3380
72	WEN	1	f	t	0.09	25.43	0.24	0.6639
73	YU	1	f	t	0.30	8.70	0.12	0.3760
75	HILL1	3	m	t	0.08	8.86	0.10	0.8188
75	HILL1	2	f	t	0.00	7.71	0.26	1.0000
Subtotal 75					0.04	16.57	0.36	
76	HILL2	1	m	t	0.37	8.81	0.31	0.2702
76	HILL2	3	f	t	0.32	12.07	0.23	0.2631
Subtotal 76					0.34	20.88	0.54	
77	ASOMAN	4	c	t	-0.08	5.19	0.35	0.8609
78	GALLEG	1	c	t	2.08	1.77	6.36	0.0057
79	KURAHA	10	f	t	0.23	16.80	0.04	0.3436
80	YANG	2	c	t	0.69	21.97	5.71	0.0012
82	TSE	10	m	t	-0.11	18.73	1.56	0.6484
83	LIANG	2	f	t	0.37	30.07	1.04	0.0426
84	BRENNE	13	c	t	-0.92	25.66	31.20	0.0000
85	HOSSEI	13	m	t	-0.36	0.44	0.13	0.8113
85	HOSSEI	14	f	t	0.70	8.08	2.13	0.0476
Subtotal 85					0.64	8.52	2.26	
86	JIANG	1	c	t	0.82	10.29	4.15	0.0086
88	LO	2	c	t	0.81	49.96	19.39	0.0000

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- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

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Table 30  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 Overall analysis - adjusted

Relative risks

	N	105
	NS	84
	Wt	1646.08
Het	Chi	202.32
Het	df	104
Het	P	***
Fixed	RR	1.20
	RRl	1.14
	RRu	1.26
	P	+++
Random	RR	1.25
	RRl	1.15
	RRu	1.34
	P	+++
Asymm	P	(*)

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Within each study, results are selected according to the following order of preference:

- |  |                            |
|--|----------------------------|
| 1) EXP : s, h, t, b                      | 4) HOU : a, other          |
| 2) TYP : t/g, other                      | 5) UNX : 2, 1, 4, 3, other |
| 3) TIM : m, a, z, y, w, f, e, x, c, p, v |                            |

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Table 31  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3							2.04 ( 0.91-	4.61)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
6	HIRAYA	1	m 7	1010	57	19279	2.34 ( 1.07-	5.13)
6	HIRAYA	7	f163	69645	37	21895	1.38 ( 0.97-	1.98)
Subtotal 6							1.52 ( 1.10-	2.10)
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20-	5.07)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
Subtotal 7							0.85 ( 0.34-	2.16)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
10	WU	2	f 19	33	9	22	1.41 ( 0.54-	3.67)
11	AKIBA	1	m 3	9	16	101	2.10 ( 0.51-	8.61)
11	AKIBA	3	f 73	188	21	82	1.52 ( 0.87-	2.63)
Subtotal 11							1.58 ( 0.95-	2.64)
12	LEE	3	m 8	14	7	16	1.31 ( 0.38-	4.52)
12	LEE	5	f 22	45	10	21	1.03 ( 0.41-	2.55)
Subtotal 12							1.12 ( 0.54-	2.33)
13	BROWN1	1	f 4	7	15	40	1.52 ( 0.39-	5.96)
14	GAO	4	f189	276	57	99	1.19 ( 0.82-	1.73)
15	HUMBL1	1	m 5	37	3	93	4.19 ( 0.95-	18.42)
15	HUMBL1	3	f 15	91	5	71	2.34 ( 0.81-	6.75)
Subtotal 15							2.85 ( 1.20-	6.74)
16	KOO	2	f 51	66	35	70	1.55 ( 0.90-	2.67)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
18	PERSHA	1	f 37	153	33	141	1.03 ( 0.61-	1.74)
19	BUTLER	1	f 3	10579	5	43052	2.44 ( 0.58-	10.22)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	1	f 18	30	4	17	2.55 ( 0.74-	8.78)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49-	15.21)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
Subtotal 23							1.71 ( 1.00-	2.93)
24	HOLE	1	m 2	243	1	428	3.52 ( 0.32-	38.65)
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22-	16.12)
Subtotal 24							2.49 ( 0.50-	12.31)
25	SVENGS	1	f 24	114	10	60	1.26 ( 0.57-	2.81)
26	JANERI	4	c -	-	-	-	0.75 ( 0.48-	1.18)
27	KALAND	2	f 64	70	26	46	1.62 ( 0.90-	2.91)
28	SOBUE	1	f 80	395	64	336	1.06 ( 0.74-	1.52)
29	WU-WIL	3	f205	331	212	271	0.79 ( 0.62-	1.02)
30	LIUZ	1	f 45	176	9	26	0.74 ( 0.32-	1.69)
31	BROWN2	3	f218	598	213	568	0.97 ( 0.78-	1.21)
32	STOCKW	2	f 44	55	18	36	1.60 ( 0.80-	3.19)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	1	f 25	37	13	32	1.66 ( 0.73-	3.78)
35	FONTHA	5	f433	766	218	487	1.26 ( 1.04-	1.54)
36	LAYARD	1	m 6	215	15	783	1.46 ( 0.56-	3.80)
36	LAYARD	3	f 15	961	24	969	0.63 ( 0.33-	1.21)
Subtotal 36							0.82 ( 0.48-	1.41)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
38	KABAT2	3	m 11	19	28	79	1.63 ( 0.69-	3.85)
38	KABAT2	5	f 41	102	26	71	1.10 ( 0.62-	1.96)
Subtotal 38							1.24 ( 0.77-	2.01)
39	SCHWAR	7	c172	175	85	102	1.18 ( 0.83-	1.68)
40	SUN	11	f144	136	86	94	1.16 ( 0.80-	1.68)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
43	CARDEN	11	m 18	19549	79	76993	0.90 ( 0.54-	1.50)

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- 4) HOU : a, other
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Table 31  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
43	CARDEN	9	f 96	114286	54	77948	1.21	( 0.87- 1.69)
Subtotal 43							1.11	( 0.84- 1.47)
44	ZHENG	1	m 8	12	17	17	0.67	( 0.22- 2.04)
44	ZHENG	2	f 62	179	7	51	2.52	( 1.09- 5.85)
Subtotal 44							1.56	( 0.80- 3.06)
45	AUVINE	1	m 17	81	27	148	1.15	( 0.59- 2.24)
46	BOFFET	6	m 23	68	118	462	1.32	( 0.79- 2.21)
46	BOFFET	8	f321	632	187	376	1.02	( 0.82- 1.27)
Subtotal 46							1.06	( 0.87- 1.30)
47	SHEN	1	f 56	59	14	11	0.75	( 0.31- 1.78)
48	ZARIDZ	3	f109	163	80	195	1.63	( 1.14- 2.33)
49	BOFFE2	11	c 33	75	37	103	1.22	( 0.70- 2.14)
50	JEE	3	f 67	-	12	-	1.80	( 0.98- 3.30)
51	RAPITI	1	f 13	21	28	46	1.02	( 0.44- 2.35)
52	SPEIZE	1	f -	-	-	-	1.50	( 0.30- 6.30)
53	ZHONG	1	f322	377	182	224	1.05	( 0.82- 1.34)
54	LEECH	7	f186	253	82	192	1.72	( 1.25- 2.37)
55	MALATS	11	c 58	42	64	79	1.70	( 1.02- 2.86)
56	WANGL	33	m 14	57	19	57	0.74	( 0.34- 1.61)
56	WANGL	35	f169	337	31	70	1.13	( 0.71- 1.80)
Subtotal 56							1.01	( 0.68- 1.51)
57	JOHNSO	7	f 54	543	17	218	1.28	( 0.72- 2.25)
58	LAGARD	5	c179	611	254	997	1.15	( 0.93- 1.43)
59	NISHIN	1	f 11	30566	13	43361	1.20	( 0.54- 2.68)
60	OHNO	5	f139	239	52	90	1.01	( 0.67- 1.50)
62	SEOW	1	f 91	300	85	362	1.29	( 0.93- 1.80)
63	ENSTRO	3	m -	-	-	-	0.75	( 0.42- 1.35)
63	ENSTRO	9	f -	-	-	-	0.99	( 0.72- 1.37)
Subtotal 63							0.93	( 0.70- 1.23)
64	ZATLOU	3	f 7	155	77	734	0.43	( 0.19- 0.95)
65	IARCKR	3	m -	-	-	-	0.40	( 0.10- 3.00)
65	IARCKR	1	f -	-	-	-	0.90	( 0.60- 1.40)
Subtotal 65							0.86	( 0.57- 1.29)
66	MCGHEE	5	m 33	71	112	347	1.44	( 0.90- 2.29)
66	MCGHEE	6	f 96	150	83	195	1.50	( 1.05- 2.16)
Subtotal 66							1.48	( 1.11- 1.97)
67	EPICA	7	c -	-	-	-	0.84	( 0.38- 1.90)
68	FANG	1	f -	-	-	-	2.74	( 1.82- 4.14)
69	FRANCO	1	c -	-	-	-	1.80	( 1.10- 3.00)
70	GORLOV	1	m -	-	-	-	1.41	( 0.60- 3.30)
70	GORLOV	2	f -	-	-	-	1.15	( 0.63- 2.10)
Subtotal 70							1.23	( 0.75- 2.01)
71	RYLAND	3	c -	-	-	-	1.37	( 0.72- 2.61)
72	WEN	1	f -	-	-	-	1.09	( 0.74- 1.61)
73	YU	8	f183	246	30	46	1.14	( 0.69- 1.88)
75	HILL1	1	m -	-	-	-	0.97	( 0.53- 1.77)
75	HILL1	2	f -	-	-	-	1.00	( 0.49- 2.01)
Subtotal 75							0.98	( 0.62- 1.55)
76	HILL2	1	m -	-	-	-	1.45	( 0.75- 2.81)
76	HILL2	2	f -	-	-	-	1.16	( 0.70- 1.92)
Subtotal 76							1.26	( 0.84- 1.88)
77	ASOMAN	4	c 25	96	9	32	0.93	( 0.39- 2.19)
78	GALLEG	1	c 30	90	2	48	8.00	( 1.83- 34.92)
79	KURAHA	9	f 84	280346	25	97466	1.17	( 0.75- 1.83)
80	YANG	1	c -	-	-	-	1.20	( 0.80- 1.90)
82	TSE	1	m 47	194	85	342	0.97	( 0.66- 1.45)
83	LIANG	2	f141	149	85	130	1.45	( 1.01- 2.07)
84	BRENNE	13	c 50	247	101	199	0.40	( 0.27- 0.59)
85	HOSSEI	13	m 0	4	26	166	0.70	( 0.04- 13.34)
85	HOSSEI	14	f 21	28	34	91	2.01	( 1.01- 4.00)
Subtotal 85							1.90	( 0.97- 3.72)
86	JIANG	8	m 23	10	24	37	3.55	( 1.44- 8.75)
86	JIANG	9	f 67	48	31	50	2.25	( 1.26- 4.03)
Subtotal 86							2.57	( 1.58- 4.19)
88	LO	1	c366	293	96	169	2.20	( 1.64- 2.95)

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Table 31  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
Partial Totals			Case	Cont	Case	Cont		
			6222	634960	4162	475226		

\*prospective study

~ With 0.5 adjustment for zero

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
1	GARFI1	1	f	t	0.16	37.42	0.05	0.3420
2	CHAN	1	f	t	-0.28	12.78	2.91	0.3086
3	CORREA	1	m	t	0.68	1.41	0.33	0.4200
3	CORREA	2	f	t	0.73	4.41	1.25	0.1276
Subtotal 3					0.71	5.82	1.59	
4	TRICHO	1	f	y	0.73	12.77	3.69	0.0091
5	BUFFLE	1	m	t	-0.68	2.42	1.84	0.2896
5	BUFFLE	2	f	t	-0.22	5.19	0.87	0.6209
Subtotal 5					-0.36	7.61	2.71	
6	HIRAYA	1	m	t	0.85	6.28	2.73	0.0328
6	HIRAYA	7	f	t	0.33	30.21	0.54	0.0734
Subtotal 6					0.42	36.48	3.27	
7	KABAT1	3	m	t	0.00	1.46	0.05	1.0000
7	KABAT1	4	f	t	-0.24	2.99	0.55	0.6802
Subtotal 7					-0.16	4.45	0.61	
8	GARFI2	3	f	t	0.21	22.25	0.01	0.3229
9	LAMW	1	f	a	0.70	10.14	2.60	0.0261
10	WU	2	f	a	0.34	4.18	0.09	0.4850
11	AKIBA	1	m	t	0.74	1.93	0.59	0.3008
11	AKIBA	3	f	t	0.42	12.69	0.64	0.1382
Subtotal 11					0.46	14.62	1.23	
12	LEE	3	m	t	0.27	2.49	0.01	0.6735
12	LEE	5	f	t	0.03	4.64	0.13	0.9548
Subtotal 12					0.11	7.13	0.14	
13	BROWN1	1	f	a	0.42	2.06	0.11	0.5451
14	GAO	4	f	t	0.17	27.35	0.01	0.3644
15	HUMBL1	1	m	t	1.43	1.75	2.69	0.0580
15	HUMBL1	3	f	t	0.85	3.43	1.48	0.1154
Subtotal 15					1.05	5.18	4.18	
16	KOO	2	f	t	0.44	12.88	0.76	0.1182
17	LAMT	1	f	t	0.50	30.63	2.90	0.0057
18	PERSHA	1	f	t	0.03	14.09	0.36	0.9022
19	BUTLER	1	f	t	0.89	1.88	0.92	0.2215
20	GENG	1	f	t	0.77	8.13	2.70	0.0285
21	INOUE	1	f	t	0.94	2.51	1.39	0.1377
22	SHIMIZ	2	f	t	0.08	14.20	0.18	0.7646
23	CHOI	1	m	t	1.00	1.30	0.86	0.2525
23	CHOI	2	f	t	0.49	11.99	1.04	0.0916
Subtotal 23					0.54	13.29	1.90	
24	HOLE	1	m	t	1.26	0.67	0.76	0.3028
24	HOLE	2	f	t	0.64	0.84	0.16	0.5613
Subtotal 24					0.91	1.50	0.93	
25	SVENSS	1	f	t	0.23	5.98	0.01	0.5677
26	JANERI	4	c	t	-0.29	18.99	4.37	0.2099
27	KALAND	2	f	t	0.48	11.10	0.92	0.1091
28	SOBUE	1	f	t	0.06	29.73	0.51	0.7379
29	WU-WIL	3	f	t	-0.23	61.33	11.12	0.0674
30	LIUZ	1	f	t	-0.30	5.63	1.38	0.4721
31	BROWN2	3	f	t	-0.03	78.65	3.82	0.8021
32	STOCKW	2	f	t	0.47	8.05	0.62	0.1824
33	DU	1	f	t	0.09	13.61	0.15	0.7506
34	LIUQ	1	f	t	0.51	5.71	0.57	0.2242
35	FONTHA	5	f	t	0.23	97.51	0.16	0.0212
36	LAYARD	1	m	t	0.38	4.18	0.14	0.4418
36	LAYARD	3	f	t	-0.46	9.06	3.87	0.1647
Subtotal 36					-0.20	13.24	4.01	
37	DEWAAR	1	f	t	0.94	3.07	1.73	0.0986
38	KABAT2	3	m	t	0.49	5.21	0.46	0.2627
38	KABAT2	5	f	t	0.09	11.53	0.11	0.7517

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Table 31  
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 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
Subtotal 38					0.22	16.74	0.58	
39	SCHWAR	7	c	t	0.17	30.21	0.02	0.3643
40	SUN	11	f	t	0.15	27.35	0.06	0.4448
41	WANGS	1	f	t	0.93	7.83	4.25	0.0093
42	WANGT	2	f	t	0.10	14.90	0.13	0.6978
43	CARDEN	11	m	t	-0.11	14.67	1.33	0.6783
43	CARDEN	9	f	t	0.19	34.59	0.00	0.2571
Subtotal 43					0.10	49.26	1.33	
44	ZHENG	1	m	t	-0.41	3.07	1.10	0.4776
44	ZHENG	2	f	t	0.93	5.43	2.92	0.0310
Subtotal 44					0.45	8.50	4.02	
45	AUVINE	1	m	t	0.14	8.70	0.02	0.6794
46	BOFFET	6	m	t	0.28	14.53	0.11	0.2843
46	BOFFET	8	f	t	0.02	78.71	2.31	0.8520
Subtotal 46					0.06	93.24	2.42	
47	SHEN	1	f	a	-0.29	5.07	1.20	0.5088
48	ZARIDZ	3	f	t	0.49	30.36	2.67	0.0071
49	BOFFE2	11	c	a	0.20	12.44	0.00	0.4743
50	JEE	3	f	t	0.59	10.42	1.63	0.0577
51	RAPITI	1	f	t	0.02	5.49	0.17	0.9685
52	SPEIZE	1	f	t	0.41	1.66	0.08	0.6016
53	ZHONG	1	f	t	0.05	63.63	1.29	0.6903
54	LEECH	7	f	t	0.54	37.41	4.61	0.0009
55	MALATS	11	c	t	0.53	14.42	1.68	0.0428
56	WANGL	33	m	t	-0.31	6.28	1.56	0.4440
56	WANGL	35	f	t	0.12	18.04	0.08	0.5975
Subtotal 56					0.01	24.32	1.64	
57	JOHNSO	7	f	t	0.24	11.94	0.03	0.4008
58	LAGARD	5	c	t	0.14	82.21	0.23	0.2052
59	NISHIN	1	f	t	0.18	5.96	0.00	0.6557
60	OHNO	5	f	t	0.01	23.97	0.83	0.9743
62	SEOW	1	f	t	0.26	34.66	0.14	0.1317
63	ENSTRO	3	m	t	-0.29	11.27	2.60	0.3341
63	ENSTRO	9	f	t	-0.01	37.13	1.52	0.9512
Subtotal 63					-0.07	48.40	4.12	
64	ZATLOU	3	f	g	-0.84	6.11	6.55	0.0372
65	IARCKR	3	m	t	-0.92	1.33	1.63	0.2910
65	IARCKR	1	f	t	-0.11	21.40	1.90	0.6259
Subtotal 65					-0.15	22.73	3.53	
66	MCGHEE	5	m	t	0.36	17.79	0.53	0.1240
66	MCGHEE	6	f	t	0.41	29.19	1.36	0.0276
Subtotal 66					0.39	46.98	1.89	
67	EPICA	7	c	t	-0.17	5.93	0.80	0.6711
68	FANG	1	f	t	1.01	22.75	15.14	0.0000
69	FRANCO	1	c	t	0.59	15.26	2.39	0.0216
70	GORLOV	1	m	t	0.34	5.29	0.12	0.4295
70	GORLOV	2	f	t	0.14	10.60	0.03	0.6491
Subtotal 70					0.21	15.89	0.15	
71	RYLAND	3	c	t	0.31	9.26	0.14	0.3380
72	WEN	1	f	t	0.09	25.43	0.29	0.6639
73	YU	8	f	t	0.13	15.48	0.06	0.6046
75	HILL1	1	m	t	-0.03	10.57	0.52	0.9211
75	HILL1	2	f	t	0.00	7.71	0.29	1.0000
Subtotal 75					-0.02	18.28	0.81	
76	HILL2	1	m	t	0.37	8.81	0.28	0.2702
76	HILL2	2	f	t	0.15	15.09	0.03	0.5642
Subtotal 76					0.23	23.90	0.31	
77	ASOMAN	4	c	t	-0.08	5.19	0.38	0.8609
78	GALLEG	1	c	t	2.08	1.77	6.30	0.0057
79	KURAHA	9	f	t	0.16	19.27	0.03	0.4951
80	YANG	1	c	t	0.18	20.54	0.00	0.4087
82	TSE	1	m	t	-0.03	24.32	1.15	0.8997
83	LIANG	2	f	t	0.37	30.07	0.95	0.0426
84	BRENNE	13	c	t	-0.92	25.66	31.69	0.0000
85	HOSSEI	13	m	t	-0.36	0.44	0.13	0.8113

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 31  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
85	HOSSEI	14	f	t	0.70	8.08	2.06	0.0476
Subtotal 85					0.64	8.52	2.19	
86	JIANG	8	m	t	1.27	4.71	5.43	0.0060
86	JIANG	9	f	t	0.81	11.36	4.36	0.0062
Subtotal 86					0.94	16.07	9.79	
88	LO	1	c	t	0.79	44.49	15.79	0.0000

Relative risks

	N	107
	NS	84
	Wt	1754.97
Het	Chi	198.04
Het	df	106
Het	P	***
Fixed	RR	1.21
	RRl	1.16
	RRu	1.27
	P	+++
Random	RR	1.25
	RRl	1.16
	RRu	1.34
	P	+++
Asymm	P	*

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 32  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3							2.04 ( 0.91-	4.61)
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20-	5.07)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
Subtotal 7							0.85 ( 0.34-	2.16)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
15	HUMBL1	2	m -	-	-	-	4.08 ( 0.70-	23.91)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
Subtotal 15							2.60 ( 1.04-	6.53)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)
26	JANERI	4	c -	-	-	-	0.75 ( 0.48-	1.18)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
36	LAYARD	2	m -	-	-	-	1.47 ( 0.55-	3.94)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
Subtotal 36							0.78 ( 0.45-	1.34)
38	KABAT2	4	m -	-	-	-	1.60 ( 0.67-	3.82)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
Subtotal 38							1.22 ( 0.75-	1.99)
39	SCHWAR	8	c -	-	-	-	1.10 ( 0.80-	1.60)
43	CARDEN	12	m -	-	-	-	1.10 ( 0.60-	1.80)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
Subtotal 43							1.17 ( 0.87-	1.57)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
63	ENSTRO	6	m -	-	-	-	0.63 ( 0.33-	1.22)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
Subtotal 63							0.86 ( 0.63-	1.17)
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10-	3.00)
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60-	3.30)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
Subtotal 70							1.23 ( 0.75-	2.01)
77	ASOMAN	4	c 25	96	9	32	0.93 ( 0.39-	2.19)
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83-	34.92)
80	YANG	2	c -	-	-	-	2.00 ( 1.30-	3.00)
84	BRENNE	13	c 50	247	101	199	0.40 ( 0.27-	0.59)
Partial Totals			356	95894	266	82595		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 32  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By continent - adjusted

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
12	LEE	4	m -	-	-	-	1.30 ( 0.38-	4.39)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
Subtotal 12							1.11 ( 0.51-	2.40)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
24	HOLE	3	c -	-	-	-	2.41 ( 0.45-	12.83)
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
45	AUVINE	2	m -	-	-	-	0.69 ( 0.28-	1.74)
46	BOFFET	7	m -	-	-	-	1.47 ( 0.81-	2.66)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
Subtotal 46							1.15 ( 0.93-	1.42)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50-	1.80)
55	MALATS	12	c -	-	-	-	1.50 ( 0.80-	2.60)
58	LAGARD	6	c -	-	-	-	1.15 ( 0.91-	1.45)
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
65	IARCKR	3	m -	-	-	-	0.40 ( 0.10-	3.00)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
Subtotal 65							0.76 ( 0.48-	1.20)
67	EPICA	7	c -	-	-	-	0.84 ( 0.38-	1.90)
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72-	2.61)
Partial Totals			72	240	28	176		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
6	HIRAYA	2	m -	-	-	-	2.25 ( 1.05-	4.76)
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
Subtotal 6							1.57 ( 1.14-	2.17)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
11	AKIBA	2	m -	-	-	-	1.80 ( 0.39-	6.96)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
Subtotal 11							1.53 ( 0.92-	2.55)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49-	15.21)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
Subtotal 23							1.71 ( 1.00-	2.93)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44							1.56 ( 0.80-	3.06)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
50	JEE	4	f -	-	-	-	1.72 ( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80-	1.50)
54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)
56	WANGL	34	m -	-	-	-	0.56 ( 0.20-	1.40)
56	WANGL	36	f -	-	-	-	1.03 ( 0.60-	1.70)
Subtotal 56							0.90 ( 0.57-	1.42)

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- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

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Table 32  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By continent - adjusted

Asia

StN	Ref	NRR	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
59	NISHIN	2	f -	-	-	-	1.80	( 0.67- 4.60)
60	OHNO	6	f -	-	-	-	1.00	( 0.67- 1.49)
62	SEOW	1	f 91	300	85	362	1.29	( 0.93- 1.80)
66	MCGHEE	1	m -	-	-	-	1.34	( 0.82- 2.17)
66	MCGHEE	2	f -	-	-	-	1.38	( 0.94- 2.04)
Subtotal 66							1.36	( 1.01- 1.85)
68	FANG	2	f -	-	-	-	1.77	( 1.07- 2.92)
72	WEN	1	f -	-	-	-	1.09	( 0.74- 1.61)
73	YU	1	f -	-	-	-	1.35	( 0.70- 2.63)
79	KURAHA	10	f -	-	-	-	1.26	( 0.78- 2.03)
82	TSE	10	m -	-	-	-	0.90	( 0.57- 1.41)
83	LIANG	2	f141	149	85	130	1.45	( 1.01- 2.07)
85	HOSSEI	13	m 0	4	26	166	0.70~	( 0.04- 13.34)
85	HOSSEI	14	f 21	28	34	91	2.01	( 1.01- 4.00)
Subtotal 85							1.90	( 0.97- 3.72)
86	JIANG	1	c -	-	-	-	2.27	( 1.23- 4.18)
88	LO	2	c -	-	-	-	2.24	( 1.70- 2.96)
Partial Totals			908	1542	606	1634		

\*prospective study

~ With 0.5 adjustment for zero

Other

StN	Ref	NRR	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
75	HILL1	3	m -	-	-	-	1.08	( 0.56- 2.09)
75	HILL1	2	f -	-	-	-	1.00	( 0.49- 2.01)
Subtotal 75							1.04	( 0.64- 1.69)
76	HILL2	1	m -	-	-	-	1.45	( 0.75- 2.81)
76	HILL2	3	f -	-	-	-	1.38	( 0.78- 2.41)
Subtotal 76							1.41	( 0.92- 2.16)
Partial Totals			0	0	0	0		

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

N	35	20	46	4	105
NS	26	17	39	2	84
Wt	536.41	297.24	774.98	37.45	1646.08
Het Chi	70.78	24.31	99.49	0.88	202.32
Het df	34	19	45	3	104
Het P	***	N.S.	***	N.S.	***
Fixed RR	1.10	1.20	1.28	1.23	1.20
RRl	1.01	1.07	1.19	0.90	1.14
RRu	1.20	1.34	1.37	1.70	1.26
P	+	++	+++	N.S.	+++
Random RR	1.13	1.21	1.34	1.23	1.25
RRl	0.98	1.05	1.20	0.90	1.15
RRu	1.31	1.40	1.51	1.70	1.34
P	(+)	++	+++	N.S.	+++
Asymm P	N.S.	N.S.	(*)	N.S.	(*)
Between Chi		1.35	6.84	0.45	6.86
Between df		1	1	1	3
Between P		N.S.	++	N.S.	(*)

-----  
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- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 33  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3							2.04 ( 0.91-	4.61)
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20-	5.07)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
Subtotal 7							0.85 ( 0.34-	2.16)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
10	WU	2	f 19	33	9	22	1.41 ( 0.54-	3.67)
13	BROWN1	1	f 4	7	15	40	1.52 ( 0.39-	5.96)
15	HUMBL1	1	m 5	37	3	93	4.19 ( 0.95-	18.42)
15	HUMBL1	3	f 15	91	5	71	2.34 ( 0.81-	6.75)
Subtotal 15							2.85 ( 1.20-	6.74)
19	BUTLER	1	f 3	10579	5	43052	2.44 ( 0.58-	10.22)
26	JANERI	4	c -	-	-	-	0.75 ( 0.48-	1.18)
31	BROWN2	3	f218	598	213	568	0.97 ( 0.78-	1.21)
32	STOCKW	2	f 44	55	18	36	1.60 ( 0.80-	3.19)
35	FONTHA	5	f433	766	218	487	1.26 ( 1.04-	1.54)
36	LAYARD	1	m 6	215	15	783	1.46 ( 0.56-	3.80)
36	LAYARD	3	f 15	961	24	969	0.63 ( 0.33-	1.21)
Subtotal 36							0.82 ( 0.48-	1.41)
38	KABAT2	3	m 11	19	28	79	1.63 ( 0.69-	3.85)
38	KABAT2	5	f 41	102	26	71	1.10 ( 0.62-	1.96)
Subtotal 38							1.24 ( 0.77-	2.01)
39	SCHWAR	7	c172	175	85	102	1.18 ( 0.83-	1.68)
43	CARDEN	11	m 18	19549	79	76993	0.90 ( 0.54-	1.50)
43	CARDEN	9	f 96	114286	54	77948	1.21 ( 0.87-	1.69)
Subtotal 43							1.11 ( 0.84-	1.47)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
57	JOHNSO	7	f 54	543	17	218	1.28 ( 0.72-	2.25)
63	ENSTRO	3	m -	-	-	-	0.75 ( 0.42-	1.35)
63	ENSTRO	9	f -	-	-	-	0.99 ( 0.72-	1.37)
Subtotal 63							0.93 ( 0.70-	1.23)
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10-	3.00)
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60-	3.30)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
Subtotal 70							1.23 ( 0.75-	2.01)
77	ASOMAN	4	c 25	96	9	32	0.93 ( 0.39-	2.19)
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83-	34.92)
80	YANG	1	c -	-	-	-	1.20 ( 0.80-	1.90)
84	BRENNE	13	c 50	247	101	199	0.40 ( 0.27-	0.59)
Partial Totals			1510	243910	1080	284127		

\*prospective study

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

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Table 33  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By continent - unadjusted

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
12	LEE	3	m 8	14	7	16	1.31 ( 0.38-	4.52)
12	LEE	5	f 22	45	10	21	1.03 ( 0.41-	2.55)
Subtotal 12							1.12 ( 0.54-	2.33)
18	PERSHA	1	f 37	153	33	141	1.03 ( 0.61-	1.74)
24	HOLE	1	m 2	243	1	428	3.52 ( 0.32-	38.65)
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22-	16.12)
Subtotal 24							2.49 ( 0.50-	12.31)
25	SVENSS	1	f 24	114	10	60	1.26 ( 0.57-	2.81)
27	KALAND	2	f 64	70	26	46	1.62 ( 0.90-	2.91)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
45	AUVINE	1	m 17	81	27	148	1.15 ( 0.59-	2.24)
46	BOFFET	6	m 23	68	118	462	1.32 ( 0.79-	2.21)
46	BOFFET	8	f321	632	187	376	1.02 ( 0.82-	1.27)
Subtotal 46							1.06 ( 0.87-	1.30)
48	ZARIDZ	3	f109	163	80	195	1.63 ( 1.14-	2.33)
49	BOFFE2	11	c 33	75	37	103	1.22 ( 0.70-	2.14)
55	MALATS	11	c 58	42	64	79	1.70 ( 1.02-	2.86)
58	LAGARD	5	c179	611	254	997	1.15 ( 0.93-	1.43)
64	ZATLOU	3	f 7	155	77	734	0.43 ( 0.19-	0.95)
65	IARCKR	3	m -	-	-	-	0.40 ( 0.10-	3.00)
65	IARCKR	1	f -	-	-	-	0.90 ( 0.60-	1.40)
Subtotal 65							0.86 ( 0.57-	1.29)
67	EPICA	7	c -	-	-	-	0.84 ( 0.38-	1.90)
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72-	2.61)
Partial Totals			981	4001	960	4471		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
6	HIRAYA	1	m 7	1010	57	19279	2.34 ( 1.07-	5.13)
6	HIRAYA	7	f163	69645	37	21895	1.38 ( 0.97-	1.98)
Subtotal 6							1.52 ( 1.10-	2.10)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
11	AKIBA	1	m 3	9	16	101	2.10 ( 0.51-	8.61)
11	AKIBA	3	f 73	188	21	82	1.52 ( 0.87-	2.63)
Subtotal 11							1.58 ( 0.95-	2.64)
14	GAO	4	f189	276	57	99	1.19 ( 0.82-	1.73)
16	KOO	2	f 51	66	35	70	1.55 ( 0.90-	2.67)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	1	f 18	30	4	17	2.55 ( 0.74-	8.78)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49-	15.21)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
Subtotal 23							1.71 ( 1.00-	2.93)
28	SOBUE	1	f 80	395	64	336	1.06 ( 0.74-	1.52)
29	WU-WIL	3	f205	331	212	271	0.79 ( 0.62-	1.02)
30	LIUZ	1	f 45	176	9	26	0.74 ( 0.32-	1.69)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	1	f 25	37	13	32	1.66 ( 0.73-	3.78)
40	SUN	11	f144	136	86	94	1.16 ( 0.80-	1.68)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44							1.56 ( 0.80-	3.06)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
50	JEE	3	f 67	-	12	-	1.80 ( 0.98-	3.30)
51	RAPITI	1	f 13	21	28	46	1.02 ( 0.44-	2.35)
53	ZHONG	1	f322	377	182	224	1.05 ( 0.82-	1.34)
54	LEECH	7	f186	253	82	192	1.72 ( 1.25-	2.37)
56	WANGL	33	m 14	57	19	57	0.74 ( 0.34-	1.61)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 33  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By continent - unadjusted

Asia

StN	Ref	NRR	Case	Exposed Cont	Case	Non-exposed Cont	RR	95.00%CI
56	WANGL	35	f169	337	31	70	1.13	( 0.71- 1.80)
Subtotal 56							1.01	( 0.68- 1.51)
59	NISHIN	1	f 11	30566	13	43361	1.20	( 0.54- 2.68)
60	OHNO	5	f139	239	52	90	1.01	( 0.67- 1.50)
62	SEOW	1	f 91	300	85	362	1.29	( 0.93- 1.80)
66	MCGHEE	5	m 33	71	112	347	1.44	( 0.90- 2.29)
66	MCGHEE	6	f 96	150	83	195	1.50	( 1.05- 2.16)
Subtotal 66							1.48	( 1.11- 1.97)
68	FANG	1	f -	-	-	-	2.74	( 1.82- 4.14)
72	WEN	1	f -	-	-	-	1.09	( 0.74- 1.61)
73	YU	8	f183	246	30	46	1.14	( 0.69- 1.88)
79	KURAHA	9	f 84	280346	25	97466	1.17	( 0.75- 1.83)
82	TSE	1	m 47	194	85	342	0.97	( 0.66- 1.45)
83	LIANG	2	f141	149	85	130	1.45	( 1.01- 2.07)
85	HOSSEI	13	m 0	4	26	166	0.70~	( 0.04- 13.34)
85	HOSSEI	14	f 21	28	34	91	2.01	( 1.01- 4.00)
Subtotal 85							1.90	( 0.97- 3.72)
86	JIANG	8	m 23	10	24	37	3.55	( 1.44- 8.75)
86	JIANG	9	f 67	48	31	50	2.25	( 1.26- 4.03)
Subtotal 86							2.57	( 1.58- 4.19)
88	LO	1	c366	293	96	169	2.20	( 1.64- 2.95)
Partial Totals			3731	387049	2122	186628		

\*prospective study

~ With 0.5 adjustment for zero

Other

StN	Ref	NRR	Case	Exposed Cont	Case	Non-exposed Cont	RR	95.00%CI
75	HILL1	1	m -	-	-	-	0.97	( 0.53- 1.77)
75	HILL1	2	f -	-	-	-	1.00	( 0.49- 2.01)
Subtotal 75							0.98	( 0.62- 1.55)
76	HILL2	1	m -	-	-	-	1.45	( 0.75- 2.81)
76	HILL2	2	f -	-	-	-	1.16	( 0.70- 1.92)
Subtotal 76							1.26	( 0.84- 1.88)
Partial Totals			0	0	0	0		

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

	N	35	21	47	4	107
	NS	26	17	39	2	84
	Wt	549.78	341.07	821.94	42.18	1754.97
	Het Chi	63.87	25.66	94.87	0.92	198.04
	Het df	34	20	46	3	106
	Het P	**	N.S.	***	N.S.	***
Fixed	RR	1.09	1.19	1.32	1.13	1.21
	RR1	1.00	1.07	1.23	0.84	1.16
	RRu	1.18	1.32	1.41	1.53	1.27
	P	+	++	+++	N.S.	+++
Random	RR	1.11	1.21	1.36	1.13	1.25
	RR1	0.97	1.06	1.22	0.84	1.16
	RRu	1.27	1.39	1.51	1.53	1.34
	P	N.S.	++	+++	N.S.	+++
Asymm	P	N.S.	N.S.	N.S.	N.S.	*
Between	Chi		1.60	12.29	0.06	12.72
Between	df		1	1	1	3
Between	P		N.S.	+++	N.S.	**

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 34  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By country within Asia - adjusted

Japan									
StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
6	HIRAYA	2	m -	-	-	-	2.25	( 1.05-	4.76)
6	HIRAYA	8	f -	-	-	-	1.45	( 1.02-	2.08)
Subtotal 6							1.57	( 1.14-	2.17)
11	AKIBA	2	m -	-	-	-	1.80	( 0.39-	6.96)
11	AKIBA	4	f -	-	-	-	1.50	( 0.93-	2.76)
Subtotal 11							1.53	( 0.92-	2.55)
21	INOUE	2	f -	-	-	-	2.25	( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08	( 0.64-	1.82)
28	SOBUE	2	f -	-	-	-	1.13	( 0.78-	1.63)
59	NISHIN	2	f -	-	-	-	1.80	( 0.67-	4.60)
60	OHNO	6	f -	-	-	-	1.00	( 0.67-	1.49)
79	KURAHA	10	f -	-	-	-	1.26	( 0.78-	2.03)
Partial Totals			52	91	38	72			

\*prospective study

HongKong									
StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
2	CHAN	1	f 34	66	50	73	0.75	( 0.43-	1.30)
9	LAMW	1	f 37	64	23	80	2.01	( 1.09-	3.72)
16	KOO	3	f -	-	-	-	1.64	( 0.87-	3.09)
17	LAMT	1	f 115	152	84	183	1.65	( 1.16-	2.35)
66	MCGHEE	1	m -	-	-	-	1.34	( 0.82-	2.17)
66	MCGHEE	2	f -	-	-	-	1.38	( 0.94-	2.04)
Subtotal 66							1.36	( 1.01-	1.85)
73	YU	1	f -	-	-	-	1.35	( 0.70-	2.63)
82	TSE	10	m -	-	-	-	0.90	( 0.57-	1.41)
Partial Totals			186	282	157	336			

\*prospective study

China									
StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
14	GAO	8	f -	-	-	-	1.30	( 0.87-	1.94)
20	GENG	1	f 34	41	20	52	2.16	( 1.08-	4.29)
29	WU-WIL	4	f -	-	-	-	0.70	( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77	( 0.30-	1.96)
33	DU	1	f 47	154	28	100	1.09	( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72	( 0.77-	3.87)
40	SUN	2	f -	-	-	-	1.16	( 0.80-	1.69)
41	WANGS	1	f 67	60	15	34	2.53	( 1.26-	5.10)
42	WANGT	2	f 92	89	43	46	1.11	( 0.67-	1.84)
44	ZHENG	1	m 8	12	17	17	0.67	( 0.22-	2.04)
44	ZHENG	2	f 62	179	7	51	2.52	( 1.09-	5.85)
Subtotal 44							1.56	( 0.80-	3.06)
47	SHEN	1	f 56	59	14	11	0.75	( 0.31-	1.78)
53	ZHONG	2	f -	-	-	-	1.10	( 0.80-	1.50)
56	WANGL	34	m -	-	-	-	0.56	( 0.20-	1.40)
56	WANGL	36	f -	-	-	-	1.03	( 0.60-	1.70)
Subtotal 56							0.90	( 0.57-	1.42)
68	FANG	2	f -	-	-	-	1.77	( 1.07-	2.92)
72	WEN	1	f -	-	-	-	1.09	( 0.74-	1.61)
83	LIANG	2	f 141	149	85	130	1.45	( 1.01-	2.07)
86	JIANG	1	c -	-	-	-	2.27	( 1.23-	4.18)
Partial Totals			507	743	229	441			

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 34  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By country within Asia - adjusted

Other		NRR	Number Exposed		Non-exposed		RR	95.00%CI	
StN	Ref		Case	Cont	Case	Cont			
23	CHOI	1	m 2	6	11	90	2.73	( 0.49-	15.21)
23	CHOI	2	f 49	88	26	76	1.63	( 0.92-	2.87)
Subtotal 23							1.71	( 1.00-	2.93)
50	JEE	4	f -	-	-	-	1.72	( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20	( 0.50-	2.90)
54	LEECH	8	f -	-	-	-	1.87	( 1.29-	2.71)
62	SEOW	1	f 91	300	85	362	1.29	( 0.93-	1.80)
85	HOSSEI	13	m 0	4	26	166	0.70~	( 0.04-	13.34)
85	HOSSEI	14	f 21	28	34	91	2.01	( 1.01-	4.00)
Subtotal 85							1.90	( 0.97-	3.72)
88	LO	2	c -	-	-	-	2.24	( 1.70-	2.96)
Partial Totals			163	426	182	785			

\*prospective study

~ With 0.5 adjustment for zero

Relative risks		Japan	HongKong	China	Other	Total
	N	10	8	19	9	46
	NS	8	7	17	7	39
	Wt	141.88	132.37	351.27	149.47	774.98
Het	Chi	6.75	10.61	48.97	7.89	99.49
Het	df	9	7	18	8	45
Het	P	N.S.	N.S.	***	N.S.	***
Fixed	RR	1.29	1.32	1.09	1.77	1.28
	RRl	1.09	1.12	0.98	1.51	1.19
	RRu	1.52	1.57	1.21	2.08	1.37
	P	++	++	N.S.	+++	+++
Random	RR	1.29	1.31	1.23	1.77	1.34
	RRl	1.09	1.06	1.01	1.51	1.20
	RRu	1.52	1.63	1.49	2.08	1.51
	P	++	+	+	+++	+++
Asymm	P	(*)	N.S.	*	N.S.	(*)
Between	Chi		0.05	2.89	7.41	25.27
Between	df		1	1	1	3
Between	P		N.S.	(-)	++	***

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 35  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By region within Europe - adjusted

Western

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	4	m -	-	-	-	1.30	( 0.38- 4.39)
12	LEE	6	f -	-	-	-	1.00	( 0.37- 2.71)
Subtotal 12							1.11	( 0.51- 2.40)
18	PERSHA	2	f -	-	-	-	1.20	( 0.70- 2.10)
24	HOLE	3	c -	-	-	-	2.41	( 0.45- 12.83)
25	SVENSS	5	f -	-	-	-	1.36	( 0.53- 3.49)
37	DEWAAR	1	f 19	124	4	67	2.57	( 0.84- 7.85)
45	AUVINE	2	m -	-	-	-	0.69	( 0.28- 1.74)
46	BOFFET	7	m -	-	-	-	1.47	( 0.81- 2.66)
46	BOFFET	9	f -	-	-	-	1.11	( 0.88- 1.39)
Subtotal 46							1.15	( 0.93- 1.42)
58	LAGARD	6	c -	-	-	-	1.15	( 0.91- 1.45)
65	IARCKR	3	m -	-	-	-	0.40	( 0.10- 3.00)
65	IARCKR	2	f -	-	-	-	0.80	( 0.50- 1.30)
Subtotal 65							0.76	( 0.48- 1.20)
67	EPICA	7	c -	-	-	-	0.84	( 0.38- 1.90)
71	RYLAND	3	c -	-	-	-	1.37	( 0.72- 2.61)
Partial Totals			19	124	4	67		

\*prospective study

Other

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
4	TRICHO	1	f 53	116	24	109	2.08	( 1.20- 3.59)
27	KALAND	3	f -	-	-	-	2.11	( 1.09- 4.08)
48	ZARIDZ	4	f -	-	-	-	1.53	( 1.06- 2.21)
49	BOFFE2	12	c -	-	-	-	1.00	( 0.50- 1.80)
55	MALATS	12	c -	-	-	-	1.50	( 0.80- 2.60)
64	ZATLOU	6	f -	-	-	-	0.48	( 0.21- 1.09)
Partial Totals			53	116	24	109		

\*prospective study

Western      Other      Total

Relative risks

N	14	6	20
NS	11	6	17
Wt	221.09	76.14	297.24
Het Chi	9.37	11.19	24.31
Het df	13	5	19
Het P	N.S.	*	N.S.
Fixed RR	1.12	1.45	1.20
RR1	0.98	1.16	1.07
RRu	1.28	1.82	1.34
P	(+)	++	++
Random RR	1.12	1.38	1.21
RR1	0.98	0.97	1.05
RRu	1.28	1.97	1.40
P	(+)	(+)	++
Asymm P	N.S.	N.S.	N.S.
Between Chi		3.75	3.75
Between df		1	1
Between P		(+)	(*)

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 36  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By publication year (3 groups) - adjusted

1981-89

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3							2.04 ( 0.91-	4.61)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
6	HIRAYA	2	m -	-	-	-	2.25 ( 1.05-	4.76)
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
Subtotal 6							1.57 ( 1.14-	2.17)
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20-	5.07)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
Subtotal 7							0.85 ( 0.34-	2.16)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
11	AKIBA	2	m -	-	-	-	1.80 ( 0.39-	6.96)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
Subtotal 11							1.53 ( 0.92-	2.55)
12	LEE	4	m -	-	-	-	1.30 ( 0.38-	4.39)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
Subtotal 12							1.11 ( 0.51-	2.40)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
15	HUMBL1	2	m -	-	-	-	4.08 ( 0.70-	23.91)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
Subtotal 15							2.60 ( 1.04-	6.53)
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49-	15.21)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
Subtotal 23							1.71 ( 1.00-	2.93)
24	HOLE	3	c -	-	-	-	2.41 ( 0.45-	12.83)
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
Partial Totals			627	96085	430	83051		

\*prospective study

1990-99

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
26	JANERI	4	c -	-	-	-	0.75 ( 0.48-	1.18)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
36	LAYARD	2	m -	-	-	-	1.47 ( 0.55-	3.94)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
Subtotal 36							0.78 ( 0.45-	1.34)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
38	KABAT2	4	m -	-	-	-	1.60 ( 0.67-	3.82)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
Subtotal 38							1.22 ( 0.75-	1.99)
39	SCHWAR	8	c -	-	-	-	1.10 ( 0.80-	1.60)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 36  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By publication year (3 groups) - adjusted

1990-99

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
40	SUN	2	f -	-	-	-	1.16	( 0.80- 1.69)
41	WANGS	1	f 67	60	15	34	2.53	( 1.26- 5.10)
42	WANGT	2	f 92	89	43	46	1.11	( 0.67- 1.84)
43	CARDEN	12	m -	-	-	-	1.10	( 0.60- 1.80)
43	CARDEN	10	f -	-	-	-	1.20	( 0.80- 1.60)
Subtotal 43							1.17	( 0.87- 1.57)
44	ZHENG	1	m 8	12	17	17	0.67	( 0.22- 2.04)
44	ZHENG	2	f 62	179	7	51	2.52	( 1.09- 5.85)
Subtotal 44							1.56	( 0.80- 3.06)
45	AUVINE	2	m -	-	-	-	0.69	( 0.28- 1.74)
46	BOFFET	7	m -	-	-	-	1.47	( 0.81- 2.66)
46	BOFFET	9	f -	-	-	-	1.11	( 0.88- 1.39)
Subtotal 46							1.15	( 0.93- 1.42)
47	SHEN	1	f 56	59	14	11	0.75	( 0.31- 1.78)
48	ZARIDZ	4	f -	-	-	-	1.53	( 1.06- 2.21)
49	BOFFE2	12	c -	-	-	-	1.00	( 0.50- 1.80)
50	JEE	4	f -	-	-	-	1.72	( 0.93- 3.18)
51	RAPITI	2	f -	-	-	-	1.20	( 0.50- 2.90)
52	SPEIZE	1	f -	-	-	-	1.50	( 0.30- 6.30)
53	ZHONG	2	f -	-	-	-	1.10	( 0.80- 1.50)
Partial Totals			351	677	128	326		

\*prospective study

2000-

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
54	LEECH	8	f -	-	-	-	1.87	( 1.29- 2.71)
55	MALATS	12	c -	-	-	-	1.50	( 0.80- 2.60)
56	WANGL	34	m -	-	-	-	0.56	( 0.20- 1.40)
56	WANGL	36	f -	-	-	-	1.03	( 0.60- 1.70)
Subtotal 56							0.90	( 0.57- 1.42)
57	JOHNSO	8	f -	-	-	-	1.20	( 0.62- 2.30)
58	LAGARD	6	c -	-	-	-	1.15	( 0.91- 1.45)
59	NISHIN	2	f -	-	-	-	1.80	( 0.67- 4.60)
60	OHNO	6	f -	-	-	-	1.00	( 0.67- 1.49)
62	SEOW	1	f 91	300	85	362	1.29	( 0.93- 1.80)
63	ENSTRO	6	m -	-	-	-	0.63	( 0.33- 1.22)
63	ENSTRO	12	f -	-	-	-	0.94	( 0.66- 1.33)
Subtotal 63							0.86	( 0.63- 1.17)
64	ZATLOU	6	f -	-	-	-	0.48	( 0.21- 1.09)
65	IARCKR	3	m -	-	-	-	0.40	( 0.10- 3.00)
65	IARCKR	2	f -	-	-	-	0.80	( 0.50- 1.30)
Subtotal 65							0.76	( 0.48- 1.20)
66	MCGHEE	1	m -	-	-	-	1.34	( 0.82- 2.17)
66	MCGHEE	2	f -	-	-	-	1.38	( 0.94- 2.04)
Subtotal 66							1.36	( 1.01- 1.85)
67	EPICA	7	c -	-	-	-	0.84	( 0.38- 1.90)
68	FANG	2	f -	-	-	-	1.77	( 1.07- 2.92)
69	FRANCO	1	c -	-	-	-	1.80	( 1.10- 3.00)
70	GORLOV	1	m -	-	-	-	1.41	( 0.60- 3.30)
70	GORLOV	2	f -	-	-	-	1.15	( 0.63- 2.10)
Subtotal 70							1.23	( 0.75- 2.01)
71	RYLAND	3	c -	-	-	-	1.37	( 0.72- 2.61)
72	WEN	1	f -	-	-	-	1.09	( 0.74- 1.61)
73	YU	1	f -	-	-	-	1.35	( 0.70- 2.63)
75	HILL1	3	m -	-	-	-	1.08	( 0.56- 2.09)
75	HILL1	2	f -	-	-	-	1.00	( 0.49- 2.01)
Subtotal 75							1.04	( 0.64- 1.69)
76	HILL2	1	m -	-	-	-	1.45	( 0.75- 2.81)
76	HILL2	3	f -	-	-	-	1.38	( 0.78- 2.41)
Subtotal 76							1.41	( 0.92- 2.16)
77	ASOMAN	4	c 25	96	9	32	0.93	( 0.39- 2.19)
78	GALLEG	1	c 30	90	2	48	8.00	( 1.83- 34.92)
79	KURAHA	10	f -	-	-	-	1.26	( 0.78- 2.03)
80	YANG	2	c -	-	-	-	2.00	( 1.30- 3.00)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 36  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By publication year (3 groups) - adjusted

2000-

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
82	TSE	10	m -	-	-	-	0.90 ( 0.57- 1.41)	
83	LIANG	2	f141	149	85	130	1.45 ( 1.01- 2.07)	
84	BRENNE	13	c 50	247	101	199	0.40 ( 0.27- 0.59)	
85	HOSSEI	13	m 0	4	26	166	0.70~( 0.04- 13.34)	
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01- 4.00)	
Subtotal 85							1.90 ( 0.97- 3.72)	
86	JIANG	1	c -	-	-	-	2.27 ( 1.23- 4.18)	
88	LO	2	c -	-	-	-	2.24 ( 1.70- 2.96)	
Partial Totals			358	914	342	1028		

\*prospective study

~ With 0.5 adjustment for zero

		1981-89	1990-99	2000-	Total
Relative risks	N	33	33	39	105
	NS	25	28	31	84
	Wt	304.77	713.48	627.83	1646.08
	Het Chi	26.36	56.70	104.32	202.32
	Het df	32	32	38	104
	Het P	N.S.	**	***	***
Fixed	RR	1.40	1.09	1.25	1.20
	RRl	1.25	1.01	1.15	1.14
	RRu	1.57	1.17	1.35	1.26
	P	+++	+	+++	+++
Random	RR	1.40	1.15	1.22	1.25
	RRl	1.25	1.02	1.06	1.15
	RRu	1.57	1.28	1.40	1.34
	P	+++	+	++	+++
Asymm	P	N.S.	(*)	N.S.	(*)
Between	Chi		13.58	2.82	14.95
Between	df		1	1	2
Between	P		---	(-)	***

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 37  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By publication year (7 groups) - adjusted

1981-86

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3							2.04 ( 0.91-	4.61)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
6	HIRAYA	2	m -	-	-	-	2.25 ( 1.05-	4.76)
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
Subtotal 6							1.57 ( 1.14-	2.17)
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20-	5.07)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
Subtotal 7							0.85 ( 0.34-	2.16)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
11	AKIBA	2	m -	-	-	-	1.80 ( 0.39-	6.96)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
Subtotal 11							1.53 ( 0.92-	2.55)
12	LEE	4	m -	-	-	-	1.30 ( 0.38-	4.39)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
Subtotal 12							1.11 ( 0.51-	2.40)
Partial Totals			375	95707	251	82578		

\*prospective study

1987-89

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
15	HUMBL1	2	m -	-	-	-	4.08 ( 0.70-	23.91)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
Subtotal 15							2.60 ( 1.04-	6.53)
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49-	15.21)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
Subtotal 23							1.71 ( 1.00-	2.93)
24	HOLE	3	c -	-	-	-	2.41 ( 0.45-	12.83)
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
Partial Totals			252	378	179	473		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 37  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By publication year (7 groups) - adjusted

1990-94

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
26	JANERI	4	c -	-	-	-	0.75 ( 0.48- 1.18)	
27	KALAND	3	f -	-	-	-	2.11 ( 1.09- 4.08)	
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78- 1.63)	
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60- 0.90)	
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30- 1.96)	
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80- 1.20)	
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80- 3.00)	
33	DU	1	f 47	154	28	100	1.09 ( 0.64- 1.85)	
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77- 3.87)	
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04- 1.60)	
36	LAYARD	2	m -	-	-	-	1.47 ( 0.55- 3.94)	
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30- 1.13)	
Subtotal 36							0.78 ( 0.45- 1.34)	
Partial Totals			47	154	28	100		

\*prospective study

1995-98

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84- 7.85)	
38	KABAT2	4	m -	-	-	-	1.60 ( 0.67- 3.82)	
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60- 1.94)	
Subtotal 38							1.22 ( 0.75- 1.99)	
39	SCHWAR	8	c -	-	-	-	1.10 ( 0.80- 1.60)	
40	SUN	2	f -	-	-	-	1.16 ( 0.80- 1.69)	
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26- 5.10)	
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67- 1.84)	
43	CARDEN	12	m -	-	-	-	1.10 ( 0.60- 1.80)	
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80- 1.60)	
Subtotal 43							1.17 ( 0.87- 1.57)	
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22- 2.04)	
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09- 5.85)	
Subtotal 44							1.56 ( 0.80- 3.06)	
45	AUVINE	2	m -	-	-	-	0.69 ( 0.28- 1.74)	
46	BOFFET	7	m -	-	-	-	1.47 ( 0.81- 2.66)	
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88- 1.39)	
Subtotal 46							1.15 ( 0.93- 1.42)	
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31- 1.78)	
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06- 2.21)	
Partial Totals			304	523	100	226		

\*prospective study

1999-2002

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50- 1.80)	
50	JEE	4	f -	-	-	-	1.72 ( 0.93- 3.18)	
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50- 2.90)	
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30- 6.30)	
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80- 1.50)	
54	LEECH	8	f -	-	-	-	1.87 ( 1.29- 2.71)	
55	MALATS	12	c -	-	-	-	1.50 ( 0.80- 2.60)	
56	WANGL	34	m -	-	-	-	0.56 ( 0.20- 1.40)	
56	WANGL	36	f -	-	-	-	1.03 ( 0.60- 1.70)	
Subtotal 56							0.90 ( 0.57- 1.42)	
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62- 2.30)	
58	LAGARD	6	c -	-	-	-	1.15 ( 0.91- 1.45)	
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67- 4.60)	
60	OHNO	6	f -	-	-	-	1.00 ( 0.67- 1.49)	
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93- 1.80)	
Partial Totals			91	300	85	362		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 37  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By publication year (7 groups) - adjusted

2003-06

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
63	ENSTRO	6	m	-	-	-	0.63	( 0.33-	1.22)
63	ENSTRO	12	f	-	-	-	0.94	( 0.66-	1.33)
Subtotal 63							0.86	( 0.63-	1.17)
64	ZATLOU	6	f	-	-	-	0.48	( 0.21-	1.09)
65	IARCKR	3	m	-	-	-	0.40	( 0.10-	3.00)
65	IARCKR	2	f	-	-	-	0.80	( 0.50-	1.30)
Subtotal 65							0.76	( 0.48-	1.20)
66	MCGHEE	1	m	-	-	-	1.34	( 0.82-	2.17)
66	MCGHEE	2	f	-	-	-	1.38	( 0.94-	2.04)
Subtotal 66							1.36	( 1.01-	1.85)
67	EPICA	7	c	-	-	-	0.84	( 0.38-	1.90)
68	FANG	2	f	-	-	-	1.77	( 1.07-	2.92)
69	FRANCO	1	c	-	-	-	1.80	( 1.10-	3.00)
70	GORLOV	1	m	-	-	-	1.41	( 0.60-	3.30)
70	GORLOV	2	f	-	-	-	1.15	( 0.63-	2.10)
Subtotal 70							1.23	( 0.75-	2.01)
71	RYLAND	3	c	-	-	-	1.37	( 0.72-	2.61)
72	WEN	1	f	-	-	-	1.09	( 0.74-	1.61)
73	YU	1	f	-	-	-	1.35	( 0.70-	2.63)
Partial Totals			0	0	0	0			

\*prospective study

2007 onwards

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI		
			Case	Cont	Case	Cont				
75	HILL1	3	m	-	-	-	1.08	( 0.56-	2.09)	
75	HILL1	2	f	-	-	-	1.00	( 0.49-	2.01)	
Subtotal 75							1.04	( 0.64-	1.69)	
76	HILL2	1	m	-	-	-	1.45	( 0.75-	2.81)	
76	HILL2	3	f	-	-	-	1.38	( 0.78-	2.41)	
Subtotal 76							1.41	( 0.92-	2.16)	
77	ASOMAN	4	c	25	96	9	32	0.93	( 0.39-	2.19)
78	GALLEG	1	c	30	90	2	48	8.00	( 1.83-	34.92)
79	KURAHA	10	f	-	-	-	-	1.26	( 0.78-	2.03)
80	YANG	2	c	-	-	-	-	2.00	( 1.30-	3.00)
82	TSE	10	m	-	-	-	-	0.90	( 0.57-	1.41)
83	LIANG	2	f	141	149	85	130	1.45	( 1.01-	2.07)
84	BRENNE	13	c	50	247	101	199	0.40	( 0.27-	0.59)
85	HOSSEI	13	m	0	4	26	166	0.70~	( 0.04-	13.34)
85	HOSSEI	14	f	21	28	34	91	2.01	( 1.01-	4.00)
Subtotal 85								1.90	( 0.97-	3.72)
86	JIANG	1	c	-	-	-	-	2.27	( 1.23-	4.18)
88	LO	2	c	-	-	-	-	2.24	( 1.70-	2.96)
Partial Totals			267	614	257	666				

\*prospective study

~ With 0.5 adjustment for zero

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 37  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes

By publication year (7 groups) - adjusted  
 1981-86    1987-89    1990-94    1995-98    1999-2002    2003-06    2007 onwa    Total

Relative risks

	N	18	15	12	16	14	15	15	105
NS	12	13	11	12	13	11	12	84	
Wt	175.80	128.97	371.19	277.24	264.81	201.65	226.41	1646.08	
Het Chi	17.53	7.22	31.39	16.31	12.42	21.03	69.39	202.32	
Het df	17	14	11	15	13	14	14	104	
Het P	N.S.	N.S.	***	N.S.	N.S.	N.S.	***	***	
Fixed RR	1.32	1.53	0.99	1.21	1.22	1.13	1.36	1.20	
RRl	1.14	1.28	0.89	1.08	1.09	0.99	1.20	1.14	
RRu	1.53	1.81	1.10	1.37	1.38	1.30	1.55	1.26	
P	+++	+++	N.S.	++	+++	(+)	+++	+++	
Random RR	1.32	1.53	1.05	1.22	1.22	1.12	1.36	1.25	
RRl	1.13	1.28	0.85	1.07	1.09	0.94	0.99	1.15	
RRu	1.54	1.81	1.29	1.39	1.38	1.34	1.86	1.34	
P	+++	+++	N.S.	++	+++	N.S.	(+)	+++	
Asymm P	N.S.	*	N.S.	N.S.	N.S.	N.S.	N.S.	(*)	
Between Chi		1.60	9.69	0.72	0.56	2.09	0.11	27.03	
Between df		1	1	1	1	1	1	6	
Between P		N.S.	--	N.S.	N.S.	N.S.	N.S.	***	

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 38  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By number of female lung cancer cases (grouped) - adjusted

1-49

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38- 10.32)	
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81- 5.25)	
Subtotal 3							2.04 ( 0.91- 4.61)	
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14- 1.79)	
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34- 1.90)	
Subtotal 5							0.69 ( 0.34- 1.41)	
10	WU	3	f -	-	-	-	1.20 ( 0.50- 3.30)	
12	LEE	4	m -	-	-	-	1.30 ( 0.38- 4.39)	
12	LEE	6	f -	-	-	-	1.00 ( 0.37- 2.71)	
Subtotal 12							1.11 ( 0.51- 2.40)	
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39- 6.90)	
15	HUMBL1	2	m -	-	-	-	4.08 ( 0.70- 23.91)	
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76- 6.56)	
Subtotal 15							2.60 ( 1.04- 6.53)	
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48- 8.56)	
21	INOUE	2	f -	-	-	-	2.25 ( 0.77- 8.85)	
24	HOLE	3	c -	-	-	-	2.41 ( 0.45- 12.83)	
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53- 3.49)	
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77- 3.87)	
36	LAYARD	2	m -	-	-	-	1.47 ( 0.55- 3.94)	
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30- 1.13)	
Subtotal 36							0.78 ( 0.45- 1.34)	
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84- 7.85)	
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50- 2.90)	
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30- 6.30)	
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67- 4.60)	
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72- 2.61)	
Partial Totals			73	431	32	359		

\*prospective study

50-99

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43- 1.30)	
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20- 3.59)	
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20- 5.07)	
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25- 2.45)	
Subtotal 7							0.85 ( 0.34- 2.16)	
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09- 3.72)	
11	AKIBA	2	m -	-	-	-	1.80 ( 0.39- 6.96)	
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93- 2.76)	
Subtotal 11							1.53 ( 0.92- 2.55)	
16	KOO	3	f -	-	-	-	1.64 ( 0.87- 3.09)	
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70- 2.10)	
20	GENG	1	f 34	41	20	52	2.16 ( 1.08- 4.29)	
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64- 1.82)	
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49- 15.21)	
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92- 2.87)	
Subtotal 23							1.71 ( 1.00- 2.93)	
27	KALAND	3	f -	-	-	-	2.11 ( 1.09- 4.08)	
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30- 1.96)	
33	DU	1	f 47	154	28	100	1.09 ( 0.64- 1.85)	
38	KABAT2	4	m -	-	-	-	1.60 ( 0.67- 3.82)	
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60- 1.94)	
Subtotal 38							1.22 ( 0.75- 1.99)	
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26- 5.10)	
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22- 2.04)	
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09- 5.85)	
Subtotal 44							1.56 ( 0.80- 3.06)	
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31- 1.78)	
49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50- 1.80)	
50	JEE	4	f -	-	-	-	1.72 ( 0.93- 3.18)	
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62- 2.30)	
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21- 1.09)	
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10- 3.00)	

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 38  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By number of female lung cancer cases (grouped) - adjusted

50-99

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
75	HILL1	3	m -	-	-	-	1.08 ( 0.56-	2.09)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)
Subtotal 75							1.04 ( 0.64-	1.69)
77	ASOMAN	4	c 25	96	9	32	0.93 ( 0.39-	2.19)
85	HOSSEI	13	m 0	4	26	166	0.70~( 0.04-	13.34)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01-	4.00)
Subtotal 85							1.90 ( 0.97-	3.72)
86	JIANG	1	c -	-	-	-	2.27 ( 1.23-	4.18)
Partial Totals			565	1084	360	1071		

\*prospective study

~ With 0.5 adjustment for zero

100-199

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
26	JANERI	4	c -	-	-	-	0.75 ( 0.48-	1.18)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
39	SCHWAR	8	c -	-	-	-	1.10 ( 0.80-	1.60)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
55	MALATS	12	c -	-	-	-	1.50 ( 0.80-	2.60)
60	OHNO	6	f -	-	-	-	1.00 ( 0.67-	1.49)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
63	ENSTRO	6	m -	-	-	-	0.63 ( 0.33-	1.22)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
Subtotal 63							0.86 ( 0.63-	1.17)
65	IARCKR	3	m -	-	-	-	0.40 ( 0.10-	3.00)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
Subtotal 65							0.76 ( 0.48-	1.20)
66	MCGHEE	1	m -	-	-	-	1.34 ( 0.82-	2.17)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
Subtotal 66							1.36 ( 1.01-	1.85)
68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60-	3.30)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
Subtotal 70							1.23 ( 0.75-	2.01)
72	WEN	1	f -	-	-	-	1.09 ( 0.74-	1.61)
76	HILL2	1	m -	-	-	-	1.45 ( 0.75-	2.81)
76	HILL2	3	f -	-	-	-	1.38 ( 0.78-	2.41)
Subtotal 76							1.41 ( 0.92-	2.16)
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78-	2.03)
84	BRENNE	13	c 50	247	101	199	0.40 ( 0.27-	0.59)
Partial Totals			527	95922	421	82797		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 38  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By number of female lung cancer cases (grouped) - adjusted

200-399

StN	Ref	NRR	Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
6	HIRAYA	2	m -	-	-	-	2.25 ( 1.05- 4.76)	
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02- 2.08)	
Subtotal 6							1.57 ( 1.14- 2.17)	
14	GAO	8	f -	-	-	-	1.30 ( 0.87- 1.94)	
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80- 3.00)	
40	SUN	2	f -	-	-	-	1.16 ( 0.80- 1.69)	
43	CARDEN	12	m -	-	-	-	1.10 ( 0.60- 1.80)	
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80- 1.60)	
Subtotal 43							1.17 ( 0.87- 1.57)	
54	LEECH	8	f -	-	-	-	1.87 ( 1.29- 2.71)	
56	WANGL	34	m -	-	-	-	0.56 ( 0.20- 1.40)	
56	WANGL	36	f -	-	-	-	1.03 ( 0.60- 1.70)	
Subtotal 56							0.90 ( 0.57- 1.42)	
58	LAGARD	6	c -	-	-	-	1.15 ( 0.91- 1.45)	
73	YU	1	f -	-	-	-	1.35 ( 0.70- 2.63)	
83	LIANG	2	f141	149	85	130	1.45 ( 1.01- 2.07)	
88	LO	2	c -	-	-	-	2.24 ( 1.70- 2.96)	
Partial Totals			141	149	85	130		

\*prospective study

400+

StN	Ref	NRR	Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60- 0.90)	
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80- 1.20)	
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04- 1.60)	
46	BOFFET	7	m -	-	-	-	1.47 ( 0.81- 2.66)	
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88- 1.39)	
Subtotal 46							1.15 ( 0.93- 1.42)	
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80- 1.50)	
Partial Totals			0	0	0	0		

\*prospective study

Unknown

StN	Ref	NRR	Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
45	AUVINE	2	m -	-	-	-	0.69 ( 0.28- 1.74)	
67	EPICA	7	c -	-	-	-	0.84 ( 0.38- 1.90)	
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83- 34.92)	
80	YANG	2	c -	-	-	-	2.00 ( 1.30- 3.00)	
82	TSE	10	m -	-	-	-	0.90 ( 0.57- 1.41)	
Partial Totals			30	90	2	48		

\*prospective study

1-49      50-99      100-199      200-399      400+      Unknown      Total

Relative risks

	N	22	33	25	14	6	5	105
	NS	17	26	20	11	5	5	84
	Wt	82.40	267.28	502.87	347.50	393.02	53.01	1646.08
Het	Chi	17.25	41.59	53.73	25.20	20.00	15.43	202.32
Het	df	21	32	24	13	5	4	104
Het	P	N.S.	N.S.	***	*	**	**	***
Fixed	RR	1.34	1.38	1.12	1.40	1.01	1.31	1.20
	RRl	1.08	1.22	1.03	1.26	0.91	1.00	1.14
	RRu	1.66	1.55	1.22	1.56	1.11	1.71	1.26
	P	++	+++	+	+++	N.S.	(+)	+++
Random	RR	1.34	1.37	1.12	1.39	1.05	1.32	1.25
	RRl	1.08	1.19	0.98	1.19	0.85	0.72	1.15
	RRu	1.66	1.58	1.28	1.62	1.29	2.42	1.34
	P	++	+++	N.S.	+++	N.S.	N.S.	+++
Asymm	P	*	N.S.	N.S.	N.S.	N.S.	N.S.	(*)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 38  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By number of female lung cancer cases (grouped) - adjusted

		1-49	50-99	100-199	200-399	400+	Unknown	Total
Relative risks	Between Chi		0.06	2.18	0.16	5.38	0.02	29.14
	Between df		1	1	1	1	1	5
	Between P		N.S.	N.S.	N.S.	-	N.S.	***

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Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 39  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By number of male+female lung cancer cases (grouped) - adjusted

1-49

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
3	CORREA	1	m 2	26	6	154	1.97	( 0.38-	10.32)
3	CORREA	2	f 14	61	8	72	2.07	( 0.81-	5.25)
Subtotal 3							2.04	( 0.91-	4.61)
10	WU	3	f -	-	-	-	1.20	( 0.50-	3.30)
12	LEE	4	m -	-	-	-	1.30	( 0.38-	4.39)
12	LEE	6	f -	-	-	-	1.00	( 0.37-	2.71)
Subtotal 12							1.11	( 0.51-	2.40)
13	BROWN1	2	f -	-	-	-	1.68	( 0.39-	6.90)
15	HUMBL1	2	m -	-	-	-	4.08	( 0.70-	23.91)
15	HUMBL1	4	f -	-	-	-	2.20	( 0.76-	6.56)
Subtotal 15							2.60	( 1.04-	6.53)
19	BUTLER	2	f -	-	-	-	2.02	( 0.48-	8.56)
21	INOUE	2	f -	-	-	-	2.25	( 0.77-	8.85)
24	HOLE	3	c -	-	-	-	2.41	( 0.45-	12.83)
25	SVENSS	5	f -	-	-	-	1.36	( 0.53-	3.49)
34	LIUQ	2	f -	-	-	-	1.72	( 0.77-	3.87)
37	DEWAAR	1	f 19	124	4	67	2.57	( 0.84-	7.85)
45	AUVINE	2	m -	-	-	-	0.69	( 0.28-	1.74)
52	SPEIZE	1	f -	-	-	-	1.50	( 0.30-	6.30)
59	NISHIN	2	f -	-	-	-	1.80	( 0.67-	4.60)
71	RYLAND	3	c -	-	-	-	1.37	( 0.72-	2.61)
78	GALLEG	1	c 30	90	2	48	8.00	( 1.83-	34.92)
Partial Totals			65	301	20	341			

\*prospective study

50-99

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
2	CHAN	1	f 34	66	50	73	0.75	( 0.43-	1.30)
4	TRICHO	1	f 53	116	24	109	2.08	( 1.20-	3.59)
5	BUFFLE	1	m 5	56	6	34	0.51	( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80	( 0.34-	1.90)
Subtotal 5							0.69	( 0.34-	1.41)
7	KABAT1	3	m 5	5	7	7	1.00	( 0.20-	5.07)
7	KABAT1	4	f 13	15	11	10	0.79	( 0.25-	2.45)
Subtotal 7							0.85	( 0.34-	2.16)
9	LAMW	1	f 37	64	23	80	2.01	( 1.09-	3.72)
16	KOO	3	f -	-	-	-	1.64	( 0.87-	3.09)
18	PERSHA	2	f -	-	-	-	1.20	( 0.70-	2.10)
20	GENG	1	f 34	41	20	52	2.16	( 1.08-	4.29)
22	SHIMIZ	2	f 52	91	38	72	1.08	( 0.64-	1.82)
23	CHOI	1	m 2	6	11	90	2.73	( 0.49-	15.21)
23	CHOI	2	f 49	88	26	76	1.63	( 0.92-	2.87)
Subtotal 23							1.71	( 1.00-	2.93)
27	KALAND	3	f -	-	-	-	2.11	( 1.09-	4.08)
30	LIUZ	2	f -	-	-	-	0.77	( 0.30-	1.96)
33	DU	1	f 47	154	28	100	1.09	( 0.64-	1.85)
36	LAYARD	2	m -	-	-	-	1.47	( 0.55-	3.94)
36	LAYARD	4	f -	-	-	-	0.58	( 0.30-	1.13)
Subtotal 36							0.78	( 0.45-	1.34)
41	WANGS	1	f 67	60	15	34	2.53	( 1.26-	5.10)
44	ZHENG	1	m 8	12	17	17	0.67	( 0.22-	2.04)
44	ZHENG	2	f 62	179	7	51	2.52	( 1.09-	5.85)
Subtotal 44							1.56	( 0.80-	3.06)
47	SHEN	1	f 56	59	14	11	0.75	( 0.31-	1.78)
49	BOFFE2	12	c -	-	-	-	1.00	( 0.50-	1.80)
50	JEE	4	f -	-	-	-	1.72	( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20	( 0.50-	2.90)
57	JOHNSO	8	f -	-	-	-	1.20	( 0.62-	2.30)
64	ZATLOU	6	f -	-	-	-	0.48	( 0.21-	1.09)
67	EPICA	7	c -	-	-	-	0.84	( 0.38-	1.90)
69	FRANCO	1	c -	-	-	-	1.80	( 1.10-	3.00)
85	HOSSEI	13	m 0	4	26	166	0.70~	( 0.04-	13.34)
85	HOSSEI	14	f 21	28	34	91	2.01	( 1.01-	4.00)
Subtotal 85							1.90	( 0.97-	3.72)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 39  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By number of male+female lung cancer cases (grouped) - adjusted

50-99

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
Partial Totals			578	1208	365	1105		

\*prospective study

~ With 0.5 adjustment for zero

100-199

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
11	AKIBA	2	m -	-	-	-	1.80 ( 0.39-	6.96)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
Subtotal 11							1.53 ( 0.92-	2.55)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
26	JANERI	4	c -	-	-	-	0.75 ( 0.48-	1.18)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
38	KABAT2	4	m -	-	-	-	1.60 ( 0.67-	3.82)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
Subtotal 38							1.22 ( 0.75-	1.99)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
55	MALATS	12	c -	-	-	-	1.50 ( 0.80-	2.60)
60	OHNO	6	f -	-	-	-	1.00 ( 0.67-	1.49)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
65	IARCKR	3	m -	-	-	-	0.40 ( 0.10-	3.00)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
Subtotal 65							0.76 ( 0.48-	1.20)
68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
72	WEN	1	f -	-	-	-	1.09 ( 0.74-	1.61)
75	HILL1	3	m -	-	-	-	1.08 ( 0.56-	2.09)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)
Subtotal 75							1.04 ( 0.64-	1.69)
77	ASOMAN	4	c 25	96	9	32	0.93 ( 0.39-	2.19)
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78-	2.03)
82	TSE	10	m -	-	-	-	0.90 ( 0.57-	1.41)
84	BRENNE	13	c 50	247	101	199	0.40 ( 0.27-	0.59)
86	JIANG	1	c -	-	-	-	2.27 ( 1.23-	4.18)
Partial Totals			552	96018	430	82829		

\*prospective study

200-399

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
6	HIRAYA	2	m -	-	-	-	2.25 ( 1.05-	4.76)
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
Subtotal 6							1.57 ( 1.14-	2.17)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
39	SCHWAR	8	c -	-	-	-	1.10 ( 0.80-	1.60)
40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
43	CARDEN	12	m -	-	-	-	1.10 ( 0.60-	1.80)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
Subtotal 43							1.17 ( 0.87-	1.57)
54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)
56	WANGL	34	m -	-	-	-	0.56 ( 0.20-	1.40)
56	WANGL	36	f -	-	-	-	1.03 ( 0.60-	1.70)
Subtotal 56							0.90 ( 0.57-	1.42)
63	ENSTRO	6	m -	-	-	-	0.63 ( 0.33-	1.22)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
Subtotal 63							0.86 ( 0.63-	1.17)
66	MCGHEE	1	m -	-	-	-	1.34 ( 0.82-	2.17)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
Subtotal 66							1.36 ( 1.01-	1.85)
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60-	3.30)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
Subtotal 70							1.23 ( 0.75-	2.01)

Within each study, results are selected according to the following order of preference:

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- 4) HOU : a, other
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Table 39  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By number of male+female lung cancer cases (grouped) - adjusted

200-399

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
73	YU	1	f -	-	-	-	1.35 ( 0.70-	2.63)
76	HILL2	1	m -	-	-	-	1.45 ( 0.75-	2.81)
76	HILL2	3	f -	-	-	-	1.38 ( 0.78-	2.41)
Subtotal 76							1.41 ( 0.92-	2.16)
80	YANG	2	c -	-	-	-	2.00 ( 1.30-	3.00)
83	LIANG	2	f141	149	85	130	1.45 ( 1.01-	2.07)
Partial Totals			141	149	85	130		

\*prospective study

400+

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
46	BOFFET	7	m -	-	-	-	1.47 ( 0.81-	2.66)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
Subtotal 46							1.15 ( 0.93-	1.42)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80-	1.50)
58	LAGARD	6	c -	-	-	-	1.15 ( 0.91-	1.45)
88	LO	2	c -	-	-	-	2.24 ( 1.70-	2.96)
Partial Totals			0	0	0	0		

\*prospective study

1-49      50-99      100-199      200-399      400+      Total

Relative risks

	N	19	31	25	22	8	105
	NS	16	25	21	15	7	84
	Wt	63.50	235.38	433.86	399.57	513.78	1646.08
Het	Chi	12.66	47.05	55.20	24.79	48.33	202.32
Het	df	18	30	24	21	7	104
Het	P	N.S.	*	***	N.S.	***	***
Fixed	RR	1.63	1.30	1.13	1.29	1.11	1.20
	RRl	1.27	1.14	1.03	1.17	1.02	1.14
	RRu	2.08	1.47	1.24	1.43	1.21	1.26
	P	+++	+++	+	+++	+	+++
Random	RR	1.63	1.27	1.14	1.29	1.17	1.25
	RRl	1.27	1.08	0.98	1.16	0.93	1.15
	RRu	2.08	1.50	1.32	1.44	1.49	1.34
	P	+++	++	(+)	+++	N.S.	+++
Asymm	P	*	N.S.	N.S.	N.S.	N.S.	(*)
Between	Chi		2.59	7.35	2.87	8.29	14.28
Between	df		1	1	1	1	4
Between	P		N.S.	--	(-)	--	**

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 Within each study, results are selected according to the following order of preference:

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- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 40  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By full histological confirmation or not - adjusted

No	StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
	1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
	2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
	3	CORREA	1	m 2	26	6	154	1.97 ( 0.38-	10.32)
	3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
	Subtotal 3							2.04 ( 0.91-	4.61)
	4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
	6	HIRAYA	2	m -	-	-	-	2.25 ( 1.05-	4.76)
	6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
	Subtotal 6							1.57 ( 1.14-	2.17)
	9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
	11	AKIBA	2	m -	-	-	-	1.80 ( 0.39-	6.96)
	11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
	Subtotal 11							1.53 ( 0.92-	2.55)
	12	LEE	4	m -	-	-	-	1.30 ( 0.38-	4.39)
	12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
	Subtotal 12							1.11 ( 0.51-	2.40)
	14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
	16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
	18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
	20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
	21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
	23	CHOI	1	m 2	6	11	90	2.73 ( 0.49-	15.21)
	23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
	Subtotal 23							1.71 ( 1.00-	2.93)
	24	HOLE	3	c -	-	-	-	2.41 ( 0.45-	12.83)
	25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
	27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
	29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
	30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
	31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
	33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
	34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
	36	LAYARD	2	m -	-	-	-	1.47 ( 0.55-	3.94)
	36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
	Subtotal 36							0.78 ( 0.45-	1.34)
	37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
	42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
	43	CARDEN	12	m -	-	-	-	1.10 ( 0.60-	1.80)
	43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
	Subtotal 43							1.17 ( 0.87-	1.57)
	44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22-	2.04)
	44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
	Subtotal 44							1.56 ( 0.80-	3.06)
	45	AUVINE	2	m -	-	-	-	0.69 ( 0.28-	1.74)
	46	BOFFET	7	m -	-	-	-	1.47 ( 0.81-	2.66)
	46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
	Subtotal 46							1.15 ( 0.93-	1.42)
	50	JEE	4	f -	-	-	-	1.72 ( 0.93-	3.18)
	51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
	53	ZHONG	2	f -	-	-	-	1.10 ( 0.80-	1.50)
	56	WANGL	34	m -	-	-	-	0.56 ( 0.20-	1.40)
	56	WANGL	36	f -	-	-	-	1.03 ( 0.60-	1.70)
	Subtotal 56							0.90 ( 0.57-	1.42)
	59	NISHIN	2	f -	-	-	-	1.80 ( 0.67-	4.60)
	63	ENSTRO	6	m -	-	-	-	0.63 ( 0.33-	1.22)
	63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
	Subtotal 63							0.86 ( 0.63-	1.17)
	66	MCGHEE	1	m -	-	-	-	1.34 ( 0.82-	2.17)
	66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
	Subtotal 66							1.36 ( 1.01-	1.85)
	67	EPICA	7	c -	-	-	-	0.84 ( 0.38-	1.90)
	71	RYLAND	3	c -	-	-	-	1.37 ( 0.72-	2.61)
	72	WEN	1	f -	-	-	-	1.09 ( 0.74-	1.61)
	75	HILL1	3	m -	-	-	-	1.08 ( 0.56-	2.09)
	75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)

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- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

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Table 40  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By full histological confirmation or not - adjusted

No		NRR	Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref		Case	Cont	Case	Cont		
Subtotal 75							1.04 ( 0.64- 1.69)	
76	HILL2	1	m -	-	-	-	1.45 ( 0.75- 2.81)	
76	HILL2	3	f -	-	-	-	1.38 ( 0.78- 2.41)	
Subtotal 76							1.41 ( 0.92- 2.16)	
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78- 2.03)	
Partial Totals			541	95906	332	82846		

\*prospective study

Yes		NRR	Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref		Case	Cont	Case	Cont		
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14- 1.79)	
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34- 1.90)	
Subtotal 5							0.69 ( 0.34- 1.41)	
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20- 5.07)	
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25- 2.45)	
Subtotal 7							0.85 ( 0.34- 2.16)	
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81- 1.87)	
10	WU	3	f -	-	-	-	1.20 ( 0.50- 3.30)	
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39- 6.90)	
15	HUMBL1	2	m -	-	-	-	4.08 ( 0.70- 23.91)	
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76- 6.56)	
Subtotal 15							2.60 ( 1.04- 6.53)	
17	LAMT	1	f115	152	84	183	1.65 ( 1.16- 2.35)	
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48- 8.56)	
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64- 1.82)	
26	JANERI	4	c -	-	-	-	0.75 ( 0.48- 1.18)	
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78- 1.63)	
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80- 3.00)	
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04- 1.60)	
38	KABAT2	4	m -	-	-	-	1.60 ( 0.67- 3.82)	
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60- 1.94)	
Subtotal 38							1.22 ( 0.75- 1.99)	
39	SCHWAR	8	c -	-	-	-	1.10 ( 0.80- 1.60)	
40	SUN	2	f -	-	-	-	1.16 ( 0.80- 1.69)	
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26- 5.10)	
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31- 1.78)	
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06- 2.21)	
49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50- 1.80)	
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30- 6.30)	
54	LEECH	8	f -	-	-	-	1.87 ( 1.29- 2.71)	
55	MALATS	12	c -	-	-	-	1.50 ( 0.80- 2.60)	
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62- 2.30)	
58	LAGARD	6	c -	-	-	-	1.15 ( 0.91- 1.45)	
60	OHNO	6	f -	-	-	-	1.00 ( 0.67- 1.49)	
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93- 1.80)	
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21- 1.09)	
65	IARCKR	3	m -	-	-	-	0.40 ( 0.10- 3.00)	
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50- 1.30)	
Subtotal 65							0.76 ( 0.48- 1.20)	
68	FANG	2	f -	-	-	-	1.77 ( 1.07- 2.92)	
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10- 3.00)	
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60- 3.30)	
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63- 2.10)	
Subtotal 70							1.23 ( 0.75- 2.01)	
73	YU	1	f -	-	-	-	1.35 ( 0.70- 2.63)	
77	ASOMAN	4	c 25	96	9	32	0.93 ( 0.39- 2.19)	
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83- 34.92)	
80	YANG	2	c -	-	-	-	2.00 ( 1.30- 3.00)	
82	TSE	10	m -	-	-	-	0.90 ( 0.57- 1.41)	
83	LIANG	2	f141	149	85	130	1.45 ( 1.01- 2.07)	
84	BRENNE	13	c 50	247	101	199	0.40 ( 0.27- 0.59)	
85	HOSSEI	13	m 0	4	26	166	0.70~( 0.04- 13.34)	
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01- 4.00)	
Subtotal 85							1.90 ( 0.97- 3.72)	

Within each study, results are selected according to the following order of preference:

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ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By full histological confirmation or not - adjusted

Yes

StN	Ref	NRR	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
86	JIANG	1	c	-	-	-	2.27	( 1.23- 4.18)
Partial Totals			795	1770	568	1559		

\*prospective study

~ With 0.5 adjustment for zero

		No	Yes	Total
Relative risks				
	N	56	48	104
	NS	42	41	83
	Wt	858.93	737.19	1596.12
Het	Chi	82.23	97.67	182.32
Het	df	55	47	103
Het	P	*	***	***
Fixed	RR	1.14	1.23	1.18
	RRl	1.06	1.14	1.12
	RRu	1.21	1.32	1.24
	P	+++	+++	+++
Random	RR	1.21	1.24	1.23
	RRl	1.10	1.10	1.14
	RRu	1.33	1.39	1.32
	P	+++	+++	+++
Asymm	P	***	N.S.	*
Between	Chi		2.43	2.43
Between	df		1	1
Between	P		N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 41  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By study type (case-control, prospective) - adjusted

Case-con.

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3							2.04 ( 0.91-	4.61)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20-	5.07)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
Subtotal 7							0.85 ( 0.34-	2.16)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
11	AKIBA	2	m -	-	-	-	1.80 ( 0.39-	6.96)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
Subtotal 11							1.53 ( 0.92-	2.55)
12	LEE	4	m -	-	-	-	1.30 ( 0.38-	4.39)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
Subtotal 12							1.11 ( 0.51-	2.40)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
15	HUMBL1	2	m -	-	-	-	4.08 ( 0.70-	23.91)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
Subtotal 15							2.60 ( 1.04-	6.53)
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49-	15.21)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
Subtotal 23							1.71 ( 1.00-	2.93)
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
26	JANERI	4	c -	-	-	-	0.75 ( 0.48-	1.18)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
36	LAYARD	2	m -	-	-	-	1.47 ( 0.55-	3.94)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
Subtotal 36							0.78 ( 0.45-	1.34)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
38	KABAT2	4	m -	-	-	-	1.60 ( 0.67-	3.82)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
Subtotal 38							1.22 ( 0.75-	1.99)
39	SCHWAR	8	c -	-	-	-	1.10 ( 0.80-	1.60)
40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44							1.56 ( 0.80-	3.06)
45	AUVINE	2	m -	-	-	-	0.69 ( 0.28-	1.74)
46	BOFFET	7	m -	-	-	-	1.47 ( 0.81-	2.66)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
Subtotal 46							1.15 ( 0.93-	1.42)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 41  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By study type (case-control, prospective) - adjusted

Case-con.

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50- 1.80)	
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50- 2.90)	
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80- 1.50)	
54	LEECH	8	f -	-	-	-	1.87 ( 1.29- 2.71)	
55	MALATS	12	c -	-	-	-	1.50 ( 0.80- 2.60)	
56	WANGL	34	m -	-	-	-	0.56 ( 0.20- 1.40)	
56	WANGL	36	f -	-	-	-	1.03 ( 0.60- 1.70)	
Subtotal 56								
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62- 2.30)	
58	LAGARD	6	c -	-	-	-	1.15 ( 0.91- 1.45)	
60	OHNO	6	f -	-	-	-	1.00 ( 0.67- 1.49)	
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93- 1.80)	
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21- 1.09)	
65	IARCKR	3	m -	-	-	-	0.40 ( 0.10- 3.00)	
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50- 1.30)	
Subtotal 65								
66	MCGHEE	1	m -	-	-	-	1.34 ( 0.82- 2.17)	
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94- 2.04)	
Subtotal 66								
68	FANG	2	f -	-	-	-	1.77 ( 1.07- 2.92)	
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10- 3.00)	
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60- 3.30)	
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63- 2.10)	
Subtotal 70								
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72- 2.61)	
73	YU	1	f -	-	-	-	1.35 ( 0.70- 2.63)	
77	ASOMAN	4	c 25	96	9	32	0.93 ( 0.39- 2.19)	
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83- 34.92)	
80	YANG	2	c -	-	-	-	2.00 ( 1.30- 3.00)	
82	TSE	10	m -	-	-	-	0.90 ( 0.57- 1.41)	
83	LIANG	2	f141	149	85	130	1.45 ( 1.01- 2.07)	
84	BRENNE	13	c 50	247	101	199	0.40 ( 0.27- 0.59)	
85	HOSSEI	13	m 0	4	26	166	0.70~( 0.04- 13.34)	
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01- 4.00)	
Subtotal 85								
86	JIANG	1	c -	-	-	-	2.27 ( 1.23- 4.18)	
88	LO	2	c -	-	-	-	2.24 ( 1.70- 2.96)	
Partial Totals			1248	2796	835	2546		

\*prospective study

~ With 0.5 adjustment for zero

Prosp.

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85- 1.61)	
6	HIRAYA	2	m -	-	-	-	2.25 ( 1.05- 4.76)	
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02- 2.08)	
Subtotal 6								
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48- 8.56)	
24	HOLE	3	c -	-	-	-	2.41 ( 0.45- 12.83)	
43	CARDEN	12	m -	-	-	-	1.10 ( 0.60- 1.80)	
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80- 1.60)	
Subtotal 43								
50	JEE	4	f -	-	-	-	1.72 ( 0.93- 3.18)	
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30- 6.30)	
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67- 4.60)	
63	ENSTRO	6	m -	-	-	-	0.63 ( 0.33- 1.22)	
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66- 1.33)	
Subtotal 63								
67	EPICA	7	c -	-	-	-	0.84 ( 0.38- 1.90)	
72	WEN	1	f -	-	-	-	1.09 ( 0.74- 1.61)	
75	HILL1	3	m -	-	-	-	1.08 ( 0.56- 2.09)	
75	HILL1	2	f -	-	-	-	1.00 ( 0.49- 2.01)	
Subtotal 75								
76	HILL2	1	m -	-	-	-	1.45 ( 0.75- 2.81)	

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

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Table 41  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By study type (case-control, prospective) - adjusted

Prosp.

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
76	HILL2	3	f -	-	-	-	1.38 ( 0.78-	2.41)
Subtotal 76							1.41 ( 0.92-	2.16)
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78-	2.03)
Partial Totals			88	94880	65	81859		

\*prospective study

Case-con.      Prosp.      Total

Relative risks

	N	86	19	105
	NS	70	14	84
	Wt	1381.88	264.20	1646.08
Het	Chi	187.67	14.65	202.32
Het	df	85	18	104
Het	P	***	N.S.	***
Fixed	RR	1.20	1.20	1.20
	RRl	1.14	1.06	1.14
	RRu	1.27	1.35	1.26
	P	+++	++	+++
Random	RR	1.25	1.20	1.25
	RRl	1.15	1.06	1.15
	RRu	1.37	1.35	1.34
	P	+++	++	+++
Asymm	P	(*)	N.S.	(*)
Between	Chi		0.00	0.00
Between	df		1	1
Between	P		N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 42  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By study control type - adjusted

Healthy

StN	Ref	NRR	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
10	WU	3	f -	-	-	-	1.20	( 0.50- 3.30)
14	GAO	8	f -	-	-	-	1.30	( 0.87- 1.94)
15	HUMBL1	2	m -	-	-	-	4.08	( 0.70- 23.91)
15	HUMBL1	4	f -	-	-	-	2.20	( 0.76- 6.56)
Subtotal 15							2.60	( 1.04- 6.53)
16	KOO	3	f -	-	-	-	1.64	( 0.87- 3.09)
17	LAMT	1	f115	152	84	183	1.65	( 1.16- 2.35)
18	PERSHA	2	f -	-	-	-	1.20	( 0.70- 2.10)
26	JANERI	4	c -	-	-	-	0.75	( 0.48- 1.18)
29	WU-WIL	4	f -	-	-	-	0.70	( 0.60- 0.90)
30	LIUZ	2	f -	-	-	-	0.77	( 0.30- 1.96)
31	BROWN2	4	f -	-	-	-	1.00	( 0.80- 1.20)
32	STOCKW	3	f -	-	-	-	1.60	( 0.80- 3.00)
35	FONTHA	6	f -	-	-	-	1.29	( 1.04- 1.60)
37	DEWAAR	1	f 19	124	4	67	2.57	( 0.84- 7.85)
39	SCHWAR	8	c -	-	-	-	1.10	( 0.80- 1.60)
40	SUN	2	f -	-	-	-	1.16	( 0.80- 1.69)
42	WANGT	2	f 92	89	43	46	1.11	( 0.67- 1.84)
44	ZHENG	1	m 8	12	17	17	0.67	( 0.22- 2.04)
44	ZHENG	2	f 62	179	7	51	2.52	( 1.09- 5.85)
Subtotal 44							1.56	( 0.80- 3.06)
45	AUVINE	2	m -	-	-	-	0.69	( 0.28- 1.74)
47	SHEN	1	f 56	59	14	11	0.75	( 0.31- 1.78)
53	ZHONG	2	f -	-	-	-	1.10	( 0.80- 1.50)
56	WANGL	34	m -	-	-	-	0.56	( 0.20- 1.40)
56	WANGL	36	f -	-	-	-	1.03	( 0.60- 1.70)
Subtotal 56							0.90	( 0.57- 1.42)
57	JOHNSO	8	f -	-	-	-	1.20	( 0.62- 2.30)
64	ZATLOU	6	f -	-	-	-	0.48	( 0.21- 1.09)
65	IARCKR	3	m -	-	-	-	0.40	( 0.10- 3.00)
65	IARCKR	2	f -	-	-	-	0.80	( 0.50- 1.30)
Subtotal 65							0.76	( 0.48- 1.20)
66	MCGHEE	1	m -	-	-	-	1.34	( 0.82- 2.17)
66	MCGHEE	2	f -	-	-	-	1.38	( 0.94- 2.04)
Subtotal 66							1.36	( 1.01- 1.85)
69	FRANCO	1	c -	-	-	-	1.80	( 1.10- 3.00)
70	GORLOV	1	m -	-	-	-	1.41	( 0.60- 3.30)
70	GORLOV	2	f -	-	-	-	1.15	( 0.63- 2.10)
Subtotal 70							1.23	( 0.75- 2.01)
71	RYLAND	3	c -	-	-	-	1.37	( 0.72- 2.61)
73	YU	1	f -	-	-	-	1.35	( 0.70- 2.63)
77	ASOMAN	4	c 25	96	9	32	0.93	( 0.39- 2.19)
78	GALLEG	1	c 30	90	2	48	8.00	( 1.83- 34.92)
80	YANG	2	c -	-	-	-	2.00	( 1.30- 3.00)
82	TSE	10	m -	-	-	-	0.90	( 0.57- 1.41)
83	LIANG	2	f141	149	85	130	1.45	( 1.01- 2.07)
86	JIANG	1	c -	-	-	-	2.27	( 1.23- 4.18)
Partial Totals			548	950	265	585		

\*prospective study

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 42  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By study control type - adjusted

Diseased

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3							2.04 ( 0.91-	4.61)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20-	5.07)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
Subtotal 7							0.85 ( 0.34-	2.16)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
11	AKIBA	2	m -	-	-	-	1.80 ( 0.39-	6.96)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
Subtotal 11							1.53 ( 0.92-	2.55)
12	LEE	4	m -	-	-	-	1.30 ( 0.38-	4.39)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
Subtotal 12							1.11 ( 0.51-	2.40)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49-	15.21)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
Subtotal 23							1.71 ( 1.00-	2.93)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
36	LAYARD	2	m -	-	-	-	1.47 ( 0.55-	3.94)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
Subtotal 36							0.78 ( 0.45-	1.34)
38	KABAT2	4	m -	-	-	-	1.60 ( 0.67-	3.82)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
Subtotal 38							1.22 ( 0.75-	1.99)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)
60	OHNO	6	f -	-	-	-	1.00 ( 0.67-	1.49)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
Partial Totals			557	1306	375	1387		

\*prospective study

Both

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
46	BOFFET	7	m -	-	-	-	1.47 ( 0.81-	2.66)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
Subtotal 46							1.15 ( 0.93-	1.42)
49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50-	1.80)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
55	MALATS	12	c -	-	-	-	1.50 ( 0.80-	2.60)
58	LAGARD	6	c -	-	-	-	1.15 ( 0.91-	1.45)
68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
84	BRENNE	13	c 50	247	101	199	0.40 ( 0.27-	0.59)
85	HOSSEI	13	m 0	4	26	166	0.70~( 0.04-	13.34)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01-	4.00)
Subtotal 85							1.90 ( 0.97-	3.72)
88	LO	2	c -	-	-	-	2.24 ( 1.70-	2.96)
Partial Totals			109	499	175	522		

\*prospective study

~ With 0.5 adjustment for zero

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 42  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By study control type - adjusted

Unstated

StN	Ref	NRR	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
20	GENG	1	f 34	41	20	52	2.16 (	1.08- 4.29)
Totals			34	41	20	52		

\*prospective study

Prosp.

StN	Ref	NRR	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
1	GARF11	1	f 88	94880	65	81859	1.17 (	0.85- 1.61)
6	HIRAYA	2	m -	-	-	-	2.25 (	1.05- 4.76)
6	HIRAYA	8	f -	-	-	-	1.45 (	1.02- 2.08)
Subtotal 6							1.57 (	1.14- 2.17)
19	BUTLER	2	f -	-	-	-	2.02 (	0.48- 8.56)
24	HOLE	3	c -	-	-	-	2.41 (	0.45- 12.83)
43	CARDEN	12	m -	-	-	-	1.10 (	0.60- 1.80)
43	CARDEN	10	f -	-	-	-	1.20 (	0.80- 1.60)
Subtotal 43							1.17 (	0.87- 1.57)
50	JEE	4	f -	-	-	-	1.72 (	0.93- 3.18)
52	SPEIZE	1	f -	-	-	-	1.50 (	0.30- 6.30)
59	NISHIN	2	f -	-	-	-	1.80 (	0.67- 4.60)
63	ENSTRO	6	m -	-	-	-	0.63 (	0.33- 1.22)
63	ENSTRO	12	f -	-	-	-	0.94 (	0.66- 1.33)
Subtotal 63							0.86 (	0.63- 1.17)
67	EPICA	7	c -	-	-	-	0.84 (	0.38- 1.90)
72	WEN	1	f -	-	-	-	1.09 (	0.74- 1.61)
75	HILL1	3	m -	-	-	-	1.08 (	0.56- 2.09)
75	HILL1	2	f -	-	-	-	1.00 (	0.49- 2.01)
Subtotal 75							1.04 (	0.64- 1.69)
76	HILL2	1	m -	-	-	-	1.45 (	0.75- 2.81)
76	HILL2	3	f -	-	-	-	1.38 (	0.78- 2.41)
Subtotal 76							1.41 (	0.92- 2.16)
79	KURAHA	10	f -	-	-	-	1.26 (	0.78- 2.03)
Partial Totals			88	94880	65	81859		

\*prospective study

	Healthy	Diseased	Both	Unstated	Prosp.	Total	
Relative risks							
	N	41	30	14	1	19	
	NS	35	23	11	1	14	
	Wt	751.99	329.85	291.92	8.13	264.20	1646.08
	Het Chi	84.80	33.01	59.71	0.00	14.65	202.32
	Het df	40	29	13	0	18	104
	Het P	***	N.S.	***	N.S.	N.S.	***
	Fixed RR	1.13	1.35	1.21	2.16	1.20	1.20
	RRl	1.05	1.21	1.08	1.08	1.06	1.14
	RRu	1.21	1.51	1.36	4.29	1.35	1.26
	P	+++	+++	+++	+	++	+++
	Random RR	1.19	1.36	1.18	2.16	1.20	1.25
	RRl	1.06	1.20	0.88	1.08	1.06	1.15
	RRu	1.34	1.53	1.58	4.29	1.35	1.34
	P	++	+++	N.S.	+	++	+++
	Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.	(*)
	Between Chi		7.30	1.06	3.35	0.63	10.16
	Between df		1	1	1	1	4
	Between P		++	N.S.	(+)	N.S.	*

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 43  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By study quality (PNL criteria) - adjusted

Good

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
6	HIRAYA	2	m -	-	-	-	2.25 ( 1.05-	4.76)
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
Subtotal 6							1.57 ( 1.14-	2.17)
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20-	5.07)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
Subtotal 7							0.85 ( 0.34-	2.16)
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
11	AKIBA	2	m -	-	-	-	1.80 ( 0.39-	6.96)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
Subtotal 11							1.53 ( 0.92-	2.55)
12	LEE	4	m -	-	-	-	1.30 ( 0.38-	4.39)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
Subtotal 12							1.11 ( 0.51-	2.40)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49-	15.21)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
Subtotal 23							1.71 ( 1.00-	2.93)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
38	KABAT2	4	m -	-	-	-	1.60 ( 0.67-	3.82)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
Subtotal 38							1.22 ( 0.75-	1.99)
40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
43	CARDEN	12	m -	-	-	-	1.10 ( 0.60-	1.80)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
Subtotal 43							1.17 ( 0.87-	1.57)
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44							1.56 ( 0.80-	3.06)
46	BOFFET	7	m -	-	-	-	1.47 ( 0.81-	2.66)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
Subtotal 46							1.15 ( 0.93-	1.42)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50-	1.80)
50	JEE	4	f -	-	-	-	1.72 ( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)
55	MALATS	12	c -	-	-	-	1.50 ( 0.80-	2.60)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67-	4.60)
60	OHNO	6	f -	-	-	-	1.00 ( 0.67-	1.49)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
63	ENSTRO	6	m -	-	-	-	0.63 ( 0.33-	1.22)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
Subtotal 63							0.86 ( 0.63-	1.17)
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
67	EPICA	7	c -	-	-	-	0.84 ( 0.38-	1.90)
68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
72	WEN	1	f -	-	-	-	1.09 ( 0.74-	1.61)
75	HILL1	3	m -	-	-	-	1.08 ( 0.56-	2.09)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 43  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By study quality (PNL criteria) - adjusted

Good

StN	Ref	NRR	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
Subtotal 75							1.04	( 0.64- 1.69)
76	HILL2	1	m -	-	-	-	1.45	( 0.75- 2.81)
76	HILL2	3	f -	-	-	-	1.38	( 0.78- 2.41)
Subtotal 76							1.41	( 0.92- 2.16)
77	ASOMAN	4	c 25	96	9	32	0.93	( 0.39- 2.19)
79	KURAHA	10	f -	-	-	-	1.26	( 0.78- 2.03)
82	TSE	10	m -	-	-	-	0.90	( 0.57- 1.41)
83	LIANG	2	f141	149	85	130	1.45	( 1.01- 2.07)
85	HOSSEI	13	m 0	4	26	166	0.70~	( 0.04- 13.34)
85	HOSSEI	14	f 21	28	34	91	2.01	( 1.01- 4.00)
Subtotal 85							1.90	( 0.97- 3.72)
88	LO	2	c -	-	-	-	2.24	( 1.70- 2.96)
Partial Totals			771	96382	518	83214		

\*prospective study

~ With 0.5 adjustment for zero

Bad

StN	Ref	NRR	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
3	CORREA	1	m 2	26	6	154	1.97	( 0.38- 10.32)
3	CORREA	2	f 14	61	8	72	2.07	( 0.81- 5.25)
Subtotal 3							2.04	( 0.91- 4.61)
4	TRICHO	1	f 53	116	24	109	2.08	( 1.20- 3.59)
8	GARFI2	3	f 91	254	43	148	1.23	( 0.81- 1.87)
9	LAMW	1	f 37	64	23	80	2.01	( 1.09- 3.72)
13	BROWN1	2	f -	-	-	-	1.68	( 0.39- 6.90)
15	HUMBL1	2	m -	-	-	-	4.08	( 0.70- 23.91)
15	HUMBL1	4	f -	-	-	-	2.20	( 0.76- 6.56)
Subtotal 15							2.60	( 1.04- 6.53)
17	LAMT	1	f115	152	84	183	1.65	( 1.16- 2.35)
19	BUTLER	2	f -	-	-	-	2.02	( 0.48- 8.56)
20	GENG	1	f 34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	2	f -	-	-	-	2.25	( 0.77- 8.85)
24	HOLE	3	c -	-	-	-	2.41	( 0.45- 12.83)
25	SVENSS	5	f -	-	-	-	1.36	( 0.53- 3.49)
26	JANERI	4	c -	-	-	-	0.75	( 0.48- 1.18)
27	KALAND	3	f -	-	-	-	2.11	( 1.09- 4.08)
31	BROWN2	4	f -	-	-	-	1.00	( 0.80- 1.20)
32	STOCKW	3	f -	-	-	-	1.60	( 0.80- 3.00)
33	DU	1	f 47	154	28	100	1.09	( 0.64- 1.85)
35	FONTHA	6	f -	-	-	-	1.29	( 1.04- 1.60)
36	LAYARD	2	m -	-	-	-	1.47	( 0.55- 3.94)
36	LAYARD	4	f -	-	-	-	0.58	( 0.30- 1.13)
Subtotal 36							0.78	( 0.45- 1.34)
39	SCHWAR	8	c -	-	-	-	1.10	( 0.80- 1.60)
42	WANGT	2	f 92	89	43	46	1.11	( 0.67- 1.84)
45	AUVINE	2	m -	-	-	-	0.69	( 0.28- 1.74)
53	ZHONG	2	f -	-	-	-	1.10	( 0.80- 1.50)
56	WANGL	34	m -	-	-	-	0.56	( 0.20- 1.40)
56	WANGL	36	f -	-	-	-	1.03	( 0.60- 1.70)
Subtotal 56							0.90	( 0.57- 1.42)
58	LAGARD	6	c -	-	-	-	1.15	( 0.91- 1.45)
65	IARCKR	3	m -	-	-	-	0.40	( 0.10- 3.00)
65	IARCKR	2	f -	-	-	-	0.80	( 0.50- 1.30)
Subtotal 65							0.76	( 0.48- 1.20)
66	MCGHEE	1	m -	-	-	-	1.34	( 0.82- 2.17)
66	MCGHEE	2	f -	-	-	-	1.38	( 0.94- 2.04)
Subtotal 66							1.36	( 1.01- 1.85)
69	FRANCO	1	c -	-	-	-	1.80	( 1.10- 3.00)
70	GORLOV	1	m -	-	-	-	1.41	( 0.60- 3.30)
70	GORLOV	2	f -	-	-	-	1.15	( 0.63- 2.10)
Subtotal 70							1.23	( 0.75- 2.01)
71	RYLAND	3	c -	-	-	-	1.37	( 0.72- 2.61)
73	YU	1	f -	-	-	-	1.35	( 0.70- 2.63)
78	GALLEG	1	c 30	90	2	48	8.00	( 1.83- 34.92)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 43  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By study quality (PNL criteria) - adjusted

Bad

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
80	YANG	2	c -	-	-	-	2.00	( 1.30-	3.00)
84	BRENNE	13	c 50	247	101	199	0.40	( 0.27-	0.59)
86	JIANG	1	c -	-	-	-	2.27	( 1.23-	4.18)
Partial Totals			565	1294	382	1191			

\*prospective study

Good                  Bad                  Total

Relative risks

	N	63	42	105
	NS	49	35	84
	Wt	952.45	693.63	1646.08
Het	Chi	106.27	96.06	202.32
Het	df	62	41	104
Het	P	***	***	***
Fixed	RR	1.20	1.20	1.20
	RRl	1.13	1.11	1.14
	RRu	1.28	1.29	1.26
	P	+++	+++	+++
Random	RR	1.23	1.27	1.25
	RRl	1.12	1.12	1.15
	RRu	1.35	1.45	1.34
	P	+++	+++	+++
Asymm	P	N.S.	(*)	(*)
Between	Chi		0.00	0.00
Between	df		1	1
Between	P		N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 44  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By total number of confounders considered in the study (grouped) - adjusted

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49-	15.21)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
Subtotal 23							1.71 ( 1.00-	2.93)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
77	ASOMAN	4	c 25	96	9	32	0.93 ( 0.39-	2.19)
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83-	34.92)
83	LIANG	2	f141	149	85	130	1.45 ( 1.01-	2.07)
Totals			698	1508	429	1322		

\*prospective study

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3							2.04 ( 0.91-	4.61)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
45	AUVINE	2	m -	-	-	-	0.69 ( 0.28-	1.74)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
Partial Totals			145	240	80	352		

\*prospective study

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
6	HIRAYA	2	m -	-	-	-	2.25 ( 1.05-	4.76)
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
Subtotal 6							1.57 ( 1.14-	2.17)
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
15	HUMBL1	2	m -	-	-	-	4.08 ( 0.70-	23.91)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
Subtotal 15							2.60 ( 1.04-	6.53)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)
24	HOLE	3	c -	-	-	-	2.41 ( 0.45-	12.83)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
39	SCHWAR	8	c -	-	-	-	1.10 ( 0.80-	1.60)
40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44							1.56 ( 0.80-	3.06)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
55	MALATS	12	c -	-	-	-	1.50 ( 0.80-	2.60)
60	OHNO	6	f -	-	-	-	1.00 ( 0.67-	1.49)
65	IARCKR	3	m -	-	-	-	0.40 ( 0.10-	3.00)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
Subtotal 65							0.76 ( 0.48-	1.20)
66	MCGHEE	1	m -	-	-	-	1.34 ( 0.82-	2.17)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
Subtotal 66							1.36 ( 1.01-	1.85)
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10-	3.00)
85	HOSSEI	13	m 0	4	26	166	0.70~( 0.04-	13.34)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

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Table 44  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes

By total number of confounders considered in the study (grouped) - adjusted

2

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01-	4.00)
Subtotal 85							1.90 ( 0.97-	3.72)
88	LO	2	c -	-	-	-	2.24 ( 1.70-	2.96)
Partial Totals			138	377	112	425		

\*prospective study

~ With 0.5 adjustment for zero

3-5

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20-	5.07)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
Subtotal 7							0.85 ( 0.34-	2.16)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
12	LEE	4	m -	-	-	-	1.30 ( 0.38-	4.39)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
Subtotal 12							1.11 ( 0.51-	2.40)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
26	JANERI	4	c -	-	-	-	0.75 ( 0.48-	1.18)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
36	LAYARD	2	m -	-	-	-	1.47 ( 0.55-	3.94)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
Subtotal 36							0.78 ( 0.45-	1.34)
49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50-	1.80)
50	JEE	4	f -	-	-	-	1.72 ( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60-	3.30)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
Subtotal 70							1.23 ( 0.75-	2.01)
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72-	2.61)
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78-	2.03)
80	YANG	2	c -	-	-	-	2.00 ( 1.30-	3.00)
84	BRENNE	13	c 50	247	101	199	0.40 ( 0.27-	0.59)
Partial Totals			211	612	200	436		

\*prospective study

6+

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
11	AKIBA	2	m -	-	-	-	1.80 ( 0.39-	6.96)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
Subtotal 11							1.53 ( 0.92-	2.55)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
38	KABAT2	4	m -	-	-	-	1.60 ( 0.67-	3.82)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
Subtotal 38							1.22 ( 0.75-	1.99)
43	CARDEN	12	m -	-	-	-	1.10 ( 0.60-	1.80)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
Subtotal 43							1.17 ( 0.87-	1.57)
46	BOFFET	7	m -	-	-	-	1.47 ( 0.81-	2.66)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
Subtotal 46							1.15 ( 0.93-	1.42)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80-	1.50)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 44  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By total number of confounders considered in the study (grouped) - adjusted

6+

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
54	LEECH	8	f	-	-	-	1.87	( 1.29-	2.71)
56	WANGL	34	m	-	-	-	0.56	( 0.20-	1.40)
56	WANGL	36	f	-	-	-	1.03	( 0.60-	1.70)
Subtotal 56							0.90	( 0.57-	1.42)
58	LAGARD	6	c	-	-	-	1.15	( 0.91-	1.45)
59	NISHIN	2	f	-	-	-	1.80	( 0.67-	4.60)
63	ENSTRO	6	m	-	-	-	0.63	( 0.33-	1.22)
63	ENSTRO	12	f	-	-	-	0.94	( 0.66-	1.33)
Subtotal 63							0.86	( 0.63-	1.17)
67	EPICA	7	c	-	-	-	0.84	( 0.38-	1.90)
68	FANG	2	f	-	-	-	1.77	( 1.07-	2.92)
72	WEN	1	f	-	-	-	1.09	( 0.74-	1.61)
73	YU	1	f	-	-	-	1.35	( 0.70-	2.63)
75	HILL1	3	m	-	-	-	1.08	( 0.56-	2.09)
75	HILL1	2	f	-	-	-	1.00	( 0.49-	2.01)
Subtotal 75							1.04	( 0.64-	1.69)
76	HILL2	1	m	-	-	-	1.45	( 0.75-	2.81)
76	HILL2	3	f	-	-	-	1.38	( 0.78-	2.41)
Subtotal 76							1.41	( 0.92-	2.16)
82	TSE	10	m	-	-	-	0.90	( 0.57-	1.41)
86	JIANG	1	c	-	-	-	2.27	( 1.23-	4.18)
Partial Totals			144	94939	79	81870			

\*prospective study

0            1            2            3-5            6+            Total

Relative risks

	N	14	7	26	29	29	105
	NS	12	6	20	25	21	84
	Wt	167.79	41.45	458.02	371.35	607.47	1646.08
Het	Chi	24.14	5.29	44.39	73.17	28.97	202.32
Het	df	13	6	25	28	28	104
Het	P	*	N.S.	**	***	N.S.	***
Fixed	RR	1.47	1.37	1.31	0.98	1.19	1.20
	RRl	1.27	1.01	1.20	0.89	1.10	1.14
	RRu	1.71	1.86	1.44	1.09	1.29	1.26
	P	+++	+	+++	N.S.	+++	+++
Random	RR	1.50	1.37	1.35	1.11	1.19	1.25
	RRl	1.19	1.01	1.17	0.92	1.10	1.15
	RRu	1.89	1.86	1.55	1.33	1.29	1.34
	P	+++	+	+++	N.S.	+++	+++
Asymm	P	N.S.	N.S.	N.S.	*	N.S.	(*)
Between	Chi		0.18	1.65	19.00	5.96	26.36
Between	df		1	1	1	1	4
Between	P		N.S.	N.S.	---	-	***

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

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Table 45  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By age considered as a confounder in the study or not - adjusted

No		NRR	Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref		Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43- 1.30)	
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38- 10.32)	
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81- 5.25)	
Subtotal 3							2.04 ( 0.91- 4.61)	
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20- 3.59)	
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14- 1.79)	
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34- 1.90)	
Subtotal 5							0.69 ( 0.34- 1.41)	
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09- 3.72)	
17	LAMT	1	f115	152	84	183	1.65 ( 1.16- 2.35)	
20	GENG	1	f 34	41	20	52	2.16 ( 1.08- 4.29)	
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49- 15.21)	
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92- 2.87)	
Subtotal 23							1.71 ( 1.00- 2.93)	
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77- 3.87)	
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84- 7.85)	
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26- 5.10)	
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93- 1.80)	
77	ASOMAN	4	c 25	96	9	32	0.93 ( 0.39- 2.19)	
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83- 34.92)	
83	LIANG	2	f141	149	85	130	1.45 ( 1.01- 2.07)	
Partial Totals			751	1659	466	1628		

\*prospective study

Yes		NRR	Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref		Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85- 1.61)	
6	HIRAYA	2	m -	-	-	-	2.25 ( 1.05- 4.76)	
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02- 2.08)	
Subtotal 6							1.57 ( 1.14- 2.17)	
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20- 5.07)	
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25- 2.45)	
Subtotal 7							0.85 ( 0.34- 2.16)	
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81- 1.87)	
10	WU	3	f -	-	-	-	1.20 ( 0.50- 3.30)	
11	AKIBA	2	m -	-	-	-	1.80 ( 0.39- 6.96)	
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93- 2.76)	
Subtotal 11							1.53 ( 0.92- 2.55)	
12	LEE	4	m -	-	-	-	1.30 ( 0.38- 4.39)	
12	LEE	6	f -	-	-	-	1.00 ( 0.37- 2.71)	
Subtotal 12							1.11 ( 0.51- 2.40)	
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39- 6.90)	
14	GAO	8	f -	-	-	-	1.30 ( 0.87- 1.94)	
15	HUMBL1	2	m -	-	-	-	4.08 ( 0.70- 23.91)	
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76- 6.56)	
Subtotal 15							2.60 ( 1.04- 6.53)	
16	KOO	3	f -	-	-	-	1.64 ( 0.87- 3.09)	
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70- 2.10)	
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48- 8.56)	
21	INOUE	2	f -	-	-	-	2.25 ( 0.77- 8.85)	
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64- 1.82)	
24	HOLE	3	c -	-	-	-	2.41 ( 0.45- 12.83)	
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53- 3.49)	
26	JANERI	4	c -	-	-	-	0.75 ( 0.48- 1.18)	
27	KALAND	3	f -	-	-	-	2.11 ( 1.09- 4.08)	
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78- 1.63)	
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60- 0.90)	
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30- 1.96)	
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80- 1.20)	
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80- 3.00)	
33	DU	1	f 47	154	28	100	1.09 ( 0.64- 1.85)	
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04- 1.60)	
36	LAYARD	2	m -	-	-	-	1.47 ( 0.55- 3.94)	
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30- 1.13)	

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 45  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By age considered as a confounder in the study or not - adjusted

Yes		NRR	Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref		Case	Cont	Case	Cont		
Subtotal 36							0.78 ( 0.45- 1.34)	
38	KABAT2	4	m -	-	-	-	1.60 ( 0.67- 3.82)	
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60- 1.94)	
Subtotal 38							1.22 ( 0.75- 1.99)	
39	SCHWAR	8	c -	-	-	-	1.10 ( 0.80- 1.60)	
40	SUN	2	f -	-	-	-	1.16 ( 0.80- 1.69)	
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67- 1.84)	
43	CARDEN	12	m -	-	-	-	1.10 ( 0.60- 1.80)	
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80- 1.60)	
Subtotal 43							1.17 ( 0.87- 1.57)	
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22- 2.04)	
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09- 5.85)	
Subtotal 44							1.56 ( 0.80- 3.06)	
45	AUVINE	2	m -	-	-	-	0.69 ( 0.28- 1.74)	
46	BOFFET	7	m -	-	-	-	1.47 ( 0.81- 2.66)	
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88- 1.39)	
Subtotal 46							1.15 ( 0.93- 1.42)	
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31- 1.78)	
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06- 2.21)	
49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50- 1.80)	
50	JEE	4	f -	-	-	-	1.72 ( 0.93- 3.18)	
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50- 2.90)	
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30- 6.30)	
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80- 1.50)	
54	LEECH	8	f -	-	-	-	1.87 ( 1.29- 2.71)	
55	MALATS	12	c -	-	-	-	1.50 ( 0.80- 2.60)	
56	WANGL	34	m -	-	-	-	0.56 ( 0.20- 1.40)	
56	WANGL	36	f -	-	-	-	1.03 ( 0.60- 1.70)	
Subtotal 56							0.90 ( 0.57- 1.42)	
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62- 2.30)	
58	LAGARD	6	c -	-	-	-	1.15 ( 0.91- 1.45)	
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67- 4.60)	
60	OHNO	6	f -	-	-	-	1.00 ( 0.67- 1.49)	
63	ENSTRO	6	m -	-	-	-	0.63 ( 0.33- 1.22)	
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66- 1.33)	
Subtotal 63							0.86 ( 0.63- 1.17)	
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21- 1.09)	
65	IARCKR	3	m -	-	-	-	0.40 ( 0.10- 3.00)	
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50- 1.30)	
Subtotal 65							0.76 ( 0.48- 1.20)	
66	MCGHEE	1	m -	-	-	-	1.34 ( 0.82- 2.17)	
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94- 2.04)	
Subtotal 66							1.36 ( 1.01- 1.85)	
67	EPICA	7	c -	-	-	-	0.84 ( 0.38- 1.90)	
68	FANG	2	f -	-	-	-	1.77 ( 1.07- 2.92)	
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10- 3.00)	
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60- 3.30)	
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63- 2.10)	
Subtotal 70							1.23 ( 0.75- 2.01)	
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72- 2.61)	
72	WEN	1	f -	-	-	-	1.09 ( 0.74- 1.61)	
73	YU	1	f -	-	-	-	1.35 ( 0.70- 2.63)	
75	HILL1	3	m -	-	-	-	1.08 ( 0.56- 2.09)	
75	HILL1	2	f -	-	-	-	1.00 ( 0.49- 2.01)	
Subtotal 75							1.04 ( 0.64- 1.69)	
76	HILL2	1	m -	-	-	-	1.45 ( 0.75- 2.81)	
76	HILL2	3	f -	-	-	-	1.38 ( 0.78- 2.41)	
Subtotal 76							1.41 ( 0.92- 2.16)	
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78- 2.03)	
80	YANG	2	c -	-	-	-	2.00 ( 1.30- 3.00)	
82	TSE	10	m -	-	-	-	0.90 ( 0.57- 1.41)	
84	BRENNE	13	c 50	247	101	199	0.40 ( 0.27- 0.59)	
85	HOSSEI	13	m 0	4	26	166	0.70~( 0.04- 13.34)	
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01- 4.00)	
Subtotal 85							1.90 ( 0.97- 3.72)	

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

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Table 45  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By age considered as a confounder in the study or not - adjusted

Yes

StN	Ref	NRR	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
86	JIANG	1	c	-	-	-	2.27	( 1.23- 4.18)
88	LO	2	c	-	-	-	2.24	( 1.70- 2.96)
Partial Totals			585	96017	434	82777		

\*prospective study

~ With 0.5 adjustment for zero

	No	Yes	Total
Relative risks			
N	18	87	105
NS	15	69	84
Wt	189.64	1456.44	1646.08
Het Chi	25.70	164.73	202.32
Het df	17	86	104
Het P	(*)	***	***
Fixed RR	1.52	1.17	1.20
RRl	1.32	1.11	1.14
RRu	1.75	1.23	1.26
P	+++	+++	+++
Random RR	1.56	1.20	1.25
RRl	1.28	1.11	1.15
RRu	1.89	1.30	1.34
P	+++	+++	+++
Asymm P	N.S.	N.S.	(*)
Between Chi		11.90	11.90
Between df		1	1
Between P		---	***

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 46  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes

By marital status considered as a confounder in the study or not - adjusted

No	StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
	2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
	4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
	5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
	5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
	Subtotal 5							0.69 ( 0.34-	1.41)
	8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
	13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
	14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
	15	HUMBL1	2	m -	-	-	-	4.08 ( 0.70-	23.91)
	15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
	Subtotal 15							2.60 ( 1.04-	6.53)
	17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
	18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
	20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
	22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
	23	CHOI	1	m 2	6	11	90	2.73 ( 0.49-	15.21)
	23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
	Subtotal 23							1.71 ( 1.00-	2.93)
	24	HOLE	3	c -	-	-	-	2.41 ( 0.45-	12.83)
	25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
	26	JANERI	4	c -	-	-	-	0.75 ( 0.48-	1.18)
	27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
	28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
	29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
	30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
	31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
	32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
	33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
	34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
	35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
	37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
	39	SCHWAR	8	c -	-	-	-	1.10 ( 0.80-	1.60)
	40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
	41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
	42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
	44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22-	2.04)
	44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
	Subtotal 44							1.56 ( 0.80-	3.06)
	45	AUVINE	2	m -	-	-	-	0.69 ( 0.28-	1.74)
	47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
	48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
	49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50-	1.80)
	50	JEE	4	f -	-	-	-	1.72 ( 0.93-	3.18)
	51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
	52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
	53	ZHONG	2	f -	-	-	-	1.10 ( 0.80-	1.50)
	54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)
	55	MALATS	12	c -	-	-	-	1.50 ( 0.80-	2.60)
	56	WANGL	34	m -	-	-	-	0.56 ( 0.20-	1.40)
	56	WANGL	36	f -	-	-	-	1.03 ( 0.60-	1.70)
	Subtotal 56							0.90 ( 0.57-	1.42)
	57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
	58	LAGARD	6	c -	-	-	-	1.15 ( 0.91-	1.45)
	59	NISHIN	2	f -	-	-	-	1.80 ( 0.67-	4.60)
	60	OHNO	6	f -	-	-	-	1.00 ( 0.67-	1.49)
	62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
	63	ENSTRO	6	m -	-	-	-	0.63 ( 0.33-	1.22)
	63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
	Subtotal 63							0.86 ( 0.63-	1.17)
	64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
	65	IARCKR	3	m -	-	-	-	0.40 ( 0.10-	3.00)
	65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
	Subtotal 65							0.76 ( 0.48-	1.20)
	66	MCGHEE	1	m -	-	-	-	1.34 ( 0.82-	2.17)
	66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
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- 5) UNX : 2, 1, 4, 3, other

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Table 46  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes

By marital status considered as a confounder in the study or not - adjusted

No

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
Subtotal 66								
67	EPICA	7	c -	-	-	-	0.84 ( 0.38-	1.85)
68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10-	3.00)
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60-	3.30)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
Subtotal 70								
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72-	2.61)
72	WEN	1	f -	-	-	-	1.09 ( 0.74-	1.61)
73	YU	1	f -	-	-	-	1.35 ( 0.70-	2.63)
77	ASOMAN	4	c 25	96	9	32	0.93 ( 0.39-	2.19)
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83-	34.92)
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78-	2.03)
80	YANG	2	c -	-	-	-	2.00 ( 1.30-	3.00)
82	TSE	10	m -	-	-	-	0.90 ( 0.57-	1.41)
83	LIANG	2	f141	149	85	130	1.45 ( 1.01-	2.07)
84	BRENNE	13	c 50	247	101	199	0.40 ( 0.27-	0.59)
85	HOSSEI	13	m 0	4	26	166	0.70~( 0.04-	13.34)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01-	4.00)
Subtotal 85								
86	JIANG	1	c -	-	-	-	2.27 ( 1.23-	4.18)
88	LO	2	c -	-	-	-	2.24 ( 1.70-	2.96)
Partial Totals			1177	2625	780	2223		

\*prospective study

~ With 0.5 adjustment for zero

Yes

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3								
6	HIRAYA	2	m -	-	-	-	2.25 ( 1.05-	4.76)
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
Subtotal 6								
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20-	5.07)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
Subtotal 7								
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
11	AKIBA	2	m -	-	-	-	1.80 ( 0.39-	6.96)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
Subtotal 11								
12	LEE	4	m -	-	-	-	1.30 ( 0.38-	4.39)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
Subtotal 12								
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
36	LAYARD	2	m -	-	-	-	1.47 ( 0.55-	3.94)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
Subtotal 36								
38	KABAT2	4	m -	-	-	-	1.60 ( 0.67-	3.82)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
Subtotal 38								
43	CARDEN	12	m -	-	-	-	1.10 ( 0.60-	1.80)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
Subtotal 43								
46	BOFFET	7	m -	-	-	-	1.47 ( 0.81-	2.66)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
Subtotal 46								
75	HILL1	3	m -	-	-	-	1.08 ( 0.56-	2.09)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)
Subtotal 75								

Within each study, results are selected according to the following order of preference:

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- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

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Table 46  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes

By marital status considered as a confounder in the study or not - adjusted

Yes

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
76	HILL2	1	m	-	-	-	1.45	( 0.75- 2.81)
76	HILL2	3	f	-	-	-	1.38	( 0.78- 2.41)
Subtotal 76							1.41	( 0.92- 2.16)
Partial Totals			159	95051	120	82182		

\*prospective study

		No	Yes	Total
Relative risks				
	N	77	28	105
	NS	67	17	84
	Wt	1316.19	329.89	1646.08
	Het Chi	182.71	18.73	202.32
	Het df	76	27	104
	Het P	***	N.S.	***
Fixed	RR	1.19	1.26	1.20
	RRl	1.13	1.13	1.14
	RRu	1.25	1.40	1.26
	P	+++	+++	+++
Random	RR	1.23	1.26	1.25
	RRl	1.12	1.13	1.15
	RRu	1.35	1.40	1.34
	P	+++	+++	+++
Asymm	P	N.S.	N.S.	(*)
Between	Chi		0.88	0.88
Between	df		1	1
Between	P		N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 47  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By any study results available on dose-response or not - adjusted

None								
StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75	( 0.43- 1.30)
7	KABAT1	3	m 5	5	7	7	1.00	( 0.20- 5.07)
7	KABAT1	4	f 13	15	11	10	0.79	( 0.25- 2.45)
Subtotal 7								0.85 ( 0.34- 2.16)
9	LAMW	1	f 37	64	23	80	2.01	( 1.09- 3.72)
12	LEE	4	m -	-	-	-	1.30	( 0.38- 4.39)
12	LEE	6	f -	-	-	-	1.00	( 0.37- 2.71)
Subtotal 12								1.11 ( 0.51- 2.40)
13	BROWN1	2	f -	-	-	-	1.68	( 0.39- 6.90)
19	BUTLER	2	f -	-	-	-	2.02	( 0.48- 8.56)
22	SHIMIZ	2	f 52	91	38	72	1.08	( 0.64- 1.82)
25	SVENSS	5	f -	-	-	-	1.36	( 0.53- 3.49)
28	SOBUE	2	f -	-	-	-	1.13	( 0.78- 1.63)
29	WU-WIL	4	f -	-	-	-	0.70	( 0.60- 0.90)
30	LIUZ	2	f -	-	-	-	0.77	( 0.30- 1.96)
39	SCHWAR	8	c -	-	-	-	1.10	( 0.80- 1.60)
40	SUN	2	f -	-	-	-	1.16	( 0.80- 1.69)
41	WANGS	1	f 67	60	15	34	2.53	( 1.26- 5.10)
45	AUVINE	2	m -	-	-	-	0.69	( 0.28- 1.74)
52	SPEIZE	1	f -	-	-	-	1.50	( 0.30- 6.30)
58	LAGARD	6	c -	-	-	-	1.15	( 0.91- 1.45)
59	NISHIN	2	f -	-	-	-	1.80	( 0.67- 4.60)
62	SEOW	1	f 91	300	85	362	1.29	( 0.93- 1.80)
63	ENSTRO	6	m -	-	-	-	0.63	( 0.33- 1.22)
63	ENSTRO	12	f -	-	-	-	0.94	( 0.66- 1.33)
Subtotal 63								0.86 ( 0.63- 1.17)
64	ZATLOU	6	f -	-	-	-	0.48	( 0.21- 1.09)
67	EPICA	7	c -	-	-	-	0.84	( 0.38- 1.90)
69	FRANCO	1	c -	-	-	-	1.80	( 1.10- 3.00)
70	GORLOV	1	m -	-	-	-	1.41	( 0.60- 3.30)
70	GORLOV	2	f -	-	-	-	1.15	( 0.63- 2.10)
Subtotal 70								1.23 ( 0.75- 2.01)
71	RYLAND	3	c -	-	-	-	1.37	( 0.72- 2.61)
75	HILL1	3	m -	-	-	-	1.08	( 0.56- 2.09)
75	HILL1	2	f -	-	-	-	1.00	( 0.49- 2.01)
Subtotal 75								1.04 ( 0.64- 1.69)
76	HILL2	1	m -	-	-	-	1.45	( 0.75- 2.81)
76	HILL2	3	f -	-	-	-	1.38	( 0.78- 2.41)
Subtotal 76								1.41 ( 0.92- 2.16)
77	ASOMAN	4	c 25	96	9	32	0.93	( 0.39- 2.19)
78	GALLEG	1	c 30	90	2	48	8.00	( 1.83- 34.92)
80	YANG	2	c -	-	-	-	2.00	( 1.30- 3.00)
83	LIANG	2	f141	149	85	130	1.45	( 1.01- 2.07)
85	HOSSEI	13	m 0	4	26	166	0.70~	( 0.04- 13.34)
85	HOSSEI	14	f 21	28	34	91	2.01	( 1.01- 4.00)
Subtotal 85								1.90 ( 0.97- 3.72)
86	JIANG	1	c -	-	-	-	2.27	( 1.23- 4.18)
Partial Totals			516	968	385	1105		

\*prospective study

~ With 0.5 adjustment for zero

No assoc - no results presente

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
10	WU	3	f -	-	-	-	1.20	( 0.50- 3.30)
Partial Totals								
			0	0	0	0		

\*prospective study

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
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Table 47  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By any study results available on dose-response or not - adjusted

Results presented

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3							2.04 ( 0.91-	4.61)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
6	HIRAYA	2	m -	-	-	-	2.25 ( 1.05-	4.76)
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
Subtotal 6							1.57 ( 1.14-	2.17)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
11	AKIBA	2	m -	-	-	-	1.80 ( 0.39-	6.96)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
Subtotal 11							1.53 ( 0.92-	2.55)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
15	HUMBL1	2	m -	-	-	-	4.08 ( 0.70-	23.91)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
Subtotal 15							2.60 ( 1.04-	6.53)
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49-	15.21)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
Subtotal 23							1.71 ( 1.00-	2.93)
24	HOLE	3	c -	-	-	-	2.41 ( 0.45-	12.83)
26	JANERI	4	c -	-	-	-	0.75 ( 0.48-	1.18)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
36	LAYARD	2	m -	-	-	-	1.47 ( 0.55-	3.94)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
Subtotal 36							0.78 ( 0.45-	1.34)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
38	KABAT2	4	m -	-	-	-	1.60 ( 0.67-	3.82)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
Subtotal 38							1.22 ( 0.75-	1.99)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
43	CARDEN	12	m -	-	-	-	1.10 ( 0.60-	1.80)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
Subtotal 43							1.17 ( 0.87-	1.57)
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44							1.56 ( 0.80-	3.06)
46	BOFFET	7	m -	-	-	-	1.47 ( 0.81-	2.66)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
Subtotal 46							1.15 ( 0.93-	1.42)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50-	1.80)
50	JEE	4	f -	-	-	-	1.72 ( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80-	1.50)
54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)
55	MALATS	12	c -	-	-	-	1.50 ( 0.80-	2.60)
56	WANGL	34	m -	-	-	-	0.56 ( 0.20-	1.40)
56	WANGL	36	f -	-	-	-	1.03 ( 0.60-	1.70)
Subtotal 56							0.90 ( 0.57-	1.42)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
60	OHNO	6	f -	-	-	-	1.00 ( 0.67-	1.49)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 47  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By any study results available on dose-response or not - adjusted

Results presented

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
65	IARCKR	3	m -	-	-	-	0.40 ( 0.10-	3.00)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
Subtotal 65							0.76 ( 0.48-	1.20)
66	MCGHEE	1	m -	-	-	-	1.34 ( 0.82-	2.17)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
Subtotal 66							1.36 ( 1.01-	1.85)
68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
72	WEN	1	f -	-	-	-	1.09 ( 0.74-	1.61)
73	YU	1	f -	-	-	-	1.35 ( 0.70-	2.63)
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78-	2.03)
82	TSE	10	m -	-	-	-	0.90 ( 0.57-	1.41)
84	BRENNE	13	c 50	247	101	199	0.40 ( 0.27-	0.59)
88	LO	2	c -	-	-	-	2.24 ( 1.70-	2.96)
Partial Totals			820	96708	515	83300		

\*prospective study

	None	No assoc	Sig assoc	Results	Total
Relative risks					
	N	40	1	64	105
	NS	33	1	50	84
	Wt	572.87	4.31	1068.90	1646.08
	Het Chi	74.71	0.00	123.70	202.32
	Het df	39	0	63	104
	Het P	***	N.S.	***	***
	Fixed RR	1.12	1.20	1.25	1.20
	RRl	1.04	0.47	1.17	1.14
	RRu	1.22	3.08	1.32	1.26
	P	++	N.S.	+++	+++
	Random RR	1.20	1.20	1.27	1.25
	RRl	1.06	0.47	1.15	1.15
	RRu	1.37	3.08	1.39	1.34
	P	++	N.S.	+++	+++
	Asymm P	(*)		N.S.	(*)
	Between Chi		0.02	3.90	3.90
	Between df		1	1	2
	Between P		N.S.	N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 48  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By spouse the index or not - adjusted

		Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85- 1.61)
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43- 1.30)
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38- 10.32)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81- 5.25)
Subtotal 3							2.04 ( 0.91- 4.61)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20- 3.59)
6	HIRAYA	2	m -	-	-	-	2.25 ( 1.05- 4.76)
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02- 2.08)
Subtotal 6							1.57 ( 1.14- 2.17)
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20- 5.07)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25- 2.45)
Subtotal 7							0.85 ( 0.34- 2.16)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81- 1.87)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09- 3.72)
10	WU	3	f -	-	-	-	1.20 ( 0.50- 3.30)
11	AKIBA	2	m -	-	-	-	1.80 ( 0.39- 6.96)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93- 2.76)
Subtotal 11							1.53 ( 0.92- 2.55)
12	LEE	4	m -	-	-	-	1.30 ( 0.38- 4.39)
12	LEE	6	f -	-	-	-	1.00 ( 0.37- 2.71)
Subtotal 12							1.11 ( 0.51- 2.40)
14	GAO	8	f -	-	-	-	1.30 ( 0.87- 1.94)
15	HUMBL1	2	m -	-	-	-	4.08 ( 0.70- 23.91)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76- 6.56)
Subtotal 15							2.60 ( 1.04- 6.53)
16	KOO	3	f -	-	-	-	1.64 ( 0.87- 3.09)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16- 2.35)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70- 2.10)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48- 8.56)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08- 4.29)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77- 8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64- 1.82)
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49- 15.21)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92- 2.87)
Subtotal 23							1.71 ( 1.00- 2.93)
26	JANERI	4	c -	-	-	-	0.75 ( 0.48- 1.18)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09- 4.08)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78- 1.63)
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60- 0.90)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80- 1.20)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80- 3.00)
33	DU	1	f 47	154	28	100	1.09 ( 0.64- 1.85)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77- 3.87)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04- 1.60)
36	LAYARD	2	m -	-	-	-	1.47 ( 0.55- 3.94)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30- 1.13)
Subtotal 36							0.78 ( 0.45- 1.34)
38	KABAT2	4	m -	-	-	-	1.60 ( 0.67- 3.82)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60- 1.94)
Subtotal 38							1.22 ( 0.75- 1.99)
40	SUN	2	f -	-	-	-	1.16 ( 0.80- 1.69)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67- 1.84)
43	CARDEN	12	m -	-	-	-	1.10 ( 0.60- 1.80)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80- 1.60)
Subtotal 43							1.17 ( 0.87- 1.57)
46	BOFFET	7	m -	-	-	-	1.47 ( 0.81- 2.66)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88- 1.39)
Subtotal 46							1.15 ( 0.93- 1.42)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06- 2.21)
49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50- 1.80)
50	JEE	4	f -	-	-	-	1.72 ( 0.93- 3.18)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50- 2.90)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80- 1.50)
54	LEECH	8	f -	-	-	-	1.87 ( 1.29- 2.71)
55	MALATS	12	c -	-	-	-	1.50 ( 0.80- 2.60)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 48  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By spouse the index or not - adjusted

Yes

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67- 4.60)	
60	OHNO	6	f -	-	-	-	1.00 ( 0.67- 1.49)	
63	ENSTRO	6	m -	-	-	-	0.63 ( 0.33- 1.22)	
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66- 1.33)	
Subtotal 63							0.86 ( 0.63- 1.17)	
65	IARCKR	3	m -	-	-	-	0.40 ( 0.10- 3.00)	
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50- 1.30)	
Subtotal 65							0.76 ( 0.48- 1.20)	
72	WEN	1	f -	-	-	-	1.09 ( 0.74- 1.61)	
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78- 2.03)	
85	HOSSEI	13	m 0	4	26	166	0.70~( 0.04- 13.34)	
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01- 4.00)	
Subtotal 85							1.90 ( 0.97- 3.72)	
Partial Totals			749	96140	547	83388		

\*prospective study

~ With 0.5 adjustment for zero

No

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14- 1.79)	
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34- 1.90)	
Subtotal 5							0.69 ( 0.34- 1.41)	
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39- 6.90)	
24	HOLE	3	c -	-	-	-	2.41 ( 0.45- 12.83)	
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53- 3.49)	
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30- 1.96)	
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84- 7.85)	
39	SCHWAR	8	c -	-	-	-	1.10 ( 0.80- 1.60)	
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26- 5.10)	
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22- 2.04)	
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09- 5.85)	
Subtotal 44							1.56 ( 0.80- 3.06)	
45	AUVINE	2	m -	-	-	-	0.69 ( 0.28- 1.74)	
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31- 1.78)	
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30- 6.30)	
56	WANGL	34	m -	-	-	-	0.56 ( 0.20- 1.40)	
56	WANGL	36	f -	-	-	-	1.03 ( 0.60- 1.70)	
Subtotal 56							0.90 ( 0.57- 1.42)	
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62- 2.30)	
58	LAGARD	6	c -	-	-	-	1.15 ( 0.91- 1.45)	
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93- 1.80)	
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21- 1.09)	
66	MCGHEE	1	m -	-	-	-	1.34 ( 0.82- 2.17)	
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94- 2.04)	
Subtotal 66							1.36 ( 1.01- 1.85)	
67	EPICA	7	c -	-	-	-	0.84 ( 0.38- 1.90)	
68	FANG	2	f -	-	-	-	1.77 ( 1.07- 2.92)	
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10- 3.00)	
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60- 3.30)	
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63- 2.10)	
Subtotal 70							1.23 ( 0.75- 2.01)	
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72- 2.61)	
73	YU	1	f -	-	-	-	1.35 ( 0.70- 2.63)	
75	HILL1	3	m -	-	-	-	1.08 ( 0.56- 2.09)	
75	HILL1	2	f -	-	-	-	1.00 ( 0.49- 2.01)	
Subtotal 75							1.04 ( 0.64- 1.69)	
76	HILL2	1	m -	-	-	-	1.45 ( 0.75- 2.81)	
76	HILL2	3	f -	-	-	-	1.38 ( 0.78- 2.41)	
Subtotal 76							1.41 ( 0.92- 2.16)	
77	ASOMAN	4	c 25	96	9	32	0.93 ( 0.39- 2.19)	
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83- 34.92)	
80	YANG	2	c -	-	-	-	2.00 ( 1.30- 3.00)	
82	TSE	10	m -	-	-	-	0.90 ( 0.57- 1.41)	
83	LIANG	2	f141	149	85	130	1.45 ( 1.01- 2.07)	

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 48  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By spouse the index or not - adjusted

No			Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
84	BRENNE	13	c 50	247	101	199	0.40 (	0.27- 0.59)
86	JIANG	1	c -	-	-	-	2.27 (	1.23- 4.18)
88	LO	2	c -	-	-	-	2.24 (	1.70- 2.96)
Partial Totals			587	1536	353	1017		

\*prospective study

Relative risks				
		Yes	No	Total
	N	64	41	105
	NS	50	34	84
	Wt	1112.34	533.74	1646.08
	Het Chi	98.91	101.00	202.32
	Het df	63	40	104
	Het P	**	***	***
Fixed	RR	1.17	1.27	1.20
	RRl	1.10	1.17	1.14
	RRu	1.24	1.38	1.26
	P	+++	+++	+++
Random	RR	1.23	1.24	1.25
	RRl	1.13	1.07	1.15
	RRu	1.34	1.44	1.34
	P	+++	++	+++
Asymm	P	**	N.S.	(*)
Between	Chi		2.42	2.42
Between	df		1	1
Between	P		N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 49  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By end year of study (grouped) - adjusted

-1979								
StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 (	0.85- 1.61)
2	CHAN	1	f 34	66	50	73	0.75 (	0.43- 1.30)
Totals			122	94946	115	81932		

\*prospective study

1980-89								
StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
3	CORREA	1	m 2	26	6	154	1.97 (	0.38- 10.32)
3	CORREA	2	f 14	61	8	72	2.07 (	0.81- 5.25)
Subtotal 3							2.04 (	0.91- 4.61)
4	TRICHO	1	f 53	116	24	109	2.08 (	1.20- 3.59)
5	BUFFLE	1	m 5	56	6	34	0.51 (	0.14- 1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 (	0.34- 1.90)
Subtotal 5							0.69 (	0.34- 1.41)
6	HIRAYA	2	m -	-	-	-	2.25 (	1.05- 4.76)
6	HIRAYA	8	f -	-	-	-	1.45 (	1.02- 2.08)
Subtotal 6							1.57 (	1.14- 2.17)
7	KABAT1	3	m 5	5	7	7	1.00 (	0.20- 5.07)
7	KABAT1	4	f 13	15	11	10	0.79 (	0.25- 2.45)
Subtotal 7							0.85 (	0.34- 2.16)
8	GARFI2	3	f 91	254	43	148	1.23 (	0.81- 1.87)
9	LAMW	1	f 37	64	23	80	2.01 (	1.09- 3.72)
10	WU	3	f -	-	-	-	1.20 (	0.50- 3.30)
11	AKIBA	2	m -	-	-	-	1.80 (	0.39- 6.96)
11	AKIBA	4	f -	-	-	-	1.50 (	0.93- 2.76)
Subtotal 11							1.53 (	0.92- 2.55)
12	LEE	4	m -	-	-	-	1.30 (	0.38- 4.39)
12	LEE	6	f -	-	-	-	1.00 (	0.37- 2.71)
Subtotal 12							1.11 (	0.51- 2.40)
13	BROWN1	2	f -	-	-	-	1.68 (	0.39- 6.90)
14	GAO	8	f -	-	-	-	1.30 (	0.87- 1.94)
15	HUMBL1	2	m -	-	-	-	4.08 (	0.70- 23.91)
15	HUMBL1	4	f -	-	-	-	2.20 (	0.76- 6.56)
Subtotal 15							2.60 (	1.04- 6.53)
16	KOO	3	f -	-	-	-	1.64 (	0.87- 3.09)
17	LAMT	1	f115	152	84	183	1.65 (	1.16- 2.35)
18	PERSHA	2	f -	-	-	-	1.20 (	0.70- 2.10)
19	BUTLER	2	f -	-	-	-	2.02 (	0.48- 8.56)
20	GENG	1	f 34	41	20	52	2.16 (	1.08- 4.29)
21	INOUE	2	f -	-	-	-	2.25 (	0.77- 8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08 (	0.64- 1.82)
23	CHOI	1	m 2	6	11	90	2.73 (	0.49- 15.21)
23	CHOI	2	f 49	88	26	76	1.63 (	0.92- 2.87)
Subtotal 23							1.71 (	1.00- 2.93)
24	HOLE	3	c -	-	-	-	2.41 (	0.45- 12.83)
25	SVENSS	5	f -	-	-	-	1.36 (	0.53- 3.49)
26	JANERI	4	c -	-	-	-	0.75 (	0.48- 1.18)
27	KALAND	3	f -	-	-	-	2.11 (	1.09- 4.08)
28	SOBUE	2	f -	-	-	-	1.13 (	0.78- 1.63)
29	WU-WIL	4	f -	-	-	-	0.70 (	0.60- 0.90)
30	LIUZ	2	f -	-	-	-	0.77 (	0.30- 1.96)
33	DU	1	f 47	154	28	100	1.09 (	0.64- 1.85)
34	LIUQ	2	f -	-	-	-	1.72 (	0.77- 3.87)
35	FONTHA	6	f -	-	-	-	1.29 (	1.04- 1.60)
36	LAYARD	2	m -	-	-	-	1.47 (	0.55- 3.94)
36	LAYARD	4	f -	-	-	-	0.58 (	0.30- 1.13)
Subtotal 36							0.78 (	0.45- 1.34)
39	SCHWAR	8	c -	-	-	-	1.10 (	0.80- 1.60)
43	CARDEN	12	m -	-	-	-	1.10 (	0.60- 1.80)
43	CARDEN	10	f -	-	-	-	1.20 (	0.80- 1.60)
Subtotal 43							1.17 (	0.87- 1.57)
75	HILL1	3	m -	-	-	-	1.08 (	0.56- 2.09)
75	HILL1	2	f -	-	-	-	1.00 (	0.49- 2.01)
Subtotal 75							1.04 (	0.64- 1.69)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 49  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By end year of study (grouped) - adjusted

1980-89

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
Partial	Totals		Case	Cont	Case	Cont		
			552	1293	343	1219		

\*prospective study

1990-

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
Case	Cont	Case	Cont	Case	Cont			
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80- 1.20)	
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80- 3.00)	
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84- 7.85)	
38	KABAT2	4	m -	-	-	-	1.60 ( 0.67- 3.82)	
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60- 1.94)	
Subtotal 38							1.22 ( 0.75- 1.99)	
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67- 1.84)	
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22- 2.04)	
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09- 5.85)	
Subtotal 44							1.56 ( 0.80- 3.06)	
45	AUVINE	2	m -	-	-	-	0.69 ( 0.28- 1.74)	
46	BOFFET	7	m -	-	-	-	1.47 ( 0.81- 2.66)	
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88- 1.39)	
Subtotal 46							1.15 ( 0.93- 1.42)	
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31- 1.78)	
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06- 2.21)	
49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50- 1.80)	
50	JEE	4	f -	-	-	-	1.72 ( 0.93- 3.18)	
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50- 2.90)	
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30- 6.30)	
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80- 1.50)	
54	LEECH	8	f -	-	-	-	1.87 ( 1.29- 2.71)	
56	WANGL	34	m -	-	-	-	0.56 ( 0.20- 1.40)	
56	WANGL	36	f -	-	-	-	1.03 ( 0.60- 1.70)	
Subtotal 56							0.90 ( 0.57- 1.42)	
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62- 2.30)	
58	LAGARD	6	c -	-	-	-	1.15 ( 0.91- 1.45)	
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67- 4.60)	
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93- 1.80)	
63	ENSTRO	6	m -	-	-	-	0.63 ( 0.33- 1.22)	
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66- 1.33)	
Subtotal 63							0.86 ( 0.63- 1.17)	
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21- 1.09)	
65	IARCKR	3	m -	-	-	-	0.40 ( 0.10- 3.00)	
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50- 1.30)	
Subtotal 65							0.76 ( 0.48- 1.20)	
66	MCGHEE	1	m -	-	-	-	1.34 ( 0.82- 2.17)	
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94- 2.04)	
Subtotal 66							1.36 ( 1.01- 1.85)	
67	EPICA	7	c -	-	-	-	0.84 ( 0.38- 1.90)	
68	FANG	2	f -	-	-	-	1.77 ( 1.07- 2.92)	
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10- 3.00)	
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60- 3.30)	
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63- 2.10)	
Subtotal 70							1.23 ( 0.75- 2.01)	
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72- 2.61)	
72	WEN	1	f -	-	-	-	1.09 ( 0.74- 1.61)	
73	YU	1	f -	-	-	-	1.35 ( 0.70- 2.63)	
76	HILL2	1	m -	-	-	-	1.45 ( 0.75- 2.81)	
76	HILL2	3	f -	-	-	-	1.38 ( 0.78- 2.41)	
Subtotal 76							1.41 ( 0.92- 2.16)	
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83- 34.92)	
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78- 2.03)	
80	YANG	2	c -	-	-	-	2.00 ( 1.30- 3.00)	
82	TSE	10	m -	-	-	-	0.90 ( 0.57- 1.41)	
83	LIANG	2	f141	149	85	130	1.45 ( 1.01- 2.07)	
84	BRENNE	13	c 50	247	101	199	0.40 ( 0.27- 0.59)	
85	HOSSEI	13	m 0	4	26	166	0.70~( 0.04- 13.34)	
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01- 4.00)	

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 49  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By end year of study (grouped) - adjusted

1990-

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
Subtotal 85								
86	JIANG	1	c -	-	-	-	2.27	( 1.23- 4.18)
88	LO	2	c -	-	-	-	2.24	( 1.70- 2.96)
Partial Totals			570	1281	418	1188		

\*prospective study

~ With 0.5 adjustment for zero

Unknown

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
40	SUN	2	f -	-	-	-	1.16	( 0.80- 1.69)
41	WANGS	1	f 67	60	15	34	2.53	( 1.26- 5.10)
55	MALATS	12	c -	-	-	-	1.50	( 0.80- 2.60)
60	OHNO	6	f -	-	-	-	1.00	( 0.67- 1.49)
77	ASOMAN	4	c 25	96	9	32	0.93	( 0.39- 2.19)
Partial Totals			92	156	24	66		

\*prospective study

	-1979	1980-89	1990-	Unknown	Total
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Relative risks

N	2	46	52	5	105
NS	2	35	42	5	84
Wt	50.20	616.77	903.51	75.61	1646.08
Het Chi	1.85	72.68	120.34	6.06	202.32
Het df	1	45	51	4	104
Het P	N.S.	**	***	N.S.	***
Fixed RR	1.04	1.18	1.22	1.23	1.20
RRl	0.79	1.09	1.14	0.98	1.14
RRu	1.38	1.28	1.30	1.54	1.26
P	N.S.	+++	+++	(+)	+++
Random RR	0.99	1.27	1.24	1.27	1.25
RRl	0.66	1.13	1.10	0.94	1.15
RRu	1.51	1.42	1.38	1.70	1.34
P	N.S.	+++	+++	N.S.	+++
Asymm P		*	N.S.	N.S.	(*)
Between Chi		0.73	1.17	0.78	1.40
Between df		1	1	1	3
Between P		N.S.	N.S.	N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 50  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By considered by EPA or not - adjusted

No	StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
	23	CHOI	1	m 2	6	11	90	2.73 ( 0.49-	15.21)
	23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
	Subtotal 23							1.71 ( 1.00-	2.93)
	31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
	32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
	33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
	34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
	36	LAYARD	2	m -	-	-	-	1.47 ( 0.55-	3.94)
	36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
	Subtotal 36							0.78 ( 0.45-	1.34)
	37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
	38	KABAT2	4	m -	-	-	-	1.60 ( 0.67-	3.82)
	38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
	Subtotal 38							1.22 ( 0.75-	1.99)
	39	SCHWAR	8	c -	-	-	-	1.10 ( 0.80-	1.60)
	40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
	41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
	42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
	43	CARDEN	12	m -	-	-	-	1.10 ( 0.60-	1.80)
	43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
	Subtotal 43							1.17 ( 0.87-	1.57)
	44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22-	2.04)
	44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
	Subtotal 44							1.56 ( 0.80-	3.06)
	45	AUVINE	2	m -	-	-	-	0.69 ( 0.28-	1.74)
	46	BOFFET	7	m -	-	-	-	1.47 ( 0.81-	2.66)
	46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
	Subtotal 46							1.15 ( 0.93-	1.42)
	47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
	48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
	49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50-	1.80)
	50	JEE	4	f -	-	-	-	1.72 ( 0.93-	3.18)
	51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
	52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
	53	ZHONG	2	f -	-	-	-	1.10 ( 0.80-	1.50)
	54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)
	55	MALATS	12	c -	-	-	-	1.50 ( 0.80-	2.60)
	56	WANGL	34	m -	-	-	-	0.56 ( 0.20-	1.40)
	56	WANGL	36	f -	-	-	-	1.03 ( 0.60-	1.70)
	Subtotal 56							0.90 ( 0.57-	1.42)
	57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
	58	LAGARD	6	c -	-	-	-	1.15 ( 0.91-	1.45)
	59	NISHIN	2	f -	-	-	-	1.80 ( 0.67-	4.60)
	60	OHNO	6	f -	-	-	-	1.00 ( 0.67-	1.49)
	62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
	63	ENSTRO	6	m -	-	-	-	0.63 ( 0.33-	1.22)
	63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
	Subtotal 63							0.86 ( 0.63-	1.17)
	64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
	65	IARCKR	3	m -	-	-	-	0.40 ( 0.10-	3.00)
	65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
	Subtotal 65							0.76 ( 0.48-	1.20)
	66	MCGHEE	1	m -	-	-	-	1.34 ( 0.82-	2.17)
	66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
	Subtotal 66							1.36 ( 1.01-	1.85)
	67	EPICA	7	c -	-	-	-	0.84 ( 0.38-	1.90)
	68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
	69	FRANCO	1	c -	-	-	-	1.80 ( 1.10-	3.00)
	70	GORLOV	1	m -	-	-	-	1.41 ( 0.60-	3.30)
	70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
	Subtotal 70							1.23 ( 0.75-	2.01)
	71	RYLAND	3	c -	-	-	-	1.37 ( 0.72-	2.61)
	72	WEN	1	f -	-	-	-	1.09 ( 0.74-	1.61)
	73	YU	1	f -	-	-	-	1.35 ( 0.70-	2.63)
	75	HILL1	3	m -	-	-	-	1.08 ( 0.56-	2.09)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 50  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By considered by EPA or not - adjusted

No

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
75	HILL1	2	f -	-	-	-	1.00 ( 0.49- 2.01)	
Subtotal 75								
76	HILL2	1	m -	-	-	-	1.45 ( 0.75- 2.81)	
76	HILL2	3	f -	-	-	-	1.38 ( 0.78- 2.41)	
Subtotal 76								
77	ASOMAN	4	c 25	96	9	32	0.93 ( 0.39- 2.19)	
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83- 34.92)	
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78- 2.03)	
80	YANG	2	c -	-	-	-	2.00 ( 1.30- 3.00)	
82	TSE	10	m -	-	-	-	0.90 ( 0.57- 1.41)	
83	LIANG	2	f141	149	85	130	1.45 ( 1.01- 2.07)	
84	BRENNE	13	c 50	247	101	199	0.40 ( 0.27- 0.59)	
85	HOSSEI	13	m 0	4	26	166	0.70~( 0.04- 13.34)	
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01- 4.00)	
Subtotal 85								
86	JIANG	1	c -	-	-	-	2.27 ( 1.23- 4.18)	
88	LO	2	c -	-	-	-	2.24 ( 1.70- 2.96)	
Partial Totals			760	1685	507	1520		

\*prospective study

~ With 0.5 adjustment for zero

Yes

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85- 1.61)	
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43- 1.30)	
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38- 10.32)	
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81- 5.25)	
Subtotal 3								
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20- 3.59)	
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14- 1.79)	
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34- 1.90)	
Subtotal 5								
6	HIRAYA	2	m -	-	-	-	2.25 ( 1.05- 4.76)	
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02- 2.08)	
Subtotal 6								
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20- 5.07)	
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25- 2.45)	
Subtotal 7								
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81- 1.87)	
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09- 3.72)	
10	WU	3	f -	-	-	-	1.20 ( 0.50- 3.30)	
11	AKIBA	2	m -	-	-	-	1.80 ( 0.39- 6.96)	
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93- 2.76)	
Subtotal 11								
12	LEE	4	m -	-	-	-	1.30 ( 0.38- 4.39)	
12	LEE	6	f -	-	-	-	1.00 ( 0.37- 2.71)	
Subtotal 12								
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39- 6.90)	
14	GAO	8	f -	-	-	-	1.30 ( 0.87- 1.94)	
15	HUMBL1	2	m -	-	-	-	4.08 ( 0.70- 23.91)	
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76- 6.56)	
Subtotal 15								
16	KOO	3	f -	-	-	-	1.64 ( 0.87- 3.09)	
17	LAMT	1	f115	152	84	183	1.65 ( 1.16- 2.35)	
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70- 2.10)	
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48- 8.56)	
20	GENG	1	f 34	41	20	52	2.16 ( 1.08- 4.29)	
21	INOUE	2	f -	-	-	-	2.25 ( 0.77- 8.85)	
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64- 1.82)	
24	HOLE	3	c -	-	-	-	2.41 ( 0.45- 12.83)	
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53- 3.49)	
26	JANERI	4	c -	-	-	-	0.75 ( 0.48- 1.18)	
27	KALAND	3	f -	-	-	-	2.11 ( 1.09- 4.08)	
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78- 1.63)	

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 50  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By considered by EPA or not - adjusted

Yes

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
Partial Totals			576	95991	393	82885		

\*prospective study

No                  Yes                  Total

Relative risks

	N	68	37	105
	NS	54	30	84
	Wt	1117.88	528.21	1646.08
	Het Chi	134.95	67.09	202.32
	Het df	67	36	104
	Het P	***	**	***
Fixed	RR	1.21	1.18	1.20
	RRl	1.14	1.08	1.14
	RRu	1.29	1.28	1.26
	P	+++	+++	+++
Random	RR	1.23	1.29	1.25
	RRl	1.12	1.12	1.15
	RRu	1.34	1.48	1.34
	P	+++	+++	+++
Asymm	P	N.S.	*	(*)
Between	Chi		0.28	0.28
Between	df		1	1
Between	P		N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 51  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes

By never smoker definition - adjusted  
 Never smoker definition 'Other' may include 'Smoked for a limited period' or 'Smoked occasionally'

Never			Number Exposed		Non-exposed			95.00%CI	
StN	Ref	NRR	Case	Cont	Case	Cont	RR		
2	CHAN	1	f 34	66	50	73	0.75	( 0.43-	1.30)
3	CORREA	1	m 2	26	6	154	1.97	( 0.38-	10.32)
3	CORREA	2	f 14	61	8	72	2.07	( 0.81-	5.25)
Subtotal 3							2.04	( 0.91-	4.61)
4	TRICHO	1	f 53	116	24	109	2.08	( 1.20-	3.59)
5	BUFFLE	1	m 5	56	6	34	0.51	( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80	( 0.34-	1.90)
Subtotal 5							0.69	( 0.34-	1.41)
6	HIRAYA	2	m -	-	-	-	2.25	( 1.05-	4.76)
6	HIRAYA	8	f -	-	-	-	1.45	( 1.02-	2.08)
Subtotal 6							1.57	( 1.14-	2.17)
7	KABAT1	3	m 5	5	7	7	1.00	( 0.20-	5.07)
7	KABAT1	4	f 13	15	11	10	0.79	( 0.25-	2.45)
Subtotal 7							0.85	( 0.34-	2.16)
8	GARFI2	3	f 91	254	43	148	1.23	( 0.81-	1.87)
9	LAMW	1	f 37	64	23	80	2.01	( 1.09-	3.72)
10	WU	3	f -	-	-	-	1.20	( 0.50-	3.30)
11	AKIBA	2	m -	-	-	-	1.80	( 0.39-	6.96)
11	AKIBA	4	f -	-	-	-	1.50	( 0.93-	2.76)
Subtotal 11							1.53	( 0.92-	2.55)
12	LEE	4	m -	-	-	-	1.30	( 0.38-	4.39)
12	LEE	6	f -	-	-	-	1.00	( 0.37-	2.71)
Subtotal 12							1.11	( 0.51-	2.40)
13	BROWN1	2	f -	-	-	-	1.68	( 0.39-	6.90)
14	GAO	8	f -	-	-	-	1.30	( 0.87-	1.94)
18	PERSHA	2	f -	-	-	-	1.20	( 0.70-	2.10)
19	BUTLER	2	f -	-	-	-	2.02	( 0.48-	8.56)
20	GENG	1	f 34	41	20	52	2.16	( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25	( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08	( 0.64-	1.82)
23	CHOI	1	m 2	6	11	90	2.73	( 0.49-	15.21)
23	CHOI	2	f 49	88	26	76	1.63	( 0.92-	2.87)
Subtotal 23							1.71	( 1.00-	2.93)
24	HOLE	3	c -	-	-	-	2.41	( 0.45-	12.83)
27	KALAND	3	f -	-	-	-	2.11	( 1.09-	4.08)
28	SOBUE	2	f -	-	-	-	1.13	( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70	( 0.60-	0.90)
31	BROWN2	4	f -	-	-	-	1.00	( 0.80-	1.20)
33	DU	1	f 47	154	28	100	1.09	( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72	( 0.77-	3.87)
38	KABAT2	4	m -	-	-	-	1.60	( 0.67-	3.82)
38	KABAT2	6	f -	-	-	-	1.08	( 0.60-	1.94)
Subtotal 38							1.22	( 0.75-	1.99)
39	SCHWAR	8	c -	-	-	-	1.10	( 0.80-	1.60)
40	SUN	2	f -	-	-	-	1.16	( 0.80-	1.69)
41	WANGS	1	f 67	60	15	34	2.53	( 1.26-	5.10)
42	WANGT	2	f 92	89	43	46	1.11	( 0.67-	1.84)
43	CARDEN	12	m -	-	-	-	1.10	( 0.60-	1.80)
43	CARDEN	10	f -	-	-	-	1.20	( 0.80-	1.60)
Subtotal 43							1.17	( 0.87-	1.57)
45	AUVINE	2	m -	-	-	-	0.69	( 0.28-	1.74)
47	SHEN	1	f 56	59	14	11	0.75	( 0.31-	1.78)
48	ZARIDZ	4	f -	-	-	-	1.53	( 1.06-	2.21)
52	SPEIZE	1	f -	-	-	-	1.50	( 0.30-	6.30)
59	NISHIN	2	f -	-	-	-	1.80	( 0.67-	4.60)
63	ENSTRO	6	m -	-	-	-	0.63	( 0.33-	1.22)
63	ENSTRO	12	f -	-	-	-	0.94	( 0.66-	1.33)
Subtotal 63							0.86	( 0.63-	1.17)
66	MCGHEE	1	m -	-	-	-	1.34	( 0.82-	2.17)
66	MCGHEE	2	f -	-	-	-	1.38	( 0.94-	2.04)
Subtotal 66							1.36	( 1.01-	1.85)
67	EPICA	7	c -	-	-	-	0.84	( 0.38-	1.90)
68	FANG	2	f -	-	-	-	1.77	( 1.07-	2.92)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 51  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes

By never smoker definition - adjusted  
 Never smoker definition 'Other' may include 'Smoked for a limited period' or 'Smoked occasionally'

Never

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10- 3.00)	
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72- 2.61)	
72	WEN	1	f -	-	-	-	1.09 ( 0.74- 1.61)	
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83- 34.92)	
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78- 2.03)	
83	LIANG	2	f141	149	85	130	1.45 ( 1.01- 2.07)	
86	JIANG	1	c -	-	-	-	2.27 ( 1.23- 4.18)	
88	LO	2	c -	-	-	-	2.24 ( 1.70- 2.96)	
Partial Totals			857	1654	468	1378		

\*prospective study

Other

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85- 1.61)	
15	HUMBL1	2	m -	-	-	-	4.08 ( 0.70- 23.91)	
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76- 6.56)	
Subtotal 15							2.60 ( 1.04- 6.53)	
16	KOO	3	f -	-	-	-	1.64 ( 0.87- 3.09)	
17	LAMT	1	f115	152	84	183	1.65 ( 1.16- 2.35)	
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53- 3.49)	
26	JANERI	4	c -	-	-	-	0.75 ( 0.48- 1.18)	
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30- 1.96)	
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80- 3.00)	
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04- 1.60)	
36	LAYARD	2	m -	-	-	-	1.47 ( 0.55- 3.94)	
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30- 1.13)	
Subtotal 36							0.78 ( 0.45- 1.34)	
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84- 7.85)	
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22- 2.04)	
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09- 5.85)	
Subtotal 44							1.56 ( 0.80- 3.06)	
46	BOFFET	7	m -	-	-	-	1.47 ( 0.81- 2.66)	
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88- 1.39)	
Subtotal 46							1.15 ( 0.93- 1.42)	
49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50- 1.80)	
50	JEE	4	f -	-	-	-	1.72 ( 0.93- 3.18)	
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50- 2.90)	
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80- 1.50)	
54	LEECH	8	f -	-	-	-	1.87 ( 1.29- 2.71)	
55	MALATS	12	c -	-	-	-	1.50 ( 0.80- 2.60)	
56	WANGL	34	m -	-	-	-	0.56 ( 0.20- 1.40)	
56	WANGL	36	f -	-	-	-	1.03 ( 0.60- 1.70)	
Subtotal 56							0.90 ( 0.57- 1.42)	
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62- 2.30)	
58	LAGARD	6	c -	-	-	-	1.15 ( 0.91- 1.45)	
60	OHNO	6	f -	-	-	-	1.00 ( 0.67- 1.49)	
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93- 1.80)	
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21- 1.09)	
65	IARCKR	3	m -	-	-	-	0.40 ( 0.10- 3.00)	
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50- 1.30)	
Subtotal 65							0.76 ( 0.48- 1.20)	
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60- 3.30)	
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63- 2.10)	
Subtotal 70							1.23 ( 0.75- 2.01)	
73	YU	1	f -	-	-	-	1.35 ( 0.70- 2.63)	
75	HILL1	3	m -	-	-	-	1.08 ( 0.56- 2.09)	
75	HILL1	2	f -	-	-	-	1.00 ( 0.49- 2.01)	
Subtotal 75							1.04 ( 0.64- 1.69)	
76	HILL2	1	m -	-	-	-	1.45 ( 0.75- 2.81)	
76	HILL2	3	f -	-	-	-	1.38 ( 0.78- 2.41)	
Subtotal 76							1.41 ( 0.92- 2.16)	
77	ASOMAN	4	c 25	96	9	32	0.93 ( 0.39- 2.19)	

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 51  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By never smoker definition - adjusted  
 Never smoker definition 'Other' may include 'Smoked for a limited period' or 'Smoked occasionally'

Other

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
80	YANG	2	c -	-	-	-	2.00 (	1.30- 3.00)
82	TSE	10	m -	-	-	-	0.90 (	0.57- 1.41)
84	BRENNE	13	c 50	247	101	199	0.40 (	0.27- 0.59)
85	HOSSEI	13	m 0	4	26	166	0.70~(	0.04- 13.34)
85	HOSSEI	14	f 21	28	34	91	2.01 (	1.01- 4.00)
Subtotal 85							1.90 (	0.97- 3.72)
Partial Totals			479	96022	432	83027		

\*prospective study

~ With 0.5 adjustment for zero

		Never	Other	Total
Relative risks	N	60	45	105
	NS	49	35	84
	Wt	911.03	735.05	1646.08
	Het Chi	113.85	87.54	202.32
	Het df	59	44	104
	Het P	***	***	***
Fixed	RR	1.23	1.17	1.20
	RRl	1.15	1.09	1.14
	RRu	1.31	1.26	1.26
	P	+++	+++	+++
Random	RR	1.31	1.17	1.25
	RRl	1.18	1.04	1.15
	RRu	1.45	1.31	1.34
	P	+++	++	+++
Asymm	P	*	N.S.	(*)
Between	Chi		0.94	0.94
Between	df		1	1
Between	P		N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 52  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By interview method/setting - adjusted

Hospital

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20-	5.07)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
Subtotal 7							0.85 ( 0.34-	2.16)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
12	LEE	4	m -	-	-	-	1.30 ( 0.38-	4.39)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
Subtotal 12							1.11 ( 0.51-	2.40)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
38	KABAT2	4	m -	-	-	-	1.60 ( 0.67-	3.82)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
Subtotal 38							1.22 ( 0.75-	1.99)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
77	ASOMAN	4	c 25	96	9	32	0.93 ( 0.39-	2.19)
85	HOSSEI	13	m 0	4	26	166	0.70~( 0.04-	13.34)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01-	4.00)
Subtotal 85							1.90 ( 0.97-	3.72)
88	LO	2	c -	-	-	-	2.24 ( 1.70-	2.96)
Partial Totals			346	708	242	750		

\*prospective study

~ With 0.5 adjustment for zero

Home

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
6	HIRAYA	2	m -	-	-	-	2.25 ( 1.05-	4.76)
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
Subtotal 6							1.57 ( 1.14-	2.17)
11	AKIBA	2	m -	-	-	-	1.80 ( 0.39-	6.96)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
Subtotal 11							1.53 ( 0.92-	2.55)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
36	LAYARD	2	m -	-	-	-	1.47 ( 0.55-	3.94)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
Subtotal 36							0.78 ( 0.45-	1.34)
43	CARDEN	12	m -	-	-	-	1.10 ( 0.60-	1.80)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
Subtotal 43							1.17 ( 0.87-	1.57)
72	WEN	1	f -	-	-	-	1.09 ( 0.74-	1.61)
Partial Totals			38	220	14	66		

\*prospective study

Telephone

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
39	SCHWAR	8	c -	-	-	-	1.10 ( 0.80-	1.60)
Partial Totals			0	0	0	0		

\*prospective study

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 52  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By interview method/setting - adjusted

Self-completion

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
24	HOLE	3	c -	-	-	-	2.41 ( 0.45-	12.83)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
45	AUVINE	2	m -	-	-	-	0.69 ( 0.28-	1.74)
50	JEE	4	f -	-	-	-	1.72 ( 0.93-	3.18)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67-	4.60)
63	ENSTRO	6	m -	-	-	-	0.63 ( 0.33-	1.22)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
Subtotal 63							0.86 ( 0.63-	1.17)
67	EPICA	7	c -	-	-	-	0.84 ( 0.38-	1.90)
75	HILL1	3	m -	-	-	-	1.08 ( 0.56-	2.09)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)
Subtotal 75							1.04 ( 0.64-	1.69)
76	HILL2	1	m -	-	-	-	1.45 ( 0.75-	2.81)
76	HILL2	3	f -	-	-	-	1.38 ( 0.78-	2.41)
Subtotal 76							1.41 ( 0.92-	2.16)
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78-	2.03)
Partial Totals			140	94971	103	81931		

\*prospective study

Othr/unkn

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3							2.04 ( 0.91-	4.61)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
15	HUMBL1	2	m -	-	-	-	4.08 ( 0.70-	23.91)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
Subtotal 15							2.60 ( 1.04-	6.53)
17	LAMT	1	f 115	152	84	183	1.65 ( 1.16-	2.35)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49-	15.21)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
Subtotal 23							1.71 ( 1.00-	2.93)
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
26	JANERI	4	c -	-	-	-	0.75 ( 0.48-	1.18)
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44							1.56 ( 0.80-	3.06)
46	BOFFET	7	m -	-	-	-	1.47 ( 0.81-	2.66)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
Subtotal 46							1.15 ( 0.93-	1.42)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50-	1.80)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80-	1.50)
55	MALATS	12	c -	-	-	-	1.50 ( 0.80-	2.60)
56	WANGL	34	m -	-	-	-	0.56 ( 0.20-	1.40)
56	WANGL	36	f -	-	-	-	1.03 ( 0.60-	1.70)
Subtotal 56							0.90 ( 0.57-	1.42)
58	LAGARD	6	c -	-	-	-	1.15 ( 0.91-	1.45)
60	OHNO	6	f -	-	-	-	1.00 ( 0.67-	1.49)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 52  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By interview method/setting - adjusted

Othr/unkn

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
65	IARCKR	3	m -	-	-	-	0.40 ( 0.10-	3.00)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
Subtotal 65							0.76 ( 0.48-	1.20)
66	MCGHEE	1	m -	-	-	-	1.34 ( 0.82-	2.17)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
Subtotal 66							1.36 ( 1.01-	1.85)
68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10-	3.00)
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60-	3.30)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
Subtotal 70							1.23 ( 0.75-	2.01)
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72-	2.61)
73	YU	1	f -	-	-	-	1.35 ( 0.70-	2.63)
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83-	34.92)
80	YANG	2	c -	-	-	-	2.00 ( 1.30-	3.00)
82	TSE	10	m -	-	-	-	0.90 ( 0.57-	1.41)
83	LIANG	2	f141	149	85	130	1.45 ( 1.01-	2.07)
84	BRENNE	13	c 50	247	101	199	0.40 ( 0.27-	0.59)
86	JIANG	1	c -	-	-	-	2.27 ( 1.23-	4.18)
Partial Totals			812	1777	541	1658		

\*prospective study

		Hospital	Home Telephone	Self-comp	Othr/unkn	Total
Relative risks						
	N	20	14	4	18	49
	NS	16	9	4	15	40
	Wt	232.37	159.59	142.49	213.10	898.53
	Het Chi	34.27	14.11	0.59	11.47	119.22
	Het df	19	13	3	17	48
	Het P	*	N.S.	N.S.	N.S.	***
	Fixed RR	1.58	1.25	1.04	1.13	1.15
	RRl	1.39	1.07	0.89	0.99	1.08
	RRu	1.80	1.46	1.23	1.29	1.23
	P	+++	++	N.S.	(+)	+++
	Random RR	1.46	1.25	1.04	1.13	1.24
	RRl	1.20	1.05	0.89	0.99	1.10
	RRu	1.77	1.47	1.23	1.29	1.39
	P	+++	++	N.S.	(+)	+++
	Asymm P	*	N.S.	(*)	N.S.	*
	Between Chi		5.29	15.12	12.45	18.19
	Between df		1	1	1	1
	Between P		-	---	---	---

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 53  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By any proxy use or not - adjusted

No	StN	Ref	NRR	Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
	1	GARFI1	1	f 88	94880	65	81859	1.17 (	0.85- 1.61)
	2	CHAN	1	f 34	66	50	73	0.75 (	0.43- 1.30)
	4	TRICHO	1	f 53	116	24	109	2.08 (	1.20- 3.59)
	6	HIRAYA	2	m -	-	-	-	2.25 (	1.05- 4.76)
	6	HIRAYA	8	f -	-	-	-	1.45 (	1.02- 2.08)
	Subtotal 6							1.57 (	1.14- 2.17)
	7	KABAT1	3	m 5	5	7	7	1.00 (	0.20- 5.07)
	7	KABAT1	4	f 13	15	11	10	0.79 (	0.25- 2.45)
	Subtotal 7							0.85 (	0.34- 2.16)
	9	LAMW	1	f 37	64	23	80	2.01 (	1.09- 3.72)
	10	WU	3	f -	-	-	-	1.20 (	0.50- 3.30)
	12	LEE	4	m -	-	-	-	1.30 (	0.38- 4.39)
	12	LEE	6	f -	-	-	-	1.00 (	0.37- 2.71)
	Subtotal 12							1.11 (	0.51- 2.40)
	14	GAO	8	f -	-	-	-	1.30 (	0.87- 1.94)
	16	KOO	3	f -	-	-	-	1.64 (	0.87- 3.09)
	17	LAMT	1	f115	152	84	183	1.65 (	1.16- 2.35)
	19	BUTLER	2	f -	-	-	-	2.02 (	0.48- 8.56)
	22	SHIMIZ	2	f 52	91	38	72	1.08 (	0.64- 1.82)
	23	CHOI	1	m 2	6	11	90	2.73 (	0.49- 15.21)
	23	CHOI	2	f 49	88	26	76	1.63 (	0.92- 2.87)
	Subtotal 23							1.71 (	1.00- 2.93)
	24	HOLE	3	c -	-	-	-	2.41 (	0.45- 12.83)
	25	SVENSS	5	f -	-	-	-	1.36 (	0.53- 3.49)
	27	KALAND	3	f -	-	-	-	2.11 (	1.09- 4.08)
	28	SOBUE	2	f -	-	-	-	1.13 (	0.78- 1.63)
	29	WU-WIL	4	f -	-	-	-	0.70 (	0.60- 0.90)
	30	LIUZ	2	f -	-	-	-	0.77 (	0.30- 1.96)
	34	LIUQ	2	f -	-	-	-	1.72 (	0.77- 3.87)
	37	DEWAAR	1	f 19	124	4	67	2.57 (	0.84- 7.85)
	38	KABAT2	4	m -	-	-	-	1.60 (	0.67- 3.82)
	38	KABAT2	6	f -	-	-	-	1.08 (	0.60- 1.94)
	Subtotal 38							1.22 (	0.75- 1.99)
	40	SUN	2	f -	-	-	-	1.16 (	0.80- 1.69)
	41	WANGS	1	f 67	60	15	34	2.53 (	1.26- 5.10)
	42	WANGT	2	f 92	89	43	46	1.11 (	0.67- 1.84)
	43	CARDEN	12	m -	-	-	-	1.10 (	0.60- 1.80)
	43	CARDEN	10	f -	-	-	-	1.20 (	0.80- 1.60)
	Subtotal 43							1.17 (	0.87- 1.57)
	46	BOFFET	7	m -	-	-	-	1.47 (	0.81- 2.66)
	46	BOFFET	9	f -	-	-	-	1.11 (	0.88- 1.39)
	Subtotal 46							1.15 (	0.93- 1.42)
	47	SHEN	1	f 56	59	14	11	0.75 (	0.31- 1.78)
	48	ZARIDZ	4	f -	-	-	-	1.53 (	1.06- 2.21)
	49	BOFFE2	12	c -	-	-	-	1.00 (	0.50- 1.80)
	50	JEE	4	f -	-	-	-	1.72 (	0.93- 3.18)
	51	RAPITI	2	f -	-	-	-	1.20 (	0.50- 2.90)
	52	SPEIZE	1	f -	-	-	-	1.50 (	0.30- 6.30)
	54	LEECH	8	f -	-	-	-	1.87 (	1.29- 2.71)
	55	MALATS	12	c -	-	-	-	1.50 (	0.80- 2.60)
	59	NISHIN	2	f -	-	-	-	1.80 (	0.67- 4.60)
	60	OHNO	6	f -	-	-	-	1.00 (	0.67- 1.49)
	62	SEOW	1	f 91	300	85	362	1.29 (	0.93- 1.80)
	63	ENSTRO	6	m -	-	-	-	0.63 (	0.33- 1.22)
	63	ENSTRO	12	f -	-	-	-	0.94 (	0.66- 1.33)
	Subtotal 63							0.86 (	0.63- 1.17)
	64	ZATLOU	6	f -	-	-	-	0.48 (	0.21- 1.09)
	65	IARCKR	3	m -	-	-	-	0.40 (	0.10- 3.00)
	65	IARCKR	2	f -	-	-	-	0.80 (	0.50- 1.30)
	Subtotal 65							0.76 (	0.48- 1.20)
	67	EPICA	7	c -	-	-	-	0.84 (	0.38- 1.90)
	68	FANG	2	f -	-	-	-	1.77 (	1.07- 2.92)
	69	FRANCO	1	c -	-	-	-	1.80 (	1.10- 3.00)
	70	GORLOV	1	m -	-	-	-	1.41 (	0.60- 3.30)
	70	GORLOV	2	f -	-	-	-	1.15 (	0.63- 2.10)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 53  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By any proxy use or not - adjusted

No

StN	Ref	NRR	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
Subtotal 70							1.23	( 0.75- 2.01)
71	RYLAND	3	c -	-	-	-	1.37	( 0.72- 2.61)
72	WEN	1	f -	-	-	-	1.09	( 0.74- 1.61)
75	HILL1	3	m -	-	-	-	1.08	( 0.56- 2.09)
75	HILL1	2	f -	-	-	-	1.00	( 0.49- 2.01)
Subtotal 75							1.04	( 0.64- 1.69)
76	HILL2	1	m -	-	-	-	1.45	( 0.75- 2.81)
76	HILL2	3	f -	-	-	-	1.38	( 0.78- 2.41)
Subtotal 76							1.41	( 0.92- 2.16)
78	GALLEG	1	c 30	90	2	48	8.00	( 1.83- 34.92)
79	KURAHA	10	f -	-	-	-	1.26	( 0.78- 2.03)
82	TSE	10	m -	-	-	-	0.90	( 0.57- 1.41)
83	LIANG	2	f141	149	85	130	1.45	( 1.01- 2.07)
84	BRENNE	13	c 50	247	101	199	0.40	( 0.27- 0.59)
85	HOSSEI	13	m 0	4	26	166	0.70~	( 0.04- 13.34)
85	HOSSEI	14	f 21	28	34	91	2.01	( 1.01- 4.00)
Subtotal 85							1.90	( 0.97- 3.72)
88	LO	2	c -	-	-	-	2.24	( 1.70- 2.96)
Partial Totals			1015	96633	748	83713		

\*prospective study

~ With 0.5 adjustment for zero

Yes

StN	Ref	NRR	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
3	CORREA	1	m 2	26	6	154	1.97	( 0.38- 10.32)
3	CORREA	2	f 14	61	8	72	2.07	( 0.81- 5.25)
Subtotal 3							2.04	( 0.91- 4.61)
5	BUFFLE	1	m 5	56	6	34	0.51	( 0.14- 1.79)
5	BUFFLE	2	f 33	164	8	32	0.80	( 0.34- 1.90)
Subtotal 5							0.69	( 0.34- 1.41)
8	GARFI2	3	f 91	254	43	148	1.23	( 0.81- 1.87)
11	AKIBA	2	m -	-	-	-	1.80	( 0.39- 6.96)
11	AKIBA	4	f -	-	-	-	1.50	( 0.93- 2.76)
Subtotal 11							1.53	( 0.92- 2.55)
13	BROWN1	2	f -	-	-	-	1.68	( 0.39- 6.90)
15	HUMBL1	2	m -	-	-	-	4.08	( 0.70- 23.91)
15	HUMBL1	4	f -	-	-	-	2.20	( 0.76- 6.56)
Subtotal 15							2.60	( 1.04- 6.53)
18	PERSHA	2	f -	-	-	-	1.20	( 0.70- 2.10)
21	INOUE	2	f -	-	-	-	2.25	( 0.77- 8.85)
26	JANERI	4	c -	-	-	-	0.75	( 0.48- 1.18)
31	BROWN2	4	f -	-	-	-	1.00	( 0.80- 1.20)
32	STOCKW	3	f -	-	-	-	1.60	( 0.80- 3.00)
33	DU	1	f 47	154	28	100	1.09	( 0.64- 1.85)
35	FONTHA	6	f -	-	-	-	1.29	( 1.04- 1.60)
36	LAYARD	2	m -	-	-	-	1.47	( 0.55- 3.94)
36	LAYARD	4	f -	-	-	-	0.58	( 0.30- 1.13)
Subtotal 36							0.78	( 0.45- 1.34)
39	SCHWAR	8	c -	-	-	-	1.10	( 0.80- 1.60)
45	AUVINE	2	m -	-	-	-	0.69	( 0.28- 1.74)
53	ZHONG	2	f -	-	-	-	1.10	( 0.80- 1.50)
56	WANGL	34	m -	-	-	-	0.56	( 0.20- 1.40)
56	WANGL	36	f -	-	-	-	1.03	( 0.60- 1.70)
Subtotal 56							0.90	( 0.57- 1.42)
57	JOHNSO	8	f -	-	-	-	1.20	( 0.62- 2.30)
58	LAGARD	6	c -	-	-	-	1.15	( 0.91- 1.45)
66	MCGHEE	1	m -	-	-	-	1.34	( 0.82- 2.17)
66	MCGHEE	2	f -	-	-	-	1.38	( 0.94- 2.04)
Subtotal 66							1.36	( 1.01- 1.85)
73	YU	1	f -	-	-	-	1.35	( 0.70- 2.63)
80	YANG	2	c -	-	-	-	2.00	( 1.30- 3.00)
Partial Totals			192	715	99	540		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 53  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By any proxy use or not - adjusted

Unknown

StN	Ref	NRR	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
20	GENG	1	f 34	41	20	52	2.16 (	1.08- 4.29)
44	ZHENG	1	m 8	12	17	17	0.67 (	0.22- 2.04)
44	ZHENG	2	f 62	179	7	51	2.52 (	1.09- 5.85)
Subtotal 44							1.56 (	0.80- 3.06)
77	ASOMAN	4	c 25	96	9	32	0.93 (	0.39- 2.19)
86	JIANG	1	c -	-	-	-	2.27 (	1.23- 4.18)
Partial Totals			129	328	53	152		

\*prospective study

	No	Yes	Unknown	Total
Relative risks				
N	70	30	5	105
NS	57	23	4	84
Wt	1065.46	548.51	32.11	1646.08
Het Chi	156.72	33.83	6.73	202.32
Het df	69	29	4	104
Het P	***	N.S.	N.S.	***
Fixed RR	1.20	1.17	1.75	1.20
RRl	1.13	1.07	1.24	1.14
RRu	1.28	1.27	2.48	1.26
P	+++	+++	++	+++
Random RR	1.26	1.18	1.66	1.25
RRl	1.14	1.07	1.05	1.15
RRu	1.39	1.30	2.64	1.34
P	+++	++	+	+++
Asymm P	N.S.	N.S.	N.S.	(*)
Between Chi		0.35	4.40	5.05
Between df		1	1	2
Between P		N.S.	+	(*)

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 54  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By proxy use differs markedly in cases and controls or not (CC studies only) - adjusted

No	StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
				Case	Cont	Case	Cont		
	2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
	4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
	5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
	5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
	Subtotal 5							0.69 ( 0.34-	1.41)
	7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20-	5.07)
	7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
	Subtotal 7							0.85 ( 0.34-	2.16)
	9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
	10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
	11	AKIBA	2	m -	-	-	-	1.80 ( 0.39-	6.96)
	11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
	Subtotal 11							1.53 ( 0.92-	2.55)
	12	LEE	4	m -	-	-	-	1.30 ( 0.38-	4.39)
	12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
	Subtotal 12							1.11 ( 0.51-	2.40)
	14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
	16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
	17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
	18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
	21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
	22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
	23	CHOI	1	m 2	6	11	90	2.73 ( 0.49-	15.21)
	23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
	Subtotal 23							1.71 ( 1.00-	2.93)
	25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
	26	JANERI	4	c -	-	-	-	0.75 ( 0.48-	1.18)
	27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
	28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
	29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
	30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
	33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
	34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
	36	LAYARD	2	m -	-	-	-	1.47 ( 0.55-	3.94)
	36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
	Subtotal 36							0.78 ( 0.45-	1.34)
	37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
	38	KABAT2	4	m -	-	-	-	1.60 ( 0.67-	3.82)
	38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
	Subtotal 38							1.22 ( 0.75-	1.99)
	40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
	41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
	42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
	46	BOFFET	7	m -	-	-	-	1.47 ( 0.81-	2.66)
	46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
	Subtotal 46							1.15 ( 0.93-	1.42)
	47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
	48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
	49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50-	1.80)
	51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
	54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)
	55	MALATS	12	c -	-	-	-	1.50 ( 0.80-	2.60)
	57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
	60	OHNO	6	f -	-	-	-	1.00 ( 0.67-	1.49)
	62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
	64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
	65	IARCKR	3	m -	-	-	-	0.40 ( 0.10-	3.00)
	65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
	Subtotal 65							0.76 ( 0.48-	1.20)
	66	MCGHEE	1	m -	-	-	-	1.34 ( 0.82-	2.17)
	66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
	Subtotal 66							1.36 ( 1.01-	1.85)
	68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
	69	FRANCO	1	c -	-	-	-	1.80 ( 1.10-	3.00)
	70	GORLOV	1	m -	-	-	-	1.41 ( 0.60-	3.30)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 54  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By proxy use differs markedly in cases and controls or not (CC studies only) - adjusted

No

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63- 2.10)	
Subtotal 70								
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72- 2.61)	
73	YU	1	f -	-	-	-	1.35 ( 0.70- 2.63)	
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83- 34.92)	
82	TSE	10	m -	-	-	-	0.90 ( 0.57- 1.41)	
83	LIANG	2	f141	149	85	130	1.45 ( 1.01- 2.07)	
84	BRENNE	13	c 50	247	101	199	0.40 ( 0.27- 0.59)	
85	HOSSEI	13	m 0	4	26	166	0.70~( 0.04- 13.34)	
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01- 4.00)	
Subtotal 85								
88	LO	2	c -	-	-	-	2.24 ( 1.70- 2.96)	
Partial Totals			1012	2127	725	2020		

\*prospective study

~ With 0.5 adjustment for zero

Yes

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38- 10.32)	
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81- 5.25)	
Subtotal 3								
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81- 1.87)	
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39- 6.90)	
15	HUMBL1	2	m -	-	-	-	4.08 ( 0.70- 23.91)	
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76- 6.56)	
Subtotal 15								
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80- 1.20)	
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80- 3.00)	
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04- 1.60)	
39	SCHWAR	8	c -	-	-	-	1.10 ( 0.80- 1.60)	
45	AUVINE	2	m -	-	-	-	0.69 ( 0.28- 1.74)	
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80- 1.50)	
56	WANGL	34	m -	-	-	-	0.56 ( 0.20- 1.40)	
56	WANGL	36	f -	-	-	-	1.03 ( 0.60- 1.70)	
Subtotal 56								
58	LAGARD	6	c -	-	-	-	1.15 ( 0.91- 1.45)	
80	YANG	2	c -	-	-	-	2.00 ( 1.30- 3.00)	
Partial Totals			107	341	57	374		

\*prospective study

Unknown

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
20	GENG	1	f 34	41	20	52	2.16 ( 1.08- 4.29)	
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22- 2.04)	
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09- 5.85)	
Subtotal 44								
77	ASOMAN	4	c 25	96	9	32	0.93 ( 0.39- 2.19)	
86	JIANG	1	c -	-	-	-	2.27 ( 1.23- 4.18)	
Partial Totals			129	328	53	152		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 54  
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Both sexes  
 By proxy use differs markedly in cases and controls or not (CC studies only) - adjusted

Relative risks

		No	Yes	Unknown	Total
	N	65	16	5	86
	NS	53	13	4	70
	Wt	943.78	406.00	32.11	1381.88
Het	Chi	156.60	19.60	6.73	187.67
Het	df	64	15	4	85
Het	P	***	N.S.	N.S.	***
Fixed	RR	1.20	1.18	1.75	1.20
	RRl	1.12	1.07	1.24	1.14
	RRu	1.27	1.30	2.48	1.27
	P	+++	+++	++	+++
Random	RR	1.24	1.20	1.66	1.25
	RRl	1.11	1.06	1.05	1.15
	RRu	1.38	1.37	2.64	1.37
	P	+++	++	+	+++
Asymm	P	N.S.	N.S.	N.S.	(*)
Between	Chi		0.04	4.56	4.74
Between	df		1	1	2
Between	P		N.S.	+	(*)

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Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 30  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3							2.04 ( 0.91-	4.61)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
6	HIRAYA	2	m -	-	-	-	2.25 ( 1.05-	4.76)
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
Subtotal 6							1.57 ( 1.14-	2.17)
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20-	5.07)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
Subtotal 7							0.85 ( 0.34-	2.16)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
11	AKIBA	2	m -	-	-	-	1.80 ( 0.39-	6.96)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
Subtotal 11							1.53 ( 0.92-	2.55)
12	LEE	4	m -	-	-	-	1.30 ( 0.38-	4.39)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
Subtotal 12							1.11 ( 0.51-	2.40)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
15	HUMBL1	2	m -	-	-	-	4.08 ( 0.70-	23.91)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
Subtotal 15							2.60 ( 1.04-	6.53)
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49-	15.21)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
Subtotal 23							1.71 ( 1.00-	2.93)
24	HOLE	3	c -	-	-	-	2.41 ( 0.45-	12.83)
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
26	JANERI	4	c -	-	-	-	0.75 ( 0.48-	1.18)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
36	LAYARD	2	m -	-	-	-	1.47 ( 0.55-	3.94)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
Subtotal 36							0.78 ( 0.45-	1.34)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
38	KABAT2	4	m -	-	-	-	1.60 ( 0.67-	3.82)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
Subtotal 38							1.22 ( 0.75-	1.99)
39	SCHWAR	8	c -	-	-	-	1.10 ( 0.80-	1.60)
40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
43	CARDEN	12	m -	-	-	-	1.10 ( 0.60-	1.80)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
Subtotal 43							1.17 ( 0.87-	1.57)

Within each study, results are selected according to the following order of preference:

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- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

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Table A 30  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44							1.56 ( 0.80-	3.06)
45	AUVINE	2	m -	-	-	-	0.69 ( 0.28-	1.74)
46	BOFFET	7	m -	-	-	-	1.47 ( 0.81-	2.66)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
Subtotal 46							1.15 ( 0.93-	1.42)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50-	1.80)
50	JEE	4	f -	-	-	-	1.72 ( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80-	1.50)
54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)
55	MALATS	12	c -	-	-	-	1.50 ( 0.80-	2.60)
56	WANGL	34	m -	-	-	-	0.56 ( 0.20-	1.40)
56	WANGL	36	f -	-	-	-	1.03 ( 0.60-	1.70)
Subtotal 56							0.90 ( 0.57-	1.42)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
58	LAGARD	6	c -	-	-	-	1.15 ( 0.91-	1.45)
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67-	4.60)
60	OHNO	6	f -	-	-	-	1.00 ( 0.67-	1.49)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
63	ENSTRO	6	m -	-	-	-	0.63 ( 0.33-	1.22)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
Subtotal 63							0.86 ( 0.63-	1.17)
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
65	IARCKR	3	m -	-	-	-	0.40 ( 0.10-	3.00)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
Subtotal 65							0.76 ( 0.48-	1.20)
66	MCGHEE	1	m -	-	-	-	1.34 ( 0.82-	2.17)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
Subtotal 66							1.36 ( 1.01-	1.85)
67	EPICA	2	c -	-	-	-	1.42 ( 0.63-	3.20)
68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10-	3.00)
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60-	3.30)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
Subtotal 70							1.23 ( 0.75-	2.01)
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72-	2.61)
72	WEN	1	f -	-	-	-	1.09 ( 0.74-	1.61)
73	YU	1	f -	-	-	-	1.35 ( 0.70-	2.63)
75	HILL1	3	m -	-	-	-	1.08 ( 0.56-	2.09)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)
Subtotal 75							1.04 ( 0.64-	1.69)
76	HILL2	1	m -	-	-	-	1.45 ( 0.75-	2.81)
76	HILL2	3	f -	-	-	-	1.38 ( 0.78-	2.41)
Subtotal 76							1.41 ( 0.92-	2.16)
77	ASOMAN	4	c 25	96	9	32	0.93 ( 0.39-	2.19)
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83-	34.92)
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78-	2.03)
80	YANG	2	c -	-	-	-	2.00 ( 1.30-	3.00)
82	TSE	10	m -	-	-	-	0.90 ( 0.57-	1.41)
83	LIANG	2	f141	149	85	130	1.45 ( 1.01-	2.07)
84	BRENNE	13	c 50	247	101	199	0.40 ( 0.27-	0.59)
85	HOSSEI	13	m 0	4	26	166	0.70~( 0.04-	13.34)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01-	4.00)
Subtotal 85							1.90 ( 0.97-	3.72)
86	JIANG	1	c -	-	-	-	2.27 ( 1.23-	4.18)
88	LO	2	c -	-	-	-	2.24 ( 1.70-	2.96)
Partial Totals			1336	97676	900	84405		

\*prospective study

~ With 0.5 adjustment for zero

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 30  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
1	GARFI1	1	f	t	0.16	37.42	0.03	0.3420
2	CHAN	1	f	t	-0.28	12.78	2.83	0.3086
3	CORREA	1	m	t	0.68	1.41	0.34	0.4200
3	CORREA	2	f	t	0.73	4.41	1.29	0.1276
Subtotal 3					0.71	5.82	1.63	
4	TRICHO	1	f	y	0.73	12.77	3.79	0.0091
5	BUFFLE	1	m	t	-0.68	2.42	1.81	0.2896
5	BUFFLE	2	f	t	-0.22	5.19	0.84	0.6209
Subtotal 5					-0.36	7.61	2.66	
6	HIRAYA	2	m	t	0.81	6.73	2.63	0.0355
6	HIRAYA	8	f	t	0.37	30.26	1.05	0.0410
Subtotal 6					0.45	36.99	3.68	
7	KABAT1	3	m	t	0.00	1.46	0.05	1.0000
7	KABAT1	4	f	t	-0.24	2.99	0.54	0.6802
Subtotal 7					-0.16	4.45	0.59	
8	GARFI2	3	f	t	0.21	22.25	0.01	0.3229
9	LAMW	1	f	a	0.70	10.14	2.67	0.0261
10	WU	3	f	a	0.18	4.31	0.00	0.7049
11	AKIBA	2	m	t	0.59	1.85	0.30	0.4240
11	AKIBA	4	f	t	0.41	12.99	0.63	0.1440
Subtotal 11					0.43	14.84	0.93	
12	LEE	4	m	t	0.26	2.57	0.02	0.6743
12	LEE	6	f	t	0.00	3.88	0.13	1.0000
Subtotal 12					0.10	6.44	0.15	
13	BROWN1	2	f	a	0.52	1.86	0.21	0.4791
14	GAO	8	f	t	0.27	23.89	0.15	0.1944
15	HUMBL1	2	m	t	1.41	1.23	1.84	0.1185
15	HUMBL1	4	f	t	0.79	3.31	1.20	0.1516
Subtotal 15					0.96	4.54	3.04	
16	KOO	3	f	t	0.49	9.57	0.92	0.1260
17	LAMT	1	f	t	0.50	30.63	3.03	0.0057
18	PERSHA	2	f	t	0.18	12.73	0.00	0.5153
19	BUTLER	2	f	t	0.70	1.85	0.50	0.3388
20	GENG	1	f	t	0.77	8.13	2.76	0.0285
21	INOUE	2	f	t	0.81	2.58	1.01	0.1930
22	SHIMIZ	2	f	t	0.08	14.20	0.16	0.7646
23	CHOI	1	m	t	1.00	1.30	0.87	0.2525
23	CHOI	2	f	t	0.49	11.99	1.09	0.0916
Subtotal 23					0.54	13.29	1.96	
24	HOLE	3	c	t	0.88	1.37	0.66	0.3034
25	SVENSS	5	f	t	0.31	4.33	0.06	0.5225
26	JANERI	4	c	t	-0.29	18.99	4.25	0.2099
27	KALAND	3	f	t	0.75	8.82	2.78	0.0266
28	SOBUE	2	f	t	0.12	28.29	0.11	0.5157
29	WU-WIL	4	f	t	-0.36	93.46	27.46	0.0006
30	LIUZ	2	f	t	-0.26	4.36	0.87	0.5852
31	BROWN2	4	f	t	0.00	93.46	3.21	1.0000
32	STOCKW	3	f	t	0.47	8.80	0.71	0.1634
33	DU	1	f	t	0.09	13.61	0.13	0.7506
34	LIUQ	2	f	t	0.54	5.89	0.75	0.1880
35	FONTHA	6	f	t	0.25	82.80	0.40	0.0205
36	LAYARD	2	m	t	0.39	3.96	0.16	0.4431
36	LAYARD	4	f	t	-0.54	8.74	4.66	0.1074
Subtotal 36					-0.25	12.70	4.82	
37	DEWAAR	1	f	t	0.94	3.07	1.76	0.0986
38	KABAT2	4	m	t	0.47	5.07	0.41	0.2899
38	KABAT2	6	f	t	0.08	11.16	0.13	0.7971
Subtotal 38					0.20	16.23	0.54	
39	SCHWAR	8	c	t	0.10	31.98	0.26	0.5899
40	SUN	2	f	t	0.15	27.47	0.04	0.4366
41	WANGS	1	f	t	0.93	7.83	4.33	0.0093
42	WANGT	2	f	t	0.10	14.90	0.11	0.6978
43	CARDEN	12	m	t	0.10	12.73	0.10	0.7338
43	CARDEN	10	f	t	0.18	31.98	0.00	0.3025
Subtotal 43					0.16	44.71	0.10	

Within each study, results are selected according to the following order of preference:

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- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

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Table A 30  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
44	ZHENG	1	m	t	-0.41	3.07	1.07	0.4776
44	ZHENG	2	f	t	0.93	5.43	2.98	0.0310
Subtotal 44					0.45	8.50	4.05	
45	AUVINE	2	m	t	-0.37	4.60	1.43	0.4259
46	BOFFET	7	m	t	0.39	10.87	0.43	0.2041
46	BOFFET	9	f	t	0.10	73.53	0.48	0.3709
Subtotal 46					0.14	84.40	0.92	
47	SHEN	1	f	a	-0.29	5.07	1.16	0.5088
48	ZARIDZ	4	f	t	0.43	28.46	1.64	0.0233
49	BOFFE2	12	c	a	0.00	9.36	0.32	1.0000
50	JEE	4	f	t	0.54	10.17	1.30	0.0838
51	RAPITI	2	f	t	0.18	4.97	0.00	0.6843
52	SPEIZE	1	f	t	0.41	1.66	0.08	0.6016
53	ZHONG	2	f	t	0.10	38.89	0.32	0.5523
54	LEECH	8	f	t	0.63	27.89	5.41	0.0009
55	MALATS	12	c	t	0.41	11.06	0.54	0.1775
56	WANGL	34	m	t	-0.58	4.06	2.38	0.2428
56	WANGL	36	f	t	0.03	14.17	0.34	0.9114
Subtotal 56					-0.11	18.22	2.72	
57	JOHNSO	8	f	t	0.18	8.94	0.00	0.5856
58	LAGARD	6	c	t	0.14	70.80	0.15	0.2396
59	NISHIN	2	f	t	0.59	4.14	0.67	0.2317
60	OHNO	6	f	t	0.00	24.05	0.83	1.0000
62	SEOW	1	f	t	0.26	34.66	0.17	0.1317
63	ENSTRO	6	m	t	-0.46	8.99	3.77	0.1660
63	ENSTRO	12	f	t	-0.06	31.30	1.91	0.7292
Subtotal 63					-0.15	40.28	5.68	
64	ZATLOU	6	f	g	-0.73	5.67	4.79	0.0806
65	IARCKR	3	m	t	-0.92	1.33	1.61	0.2910
65	IARCKR	2	f	t	-0.22	16.83	2.81	0.3600
Subtotal 65					-0.27	18.16	4.42	
66	MCGHEE	1	m	t	0.29	16.22	0.19	0.2385
66	MCGHEE	2	f	t	0.32	25.59	0.48	0.1032
Subtotal 66					0.31	41.82	0.67	
67	EPICA	2	c	t	0.35	5.82	0.16	0.3977
68	FANG	2	f	t	0.57	15.25	2.27	0.0258
69	FRANCO	1	c	t	0.59	15.26	2.47	0.0216
70	GORLOV	1	m	t	0.34	5.29	0.13	0.4295
70	GORLOV	2	f	t	0.14	10.60	0.02	0.6491
Subtotal 70					0.21	15.89	0.15	
71	RYLAND	3	c	t	0.31	9.26	0.16	0.3380
72	WEN	1	f	t	0.09	25.43	0.25	0.6639
73	YU	1	f	t	0.30	8.70	0.11	0.3760
75	HILL1	3	m	t	0.08	8.86	0.10	0.8188
75	HILL1	2	f	t	0.00	7.71	0.26	1.0000
Subtotal 75					0.04	16.57	0.37	
76	HILL2	1	m	t	0.37	8.81	0.31	0.2702
76	HILL2	3	f	t	0.32	12.07	0.23	0.2631
Subtotal 76					0.34	20.88	0.53	
77	ASOMAN	4	c	t	-0.08	5.19	0.36	0.8609
78	GALLEG	1	c	t	2.08	1.77	6.35	0.0057
79	KURAHA	10	f	t	0.23	16.80	0.04	0.3436
80	YANG	2	c	t	0.69	21.97	5.67	0.0012
82	TSE	10	m	t	-0.11	18.73	1.58	0.6484
83	LIANG	2	f	t	0.37	30.07	1.02	0.0426
84	BRENNE	13	c	t	-0.92	25.66	31.30	0.0000
85	HOSSEI	13	m	t	-0.36	0.44	0.13	0.8113
85	HOSSEI	14	f	t	0.70	8.08	2.11	0.0476
Subtotal 85					0.64	8.52	2.25	
86	JIANG	1	c	t	0.82	10.29	4.13	0.0086
88	LO	2	c	t	0.81	49.96	19.28	0.0000

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Table A 30  
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 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 Overall analysis - adjusted

Relative risks

	N	105
	NS	84
	Wt	1645.97
Het	Chi	201.72
Het	df	104
Het	P	***
Fixed	RR	1.20
	RRl	1.15
	RRu	1.26
	P	+++
Random	RR	1.25
	RRl	1.16
	RRu	1.35
	P	+++
Asymm	P	*

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Within each study, results are selected according to the following order of preference:

- |  |                            |
|--|----------------------------|
| 1) EXP : s, h, t, b                      | 4) HOU : a, other          |
| 2) TYP : t/g, other                      | 5) UNX : 2, 1, 4, 3, other |
| 3) TIM : m, a, z, y, w, f, e, x, c, p, v |                            |

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Table A 31  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3							2.04 ( 0.91-	4.61)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
6	HIRAYA	1	m 7	1010	57	19279	2.34 ( 1.07-	5.13)
6	HIRAYA	7	f163	69645	37	21895	1.38 ( 0.97-	1.98)
Subtotal 6							1.52 ( 1.10-	2.10)
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20-	5.07)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
Subtotal 7							0.85 ( 0.34-	2.16)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
10	WU	2	f 19	33	9	22	1.41 ( 0.54-	3.67)
11	AKIBA	1	m 3	9	16	101	2.10 ( 0.51-	8.61)
11	AKIBA	3	f 73	188	21	82	1.52 ( 0.87-	2.63)
Subtotal 11							1.58 ( 0.95-	2.64)
12	LEE	3	m 8	14	7	16	1.31 ( 0.38-	4.52)
12	LEE	5	f 22	45	10	21	1.03 ( 0.41-	2.55)
Subtotal 12							1.12 ( 0.54-	2.33)
13	BROWN1	1	f 4	7	15	40	1.52 ( 0.39-	5.96)
14	GAO	4	f189	276	57	99	1.19 ( 0.82-	1.73)
15	HUMBL1	1	m 5	37	3	93	4.19 ( 0.95-	18.42)
15	HUMBL1	3	f 15	91	5	71	2.34 ( 0.81-	6.75)
Subtotal 15							2.85 ( 1.20-	6.74)
16	KOO	2	f 51	66	35	70	1.55 ( 0.90-	2.67)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
18	PERSHA	1	f 37	153	33	141	1.03 ( 0.61-	1.74)
19	BUTLER	1	f 3	10579	5	43052	2.44 ( 0.58-	10.22)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	1	f 18	30	4	17	2.55 ( 0.74-	8.78)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49-	15.21)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
Subtotal 23							1.71 ( 1.00-	2.93)
24	HOLE	1	m 2	243	1	428	3.52 ( 0.32-	38.65)
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22-	16.12)
Subtotal 24							2.49 ( 0.50-	12.31)
25	SVENSS	1	f 24	114	10	60	1.26 ( 0.57-	2.81)
26	JANERI	4	c -	-	-	-	0.75 ( 0.48-	1.18)
27	KALAND	2	f 64	70	26	46	1.62 ( 0.90-	2.91)
28	SOBUE	1	f 80	395	64	336	1.06 ( 0.74-	1.52)
29	WU-WIL	3	f205	331	212	271	0.79 ( 0.62-	1.02)
30	LIUZ	1	f 45	176	9	26	0.74 ( 0.32-	1.69)
31	BROWN2	3	f218	598	213	568	0.97 ( 0.78-	1.21)
32	STOCKW	2	f 44	55	18	36	1.60 ( 0.80-	3.19)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	1	f 25	37	13	32	1.66 ( 0.73-	3.78)
35	FONTHA	5	f433	766	218	487	1.26 ( 1.04-	1.54)
36	LAYARD	1	m 6	215	15	783	1.46 ( 0.56-	3.80)
36	LAYARD	3	f 15	961	24	969	0.63 ( 0.33-	1.21)
Subtotal 36							0.82 ( 0.48-	1.41)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
38	KABAT2	3	m 11	19	28	79	1.63 ( 0.69-	3.85)
38	KABAT2	5	f 41	102	26	71	1.10 ( 0.62-	1.96)
Subtotal 38							1.24 ( 0.77-	2.01)
39	SCHWAR	7	c172	175	85	102	1.18 ( 0.83-	1.68)
40	SUN	11	f144	136	86	94	1.16 ( 0.80-	1.68)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
43	CARDEN	11	m 18	19549	79	76993	0.90 ( 0.54-	1.50)

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 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
43	CARDEN	9	f 96	114286	54	77948	1.21	( 0.87- 1.69)
Subtotal 43								
44	ZHENG	1	m 8	12	17	17	0.67	( 0.22- 2.04)
44	ZHENG	2	f 62	179	7	51	2.52	( 1.09- 5.85)
Subtotal 44								
45	AUVINE	1	m 17	81	27	148	1.15	( 0.59- 2.24)
46	BOFFET	6	m 23	68	118	462	1.32	( 0.79- 2.21)
46	BOFFET	8	f321	632	187	376	1.02	( 0.82- 1.27)
Subtotal 46								
47	SHEN	1	f 56	59	14	11	0.75	( 0.31- 1.78)
48	ZARIDZ	3	f109	163	80	195	1.63	( 1.14- 2.33)
49	BOFFE2	11	c 33	75	37	103	1.22	( 0.70- 2.14)
50	JEE	3	f 67	-	12	-	1.80	( 0.98- 3.30)
51	RAPITI	1	f 13	21	28	46	1.02	( 0.44- 2.35)
52	SPEIZE	1	f -	-	-	-	1.50	( 0.30- 6.30)
53	ZHONG	1	f322	377	182	224	1.05	( 0.82- 1.34)
54	LEECH	7	f186	253	82	192	1.72	( 1.25- 2.37)
55	MALATS	11	c 58	42	64	79	1.70	( 1.02- 2.86)
56	WANGL	33	m 14	57	19	57	0.74	( 0.34- 1.61)
56	WANGL	35	f169	337	31	70	1.13	( 0.71- 1.80)
Subtotal 56								
57	JOHNSO	7	f 54	543	17	218	1.28	( 0.72- 2.25)
58	LAGARD	5	c179	611	254	997	1.15	( 0.93- 1.43)
59	NISHIN	1	f 11	30566	13	43361	1.20	( 0.54- 2.68)
60	OHNO	5	f139	239	52	90	1.01	( 0.67- 1.50)
62	SEOW	1	f 91	300	85	362	1.29	( 0.93- 1.80)
63	ENSTRO	3	m -	-	-	-	0.75	( 0.42- 1.35)
63	ENSTRO	9	f -	-	-	-	0.99	( 0.72- 1.37)
Subtotal 63								
64	ZATLOU	3	f 7	155	77	734	0.43	( 0.19- 0.95)
65	IARCKR	3	m -	-	-	-	0.40	( 0.10- 3.00)
65	IARCKR	1	f -	-	-	-	0.90	( 0.60- 1.40)
Subtotal 65								
66	MCGHEE	5	m 33	71	112	347	1.44	( 0.90- 2.29)
66	MCGHEE	6	f 96	150	83	195	1.50	( 1.05- 2.16)
Subtotal 66								
67	EPICA	2	c -	-	-	-	1.42	( 0.63- 3.20)
68	FANG	1	f -	-	-	-	2.74	( 1.82- 4.14)
69	FRANCO	1	c -	-	-	-	1.80	( 1.10- 3.00)
70	GORLOV	1	m -	-	-	-	1.41	( 0.60- 3.30)
70	GORLOV	2	f -	-	-	-	1.15	( 0.63- 2.10)
Subtotal 70								
71	RYLAND	3	c -	-	-	-	1.37	( 0.72- 2.61)
72	WEN	1	f -	-	-	-	1.09	( 0.74- 1.61)
73	YU	8	f183	246	30	46	1.14	( 0.69- 1.88)
75	HILL1	1	m -	-	-	-	0.97	( 0.53- 1.77)
75	HILL1	2	f -	-	-	-	1.00	( 0.49- 2.01)
Subtotal 75								
76	HILL2	1	m -	-	-	-	1.45	( 0.75- 2.81)
76	HILL2	2	f -	-	-	-	1.16	( 0.70- 1.92)
Subtotal 76								
77	ASOMAN	4	c 25	96	9	32	0.93	( 0.39- 2.19)
78	GALLEG	1	c 30	90	2	48	8.00	( 1.83- 34.92)
79	KURAHA	9	f 84	280346	25	97466	1.17	( 0.75- 1.83)
80	YANG	1	c -	-	-	-	1.20	( 0.80- 1.90)
82	TSE	1	m 47	194	85	342	0.97	( 0.66- 1.45)
83	LIANG	2	f141	149	85	130	1.45	( 1.01- 2.07)
84	BRENNE	13	c 50	247	101	199	0.40	( 0.27- 0.59)
85	HOSSEI	13	m 0	4	26	166	0.70	( 0.04- 13.34)
85	HOSSEI	14	f 21	28	34	91	2.01	( 1.01- 4.00)
Subtotal 85								
86	JIANG	8	m 23	10	24	37	3.55	( 1.44- 8.75)
86	JIANG	9	f 67	48	31	50	2.25	( 1.26- 4.03)
Subtotal 86								
88	LO	1	c366	293	96	169	2.20	( 1.64- 2.95)

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- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
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 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
Partial Totals			Case	Cont	Case	Cont		
			6222	634960	4162	475226		

\*prospective study

~ With 0.5 adjustment for zero

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
1	GARFI1	1	f	t	0.16	37.42	0.06	0.3420
2	CHAN	1	f	t	-0.28	12.78	2.93	0.3086
3	CORREA	1	m	t	0.68	1.41	0.33	0.4200
3	CORREA	2	f	t	0.73	4.41	1.25	0.1276
Subtotal 3					0.71	5.82	1.58	
4	TRICHO	1	f	y	0.73	12.77	3.67	0.0091
5	BUFFLE	1	m	t	-0.68	2.42	1.85	0.2896
5	BUFFLE	2	f	t	-0.22	5.19	0.88	0.6209
Subtotal 5					-0.36	7.61	2.73	
6	HIRAYA	1	m	t	0.85	6.28	2.72	0.0328
6	HIRAYA	7	f	t	0.33	30.21	0.52	0.0734
Subtotal 6					0.42	36.48	3.24	
7	KABAT1	3	m	t	0.00	1.46	0.05	1.0000
7	KABAT1	4	f	t	-0.24	2.99	0.56	0.6802
Subtotal 7					-0.16	4.45	0.61	
8	GARFI2	3	f	t	0.21	22.25	0.01	0.3229
9	LAMW	1	f	a	0.70	10.14	2.58	0.0261
10	WU	2	f	a	0.34	4.18	0.09	0.4850
11	AKIBA	1	m	t	0.74	1.93	0.59	0.3008
11	AKIBA	3	f	t	0.42	12.69	0.63	0.1382
Subtotal 11					0.46	14.62	1.21	
12	LEE	3	m	t	0.27	2.49	0.01	0.6735
12	LEE	5	f	t	0.03	4.64	0.13	0.9548
Subtotal 12					0.11	7.13	0.14	
13	BROWN1	1	f	a	0.42	2.06	0.11	0.5451
14	GAO	4	f	t	0.17	27.35	0.01	0.3644
15	HUMBL1	1	m	t	1.43	1.75	2.69	0.0580
15	HUMBL1	3	f	t	0.85	3.43	1.48	0.1154
Subtotal 15					1.05	5.18	4.16	
16	KOO	2	f	t	0.44	12.88	0.75	0.1182
17	LAMT	1	f	t	0.50	30.63	2.86	0.0057
18	PERSHA	1	f	t	0.03	14.09	0.37	0.9022
19	BUTLER	1	f	t	0.89	1.88	0.92	0.2215
20	GENG	1	f	t	0.77	8.13	2.68	0.0285
21	INOUE	1	f	t	0.94	2.51	1.38	0.1377
22	SHIMIZ	2	f	t	0.08	14.20	0.19	0.7646
23	CHOI	1	m	t	1.00	1.30	0.85	0.2525
23	CHOI	2	f	t	0.49	11.99	1.03	0.0916
Subtotal 23					0.54	13.29	1.88	
24	HOLE	1	m	t	1.26	0.67	0.76	0.3028
24	HOLE	2	f	t	0.64	0.84	0.16	0.5613
Subtotal 24					0.91	1.50	0.92	
25	SVENSS	1	f	t	0.23	5.98	0.01	0.5677
26	JANERI	4	c	t	-0.29	18.99	4.41	0.2099
27	KALAND	2	f	t	0.48	11.10	0.91	0.1091
28	SOBUE	1	f	t	0.06	29.73	0.52	0.7379
29	WU-WIL	3	f	t	-0.23	61.33	11.21	0.0674
30	LIUZ	1	f	t	-0.30	5.63	1.39	0.4721
31	BROWN2	3	f	t	-0.03	78.65	3.89	0.8021
32	STOCKW	2	f	t	0.47	8.05	0.61	0.1824
33	DU	1	f	t	0.09	13.61	0.16	0.7506
34	LIUQ	1	f	t	0.51	5.71	0.57	0.2242
35	FONTHA	5	f	t	0.23	97.51	0.15	0.0212
36	LAYARD	1	m	t	0.38	4.18	0.14	0.4418
36	LAYARD	3	f	t	-0.46	9.06	3.89	0.1647
Subtotal 36					-0.20	13.24	4.03	
37	DEWAAR	1	f	t	0.94	3.07	1.72	0.0986
38	KABAT2	3	m	t	0.49	5.21	0.46	0.2627
38	KABAT2	5	f	t	0.09	11.53	0.12	0.7517

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- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
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Table A 31  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
Subtotal 38					0.22	16.74	0.58	
39	SCHWAR	7	c	t	0.17	30.21	0.03	0.3643
40	SUN	11	f	t	0.15	27.35	0.06	0.4448
41	WANGS	1	f	t	0.93	7.83	4.23	0.0093
42	WANGT	2	f	t	0.10	14.90	0.13	0.6978
43	CARDEN	11	m	t	-0.11	14.67	1.34	0.6783
43	CARDEN	9	f	t	0.19	34.59	0.00	0.2571
Subtotal 43					0.10	49.26	1.34	
44	ZHENG	1	m	t	-0.41	3.07	1.10	0.4776
44	ZHENG	2	f	t	0.93	5.43	2.91	0.0310
Subtotal 44					0.45	8.50	4.01	
45	AUVINE	1	m	t	0.14	8.70	0.03	0.6794
46	BOFFET	6	m	t	0.28	14.53	0.11	0.2843
46	BOFFET	8	f	t	0.02	78.71	2.36	0.8520
Subtotal 46					0.06	93.24	2.46	
47	SHEN	1	f	a	-0.29	5.07	1.20	0.5088
48	ZARIDZ	3	f	t	0.49	30.36	2.63	0.0071
49	BOFFE2	11	c	a	0.20	12.44	0.00	0.4743
50	JEE	3	f	t	0.59	10.42	1.62	0.0577
51	RAPITI	1	f	t	0.02	5.49	0.17	0.9685
52	SPEIZE	1	f	t	0.41	1.66	0.07	0.6016
53	ZHONG	1	f	t	0.05	63.63	1.32	0.6903
54	LEECH	7	f	t	0.54	37.41	4.56	0.0009
55	MALATS	11	c	t	0.53	14.42	1.66	0.0428
56	WANGL	33	m	t	-0.31	6.28	1.57	0.4440
56	WANGL	35	f	t	0.12	18.04	0.09	0.5975
Subtotal 56					0.01	24.32	1.65	
57	JOHNSO	7	f	t	0.24	11.94	0.03	0.4008
58	LAGARD	5	c	t	0.14	82.21	0.24	0.2052
59	NISHIN	1	f	t	0.18	5.96	0.00	0.6557
60	OHNO	5	f	t	0.01	23.97	0.84	0.9743
62	SEOW	1	f	t	0.26	34.66	0.13	0.1317
63	ENSTRO	3	m	t	-0.29	11.27	2.62	0.3341
63	ENSTRO	9	f	t	-0.01	37.13	1.55	0.9512
Subtotal 63					-0.07	48.40	4.16	
64	ZATLOU	3	f	g	-0.84	6.11	6.57	0.0372
65	IARCKR	3	m	t	-0.92	1.33	1.64	0.2910
65	IARCKR	1	f	t	-0.11	21.40	1.92	0.6259
Subtotal 65					-0.15	22.73	3.56	
66	MCGHEE	5	m	t	0.36	17.79	0.52	0.1240
66	MCGHEE	6	f	t	0.41	29.19	1.34	0.0276
Subtotal 66					0.39	46.98	1.85	
67	EPICA	2	c	t	0.35	5.82	0.14	0.3977
68	FANG	1	f	t	1.01	22.75	15.07	0.0000
69	FRANCO	1	c	t	0.59	15.26	2.37	0.0216
70	GORLOV	1	m	t	0.34	5.29	0.12	0.4295
70	GORLOV	2	f	t	0.14	10.60	0.03	0.6491
Subtotal 70					0.21	15.89	0.15	
71	RYLAND	3	c	t	0.31	9.26	0.14	0.3380
72	WEN	1	f	t	0.09	25.43	0.30	0.6639
73	YU	8	f	t	0.13	15.48	0.06	0.6046
75	HILL1	1	m	t	-0.03	10.57	0.53	0.9211
75	HILL1	2	f	t	0.00	7.71	0.29	1.0000
Subtotal 75					-0.02	18.28	0.82	
76	HILL2	1	m	t	0.37	8.81	0.28	0.2702
76	HILL2	2	f	t	0.15	15.09	0.03	0.5642
Subtotal 76					0.23	23.90	0.31	
77	ASOMAN	4	c	t	-0.08	5.19	0.38	0.8609
78	GALLEG	1	c	t	2.08	1.77	6.29	0.0057
79	KURAHA	9	f	t	0.16	19.27	0.03	0.4951
80	YANG	1	c	t	0.18	20.54	0.00	0.4087
82	TSE	1	m	t	-0.03	24.32	1.17	0.8997
83	LIANG	2	f	t	0.37	30.07	0.93	0.0426
84	BRENNE	13	c	t	-0.92	25.66	31.79	0.0000
85	HOSSEI	13	m	t	-0.36	0.44	0.14	0.8113

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Table A 31  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
85	HOSSEI	14	f	t	0.70	8.08	2.04	0.0476
Subtotal 85					0.64	8.52	2.18	
86	JIANG	8	m	t	1.27	4.71	5.41	0.0060
86	JIANG	9	f	t	0.81	11.36	4.33	0.0062
Subtotal 86					0.94	16.07	9.75	
88	LO	1	c	t	0.79	44.49	15.70	0.0000

Relative risks

	N	107
	NS	84
	Wt	1754.85
Het	Chi	197.38
Het	df	106
Het	P	***
Fixed	RR	1.21
	RRl	1.16
	RRu	1.27
	P	+++
Random	RR	1.25
	RRl	1.16
	RRu	1.34
	P	+++
Asymm	P	*

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 Within each study, results are selected according to the following order of preference:

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Table A 32  
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 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3							2.04 ( 0.91-	4.61)
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20-	5.07)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
Subtotal 7							0.85 ( 0.34-	2.16)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
15	HUMBL1	2	m -	-	-	-	4.08 ( 0.70-	23.91)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
Subtotal 15							2.60 ( 1.04-	6.53)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)
26	JANERI	4	c -	-	-	-	0.75 ( 0.48-	1.18)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
36	LAYARD	2	m -	-	-	-	1.47 ( 0.55-	3.94)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
Subtotal 36							0.78 ( 0.45-	1.34)
38	KABAT2	4	m -	-	-	-	1.60 ( 0.67-	3.82)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
Subtotal 38							1.22 ( 0.75-	1.99)
39	SCHWAR	8	c -	-	-	-	1.10 ( 0.80-	1.60)
43	CARDEN	12	m -	-	-	-	1.10 ( 0.60-	1.80)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
Subtotal 43							1.17 ( 0.87-	1.57)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
63	ENSTRO	6	m -	-	-	-	0.63 ( 0.33-	1.22)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
Subtotal 63							0.86 ( 0.63-	1.17)
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10-	3.00)
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60-	3.30)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
Subtotal 70							1.23 ( 0.75-	2.01)
77	ASOMAN	4	c 25	96	9	32	0.93 ( 0.39-	2.19)
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83-	34.92)
80	YANG	2	c -	-	-	-	2.00 ( 1.30-	3.00)
84	BRENNE	13	c 50	247	101	199	0.40 ( 0.27-	0.59)
Partial Totals			356	95894	266	82595		

\*prospective study

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 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 By continent - adjusted

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
12	LEE	4	m -	-	-	-	1.30 ( 0.38-	4.39)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
Subtotal 12							1.11 ( 0.51-	2.40)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
24	HOLE	3	c -	-	-	-	2.41 ( 0.45-	12.83)
25	SVENSS	5	f -	-	-	-	1.36 ( 0.53-	3.49)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
45	AUVINE	2	m -	-	-	-	0.69 ( 0.28-	1.74)
46	BOFFET	7	m -	-	-	-	1.47 ( 0.81-	2.66)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
Subtotal 46							1.15 ( 0.93-	1.42)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50-	1.80)
55	MALATS	12	c -	-	-	-	1.50 ( 0.80-	2.60)
58	LAGARD	6	c -	-	-	-	1.15 ( 0.91-	1.45)
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
65	IARCKR	3	m -	-	-	-	0.40 ( 0.10-	3.00)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
Subtotal 65							0.76 ( 0.48-	1.20)
67	EPICA	2	c -	-	-	-	1.42 ( 0.63-	3.20)
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72-	2.61)
Partial Totals			72	240	28	176		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
6	HIRAYA	2	m -	-	-	-	2.25 ( 1.05-	4.76)
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
Subtotal 6							1.57 ( 1.14-	2.17)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
11	AKIBA	2	m -	-	-	-	1.80 ( 0.39-	6.96)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
Subtotal 11							1.53 ( 0.92-	2.55)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49-	15.21)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
Subtotal 23							1.71 ( 1.00-	2.93)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44							1.56 ( 0.80-	3.06)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
50	JEE	4	f -	-	-	-	1.72 ( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80-	1.50)
54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)
56	WANGL	34	m -	-	-	-	0.56 ( 0.20-	1.40)
56	WANGL	36	f -	-	-	-	1.03 ( 0.60-	1.70)
Subtotal 56							0.90 ( 0.57-	1.42)

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 By continent - adjusted

Asia

StN	Ref	NRR	Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
59	NISHIN	2	f -	-	-	-	1.80	( 0.67-	4.60)
60	OHNO	6	f -	-	-	-	1.00	( 0.67-	1.49)
62	SEOW	1	f 91	300	85	362	1.29	( 0.93-	1.80)
66	MCGHEE	1	m -	-	-	-	1.34	( 0.82-	2.17)
66	MCGHEE	2	f -	-	-	-	1.38	( 0.94-	2.04)
Subtotal 66							1.36	( 1.01-	1.85)
68	FANG	2	f -	-	-	-	1.77	( 1.07-	2.92)
72	WEN	1	f -	-	-	-	1.09	( 0.74-	1.61)
73	YU	1	f -	-	-	-	1.35	( 0.70-	2.63)
79	KURAHA	10	f -	-	-	-	1.26	( 0.78-	2.03)
82	TSE	10	m -	-	-	-	0.90	( 0.57-	1.41)
83	LIANG	2	f141	149	85	130	1.45	( 1.01-	2.07)
85	HOSSEI	13	m 0	4	26	166	0.70~	( 0.04-	13.34)
85	HOSSEI	14	f 21	28	34	91	2.01	( 1.01-	4.00)
Subtotal 85							1.90	( 0.97-	3.72)
86	JIANG	1	c -	-	-	-	2.27	( 1.23-	4.18)
88	LO	2	c -	-	-	-	2.24	( 1.70-	2.96)
Partial Totals			908	1542	606	1634			

\*prospective study

~ With 0.5 adjustment for zero

Other

StN	Ref	NRR	Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
75	HILL1	3	m -	-	-	-	1.08	( 0.56-	2.09)
75	HILL1	2	f -	-	-	-	1.00	( 0.49-	2.01)
Subtotal 75							1.04	( 0.64-	1.69)
76	HILL2	1	m -	-	-	-	1.45	( 0.75-	2.81)
76	HILL2	3	f -	-	-	-	1.38	( 0.78-	2.41)
Subtotal 76							1.41	( 0.92-	2.16)
Partial Totals			0	0	0	0			

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

N	35	20	46	4	105
NS	26	17	39	2	84
Wt	536.41	297.12	774.98	37.45	1645.97
Het Chi	70.78	23.70	99.49	0.88	201.72
Het df	34	19	45	3	104
Het P	***	N.S.	***	N.S.	***
Fixed RR	1.10	1.21	1.28	1.23	1.20
RRl	1.01	1.08	1.19	0.90	1.15
RRu	1.20	1.36	1.37	1.70	1.26
P	+	+++	+++	N.S.	+++
Random RR	1.13	1.23	1.34	1.23	1.25
RRl	0.98	1.07	1.20	0.90	1.16
RRu	1.31	1.42	1.51	1.70	1.35
P	(+)	++	+++	N.S.	+++
Asymm P	N.S.	N.S.	(*)	N.S.	*
Between Chi		1.71	6.84	0.45	6.87
Between df		1	1	1	3
Between P		N.S.	++	N.S.	(*)

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 33  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3							2.04 ( 0.91-	4.61)
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20-	5.07)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
Subtotal 7							0.85 ( 0.34-	2.16)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
10	WU	2	f 19	33	9	22	1.41 ( 0.54-	3.67)
13	BROWN1	1	f 4	7	15	40	1.52 ( 0.39-	5.96)
15	HUMBL1	1	m 5	37	3	93	4.19 ( 0.95-	18.42)
15	HUMBL1	3	f 15	91	5	71	2.34 ( 0.81-	6.75)
Subtotal 15							2.85 ( 1.20-	6.74)
19	BUTLER	1	f 3	10579	5	43052	2.44 ( 0.58-	10.22)
26	JANERI	4	c -	-	-	-	0.75 ( 0.48-	1.18)
31	BROWN2	3	f218	598	213	568	0.97 ( 0.78-	1.21)
32	STOCKW	2	f 44	55	18	36	1.60 ( 0.80-	3.19)
35	FONTHA	5	f433	766	218	487	1.26 ( 1.04-	1.54)
36	LAYARD	1	m 6	215	15	783	1.46 ( 0.56-	3.80)
36	LAYARD	3	f 15	961	24	969	0.63 ( 0.33-	1.21)
Subtotal 36							0.82 ( 0.48-	1.41)
38	KABAT2	3	m 11	19	28	79	1.63 ( 0.69-	3.85)
38	KABAT2	5	f 41	102	26	71	1.10 ( 0.62-	1.96)
Subtotal 38							1.24 ( 0.77-	2.01)
39	SCHWAR	7	c172	175	85	102	1.18 ( 0.83-	1.68)
43	CARDEN	11	m 18	19549	79	76993	0.90 ( 0.54-	1.50)
43	CARDEN	9	f 96	114286	54	77948	1.21 ( 0.87-	1.69)
Subtotal 43							1.11 ( 0.84-	1.47)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
57	JOHNSO	7	f 54	543	17	218	1.28 ( 0.72-	2.25)
63	ENSTRO	3	m -	-	-	-	0.75 ( 0.42-	1.35)
63	ENSTRO	9	f -	-	-	-	0.99 ( 0.72-	1.37)
Subtotal 63							0.93 ( 0.70-	1.23)
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10-	3.00)
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60-	3.30)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
Subtotal 70							1.23 ( 0.75-	2.01)
77	ASOMAN	4	c 25	96	9	32	0.93 ( 0.39-	2.19)
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83-	34.92)
80	YANG	1	c -	-	-	-	1.20 ( 0.80-	1.90)
84	BRENNE	13	c 50	247	101	199	0.40 ( 0.27-	0.59)
Partial Totals			1510	243910	1080	284127		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
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See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 33  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 By continent - unadjusted

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
12	LEE	3	m 8	14	7	16	1.31 ( 0.38-	4.52)
12	LEE	5	f 22	45	10	21	1.03 ( 0.41-	2.55)
Subtotal 12							1.12 ( 0.54-	2.33)
18	PERSHA	1	f 37	153	33	141	1.03 ( 0.61-	1.74)
24	HOLE	1	m 2	243	1	428	3.52 ( 0.32-	38.65)
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22-	16.12)
Subtotal 24							2.49 ( 0.50-	12.31)
25	SVENSS	1	f 24	114	10	60	1.26 ( 0.57-	2.81)
27	KALAND	2	f 64	70	26	46	1.62 ( 0.90-	2.91)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
45	AUVINE	1	m 17	81	27	148	1.15 ( 0.59-	2.24)
46	BOFFET	6	m 23	68	118	462	1.32 ( 0.79-	2.21)
46	BOFFET	8	f321	632	187	376	1.02 ( 0.82-	1.27)
Subtotal 46							1.06 ( 0.87-	1.30)
48	ZARIDZ	3	f109	163	80	195	1.63 ( 1.14-	2.33)
49	BOFFE2	11	c 33	75	37	103	1.22 ( 0.70-	2.14)
55	MALATS	11	c 58	42	64	79	1.70 ( 1.02-	2.86)
58	LAGARD	5	c179	611	254	997	1.15 ( 0.93-	1.43)
64	ZATLOU	3	f 7	155	77	734	0.43 ( 0.19-	0.95)
65	IARCKR	3	m -	-	-	-	0.40 ( 0.10-	3.00)
65	IARCKR	1	f -	-	-	-	0.90 ( 0.60-	1.40)
Subtotal 65							0.86 ( 0.57-	1.29)
67	EPICA	2	c -	-	-	-	1.42 ( 0.63-	3.20)
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72-	2.61)
Partial Totals			981	4001	960	4471		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
6	HIRAYA	1	m 7	1010	57	19279	2.34 ( 1.07-	5.13)
6	HIRAYA	7	f163	69645	37	21895	1.38 ( 0.97-	1.98)
Subtotal 6							1.52 ( 1.10-	2.10)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
11	AKIBA	1	m 3	9	16	101	2.10 ( 0.51-	8.61)
11	AKIBA	3	f 73	188	21	82	1.52 ( 0.87-	2.63)
Subtotal 11							1.58 ( 0.95-	2.64)
14	GAO	4	f189	276	57	99	1.19 ( 0.82-	1.73)
16	KOO	2	f 51	66	35	70	1.55 ( 0.90-	2.67)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	1	f 18	30	4	17	2.55 ( 0.74-	8.78)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49-	15.21)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
Subtotal 23							1.71 ( 1.00-	2.93)
28	SOBUE	1	f 80	395	64	336	1.06 ( 0.74-	1.52)
29	WU-WIL	3	f205	331	212	271	0.79 ( 0.62-	1.02)
30	LIUZ	1	f 45	176	9	26	0.74 ( 0.32-	1.69)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	1	f 25	37	13	32	1.66 ( 0.73-	3.78)
40	SUN	11	f144	136	86	94	1.16 ( 0.80-	1.68)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44							1.56 ( 0.80-	3.06)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
50	JEE	3	f 67	-	12	-	1.80 ( 0.98-	3.30)
51	RAPITI	1	f 13	21	28	46	1.02 ( 0.44-	2.35)
53	ZHONG	1	f322	377	182	224	1.05 ( 0.82-	1.34)
54	LEECH	7	f186	253	82	192	1.72 ( 1.25-	2.37)
56	WANGL	33	m 14	57	19	57	0.74 ( 0.34-	1.61)

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 33  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 By continent - unadjusted

Asia

StN	Ref	NRR	Case	Exposed Cont	Case	Non-exposed Cont	RR	95.00%CI
56	WANGL	35	f169	337	31	70	1.13	( 0.71- 1.80)
Subtotal 56							1.01	( 0.68- 1.51)
59	NISHIN	1	f 11	30566	13	43361	1.20	( 0.54- 2.68)
60	OHNO	5	f139	239	52	90	1.01	( 0.67- 1.50)
62	SEOW	1	f 91	300	85	362	1.29	( 0.93- 1.80)
66	MCGHEE	5	m 33	71	112	347	1.44	( 0.90- 2.29)
66	MCGHEE	6	f 96	150	83	195	1.50	( 1.05- 2.16)
Subtotal 66							1.48	( 1.11- 1.97)
68	FANG	1	f -	-	-	-	2.74	( 1.82- 4.14)
72	WEN	1	f -	-	-	-	1.09	( 0.74- 1.61)
73	YU	8	f183	246	30	46	1.14	( 0.69- 1.88)
79	KURAHA	9	f 84	280346	25	97466	1.17	( 0.75- 1.83)
82	TSE	1	m 47	194	85	342	0.97	( 0.66- 1.45)
83	LIANG	2	f141	149	85	130	1.45	( 1.01- 2.07)
85	HOSSEI	13	m 0	4	26	166	0.70~	( 0.04- 13.34)
85	HOSSEI	14	f 21	28	34	91	2.01	( 1.01- 4.00)
Subtotal 85							1.90	( 0.97- 3.72)
86	JIANG	8	m 23	10	24	37	3.55	( 1.44- 8.75)
86	JIANG	9	f 67	48	31	50	2.25	( 1.26- 4.03)
Subtotal 86							2.57	( 1.58- 4.19)
88	LO	1	c366	293	96	169	2.20	( 1.64- 2.95)
Partial Totals			3731	387049	2122	186628		

\*prospective study

~ With 0.5 adjustment for zero

Other

StN	Ref	NRR	Case	Exposed Cont	Case	Non-exposed Cont	RR	95.00%CI
75	HILL1	1	m -	-	-	-	0.97	( 0.53- 1.77)
75	HILL1	2	f -	-	-	-	1.00	( 0.49- 2.01)
Subtotal 75							0.98	( 0.62- 1.55)
76	HILL2	1	m -	-	-	-	1.45	( 0.75- 2.81)
76	HILL2	2	f -	-	-	-	1.16	( 0.70- 1.92)
Subtotal 76							1.26	( 0.84- 1.88)
Partial Totals			0	0	0	0		

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

	N	35	21	47	4	107
	NS	26	17	39	2	84
	Wt	549.78	340.95	821.94	42.18	1754.85
	Het Chi	63.87	25.11	94.87	0.92	197.38
	Het df	34	20	46	3	106
	Het P	**	N.S.	***	N.S.	***
Fixed	RR	1.09	1.20	1.32	1.13	1.21
	RR1	1.00	1.08	1.23	0.84	1.16
	RRu	1.18	1.33	1.41	1.53	1.27
	P	+	+++	+++	N.S.	+++
Random	RR	1.11	1.23	1.36	1.13	1.25
	RR1	0.97	1.07	1.22	0.84	1.16
	RRu	1.27	1.40	1.51	1.53	1.34
	P	N.S.	++	+++	N.S.	+++
Asymm	P	N.S.	N.S.	N.S.	N.S.	*
Between	Chi	1.95	12.29	0.06	12.61	
Between	df	1	1	1	3	
Between	P	N.S.	+++	N.S.	**	

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 55  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Female  
 Overall analysis - adjusted

Overall		Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85- 1.61)
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43- 1.30)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81- 5.25)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20- 3.59)
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02- 2.08)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25- 2.45)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81- 1.87)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09- 3.72)
10	WU	3	f -	-	-	-	1.20 ( 0.50- 3.30)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93- 2.76)
12	LEE	6	f -	-	-	-	1.00 ( 0.37- 2.71)
14	GAO	8	f -	-	-	-	1.30 ( 0.87- 1.94)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76- 6.56)
16	KOO	3	f -	-	-	-	1.64 ( 0.87- 3.09)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16- 2.35)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70- 2.10)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48- 8.56)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08- 4.29)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77- 8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64- 1.82)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92- 2.87)
26	JANERI	3	f -	-	-	-	0.75 ( 0.47- 1.20)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09- 4.08)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78- 1.63)
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60- 0.90)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80- 1.20)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80- 3.00)
33	DU	1	f 47	154	28	100	1.09 ( 0.64- 1.85)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77- 3.87)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04- 1.60)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30- 1.13)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60- 1.94)
40	SUN	2	f -	-	-	-	1.16 ( 0.80- 1.69)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67- 1.84)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80- 1.60)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88- 1.39)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06- 2.21)
49	BOFFE2	14	f -	-	-	-	1.00 ( 0.50- 1.90)
50	JEE	4	f -	-	-	-	1.72 ( 0.93- 3.18)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50- 2.90)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80- 1.50)
54	LEECH	8	f -	-	-	-	1.87 ( 1.29- 2.71)
55	MALATS	9	f -	-	-	-	1.50 ( 0.77- 2.91)
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67- 4.60)
60	OHNO	6	f -	-	-	-	1.00 ( 0.67- 1.49)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66- 1.33)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50- 1.30)
72	WEN	1	f -	-	-	-	1.09 ( 0.74- 1.61)
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78- 2.03)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01- 4.00)
Partial Totals			740	96099	497	82971	

\*prospective study

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 Within each study, results are selected according to the following order of preference:  
 1) TIM : m, a, z, y, f, e, x, c, p                      2) UNX : 2, 1, 4, 3, other  
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 55  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Female  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
1	GARFI1	1	f	t	0.16	37.42	0.00	0.3420
2	CHAN	1	f	t	-0.28	12.78	2.44	0.3086
3	CORREA	2	f	t	0.73	4.41	1.45	0.1276
4	TRICHO	1	f	y	0.73	12.77	4.27	0.0091
6	HIRAYA	8	f	t	0.37	30.26	1.46	0.0410
7	KABAT1	4	f	t	-0.24	2.99	0.46	0.6802
8	GARFI2	3	f	t	0.21	22.25	0.07	0.3229
9	LAMW	1	f	a	0.70	10.14	3.03	0.0261
10	WU	3	f	a	0.18	4.31	0.00	0.7049
11	AKIBA	4	f	t	0.41	12.99	0.84	0.1440
12	LEE	6	f	t	0.00	3.88	0.09	1.0000
14	GAO	8	f	t	0.27	23.89	0.31	0.1944
15	HUMBL1	4	f	t	0.79	3.31	1.34	0.1516
16	KOO	3	f	t	0.49	9.57	1.12	0.1260
17	LAMT	1	f	t	0.50	30.63	3.71	0.0057
18	PERSHA	2	f	t	0.18	12.73	0.01	0.5153
19	BUTLER	2	f	t	0.70	1.85	0.56	0.3388
20	GENG	1	f	t	0.77	8.13	3.09	0.0285
21	INOUE	2	f	t	0.81	2.58	1.12	0.1930
22	SHIMIZ	2	f	t	0.08	14.20	0.07	0.7646
23	CHOI	2	f	t	0.49	11.99	1.35	0.0916
26	JANERI	3	f	t	-0.29	17.49	3.38	0.2289
27	KALAND	3	f	t	0.75	8.82	3.12	0.0266
28	SOBUE	2	f	t	0.12	28.29	0.02	0.5157
29	WU-WIL	4	f	t	-0.36	93.46	24.16	0.0006
31	BROWN2	4	f	t	0.00	93.46	2.15	1.0000
32	STOCKW	3	f	t	0.47	8.80	0.89	0.1634
33	DU	1	f	t	0.09	13.61	0.06	0.7506
34	LIUQ	2	f	t	0.54	5.89	0.90	0.1880
35	FONTHA	6	f	t	0.25	82.80	0.88	0.0205
36	LAYARD	4	f	t	-0.54	8.74	4.24	0.1074
38	KABAT2	6	f	t	0.08	11.16	0.06	0.7971
40	SUN	2	f	t	0.15	27.47	0.00	0.4366
42	WANGT	2	f	t	0.10	14.90	0.04	0.6978
43	CARDEN	10	f	t	0.18	31.98	0.03	0.3025
46	BOFFET	9	f	t	0.10	73.53	0.17	0.3709
48	ZARIDZ	4	f	t	0.43	28.46	2.13	0.0233
49	BOFFE2	14	f	a	0.00	8.62	0.20	1.0000
50	JEE	4	f	t	0.54	10.17	1.55	0.0838
51	RAPITI	2	f	t	0.18	4.97	0.00	0.6843
53	ZHONG	2	f	t	0.10	38.89	0.12	0.5523
54	LEECH	8	f	t	0.63	27.89	6.27	0.0009
55	MALATS	9	f	t	0.41	8.69	0.56	0.2319
59	NISHIN	2	f	t	0.59	4.14	0.79	0.2317
60	OHNO	6	f	t	0.00	24.05	0.55	1.0000
63	ENSTRO	12	f	t	-0.06	31.30	1.43	0.7292
65	IARCKR	2	f	t	-0.22	16.83	2.37	0.3600
72	WEN	1	f	t	0.09	25.43	0.11	0.6639
79	KURAHA	10	f	t	0.23	16.80	0.11	0.3436
85	HOSSEI	14	f	t	0.70	8.08	2.40	0.0476

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 Within each study, results are selected according to the following order of preference:  
 1) TIM : m, a, z, y, f, e, x, c, p                      2) UNX : 2, 1, 4, 3, other  
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 55  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Female  
 Overall analysis - adjusted

Relative risks

	N	50
	NS	50
	Wt	1047.79
Het	Chi	85.48
Het	df	49
Het	P	***
Fixed	RR	1.16
	RRl	1.10
	RRu	1.24
	P	+++
Random	RR	1.22
	RRl	1.12
	RRu	1.34
	P	+++
Asymm	P	**

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Within each study, results are selected according to the following order of preference:  
 1) TIM : m, a, z, y, f, e, x, c, p      2) UNX : 2, 1, 4, 3, other  
 See page 2 of this report for a key to the meanings of the variable names and their values.



Table 56  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Female  
 Overall analysis - unadjusted

Overall		Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85- 1.61)
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43- 1.30)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81- 5.25)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20- 3.59)
6	HIRAYA	7	f163	69645	37	21895	1.38 ( 0.97- 1.98)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25- 2.45)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81- 1.87)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09- 3.72)
10	WU	2	f 19	33	9	22	1.41 ( 0.54- 3.67)
11	AKIBA	3	f 73	188	21	82	1.52 ( 0.87- 2.63)
12	LEE	5	f 22	45	10	21	1.03 ( 0.41- 2.55)
14	GAO	4	f189	276	57	99	1.19 ( 0.82- 1.73)
15	HUMBL1	3	f 15	91	5	71	2.34 ( 0.81- 6.75)
16	KOO	2	f 51	66	35	70	1.55 ( 0.90- 2.67)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16- 2.35)
18	PERSHA	1	f 37	153	33	141	1.03 ( 0.61- 1.74)
19	BUTLER	1	f 3	10579	5	43052	2.44 ( 0.58- 10.22)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08- 4.29)
21	INOUE	1	f 18	30	4	17	2.55 ( 0.74- 8.78)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64- 1.82)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92- 2.87)
26	JANERI	3	f -	-	-	-	0.75 ( 0.47- 1.20)
27	KALAND	2	f 64	70	26	46	1.62 ( 0.90- 2.91)
28	SOBUE	1	f 80	395	64	336	1.06 ( 0.74- 1.52)
29	WU-WIL	3	f205	331	212	271	0.79 ( 0.62- 1.02)
31	BROWN2	3	f218	598	213	568	0.97 ( 0.78- 1.21)
32	STOCKW	2	f 44	55	18	36	1.60 ( 0.80- 3.19)
33	DU	1	f 47	154	28	100	1.09 ( 0.64- 1.85)
34	LIUQ	1	f 25	37	13	32	1.66 ( 0.73- 3.78)
35	FONTHA	5	f433	766	218	487	1.26 ( 1.04- 1.54)
36	LAYARD	3	f 15	961	24	969	0.63 ( 0.33- 1.21)
38	KABAT2	5	f 41	102	26	71	1.10 ( 0.62- 1.96)
40	SUN	11	f144	136	86	94	1.16 ( 0.80- 1.68)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67- 1.84)
43	CARDEN	9	f 96	114286	54	77948	1.21 ( 0.87- 1.69)
46	BOFFET	8	f321	632	187	376	1.02 ( 0.82- 1.27)
48	ZARIDZ	3	f109	163	80	195	1.63 ( 1.14- 2.33)
49	BOFFE2	13	f 33	69	33	68	0.99 ( 0.55- 1.77)
50	JEE	3	f 67	-	12	-	1.80 ( 0.98- 3.30)
51	RAPITI	1	f 13	21	28	46	1.02 ( 0.44- 2.35)
53	ZHONG	1	f322	377	182	224	1.05 ( 0.82- 1.34)
54	LEECH	7	f186	253	82	192	1.72 ( 1.25- 2.37)
55	MALATS	2	f -	-	-	-	1.70 ( 0.95- 3.05)
59	NISHIN	1	f 11	30566	13	43361	1.20 ( 0.54- 2.68)
60	OHNO	5	f139	239	52	90	1.01 ( 0.67- 1.50)
63	ENSTRO	9	f -	-	-	-	0.99 ( 0.72- 1.37)
65	IARCKR	1	f -	-	-	-	0.90 ( 0.60- 1.40)
72	WEN	1	f -	-	-	-	1.09 ( 0.74- 1.61)
79	KURAHA	9	f 84	280346	25	97466	1.17 ( 0.75- 1.83)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01- 4.00)
Partial Totals			3980	607608	2361	371317	

\*prospective study

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 Within each study, results are selected according to the following order of preference:  
 1) TIM : m, a, z, y, f, e, x, c, p                      2) UNX : 2, 1, 4, 3, other  
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 56  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Female  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
1	GARFI1	1	f	t	0.16	37.42	0.00	0.3420
2	CHAN	1	f	t	-0.28	12.78	2.54	0.3086
3	CORREA	2	f	t	0.73	4.41	1.41	0.1276
4	TRICHO	1	f	y	0.73	12.77	4.14	0.0091
6	HIRAYA	7	f	t	0.33	30.21	0.82	0.0734
7	KABAT1	4	f	t	-0.24	2.99	0.48	0.6802
8	GARFI2	3	f	t	0.21	22.25	0.05	0.3229
9	LAMW	1	f	a	0.70	10.14	2.93	0.0261
10	WU	2	f	a	0.34	4.18	0.14	0.4850
11	AKIBA	3	f	t	0.42	12.69	0.83	0.1382
12	LEE	5	f	t	0.03	4.64	0.08	0.9548
14	GAO	4	f	t	0.17	27.35	0.00	0.3644
15	HUMBL1	3	f	t	0.85	3.43	1.63	0.1154
16	KOO	2	f	t	0.44	12.88	0.97	0.1182
17	LAMT	1	f	t	0.50	30.63	3.52	0.0057
18	PERSHA	1	f	t	0.03	14.09	0.23	0.9022
19	BUTLER	1	f	t	0.89	1.88	1.01	0.2215
20	GENG	1	f	t	0.77	8.13	3.00	0.0285
21	INOUE	1	f	t	0.94	2.51	1.51	0.1377
22	SHIMIZ	2	f	t	0.08	14.20	0.09	0.7646
23	CHOI	2	f	t	0.49	11.99	1.28	0.0916
26	JANERI	3	f	t	-0.29	17.49	3.51	0.2289
27	KALAND	2	f	t	0.48	11.10	1.14	0.1091
28	SOBUE	1	f	t	0.06	29.73	0.29	0.7379
29	WU-WIL	3	f	t	-0.23	61.33	9.53	0.0674
31	BROWN2	3	f	t	-0.03	78.65	2.81	0.8021
32	STOCKW	2	f	t	0.47	8.05	0.77	0.1824
33	DU	1	f	t	0.09	13.61	0.08	0.7506
34	LIUQ	1	f	t	0.51	5.71	0.69	0.2242
35	FONTHA	5	f	t	0.23	97.51	0.52	0.0212
36	LAYARD	3	f	t	-0.46	9.06	3.51	0.1647
38	KABAT2	5	f	t	0.09	11.53	0.05	0.7517
40	SUN	11	f	t	0.15	27.35	0.01	0.4448
42	WANGT	2	f	t	0.10	14.90	0.05	0.6978
43	CARDEN	9	f	t	0.19	34.59	0.04	0.2571
46	BOFFET	8	f	t	0.02	78.71	1.53	0.8520
48	ZARIDZ	3	f	t	0.49	30.36	3.27	0.0071
49	BOFFE2	13	f	a	-0.01	11.14	0.34	0.9611
50	JEE	3	f	t	0.59	10.42	1.90	0.0577
51	RAPITI	1	f	t	0.02	5.49	0.11	0.9685
53	ZHONG	1	f	t	0.05	63.63	0.78	0.6903
54	LEECH	7	f	t	0.54	37.41	5.47	0.0009
55	MALATS	2	f	t	0.53	11.29	1.55	0.0745
59	NISHIN	1	f	t	0.18	5.96	0.00	0.6557
60	OHNO	5	f	t	0.01	23.97	0.57	0.9743
63	ENSTRO	9	f	t	-0.01	37.13	1.08	0.9512
65	IARCKR	1	f	t	-0.11	21.40	1.51	0.6259
72	WEN	1	f	t	0.09	25.43	0.14	0.6639
79	KURAHA	9	f	t	0.16	19.27	0.00	0.4951
85	HOSSEI	14	f	t	0.70	8.08	2.32	0.0476

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 Within each study, results are selected according to the following order of preference:  
 1) TIM : m, a, z, y, f, e, x, c, p                      2) UNX : 2, 1, 4, 3, other  
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 56  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Female  
 Overall analysis - unadjusted

Relative risks

	N	50
	NS	50
	Wt	1091.86
Het	Chi	70.25
Het	df	49
Het	P	*
Fixed	RR	1.17
	RRl	1.11
	RRu	1.25
	P	+++
Random	RR	1.20
	RRl	1.11
	RRu	1.30
	P	+++
Asymm	P	*

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Within each study, results are selected according to the following order of preference:  
 1) TIM : m, a, z, y, f, e, x, c, p      2) UNX : 2, 1, 4, 3, other  
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 57  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Female  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)
26	JANERI	3	f -	-	-	-	0.75 ( 0.47-	1.20)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
Partial Totals			206	95210	127	82089		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
49	BOFFE2	14	f -	-	-	-	1.00 ( 0.50-	1.90)
55	MALATS	9	f -	-	-	-	1.50 ( 0.77-	2.91)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
Partial Totals			53	116	24	109		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
50	JEE	4	f -	-	-	-	1.72 ( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80-	1.50)
54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)
59	NISHIN	2	f -	-	-	-	1.80 ( 0.67-	4.60)
60	OHNO	6	f -	-	-	-	1.00 ( 0.67-	1.49)
72	WEN	1	f -	-	-	-	1.09 ( 0.74-	1.61)
79	KURAHA	10	f -	-	-	-	1.26 ( 0.78-	2.03)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01-	4.00)
Partial Totals			481	773	346	773		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

1) TIM : m, a, z, y, f, e, x, c, p                      2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 57  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Female

	By continent - adjusted					Total
	NAmerica	Europe	Asia	Other		
Relative risks						
	N	15	9	26		50
	NS	15	9	26		50
	Wt	362.27	174.33	511.19		1047.79
Het	Chi	16.13	12.17	55.56		85.48
Het	df	14	8	25		49
Het	P	N.S.	N.S.	***		***
Fixed	RR	1.11	1.24	1.18		1.16
	RRl	1.00	1.07	1.08		1.10
	RRu	1.23	1.44	1.28		1.24
	P	+	++	+++		+++
Random	RR	1.11	1.28	1.29		1.22
	RRl	0.98	1.04	1.12		1.12
	RRu	1.25	1.58	1.49		1.34
	P	(+)	+	+++		+++
Asymm	P	N.S.	N.S.	***		**
Between	Chi		1.48	0.73		1.61
Between	df		1	1		2
Between	P		N.S.	N.S.	N.S.	N.S.

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Within each study, results are selected according to the following order of preference:  
 1) TIM : m, a, z, y, f, e, x, c, p      2) UNX : 2, 1, 4, 3, other  
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 58  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Female  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
10	WU	2	f 19	33	9	22	1.41 ( 0.54-	3.67)
15	HUMBL1	3	f 15	91	5	71	2.34 ( 0.81-	6.75)
19	BUTLER	1	f 3	10579	5	43052	2.44 ( 0.58-	10.22)
26	JANERI	3	f -	-	-	-	0.75 ( 0.47-	1.20)
31	BROWN2	3	f218	598	213	568	0.97 ( 0.78-	1.21)
32	STOCKW	2	f 44	55	18	36	1.60 ( 0.80-	3.19)
35	FONTHA	5	f433	766	218	487	1.26 ( 1.04-	1.54)
36	LAYARD	3	f 15	961	24	969	0.63 ( 0.33-	1.21)
38	KABAT2	5	f 41	102	26	71	1.10 ( 0.62-	1.96)
43	CARDEN	9	f 96	114286	54	77948	1.21 ( 0.87-	1.69)
63	ENSTRO	9	f -	-	-	-	0.99 ( 0.72-	1.37)
Partial Totals			1090	222681	699	205313		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
12	LEE	5	f 22	45	10	21	1.03 ( 0.41-	2.55)
18	PERSHA	1	f 37	153	33	141	1.03 ( 0.61-	1.74)
27	KALAND	2	f 64	70	26	46	1.62 ( 0.90-	2.91)
46	BOFFET	8	f321	632	187	376	1.02 ( 0.82-	1.27)
48	ZARIDZ	3	f109	163	80	195	1.63 ( 1.14-	2.33)
49	BOFFE2	13	f 33	69	33	68	0.99 ( 0.55-	1.77)
55	MALATS	2	f -	-	-	-	1.70 ( 0.95-	3.05)
65	IARCKR	1	f -	-	-	-	0.90 ( 0.60-	1.40)
Partial Totals			639	1248	393	956		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
6	HIRAYA	7	f163	69645	37	21895	1.38 ( 0.97-	1.98)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
11	AKIBA	3	f 73	188	21	82	1.52 ( 0.87-	2.63)
14	GAO	4	f189	276	57	99	1.19 ( 0.82-	1.73)
16	KOO	2	f 51	66	35	70	1.55 ( 0.90-	2.67)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	1	f 18	30	4	17	2.55 ( 0.74-	8.78)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
28	SOBUE	1	f 80	395	64	336	1.06 ( 0.74-	1.52)
29	WU-WIL	3	f205	331	212	271	0.79 ( 0.62-	1.02)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	1	f 25	37	13	32	1.66 ( 0.73-	3.78)
40	SUN	11	f144	136	86	94	1.16 ( 0.80-	1.68)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
50	JEE	3	f 67	-	12	-	1.80 ( 0.98-	3.30)
51	RAPITI	1	f 13	21	28	46	1.02 ( 0.44-	2.35)
53	ZHONG	1	f322	377	182	224	1.05 ( 0.82-	1.34)
54	LEECH	7	f186	253	82	192	1.72 ( 1.25-	2.37)
59	NISHIN	1	f 11	30566	13	43361	1.20 ( 0.54-	2.68)
60	OHNO	5	f139	239	52	90	1.01 ( 0.67-	1.50)
72	WEN	1	f -	-	-	-	1.09 ( 0.74-	1.61)
79	KURAHA	9	f 84	280346	25	97466	1.17 ( 0.75-	1.83)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01-	4.00)
Partial Totals			2251	383679	1269	165048		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

1) TIM : m, a, z, y, f, e, x, c, p                      2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 58  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Female

		By continent - unadjusted				
		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	15	9	26		50
	NS	15	9	26		50
	Wt	370.54	195.51	525.81		1091.86
Het	Chi	16.11	13.71	39.08		70.25
Het	df	14	8	25		49
Het	P	N.S.	(*)	*		*
Fixed	RR	1.12	1.20	1.21		1.17
	RRl	1.01	1.04	1.11		1.11
	RRu	1.24	1.38	1.31		1.25
	P	+	+	+++		+++
Random	RR	1.12	1.25	1.25		1.20
	RRl	0.99	1.02	1.12		1.11
	RRu	1.26	1.54	1.40		1.30
	P	(+)	+	+++		+++
Asymm	P	N.S.	N.S.	*		*
Between	Chi		0.60	1.25		1.34
Between	df		1	1		2
Between	P		N.S.	N.S.	N.S.	N.S.

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Within each study, results are selected according to the following order of preference:  
 1) TIM : m, a, z, y, f, e, x, c, p      2) UNX : 2, 1, 4, 3, other  
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 59  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Male  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
3	CORREA	1	m 2	26	6	154	1.97	( 0.38-	10.32)
6	HIRAYA	2	m -	-	-	-	2.25	( 1.05-	4.76)
7	KABAT1	3	m 5	5	7	7	1.00	( 0.20-	5.07)
11	AKIBA	2	m -	-	-	-	1.80	( 0.39-	6.96)
12	LEE	4	m -	-	-	-	1.30	( 0.38-	4.39)
15	HUMBL1	2	m -	-	-	-	4.08	( 0.70-	23.91)
23	CHOI	1	m 2	6	11	90	2.73	( 0.49-	15.21)
26	JANERI	2	m -	-	-	-	0.75	( 0.31-	1.78)
36	LAYARD	2	m -	-	-	-	1.47	( 0.55-	3.94)
38	KABAT2	4	m -	-	-	-	1.60	( 0.67-	3.82)
43	CARDEN	12	m -	-	-	-	1.10	( 0.60-	1.80)
46	BOFFET	7	m -	-	-	-	1.47	( 0.81-	2.66)
55	MALATS	8	m -	-	-	-	1.50	( 0.41-	5.43)
63	ENSTRO	6	m -	-	-	-	0.63	( 0.33-	1.22)
65	IARCKR	3	m -	-	-	-	0.40	( 0.10-	3.00)
85	HOSSEI	13	m 0	4	26	166	0.70~	( 0.04-	13.34)
Partial Totals			9	41	50	417			

\*prospective study

~ With 0.5 adjustment for zero

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
3	CORREA	1	m	t	0.68	1.41	0.30	0.4200
6	HIRAYA	2	m	t	0.81	6.73	2.39	0.0355
7	KABAT1	3	m	t	0.00	1.46	0.07	1.0000
11	AKIBA	2	m	t	0.59	1.85	0.26	0.4240
12	LEE	4	m	t	0.26	2.57	0.01	0.6743
15	HUMBL1	2	m	t	1.41	1.23	1.75	0.1185
23	CHOI	1	m	t	1.00	1.30	0.81	0.2525
26	JANERI	2	m	t	-0.29	5.03	1.27	0.5188
36	LAYARD	2	m	t	0.39	3.96	0.11	0.4431
38	KABAT2	4	m	t	0.47	5.07	0.33	0.2899
43	CARDEN	12	m	t	0.10	12.73	0.18	0.7338
46	BOFFET	7	m	t	0.39	10.87	0.31	0.2041
55	MALATS	8	m	t	0.41	2.30	0.08	0.5384
63	ENSTRO	6	m	t	-0.46	8.99	4.12	0.1660
65	IARCKR	3	m	t	-0.92	1.33	1.70	0.2910
85	HOSSEI	13	m	t	-0.36	0.44	0.15	0.8113

Relative risks

	N	16
	NS	16
	Wt	67.26
Het	Chi	13.84
Het	df	15
Het	P	N.S.
Fixed	RR	1.24
	RRl	0.98
	RRu	1.57
	P	(+)
Random	RR	1.24
	RRl	0.98
	RRu	1.57
	P	(+)
Asymm	P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) TIM : m, a, z, y, f, e, x, c, p                      2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 60  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Male  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
3	CORREA	1	m 2	26	6	154	1.97	( 0.38-	10.32)
6	HIRAYA	1	m 7	1010	57	19279	2.34	( 1.07-	5.13)
7	KABAT1	3	m 5	5	7	7	1.00	( 0.20-	5.07)
11	AKIBA	1	m 3	9	16	101	2.10	( 0.51-	8.61)
12	LEE	3	m 8	14	7	16	1.31	( 0.38-	4.52)
15	HUMBL1	1	m 5	37	3	93	4.19	( 0.95-	18.42)
23	CHOI	1	m 2	6	11	90	2.73	( 0.49-	15.21)
26	JANERI	2	m -	-	-	-	0.75	( 0.31-	1.78)
36	LAYARD	1	m 6	215	15	783	1.46	( 0.56-	3.80)
38	KABAT2	3	m 11	19	28	79	1.63	( 0.69-	3.85)
43	CARDEN	11	m 18	19549	79	76993	0.90	( 0.54-	1.50)
46	BOFFET	6	m 23	68	118	462	1.32	( 0.79-	2.21)
55	MALATS	1	m -	-	-	-	1.70	( 0.55-	5.26)
63	ENSTRO	3	m -	-	-	-	0.75	( 0.42-	1.35)
65	IARCKR	3	m -	-	-	-	0.40	( 0.10-	3.00)
85	HOSSEI	13	m 0	4	26	166	0.70~(	0.04-	13.34)
Partial Totals			90	20962	373	98223			

\*prospective study

~ With 0.5 adjustment for zero

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
3	CORREA	1	m	t	0.68	1.41	0.34	0.4200
6	HIRAYA	1	m	t	0.85	6.28	2.76	0.0328
7	KABAT1	3	m	t	0.00	1.46	0.05	1.0000
11	AKIBA	1	m	t	0.74	1.93	0.60	0.3008
12	LEE	3	m	t	0.27	2.49	0.02	0.6735
15	HUMBL1	1	m	t	1.43	1.75	2.71	0.0580
23	CHOI	1	m	t	1.00	1.30	0.86	0.2525
26	JANERI	2	m	t	-0.29	5.03	1.14	0.5188
36	LAYARD	1	m	t	0.38	4.18	0.15	0.4418
38	KABAT2	3	m	t	0.49	5.21	0.48	0.2627
43	CARDEN	11	m	t	-0.11	14.67	1.29	0.6783
46	BOFFET	6	m	t	0.28	14.53	0.12	0.2843
55	MALATS	1	m	t	0.53	3.01	0.35	0.3569
63	ENSTRO	3	m	t	-0.29	11.27	2.55	0.3341
65	IARCKR	3	m	t	-0.92	1.33	1.62	0.2910
85	HOSSEI	13	m	t	-0.36	0.44	0.13	0.8113

Relative risks

	N	16
	NS	16
	Wt	76.29
Het	Chi	15.18
Het	df	15
Het	P	N.S.
Fixed	RR	1.21
	RRl	0.96
	RRu	1.51
	P	(+)
Random	RR	1.21
	RRl	0.96
	RRu	1.52
	P	(+)
Asymm	P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) TIM : m, a, z, y, f, e, x, c, p                      2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 61  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Male  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38- 10.32)	
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20- 5.07)	
15	HUMBL1	2	m -	-	-	-	4.08 ( 0.70- 23.91)	
26	JANERI	2	m -	-	-	-	0.75 ( 0.31- 1.78)	
36	LAYARD	2	m -	-	-	-	1.47 ( 0.55- 3.94)	
38	KABAT2	4	m -	-	-	-	1.60 ( 0.67- 3.82)	
43	CARDEN	12	m -	-	-	-	1.10 ( 0.60- 1.80)	
63	ENSTRO	6	m -	-	-	-	0.63 ( 0.33- 1.22)	
Partial Totals			7	31	13	161		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	4	m -	-	-	-	1.30 ( 0.38- 4.39)	
46	BOFFET	7	m -	-	-	-	1.47 ( 0.81- 2.66)	
55	MALATS	8	m -	-	-	-	1.50 ( 0.41- 5.43)	
65	IARCKR	3	m -	-	-	-	0.40 ( 0.10- 3.00)	
Partial Totals			0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
6	HIRAYA	2	m -	-	-	-	2.25 ( 1.05- 4.76)	
11	AKIBA	2	m -	-	-	-	1.80 ( 0.39- 6.96)	
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49- 15.21)	
85	HOSSEI	13	m 0	4	26	166	0.70~( 0.04- 13.34)	
Partial Totals			2	10	37	256		

\*prospective study

~ With 0.5 adjustment for zero

NAmerica      Europe      Asia      Other      Total

Relative risks

N	8	4	4	16
NS	8	4	4	16
Wt	39.88	17.06	10.32	67.26
Het Chi	7.12	2.06	0.70	13.84
Het df	7	3	3	15
Het P	N.S.	N.S.	N.S.	N.S.
Fixed RR	1.06	1.31	2.11	1.24
RRl	0.78	0.81	1.14	0.98
RRu	1.44	2.10	3.88	1.57
P	N.S.	N.S.	+	(+)
Random RR	1.06	1.31	2.11	1.24
RRl	0.77	0.81	1.14	0.98
RRu	1.45	2.10	3.88	1.57
P	N.S.	N.S.	+	(+)
Asymm P	N.S.	N.S.	N.S.	N.S.
Between Chi		0.54	3.90	3.96
Between df		1	1	2
Between P		N.S.	+	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) TIM : m, a, z, y, f, e, x, c, p      2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 62  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Male  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38-	10.32)
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20-	5.07)
15	HUMBL1	1	m 5	37	3	93	4.19 ( 0.95-	18.42)
26	JANERI	2	m -	-	-	-	0.75 ( 0.31-	1.78)
36	LAYARD	1	m 6	215	15	783	1.46 ( 0.56-	3.80)
38	KABAT2	3	m 11	19	28	79	1.63 ( 0.69-	3.85)
43	CARDEN	11	m 18	19549	79	76993	0.90 ( 0.54-	1.50)
63	ENSTRO	3	m -	-	-	-	0.75 ( 0.42-	1.35)
Partial Totals			47	19851	138	78109		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	3	m 8	14	7	16	1.31 ( 0.38-	4.52)
46	BOFFET	6	m 23	68	118	462	1.32 ( 0.79-	2.21)
55	MALATS	1	m -	-	-	-	1.70 ( 0.55-	5.26)
65	IARCKR	3	m -	-	-	-	0.40 ( 0.10-	3.00)
Partial Totals			31	82	125	478		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
6	HIRAYA	1	m 7	1010	57	19279	2.34 ( 1.07-	5.13)
11	AKIBA	1	m 3	9	16	101	2.10 ( 0.51-	8.61)
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49-	15.21)
85	HOSSEI	13	m 0	4	26	166	0.70~( 0.04-	13.34)
Totals			12	1029	110	19636		

\*prospective study

~ With 0.5 adjustment for zero

	NAmerica	Europe	Asia	Other	Total
Relative risks					
	N	8	4	4	16
	NS	8	4	4	16
	Wt	44.98	21.36	9.95	76.29
Het	Chi	7.57	2.06	0.67	15.18
Het	df	7	3	3	15
Het	P	N.S.	N.S.	N.S.	N.S.
Fixed	RR	1.03	1.27	2.22	1.21
	RRl	0.77	0.83	1.19	0.96
	RRu	1.38	1.94	4.13	1.51
	P	N.S.	N.S.	+	(+)
Random	RR	1.05	1.27	2.22	1.21
	RRl	0.77	0.83	1.19	0.96
	RRu	1.43	1.94	4.13	1.52
	P	N.S.	N.S.	+	(+)
Asymm	P	(*)	N.S.	N.S.	N.S.
Between	Chi		0.64	4.80	4.88
Between	df		1	1	2
Between	P		N.S.	+	N.S. (*)

-----  
 Within each study, results are selected according to the following order of preference:

1) TIM : m, a, z, y, f, e, x, c, p                      2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 63  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43-	1.30)
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3							2.04 ( 0.91-	4.61)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
6	HIRAYA	2	m -	-	-	-	2.25 ( 1.05-	4.76)
6	HIRAYA	8	f -	-	-	-	1.45 ( 1.02-	2.08)
Subtotal 6							1.57 ( 1.14-	2.17)
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20-	5.07)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
Subtotal 7							0.85 ( 0.34-	2.16)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
11	AKIBA	2	m -	-	-	-	1.80 ( 0.39-	6.96)
11	AKIBA	4	f -	-	-	-	1.50 ( 0.93-	2.76)
Subtotal 11							1.53 ( 0.92-	2.55)
12	LEE	4	m -	-	-	-	1.30 ( 0.38-	4.39)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
Subtotal 12							1.11 ( 0.51-	2.40)
14	GAO	8	f -	-	-	-	1.30 ( 0.87-	1.94)
15	HUMBL1	2	m -	-	-	-	4.08 ( 0.70-	23.91)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
Subtotal 15							2.60 ( 1.04-	6.53)
16	KOO	3	f -	-	-	-	1.64 ( 0.87-	3.09)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16-	2.35)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25 ( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49-	15.21)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92-	2.87)
Subtotal 23							1.71 ( 1.00-	2.93)
26	JANERI	4	c -	-	-	-	0.75 ( 0.48-	1.18)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
28	SOBUE	2	f -	-	-	-	1.13 ( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70 ( 0.60-	0.90)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
33	DU	1	f 47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72 ( 0.77-	3.87)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
36	LAYARD	2	m -	-	-	-	1.47 ( 0.55-	3.94)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
Subtotal 36							0.78 ( 0.45-	1.34)
38	KABAT2	4	m -	-	-	-	1.60 ( 0.67-	3.82)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
Subtotal 38							1.22 ( 0.75-	1.99)
40	SUN	2	f -	-	-	-	1.16 ( 0.80-	1.69)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67-	1.84)
43	CARDEN	12	m -	-	-	-	1.10 ( 0.60-	1.80)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
Subtotal 43							1.17 ( 0.87-	1.57)
46	BOFFET	7	m -	-	-	-	1.47 ( 0.81-	2.66)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
Subtotal 46							1.15 ( 0.93-	1.42)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50-	1.80)
50	JEE	4	f -	-	-	-	1.72 ( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20 ( 0.50-	2.90)
53	ZHONG	2	f -	-	-	-	1.10 ( 0.80-	1.50)
54	LEECH	8	f -	-	-	-	1.87 ( 1.29-	2.71)
55	MALATS	12	c -	-	-	-	1.50 ( 0.80-	2.60)

Within each study, results are selected according to the following order of preference:

1) TIM : m, a, z, y, f, e, x, c, p                      2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 63  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
59	NISHIN	2	f -	-	-	-	1.80	( 0.67- 4.60)
60	OHNO	6	f -	-	-	-	1.00	( 0.67- 1.49)
63	ENSTRO	6	m -	-	-	-	0.63	( 0.33- 1.22)
63	ENSTRO	12	f -	-	-	-	0.94	( 0.66- 1.33)
Subtotal 63							0.86	( 0.63- 1.17)
65	IARCKR	3	m -	-	-	-	0.40	( 0.10- 3.00)
65	IARCKR	2	f -	-	-	-	0.80	( 0.50- 1.30)
Subtotal 65							0.76	( 0.48- 1.20)
72	WEN	1	f -	-	-	-	1.09	( 0.74- 1.61)
79	KURAHA	10	f -	-	-	-	1.26	( 0.78- 2.03)
85	HOSSEI	13	m 0	4	26	166	0.70~	( 0.04- 13.34)
85	HOSSEI	14	f 21	28	34	91	2.01	( 1.01- 4.00)
Subtotal 85							1.90	( 0.97- 3.72)
Partial Totals			749	96140	547	83388		

\*prospective study

~ With 0.5 adjustment for zero

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
1	GARFI1	1	f	t	0.16	37.42	0.00	0.3420
2	CHAN	1	f	t	-0.28	12.78	2.49	0.3086
3	CORREA	1	m	t	0.68	1.41	0.38	0.4200
3	CORREA	2	f	t	0.73	4.41	1.43	0.1276
Subtotal 3					0.71	5.82	1.81	
4	TRICHO	1	f	y	0.73	12.77	4.19	0.0091
6	HIRAYA	2	m	t	0.81	6.73	2.88	0.0355
6	HIRAYA	8	f	t	0.37	30.26	1.39	0.0410
Subtotal 6					0.45	36.99	4.27	
7	KABAT1	3	m	t	0.00	1.46	0.04	1.0000
7	KABAT1	4	f	t	-0.24	2.99	0.47	0.6802
Subtotal 7					-0.16	4.45	0.50	
8	GARFI2	3	f	t	0.21	22.25	0.06	0.3229
9	LAMW	1	f	a	0.70	10.14	2.97	0.0261
10	WU	3	f	a	0.18	4.31	0.00	0.7049
11	AKIBA	2	m	t	0.59	1.85	0.34	0.4240
11	AKIBA	4	f	t	0.41	12.99	0.80	0.1440
Subtotal 11					0.43	14.84	1.15	
12	LEE	4	m	t	0.26	2.57	0.03	0.6743
12	LEE	6	f	t	0.00	3.88	0.10	1.0000
Subtotal 12					0.10	6.44	0.12	
14	GAO	8	f	t	0.27	23.89	0.28	0.1944
15	HUMBL1	2	m	t	1.41	1.23	1.92	0.1185
15	HUMBL1	4	f	t	0.79	3.31	1.32	0.1516
Subtotal 15					0.96	4.54	3.24	
16	KOO	3	f	t	0.49	9.57	1.09	0.1260
17	LAMT	1	f	t	0.50	30.63	3.60	0.0057
18	PERSHA	2	f	t	0.18	12.73	0.01	0.5153
19	BUTLER	2	f	t	0.70	1.85	0.55	0.3388
20	GENG	1	f	t	0.77	8.13	3.04	0.0285
21	INOUE	2	f	t	0.81	2.58	1.10	0.1930
22	SHIMIZ	2	f	t	0.08	14.20	0.09	0.7646
23	CHOI	1	m	t	1.00	1.30	0.93	0.2525
23	CHOI	2	f	t	0.49	11.99	1.31	0.0916
Subtotal 23					0.54	13.29	2.24	
26	JANERI	4	c	t	-0.29	18.99	3.75	0.2099
27	KALAND	3	f	t	0.75	8.82	3.07	0.0266
28	SOBUE	2	f	t	0.12	28.29	0.03	0.5157
29	WU-WIL	4	f	t	-0.36	93.46	24.66	0.0006
31	BROWN2	4	f	t	0.00	93.46	2.30	1.0000
32	STOCKW	3	f	t	0.47	8.80	0.86	0.1634
33	DU	1	f	t	0.09	13.61	0.07	0.7506
34	LIUQ	2	f	t	0.54	5.89	0.88	0.1880
35	FONTHA	6	f	t	0.25	82.80	0.79	0.0205
36	LAYARD	2	m	t	0.39	3.96	0.21	0.4431
36	LAYARD	4	f	t	-0.54	8.74	4.30	0.1074

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Table 63  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
Subtotal 36					-0.25	12.70	4.51	
38	KABAT2	4	m	t	0.47	5.07	0.50	0.2899
38	KABAT2	6	f	t	0.08	11.16	0.07	0.7971
Subtotal 38					0.20	16.23	0.57	
40	SUN	2	f	t	0.15	27.47	0.00	0.4366
42	WANGT	2	f	t	0.10	14.90	0.05	0.6978
43	CARDEN	12	m	t	0.10	12.73	0.05	0.7338
43	CARDEN	10	f	t	0.18	31.98	0.02	0.3025
Subtotal 43					0.16	44.71	0.07	
46	BOFFET	7	m	t	0.39	10.87	0.57	0.2041
46	BOFFET	9	f	t	0.10	73.53	0.20	0.3709
Subtotal 46					0.14	84.40	0.77	
48	ZARIDZ	4	f	t	0.43	28.46	2.05	0.0233
49	BOFFE2	12	c	a	0.00	9.36	0.23	1.0000
50	JEE	4	f	t	0.54	10.17	1.51	0.0838
51	RAPITI	2	f	t	0.18	4.97	0.00	0.6843
53	ZHONG	2	f	t	0.10	38.89	0.15	0.5523
54	LEECH	8	f	t	0.63	27.89	6.13	0.0009
55	MALATS	12	c	t	0.41	11.06	0.68	0.1775
59	NISHIN	2	f	t	0.59	4.14	0.77	0.2317
60	OHNO	6	f	t	0.00	24.05	0.59	1.0000
63	ENSTRO	6	m	t	-0.46	8.99	3.44	0.1660
63	ENSTRO	12	f	t	-0.06	31.30	1.50	0.7292
Subtotal 63					-0.15	40.28	4.94	
65	IARCKR	3	m	t	-0.92	1.33	1.53	0.2910
65	IARCKR	2	f	t	-0.22	16.83	2.43	0.3600
Subtotal 65					-0.27	18.16	3.96	
72	WEN	1	f	t	0.09	25.43	0.13	0.6639
79	KURAHA	10	f	t	0.23	16.80	0.09	0.3436
85	HOSSEI	13	m	t	-0.36	0.44	0.12	0.8113
85	HOSSEI	14	f	t	0.70	8.08	2.36	0.0476
Subtotal 85					0.64	8.52	2.47	

Relative risks

	N	64
	NS	50
	Wt	1112.34
Het	Chi	98.91
Het	df	63
Het	P	**
Fixed	RR	1.17
	RRl	1.10
	RRu	1.24
	P	+++
Random	RR	1.23
	RRl	1.13
	RRu	1.34
	P	+++
Asymm	P	**

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 Within each study, results are selected according to the following order of preference:  
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 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 64  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Both sexes  
 Overall analysis - unadjusted

Overall		Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85- 1.61)
2	CHAN	1	f 34	66	50	73	0.75 ( 0.43- 1.30)
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38- 10.32)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81- 5.25)
Subtotal 3							2.04 ( 0.91- 4.61)
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20- 3.59)
6	HIRAYA	1	m 7	1010	57	19279	2.34 ( 1.07- 5.13)
6	HIRAYA	7	f163	69645	37	21895	1.38 ( 0.97- 1.98)
Subtotal 6							1.52 ( 1.10- 2.10)
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20- 5.07)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25- 2.45)
Subtotal 7							0.85 ( 0.34- 2.16)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81- 1.87)
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09- 3.72)
10	WU	2	f 19	33	9	22	1.41 ( 0.54- 3.67)
11	AKIBA	1	m 3	9	16	101	2.10 ( 0.51- 8.61)
11	AKIBA	3	f 73	188	21	82	1.52 ( 0.87- 2.63)
Subtotal 11							1.58 ( 0.95- 2.64)
12	LEE	3	m 8	14	7	16	1.31 ( 0.38- 4.52)
12	LEE	5	f 22	45	10	21	1.03 ( 0.41- 2.55)
Subtotal 12							1.12 ( 0.54- 2.33)
14	GAO	4	f189	276	57	99	1.19 ( 0.82- 1.73)
15	HUMBL1	1	m 5	37	3	93	4.19 ( 0.95- 18.42)
15	HUMBL1	3	f 15	91	5	71	2.34 ( 0.81- 6.75)
Subtotal 15							2.85 ( 1.20- 6.74)
16	KOO	2	f 51	66	35	70	1.55 ( 0.90- 2.67)
17	LAMT	1	f115	152	84	183	1.65 ( 1.16- 2.35)
18	PERSHA	1	f 37	153	33	141	1.03 ( 0.61- 1.74)
19	BUTLER	1	f 3	10579	5	43052	2.44 ( 0.58- 10.22)
20	GENG	1	f 34	41	20	52	2.16 ( 1.08- 4.29)
21	INOUE	1	f 18	30	4	17	2.55 ( 0.74- 8.78)
22	SHIMIZ	2	f 52	91	38	72	1.08 ( 0.64- 1.82)
23	CHOI	1	m 2	6	11	90	2.73 ( 0.49- 15.21)
23	CHOI	2	f 49	88	26	76	1.63 ( 0.92- 2.87)
Subtotal 23							1.71 ( 1.00- 2.93)
26	JANERI	4	c -	-	-	-	0.75 ( 0.48- 1.18)
27	KALAND	2	f 64	70	26	46	1.62 ( 0.90- 2.91)
28	SOBUE	1	f 80	395	64	336	1.06 ( 0.74- 1.52)
29	WU-WIL	3	f205	331	212	271	0.79 ( 0.62- 1.02)
31	BROWN2	3	f218	598	213	568	0.97 ( 0.78- 1.21)
32	STOCKW	2	f 44	55	18	36	1.60 ( 0.80- 3.19)
33	DU	1	f 47	154	28	100	1.09 ( 0.64- 1.85)
34	LIUQ	1	f 25	37	13	32	1.66 ( 0.73- 3.78)
35	FONTHA	5	f433	766	218	487	1.26 ( 1.04- 1.54)
36	LAYARD	1	m 6	215	15	783	1.46 ( 0.56- 3.80)
36	LAYARD	3	f 15	961	24	969	0.63 ( 0.33- 1.21)
Subtotal 36							0.82 ( 0.48- 1.41)
38	KABAT2	3	m 11	19	28	79	1.63 ( 0.69- 3.85)
38	KABAT2	5	f 41	102	26	71	1.10 ( 0.62- 1.96)
Subtotal 38							1.24 ( 0.77- 2.01)
40	SUN	11	f144	136	86	94	1.16 ( 0.80- 1.68)
42	WANGT	2	f 92	89	43	46	1.11 ( 0.67- 1.84)
43	CARDEN	11	m 18	19549	79	76993	0.90 ( 0.54- 1.50)
43	CARDEN	9	f 96	114286	54	77948	1.21 ( 0.87- 1.69)
Subtotal 43							1.11 ( 0.84- 1.47)
46	BOFFET	6	m 23	68	118	462	1.32 ( 0.79- 2.21)
46	BOFFET	8	f321	632	187	376	1.02 ( 0.82- 1.27)
Subtotal 46							1.06 ( 0.87- 1.30)
48	ZARIDZ	3	f109	163	80	195	1.63 ( 1.14- 2.33)
49	BOFFE2	11	c 33	75	37	103	1.22 ( 0.70- 2.14)
50	JEE	3	f 67	-	12	-	1.80 ( 0.98- 3.30)
51	RAPITI	1	f 13	21	28	46	1.02 ( 0.44- 2.35)
53	ZHONG	1	f322	377	182	224	1.05 ( 0.82- 1.34)
54	LEECH	7	f186	253	82	192	1.72 ( 1.25- 2.37)
55	MALATS	11	c 58	42	64	79	1.70 ( 1.02- 2.86)

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Table 64  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Both sexes  
 Overall analysis - unadjusted

Overall		Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	Case	Cont	Case	Cont		
59	NISHIN	1	f 11	30566	13	43361	1.20 ( 0.54- 2.68)
60	OHNO	5	f139	239	52	90	1.01 ( 0.67- 1.50)
63	ENSTRO	3	m -	-	-	-	0.75 ( 0.42- 1.35)
63	ENSTRO	9	f -	-	-	-	0.99 ( 0.72- 1.37)
Subtotal 63							0.93 ( 0.70- 1.23)
65	IARCKR	3	m -	-	-	-	0.40 ( 0.10- 3.00)
65	IARCKR	1	f -	-	-	-	0.90 ( 0.60- 1.40)
Subtotal 65							0.86 ( 0.57- 1.29)
72	WEN	1	f -	-	-	-	1.09 ( 0.74- 1.61)
79	KURAHA	9	f 84	280346	25	97466	1.17 ( 0.75- 1.83)
85	HOSSEI	13	m 0	4	26	166	0.70~( 0.04- 13.34)
85	HOSSEI	14	f 21	28	34	91	2.01 ( 1.01- 4.00)
Subtotal 85							1.90 ( 0.97- 3.72)
Partial Totals			4128	628618	2802	469654	

\*prospective study

~ With 0.5 adjustment for zero

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
1	GARFI1	1	f	t	0.16	37.42	0.00	0.3420
2	CHAN	1	f	t	-0.28	12.78	2.60	0.3086
3	CORREA	1	m	t	0.68	1.41	0.37	0.4200
3	CORREA	2	f	t	0.73	4.41	1.38	0.1276
Subtotal 3					0.71	5.82	1.75	
4	TRICHO	1	f	y	0.73	12.77	4.06	0.0091
6	HIRAYA	1	m	t	0.85	6.28	2.95	0.0328
6	HIRAYA	7	f	t	0.33	30.21	0.77	0.0734
Subtotal 6					0.42	36.48	3.72	
7	KABAT1	3	m	t	0.00	1.46	0.04	1.0000
7	KABAT1	4	f	t	-0.24	2.99	0.49	0.6802
Subtotal 7					-0.16	4.45	0.53	
8	GARFI2	3	f	t	0.21	22.25	0.04	0.3229
9	LAMW	1	f	a	0.70	10.14	2.88	0.0261
10	WU	2	f	a	0.34	4.18	0.13	0.4850
11	AKIBA	1	m	t	0.74	1.93	0.65	0.3008
11	AKIBA	3	f	t	0.42	12.69	0.79	0.1382
Subtotal 11					0.46	14.62	1.44	
12	LEE	3	m	t	0.27	2.49	0.03	0.6735
12	LEE	5	f	t	0.03	4.64	0.09	0.9548
Subtotal 12					0.11	7.13	0.12	
14	GAO	4	f	t	0.17	27.35	0.00	0.3644
15	HUMBL1	1	m	t	1.43	1.75	2.81	0.0580
15	HUMBL1	3	f	t	0.85	3.43	1.61	0.1154
Subtotal 15					1.05	5.18	4.41	
16	KOO	2	f	t	0.44	12.88	0.93	0.1182
17	LAMT	1	f	t	0.50	30.63	3.41	0.0057
18	PERSHA	1	f	t	0.03	14.09	0.25	0.9022
19	BUTLER	1	f	t	0.89	1.88	0.99	0.2215
20	GENG	1	f	t	0.77	8.13	2.95	0.0285
21	INOUE	1	f	t	0.94	2.51	1.49	0.1377
22	SHIMIZ	2	f	t	0.08	14.20	0.11	0.7646
23	CHOI	1	m	t	1.00	1.30	0.91	0.2525
23	CHOI	2	f	t	0.49	11.99	1.24	0.0916
Subtotal 23					0.54	13.29	2.15	
26	JANERI	4	c	t	-0.29	18.99	3.91	0.2099
27	KALAND	2	f	t	0.48	11.10	1.10	0.1091
28	SOBUE	1	f	t	0.06	29.73	0.33	0.7379
29	WU-WIL	3	f	t	-0.23	61.33	9.79	0.0674
31	BROWN2	3	f	t	-0.03	78.65	2.97	0.8021
32	STOCKW	2	f	t	0.47	8.05	0.74	0.1824
33	DU	1	f	t	0.09	13.61	0.09	0.7506
34	LIUQ	1	f	t	0.51	5.71	0.67	0.2242
35	FONTHA	5	f	t	0.23	97.51	0.44	0.0212
36	LAYARD	1	m	t	0.38	4.18	0.18	0.4418
36	LAYARD	3	f	t	-0.46	9.06	3.57	0.1647

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Table 64  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
Subtotal	36				-0.20	13.24	3.75	
38	KABAT2	3	m	t	0.49	5.21	0.55	0.2627
38	KABAT2	5	f	t	0.09	11.53	0.06	0.7517
Subtotal	38				0.22	16.74	0.61	
40	SUN	11	f	t	0.15	27.35	0.01	0.4448
42	WANGT	2	f	t	0.10	14.90	0.06	0.6978
43	CARDEN	11	m	t	-0.11	14.67	1.10	0.6783
43	CARDEN	9	f	t	0.19	34.59	0.02	0.2571
Subtotal	43				0.10	49.26	1.13	
46	BOFFET	6	m	t	0.28	14.53	0.19	0.2843
46	BOFFET	8	f	t	0.02	78.71	1.65	0.8520
Subtotal	46				0.06	93.24	1.85	
48	ZARIDZ	3	f	t	0.49	30.36	3.16	0.0071
49	BOFFE2	11	c	a	0.20	12.44	0.02	0.4743
50	JEE	3	f	t	0.59	10.42	1.85	0.0577
51	RAPITI	1	f	t	0.02	5.49	0.12	0.9685
53	ZHONG	1	f	t	0.05	63.63	0.86	0.6903
54	LEECH	7	f	t	0.54	37.41	5.32	0.0009
55	MALATS	11	c	t	0.53	14.42	1.95	0.0428
59	NISHIN	1	f	t	0.18	5.96	0.00	0.6557
60	OHNO	5	f	t	0.01	23.97	0.61	0.9743
63	ENSTRO	3	m	t	-0.29	11.27	2.32	0.3341
63	ENSTRO	9	f	t	-0.01	37.13	1.15	0.9512
Subtotal	63				-0.07	48.40	3.47	
65	IARCKR	3	m	t	-0.92	1.33	1.56	0.2910
65	IARCKR	1	f	t	-0.11	21.40	1.58	0.6259
Subtotal	65				-0.15	22.73	3.13	
72	WEN	1	f	t	0.09	25.43	0.16	0.6639
79	KURAHA	9	f	t	0.16	19.27	0.00	0.4951
85	HOSSEI	13	m	t	-0.36	0.44	0.12	0.8113
85	HOSSEI	14	f	t	0.70	8.08	2.28	0.0476
Subtotal	85				0.64	8.52	2.40	

Relative risks

	N	64
	NS	50
	Wt	1166.04
Het	Chi	84.47
Het	df	63
Het	P	*
Fixed	RR	1.18
	RRl	1.11
	RRu	1.25
	P	+++
Random	RR	1.21
	RRl	1.13
	RRu	1.30
	P	+++
Asymm	P	**

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 Within each study, results are selected according to the following order of preference:  
 1) TIM : m, a, z, y, f, e, x, c, p                      2) UNX : 2, 1, 4, 3, other  
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 65  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3							2.04 ( 0.91-	4.61)
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20-	5.07)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
Subtotal 7							0.85 ( 0.34-	2.16)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
15	HUMBL1	2	m -	-	-	-	4.08 ( 0.70-	23.91)
15	HUMBL1	4	f -	-	-	-	2.20 ( 0.76-	6.56)
Subtotal 15							2.60 ( 1.04-	6.53)
19	BUTLER	2	f -	-	-	-	2.02 ( 0.48-	8.56)
26	JANERI	4	c -	-	-	-	0.75 ( 0.48-	1.18)
31	BROWN2	4	f -	-	-	-	1.00 ( 0.80-	1.20)
32	STOCKW	3	f -	-	-	-	1.60 ( 0.80-	3.00)
35	FONTHA	6	f -	-	-	-	1.29 ( 1.04-	1.60)
36	LAYARD	2	m -	-	-	-	1.47 ( 0.55-	3.94)
36	LAYARD	4	f -	-	-	-	0.58 ( 0.30-	1.13)
Subtotal 36							0.78 ( 0.45-	1.34)
38	KABAT2	4	m -	-	-	-	1.60 ( 0.67-	3.82)
38	KABAT2	6	f -	-	-	-	1.08 ( 0.60-	1.94)
Subtotal 38							1.22 ( 0.75-	1.99)
43	CARDEN	12	m -	-	-	-	1.10 ( 0.60-	1.80)
43	CARDEN	10	f -	-	-	-	1.20 ( 0.80-	1.60)
Subtotal 43							1.17 ( 0.87-	1.57)
63	ENSTRO	6	m -	-	-	-	0.63 ( 0.33-	1.22)
63	ENSTRO	12	f -	-	-	-	0.94 ( 0.66-	1.33)
Subtotal 63							0.86 ( 0.63-	1.17)
Partial Totals			213	95241	140	82250		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
12	LEE	4	m -	-	-	-	1.30 ( 0.38-	4.39)
12	LEE	6	f -	-	-	-	1.00 ( 0.37-	2.71)
Subtotal 12							1.11 ( 0.51-	2.40)
18	PERSHA	2	f -	-	-	-	1.20 ( 0.70-	2.10)
27	KALAND	3	f -	-	-	-	2.11 ( 1.09-	4.08)
46	BOFFET	7	m -	-	-	-	1.47 ( 0.81-	2.66)
46	BOFFET	9	f -	-	-	-	1.11 ( 0.88-	1.39)
Subtotal 46							1.15 ( 0.93-	1.42)
48	ZARIDZ	4	f -	-	-	-	1.53 ( 1.06-	2.21)
49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50-	1.80)
55	MALATS	12	c -	-	-	-	1.50 ( 0.80-	2.60)
65	IARCKR	3	m -	-	-	-	0.40 ( 0.10-	3.00)
65	IARCKR	2	f -	-	-	-	0.80 ( 0.50-	1.30)
Subtotal 65							0.76 ( 0.48-	1.20)
Partial Totals			53	116	24	109		

\*prospective study

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 Within each study, results are selected according to the following order of preference:  
 1) TIM : m, a, z, y, f, e, x, c, p                      2) UNX : 2, 1, 4, 3, other  
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 65  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Both sexes  
 By continent - adjusted

Asia			Number Exposed		Non-exposed			95.00%CI	
StN	Ref	NRR	Case	Cont	Case	Cont	RR		
2	CHAN	1	f 34	66	50	73	0.75	( 0.43-	1.30)
6	HIRAYA	2	m -	-	-	-	2.25	( 1.05-	4.76)
6	HIRAYA	8	f -	-	-	-	1.45	( 1.02-	2.08)
Subtotal 6							1.57	( 1.14-	2.17)
9	LAMW	1	f 37	64	23	80	2.01	( 1.09-	3.72)
11	AKIBA	2	m -	-	-	-	1.80	( 0.39-	6.96)
11	AKIBA	4	f -	-	-	-	1.50	( 0.93-	2.76)
Subtotal 11							1.53	( 0.92-	2.55)
14	GAO	8	f -	-	-	-	1.30	( 0.87-	1.94)
16	KOO	3	f -	-	-	-	1.64	( 0.87-	3.09)
17	LAMT	1	f115	152	84	183	1.65	( 1.16-	2.35)
20	GENG	1	f 34	41	20	52	2.16	( 1.08-	4.29)
21	INOUE	2	f -	-	-	-	2.25	( 0.77-	8.85)
22	SHIMIZ	2	f 52	91	38	72	1.08	( 0.64-	1.82)
23	CHOI	1	m 2	6	11	90	2.73	( 0.49-	15.21)
23	CHOI	2	f 49	88	26	76	1.63	( 0.92-	2.87)
Subtotal 23							1.71	( 1.00-	2.93)
28	SOBUE	2	f -	-	-	-	1.13	( 0.78-	1.63)
29	WU-WIL	4	f -	-	-	-	0.70	( 0.60-	0.90)
33	DU	1	f 47	154	28	100	1.09	( 0.64-	1.85)
34	LIUQ	2	f -	-	-	-	1.72	( 0.77-	3.87)
40	SUN	2	f -	-	-	-	1.16	( 0.80-	1.69)
42	WANGT	2	f 92	89	43	46	1.11	( 0.67-	1.84)
50	JEE	4	f -	-	-	-	1.72	( 0.93-	3.18)
51	RAPITI	2	f -	-	-	-	1.20	( 0.50-	2.90)
53	ZHONG	2	f -	-	-	-	1.10	( 0.80-	1.50)
54	LEECH	8	f -	-	-	-	1.87	( 1.29-	2.71)
59	NISHIN	2	f -	-	-	-	1.80	( 0.67-	4.60)
60	OHNO	6	f -	-	-	-	1.00	( 0.67-	1.49)
72	WEN	1	f -	-	-	-	1.09	( 0.74-	1.61)
79	KURAHA	10	f -	-	-	-	1.26	( 0.78-	2.03)
85	HOSSEI	13	m 0	4	26	166	0.70~	( 0.04-	13.34)
85	HOSSEI	14	f 21	28	34	91	2.01	( 1.01-	4.00)
Subtotal 85							1.90	( 0.97-	3.72)
Partial Totals			483	783	383	1029			
*prospective study									

~ With 0.5 adjustment for zero

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	22	12	30		64
	NS	15	9	26		50
	Wt	398.62	192.21	521.51		1112.34
	Het Chi	22.81	14.31	59.69		98.91
	Het df	21	11	29		63
	Het P	N.S.	N.S.	***		**
	Fixed RR	1.11	1.25	1.19		1.17
	RRl	1.00	1.08	1.09		1.10
	RRu	1.22	1.44	1.30		1.24
	P	+	++	+++		+++
	Random RR	1.11	1.28	1.32		1.23
	RRl	0.99	1.07	1.15		1.13
	RRu	1.24	1.53	1.51		1.34
	P	(+)	++	+++		+++
	Asymm P	N.S.	N.S.	***		**
	Between Chi		1.79	1.16		2.10
	Between df		1	1		2
	Between P		N.S.	N.S.	N.S.	N.S.

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 Within each study, results are selected according to the following order of preference:  
 1) TIM : m, a, z, y, f, e, x, c, p                      2) UNX : 2, 1, 4, 3, other  
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 66  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARFI1	1	f 88	94880	65	81859	1.17 ( 0.85-	1.61)
3	CORREA	1	m 2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f 14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3							2.04 ( 0.91-	4.61)
7	KABAT1	3	m 5	5	7	7	1.00 ( 0.20-	5.07)
7	KABAT1	4	f 13	15	11	10	0.79 ( 0.25-	2.45)
Subtotal 7							0.85 ( 0.34-	2.16)
8	GARFI2	3	f 91	254	43	148	1.23 ( 0.81-	1.87)
10	WU	2	f 19	33	9	22	1.41 ( 0.54-	3.67)
15	HUMBL1	1	m 5	37	3	93	4.19 ( 0.95-	18.42)
15	HUMBL1	3	f 15	91	5	71	2.34 ( 0.81-	6.75)
Subtotal 15							2.85 ( 1.20-	6.74)
19	BUTLER	1	f 3	10579	5	43052	2.44 ( 0.58-	10.22)
26	JANERI	4	c -	-	-	-	0.75 ( 0.48-	1.18)
31	BROWN2	3	f218	598	213	568	0.97 ( 0.78-	1.21)
32	STOCKW	2	f 44	55	18	36	1.60 ( 0.80-	3.19)
35	FONTHA	5	f433	766	218	487	1.26 ( 1.04-	1.54)
36	LAYARD	1	m 6	215	15	783	1.46 ( 0.56-	3.80)
36	LAYARD	3	f 15	961	24	969	0.63 ( 0.33-	1.21)
Subtotal 36							0.82 ( 0.48-	1.41)
38	KABAT2	3	m 11	19	28	79	1.63 ( 0.69-	3.85)
38	KABAT2	5	f 41	102	26	71	1.10 ( 0.62-	1.96)
Subtotal 38							1.24 ( 0.77-	2.01)
43	CARDEN	11	m 18	19549	79	76993	0.90 ( 0.54-	1.50)
43	CARDEN	9	f 96	114286	54	77948	1.21 ( 0.87-	1.69)
Subtotal 43							1.11 ( 0.84-	1.47)
63	ENSTRO	3	m -	-	-	-	0.75 ( 0.42-	1.35)
63	ENSTRO	9	f -	-	-	-	0.99 ( 0.72-	1.37)
Subtotal 63							0.93 ( 0.70-	1.23)
Partial Totals			1137	242532	837	283422		
*prospective study								

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
12	LEE	3	m 8	14	7	16	1.31 ( 0.38-	4.52)
12	LEE	5	f 22	45	10	21	1.03 ( 0.41-	2.55)
Subtotal 12							1.12 ( 0.54-	2.33)
18	PERSHA	1	f 37	153	33	141	1.03 ( 0.61-	1.74)
27	KALAND	2	f 64	70	26	46	1.62 ( 0.90-	2.91)
46	BOFFET	6	m 23	68	118	462	1.32 ( 0.79-	2.21)
46	BOFFET	8	f321	632	187	376	1.02 ( 0.82-	1.27)
Subtotal 46							1.06 ( 0.87-	1.30)
48	ZARIDZ	3	f109	163	80	195	1.63 ( 1.14-	2.33)
49	BOFFE2	11	c 33	75	37	103	1.22 ( 0.70-	2.14)
55	MALATS	11	c 58	42	64	79	1.70 ( 1.02-	2.86)
65	IARCKR	3	m -	-	-	-	0.40 ( 0.10-	3.00)
65	IARCKR	1	f -	-	-	-	0.90 ( 0.60-	1.40)
Subtotal 65							0.86 ( 0.57-	1.29)
Partial Totals			728	1378	586	1548		
*prospective study								

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 Within each study, results are selected according to the following order of preference:  
 1) TIM : m, a, z, y, f, e, x, c, p                      2) UNX : 2, 1, 4, 3, other  
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 66  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 08-DEC-11  
 Both sexes  
 By continent - unadjusted

Asia			Number Exposed		Non-exposed			95.00%CI	
StN	Ref	NRR	Case	Cont	Case	Cont	RR		
2	CHAN	1	f 34	66	50	73	0.75 (	0.43-	1.30)
6	HIRAYA	1	m 7	1010	57	19279	2.34 (	1.07-	5.13)
6	HIRAYA	7	f163	69645	37	21895	1.38 (	0.97-	1.98)
Subtotal 6							1.52 (	1.10-	2.10)
9	LAMW	1	f 37	64	23	80	2.01 (	1.09-	3.72)
11	AKIBA	1	m 3	9	16	101	2.10 (	0.51-	8.61)
11	AKIBA	3	f 73	188	21	82	1.52 (	0.87-	2.63)
Subtotal 11							1.58 (	0.95-	2.64)
14	GAO	4	f189	276	57	99	1.19 (	0.82-	1.73)
16	KOO	2	f 51	66	35	70	1.55 (	0.90-	2.67)
17	LAMT	1	f115	152	84	183	1.65 (	1.16-	2.35)
20	GENG	1	f 34	41	20	52	2.16 (	1.08-	4.29)
21	INOUE	1	f 18	30	4	17	2.55 (	0.74-	8.78)
22	SHIMIZ	2	f 52	91	38	72	1.08 (	0.64-	1.82)
23	CHOI	1	m 2	6	11	90	2.73 (	0.49-	15.21)
23	CHOI	2	f 49	88	26	76	1.63 (	0.92-	2.87)
Subtotal 23							1.71 (	1.00-	2.93)
28	SOBUE	1	f 80	395	64	336	1.06 (	0.74-	1.52)
29	WU-WIL	3	f205	331	212	271	0.79 (	0.62-	1.02)
33	DU	1	f 47	154	28	100	1.09 (	0.64-	1.85)
34	LIUQ	1	f 25	37	13	32	1.66 (	0.73-	3.78)
40	SUN	11	f144	136	86	94	1.16 (	0.80-	1.68)
42	WANGT	2	f 92	89	43	46	1.11 (	0.67-	1.84)
50	JEE	3	f 67	-	12	-	1.80 (	0.98-	3.30)
51	RAPITI	1	f 13	21	28	46	1.02 (	0.44-	2.35)
53	ZHONG	1	f322	377	182	224	1.05 (	0.82-	1.34)
54	LEECH	7	f186	253	82	192	1.72 (	1.25-	2.37)
59	NISHIN	1	f 11	30566	13	43361	1.20 (	0.54-	2.68)
60	OHNO	5	f139	239	52	90	1.01 (	0.67-	1.50)
72	WEN	1	f -	-	-	-	1.09 (	0.74-	1.61)
79	KURAHA	9	f 84	280346	25	97466	1.17 (	0.75-	1.83)
85	HOSSEI	13	m 0	4	26	166	0.70~(	0.04-	13.34)
85	HOSSEI	14	f 21	28	34	91	2.01 (	1.01-	4.00)
Subtotal 85							1.90 (	0.97-	3.72)
Partial Totals			2263	384708	1379	184684			
*prospective study									

~ With 0.5 adjustment for zero

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	22	12	30		64
	NS	15	9	26		50
	Wt	412.00	218.29	535.76		1166.04
	Het Chi	23.42	15.40	43.37		84.47
	Het df	21	11	29		63
	Het P	N.S.	N.S.	*		*
	Fixed RR	1.11	1.22	1.22		1.18
	RRl	1.01	1.07	1.12		1.11
	RRu	1.22	1.39	1.33		1.25
	P	+	++	+++		+++
	Random RR	1.11	1.26	1.27		1.21
	RRl	0.99	1.06	1.14		1.13
	RRu	1.24	1.50	1.42		1.30
	P	(+)	++	+++		+++
	Asymm P	N.S.	N.S.	*		**
	Between Chi		1.20	2.00		2.28
	Between df		1	1		2
	Between P		N.S.	N.S.	N.S.	N.S.

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 Within each study, results are selected according to the following order of preference:  
 1) TIM : m, a, z, y, f, e, x, c, p                      2) UNX : 2, 1, 4, 3, other  
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 67  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Squamous - females  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
4	TRICHO	1	f	53	116	24	109	2.08 ( 1.20- 3.59)
8	GARFI2	4	f	-	-	-	-	5.00 ( 2.94- 8.51)
12	LEE	7	f	-	-	-	-	1.70 ( 0.21- 13.40)
16	KOO	8	f	-	-	-	-	1.73 ( 0.50- 5.99)
17	LAMT	5	f	12	35	15	37	0.85 ( 0.35- 2.06)
18	PERSHA	3	f	-	-	-	-	3.30 ( 1.10- 11.40)
26	JANERI	20	f	-	-	-	-	1.12 ( 0.83- 1.52)
27	KALAND	4	f	-	-	-	-	2.58 ( 0.88- 7.57)
31	BROWN2	5	f	-	-	-	-	0.60 ( 0.30- 1.30)
32	STOCKW	4	f	-	-	-	-	2.20 ( 0.80- 5.80)
35	FONTHA	10	f	-	-	-	-	1.37 ( 0.92- 2.03)
40	SUN	3	f	-	-	-	-	2.06 ( 1.03- 4.15)
44	ZHENG	9	f	6	23	1	4	1.04 ( 0.10- 11.14)
46	BOFFET	98	f	-	-	-	-	1.21 ( 0.70- 2.09)
48	ZARIDZ	6	f	-	-	-	-	1.94 ( 0.99- 3.81)
51	RAPITI	34	f	-	-	-	-	1.20 ( 0.40- 3.90)
53	ZHONG	6	f	-	-	-	-	1.10 ( 0.70- 1.80)
64	ZATLOU	5	f	-	-	-	-	0.66 ( 0.22- 1.96)
85	HOSSEI	27	f	-	-	-	-	0.20 ( 0.00- 22.30)
86	JIANG	15	f	-	-	-	-	1.83 ( 0.79- 4.20)
Partial Totals				71	174	40	150	

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
4	TRICHO	1	f	y	0.73	12.77	1.52	0.0091
8	GARFI2	4	f	q	1.61	13.60	20.38	0.0000
12	LEE	7	f	x	0.53	0.89	0.02	0.6167
16	KOO	8	f	x	0.55	2.49	0.07	0.3869
17	LAMT	5	f	q	-0.17	4.86	1.49	0.7117
18	PERSHA	3	f	x	1.19	2.81	1.84	0.0453
26	JANERI	20	f	x	0.11	41.97	3.11	0.4628
27	KALAND	4	f	y	0.95	3.32	1.05	0.0843
31	BROWN2	5	f	q	-0.51	7.15	5.74	0.1721
32	STOCKW	4	f	y	0.79	3.92	0.64	0.1187
35	FONTHA	10	f	y	0.31	24.53	0.12	0.1189
40	SUN	3	f	x	0.72	7.91	0.90	0.0421
44	ZHENG	9	f	q	0.04	0.68	0.08	0.9719
46	BOFFET	98	f	q	0.19	12.84	0.49	0.4945
48	ZARIDZ	6	f	q	0.66	8.46	0.65	0.0539
51	RAPITI	34	f	x	0.18	2.96	0.12	0.7536
53	ZHONG	6	f	y	0.10	17.23	1.45	0.6924
64	ZATLOU	5	f	v	-0.42	3.21	2.06	0.4564
85	HOSSEI	27	f	q	-1.61	0.18	0.70	0.4984
86	JIANG	15	f	q	0.60	5.53	0.26	0.1571

Relative risks

N	20
NS	20
Wt	177.32
Het Chi	42.67
Het df	19
Het P	**
Fixed RR	1.47
RRl	1.27
RRu	1.70
P	+++
Random RR	1.54
RRl	1.19
RRu	1.98
P	+++
Asymm P	N.S.

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : q, x, v, d, y
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 68  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Squamous - females  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20- 3.59)	
8	GARFI2	4	f -	-	-	-	5.00 ( 2.94- 8.51)	
12	LEE	18	f 4	45	1	21	1.87 ( 0.20- 17.74)	
16	KOO	4	f 25	97	7	40	1.47 ( 0.59- 3.68)	
17	LAMT	5	f 12	35	15	37	0.85 ( 0.35- 2.06)	
18	PERSHA	3	f -	-	-	-	3.30 ( 1.10- 11.40)	
26	JANERI	20	f -	-	-	-	1.12 ( 0.83- 1.52)	
27	KALAND	4	f -	-	-	-	2.58 ( 0.88- 7.57)	
31	BROWN2	5	f -	-	-	-	0.60 ( 0.30- 1.30)	
32	STOCKW	4	f -	-	-	-	2.20 ( 0.80- 5.80)	
35	FONTHA	9	f 99	766	56	487	1.12 ( 0.79- 1.59)	
40	SUN	3	f -	-	-	-	2.06 ( 1.03- 4.15)	
44	ZHENG	9	f 6	23	1	4	1.04 ( 0.10- 11.14)	
46	BOFFET	94	f -	-	-	-	1.41 ( 0.88- 2.26)	
48	ZARIDZ	5	f 26	163	16	195	1.94 ( 1.01- 3.75)	
51	RAPITI	34	f -	-	-	-	1.20 ( 0.40- 3.90)	
53	ZHONG	5	f 59	377	32	224	1.10 ( 0.69- 1.74)	
64	ZATLOU	2	f 4	155	30	734	0.63 ( 0.22- 1.82)	
85	HOSSEI	27	f -	-	-	-	0.20 ( 0.00- 22.30)	
86	JIANG	13	f -	-	-	-	1.83 ( 0.79- 4.20)	
Partial Totals			288	1777	182	1851		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
4	TRICHO	1	f	y	0.73	12.77	1.80	0.0091
8	GARFI2	4	f	q	1.61	13.60	21.41	0.0000
12	LEE	18	f	x	0.62	0.76	0.05	0.5869
16	KOO	4	f	x	0.39	4.58	0.00	0.4072
17	LAMT	5	f	q	-0.17	4.86	1.33	0.7117
18	PERSHA	3	f	x	1.19	2.81	1.98	0.0453
26	JANERI	20	f	x	0.11	41.97	2.45	0.4628
27	KALAND	4	f	y	0.95	3.32	1.17	0.0843
31	BROWN2	5	f	q	-0.51	7.15	5.35	0.1721
32	STOCKW	4	f	y	0.79	3.92	0.74	0.1187
35	FONTHA	9	f	y	0.12	31.93	1.81	0.5091
40	SUN	3	f	x	0.72	7.91	1.07	0.0421
44	ZHENG	9	f	q	0.04	0.68	0.07	0.9719
46	BOFFET	94	f	q	0.34	17.27	0.00	0.1533
48	ZARIDZ	5	f	q	0.66	8.91	0.86	0.0472
51	RAPITI	34	f	x	0.18	2.96	0.09	0.7536
53	ZHONG	5	f	y	0.09	18.08	1.26	0.6982
64	ZATLOU	2	f	v	-0.46	3.43	2.28	0.3941
85	HOSSEI	27	f	q	-1.61	0.18	0.68	0.4984
86	JIANG	13	f	q	0.60	5.50	0.34	0.1562

Relative risks

N	20
NS	20
Wt	192.61
Het Chi	44.73
Het df	19
Het P	***
Fixed RR	1.43
RRl	1.24
RRu	1.64
P	+++
Random RR	1.51
RRl	1.18
RRu	1.94
P	++
Asymm P	N.S.

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : q, x, v, d, y
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.





Table 70  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Squamous - females  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	4	f -	-	-	-	5.00 ( 2.94-	8.51)
26	JANERI	20	f -	-	-	-	1.12 ( 0.83-	1.52)
31	BROWN2	5	f -	-	-	-	0.60 ( 0.30-	1.30)
32	STOCKW	4	f -	-	-	-	2.20 ( 0.80-	5.80)
35	FONTHA	9	f 99	766	56	487	1.12 ( 0.79-	1.59)
Partial Totals			99	766	56	487		

\*prospective study

Europe

StN	Ref	NRR	Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
12	LEE	18	f 4	45	1	21	1.87 ( 0.20-	17.74)
18	PERSHA	3	f -	-	-	-	3.30 ( 1.10-	11.40)
27	KALAND	4	f -	-	-	-	2.58 ( 0.88-	7.57)
46	BOFFET	94	f -	-	-	-	1.41 ( 0.88-	2.26)
48	ZARIDZ	5	f 26	163	16	195	1.94 ( 1.01-	3.75)
64	ZATLOU	2	f 4	155	30	734	0.63 ( 0.22-	1.82)
Partial Totals			87	479	71	1059		

\*prospective study

Asia

StN	Ref	NRR	Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
16	KOO	4	f 25	97	7	40	1.47 ( 0.59-	3.68)
17	LAMT	5	f 12	35	15	37	0.85 ( 0.35-	2.06)
40	SUN	3	f -	-	-	-	2.06 ( 1.03-	4.15)
44	ZHENG	9	f 6	23	1	4	1.04 ( 0.10-	11.14)
51	RAPITI	34	f -	-	-	-	1.20 ( 0.40-	3.90)
53	ZHONG	5	f 59	377	32	224	1.10 ( 0.69-	1.74)
85	HOSSEI	27	f -	-	-	-	0.20 ( 0.00-	22.30)
86	JIANG	13	f -	-	-	-	1.83 ( 0.79-	4.20)
Partial Totals			102	532	55	305		

\*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	5	7	8	20
NS	5	7	8	20
Wt	98.57	49.27	44.77	192.61
Het Chi	31.49	6.46	4.49	44.73
Het df	4	6	7	19
Het P	***	N.S.	N.S.	***
Fixed RR	1.35	1.71	1.31	1.43
RRl	1.11	1.30	0.97	1.24
RRu	1.65	2.27	1.75	1.64
P	++	+++	(+)	+++
Random RR	1.51	1.72	1.31	1.51
RRl	0.81	1.28	0.97	1.18
RRu	2.80	2.32	1.75	1.94
P	N.S.	+++	(+)	++
Asymm P	N.S.	N.S.	N.S.	N.S.
Between Chi		1.84	0.04	2.29
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : q, x, v, d, y
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 71  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Squamous - males  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	15	m -	-	-	-	0.60 ( 0.07-	4.86)
26	JANERI	19	m -	-	-	-	1.12 ( 0.65-	1.93)
46	BOFFET	97	m -	-	-	-	1.21 ( 0.53-	2.75)
51	RAPITI	33	m -	-	-	-	1.20 ( 0.30-	5.10)
82	TSE	102	m -	-	-	-	0.43 ( 0.18-	1.06)
85	HOSSEI	26	m -	-	-	-	0.20 ( 0.01-	7.30)
86	JIANG	14	m -	-	-	-	1.83 ( 0.55-	6.08)
Partial Totals			0	0	0	0		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
12	LEE	15	m	x	-0.51	0.85	0.21	0.6368
26	JANERI	19	m	x	0.11	12.97	0.22	0.6831
46	BOFFET	97	m	q	0.19	5.67	0.25	0.6500
51	RAPITI	33	m	x	0.18	1.91	0.08	0.8008
82	TSE	102	m	y	-0.84	4.89	3.33	0.0621
85	HOSSEI	26	m	q	-1.61	0.29	0.73	0.3866
86	JIANG	14	m	q	0.60	2.65	1.02	0.3271

Relative risks

	N	7
	NS	7
	Wt	29.24
Het	Chi	5.84
Het	df	6
Het	P	N.S.
Fixed	RR	0.98
	RRl	0.68
	RRu	1.41
	P	N.S.
Random	RR	0.98
	RRl	0.68
	RRu	1.41
	P	N.S.
Asymm	P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : q, x, v, d, y
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 72  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Squamous - males  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	17	m 2	14	3	16	0.76 ( 0.11- 5.24)	
26	JANERI	19	m -	-	-	-	1.12 ( 0.65- 1.93)	
46	BOFFET	93	m -	-	-	-	1.41 ( 0.70- 2.86)	
51	RAPITI	33	m -	-	-	-	1.20 ( 0.30- 5.10)	
82	TSE	101	m 9	194	34	342	0.47 ( 0.22- 0.99)	
85	HOSSEI	26	m -	-	-	-	0.20 ( 0.01- 7.30)	
86	JIANG	12	m -	-	-	-	1.83 ( 0.55- 6.08)	
Partial Totals			11	208	37	358		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
12	LEE	17	m	x	-0.27	1.03	0.08	0.7822
26	JANERI	19	m	x	0.11	12.97	0.15	0.6831
46	BOFFET	93	m	q	0.34	7.76	0.88	0.3386
51	RAPITI	33	m	x	0.18	1.91	0.06	0.8008
82	TSE	101	m	y	-0.76	6.73	3.98	0.0480
85	HOSSEI	26	m	q	-1.61	0.29	0.76	0.3866
86	JIANG	12	m	q	0.60	2.66	0.95	0.3242

Relative risks

	N	7
	NS	7
	Wt	33.36
Het	Chi	6.85
Het	df	6
Het	P	N.S.
Fixed	RR	1.01
	RRl	0.72
	RRu	1.41
	P	N.S.
Random	RR	1.00
	RRl	0.68
	RRu	1.47
	P	N.S.
Asymm	P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : q, x, v, d, y
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 73  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Squamous - males  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
26	JANERI	19	m -	-	-	-	1.12	( 0.65- 1.93)
Partial Totals			0	0	0	0		

\*prospective study

Europe

StN	Ref	NRR	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
12	LEE	15	m -	-	-	-	0.60	( 0.07- 4.86)
46	BOFFET	97	m -	-	-	-	1.21	( 0.53- 2.75)
Partial Totals			0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
51	RAPITI	33	m -	-	-	-	1.20	( 0.30- 5.10)
82	TSE	102	m -	-	-	-	0.43	( 0.18- 1.06)
85	HOSSEI	26	m -	-	-	-	0.20	( 0.01- 7.30)
86	JIANG	14	m -	-	-	-	1.83	( 0.55- 6.08)
Partial Totals			0	0	0	0		

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

N	1	2	4	7
NS	1	2	4	7
Wt	12.97	6.52	9.75	29.24
Het Chi	0.00	0.37	4.54	5.84
Het df	0	1	3	6
Het P	N.S.	N.S.	N.S.	N.S.
Fixed RR	1.12	1.10	0.76	0.98
RRl	0.65	0.51	0.41	0.68
RRu	1.93	2.38	1.43	1.41
P	N.S.	N.S.	N.S.	N.S.
Random RR	1.12	1.10	0.82	0.98
RRl	0.65	0.51	0.35	0.68
RRu	1.93	2.38	1.90	1.41
P	N.S.	N.S.	N.S.	N.S.
Asymm P			N.S.	N.S.
Between Chi		0.00	0.82	0.94
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : q, x, v, d, y
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 75  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Squamous - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
4	TRICHO	1	f 53	116	24	109	2.08 (	1.20- 3.59)
8	GARFI2	4	f -	-	-	-	5.00 (	2.94- 8.51)
12	LEE	15	m -	-	-	-	0.60 (	0.07- 4.86)
12	LEE	7	f -	-	-	-	1.70 (	0.21- 13.40)
Subtotal 12							1.02 (	0.23- 4.50)
16	KOO	8	f -	-	-	-	1.73 (	0.50- 5.99)
17	LAMT	5	f 12	35	15	37	0.85 (	0.35- 2.06)
18	PERSHA	3	f -	-	-	-	3.30 (	1.10- 11.40)
26	JANERI	5	c -	-	-	-	1.12 (	0.87- 1.47)
27	KALAND	4	f -	-	-	-	2.58 (	0.88- 7.57)
31	BROWN2	5	f -	-	-	-	0.60 (	0.30- 1.30)
32	STOCKW	4	f -	-	-	-	2.20 (	0.80- 5.80)
35	FONTHA	10	f -	-	-	-	1.37 (	0.92- 2.03)
40	SUN	3	f -	-	-	-	2.06 (	1.03- 4.15)
44	ZHENG	9	f 6	23	1	4	1.04 (	0.10- 11.14)
46	BOFFET	21	c -	-	-	-	1.21 (	0.77- 1.91)
48	ZARIDZ	6	f -	-	-	-	1.94 (	0.99- 3.81)
51	RAPITI	32	c -	-	-	-	1.20 (	0.40- 2.50)
53	ZHONG	6	f -	-	-	-	1.10 (	0.70- 1.80)
64	ZATLOU	5	f -	-	-	-	0.66 (	0.22- 1.96)
82	TSE	102	m -	-	-	-	0.43 (	0.18- 1.06)
85	HOSSEI	22	c 0	94	5	195	0.19~(	0.01- 3.44)
86	JIANG	2	c -	-	-	-	1.83 (	0.92- 3.62)
Partial Totals			71	268	45	345		

\*prospective study

~ With 0.5 adjustment for zero

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
4	TRICHO	1	f	y	0.73	12.77	2.07	0.0091
8	GARFI2	4	f	q	1.61	13.60	22.36	0.0000
12	LEE	15	m	x	-0.51	0.85	0.60	0.6368
12	LEE	7	f	x	0.53	0.89	0.04	0.6167
Subtotal 12					0.02	1.74	0.64	
16	KOO	8	f	x	0.55	2.49	0.12	0.3869
17	LAMT	5	f	q	-0.17	4.86	1.19	0.7117
18	PERSHA	3	f	x	1.19	2.81	2.11	0.0453
26	JANERI	5	c	x	0.11	55.85	2.56	0.3970
27	KALAND	4	f	y	0.95	3.32	1.28	0.0843
31	BROWN2	5	f	q	-0.51	7.15	5.02	0.1721
32	STOCKW	4	f	y	0.79	3.92	0.83	0.1187
35	FONTHA	10	f	y	0.31	24.53	0.00	0.1189
40	SUN	3	f	x	0.72	7.91	1.24	0.0421
44	ZHENG	9	f	q	0.04	0.68	0.06	0.9719
46	BOFFET	21	c	q	0.19	18.62	0.35	0.4108
48	ZARIDZ	6	f	q	0.66	8.46	0.95	0.0539
51	RAPITI	32	c	x	0.18	4.58	0.10	0.6965
53	ZHONG	6	f	y	0.10	17.23	0.93	0.6924
64	ZATLOU	5	f	v	-0.42	3.21	1.77	0.4564
82	TSE	102	m	y	-0.84	4.89	6.71	0.0621
85	HOSSEI	22	c	q	-1.67	0.46	1.82	0.2597
86	JIANG	2	c	q	0.60	8.19	0.62	0.0852

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : q, x, v, d, y
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 75  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Squamous - both sexes  
 Overall analysis - adjusted

Relative risks

	N	22
	NS	21
	Wt	207.26
Het	Chi	52.71
Het	df	21
Het	P	***
Fixed	RR	1.39
	RRl	1.21
	RRu	1.59
	P	+++
Random	RR	1.42
	RRl	1.10
	RRu	1.83
	P	++
Asymm	P	N.S.

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Within each study, results are selected according to the following order of preference:

- |  |                            |
|--|----------------------------|
| 1) EXP : s, h, t, b                      | 4) HOU : a, other          |
| 2) TYP : q, x, v, d, y                   | 5) UNX : 2, 1, 4, 3, other |
| 3) TIM : m, a, z, y, w, f, e, x, c, p, v |                            |

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 76  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Squamous - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
8	GARFI2	4	f -	-	-	-	5.00 ( 2.94-	8.51)
12	LEE	17	m 2	14	3	16	0.76 ( 0.11-	5.24)
12	LEE	18	f 4	45	1	21	1.87 ( 0.20-	17.74)
Subtotal 12							1.11 ( 0.26-	4.81)
16	KOO	4	f 25	97	7	40	1.47 ( 0.59-	3.68)
17	LAMT	5	f 12	35	15	37	0.85 ( 0.35-	2.06)
18	PERSHA	3	f -	-	-	-	3.30 ( 1.10-	11.40)
26	JANERI	5	c -	-	-	-	1.12 ( 0.87-	1.47)
27	KALAND	4	f -	-	-	-	2.58 ( 0.88-	7.57)
31	BROWN2	5	f -	-	-	-	0.60 ( 0.30-	1.30)
32	STOCKW	4	f -	-	-	-	2.20 ( 0.80-	5.80)
35	FONTHA	9	f 99	766	56	487	1.12 ( 0.79-	1.59)
40	SUN	3	f -	-	-	-	2.06 ( 1.03-	4.15)
44	ZHENG	9	f 6	23	1	4	1.04 ( 0.10-	11.14)
46	BOFFET	20	c 59	700	50	838	1.41 ( 0.96-	2.09)
48	ZARIDZ	5	f 26	163	16	195	1.94 ( 1.01-	3.75)
51	RAPITI	32	c -	-	-	-	1.20 ( 0.40-	2.50)
53	ZHONG	5	f 59	377	32	224	1.10 ( 0.69-	1.74)
64	ZATLOU	2	f 4	155	30	734	0.63 ( 0.22-	1.82)
82	TSE	101	m 9	194	34	342	0.47 ( 0.22-	0.99)
85	HOSSEI	22	c 0	94	5	195	0.19~( 0.01-	3.44)
86	JIANG	6	c 39	29	28	38	1.83 ( 0.92-	3.62)
Partial Totals			397	2808	302	3280		

\*prospective study

~ With 0.5 adjustment for zero

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
4	TRICHO	1	f	y	0.73	12.77	2.33	0.0091
8	GARFI2	4	f	q	1.61	13.60	23.22	0.0000
12	LEE	17	m	x	-0.27	1.03	0.34	0.7822
12	LEE	18	f	x	0.62	0.76	0.08	0.5869
Subtotal 12					0.11	1.79	0.42	
16	KOO	4	f	x	0.39	4.58	0.03	0.4072
17	LAMT	5	f	q	-0.17	4.86	1.08	0.7117
18	PERSHA	3	f	x	1.19	2.81	2.23	0.0453
26	JANERI	5	c	x	0.11	55.85	2.01	0.3970
27	KALAND	4	f	y	0.95	3.32	1.38	0.0843
31	BROWN2	5	f	q	-0.51	7.15	4.73	0.1721
32	STOCKW	4	f	y	0.79	3.92	0.92	0.1187
35	FONTHA	9	f	y	0.12	31.93	1.11	0.5091
40	SUN	3	f	x	0.72	7.91	1.39	0.0421
44	ZHENG	9	f	q	0.04	0.68	0.05	0.9719
46	BOFFET	20	c	q	0.35	25.27	0.05	0.0825
48	ZARIDZ	5	f	q	0.66	8.91	1.17	0.0472
51	RAPITI	32	c	x	0.18	4.58	0.07	0.6965
53	ZHONG	5	f	y	0.09	18.08	0.81	0.6982
64	ZATLOU	2	f	v	-0.46	3.43	2.00	0.3941
82	TSE	101	m	y	-0.76	6.73	7.63	0.0480
85	HOSSEI	22	c	q	-1.67	0.46	1.77	0.2597
86	JIANG	6	c	q	0.60	8.19	0.73	0.0852

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : q, x, v, d, y
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 76  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Squamous - both sexes  
 Overall analysis - unadjusted

Relative risks

	N	22
	NS	21
	Wt	226.82
Het	Chi	55.12
Het	df	21
Het	P	***
Fixed	RR	1.35
	RRl	1.19
	RRu	1.54
	P	+++
Random	RR	1.40
	RRl	1.09
	RRu	1.79
	P	++
Asymm	P	N.S.

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Within each study, results are selected according to the following order of preference:

- |  |                            |
|--|----------------------------|
| 1) EXP : s, h, t, b                      | 4) HOU : a, other          |
| 2) TYP : q, x, v, d, y                   | 5) UNX : 2, 1, 4, 3, other |
| 3) TIM : m, a, z, y, w, f, e, x, c, p, v |                            |

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 77  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Squamous - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	4	f -	-	-	-	5.00 ( 2.94-	8.51)
26	JANERI	5	c -	-	-	-	1.12 ( 0.87-	1.47)
31	BROWN2	5	f -	-	-	-	0.60 ( 0.30-	1.30)
32	STOCKW	4	f -	-	-	-	2.20 ( 0.80-	5.80)
35	FONTHA	10	f -	-	-	-	1.37 ( 0.92-	2.03)
Partial Totals			0	0	0	0		

\*prospective study

Europe

StN	Ref	NRR	Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
12	LEE	15	m -	-	-	-	0.60 ( 0.07-	4.86)
12	LEE	7	f -	-	-	-	1.70 ( 0.21-	13.40)
Subtotal 12							1.02 ( 0.23-	4.50)
18	PERSHA	3	f -	-	-	-	3.30 ( 1.10-	11.40)
27	KALAND	4	f -	-	-	-	2.58 ( 0.88-	7.57)
46	BOFFET	21	c -	-	-	-	1.21 ( 0.77-	1.91)
48	ZARIDZ	6	f -	-	-	-	1.94 ( 0.99-	3.81)
64	ZATLOU	5	f -	-	-	-	0.66 ( 0.22-	1.96)
Partial Totals			53	116	24	109		

\*prospective study

Asia

StN	Ref	NRR	Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
16	KOO	8	f -	-	-	-	1.73 ( 0.50-	5.99)
17	LAMT	5	f 12	35	15	37	0.85 ( 0.35-	2.06)
40	SUN	3	f -	-	-	-	2.06 ( 1.03-	4.15)
44	ZHENG	9	f 6	23	1	4	1.04 ( 0.10-	11.14)
51	RAPITI	32	c -	-	-	-	1.20 ( 0.40-	2.50)
53	ZHONG	6	f -	-	-	-	1.10 ( 0.70-	1.80)
82	TSE	102	m -	-	-	-	0.43 ( 0.18-	1.06)
85	HOSSEI	22	c 0	94	5	195	0.19~( 0.01-	3.44)
86	JIANG	2	c -	-	-	-	1.83 ( 0.92-	3.62)
Partial Totals			18	152	21	236		

\*prospective study

~ With 0.5 adjustment for zero

	NAmerica	Europe	Asia	Other	Total
Relative risks					
	N	5	8	9	22
	NS	5	7	9	21
	Wt	105.05	50.93	51.28	207.26
	Het Chi	30.77	8.20	11.53	52.71
	Het df	4	7	8	21
	Het P	***	N.S.	N.S.	***
	Fixed RR	1.40	1.59	1.19	1.39
	RRl	1.16	1.21	0.90	1.21
	RRu	1.70	2.09	1.56	1.59
	P	+++	+++	N.S.	+++
	Random RR	1.58	1.61	1.16	1.42
	RRl	0.85	1.17	0.81	1.10
	RRu	2.92	2.22	1.67	1.83
	P	N.S.	++	N.S.	++
	Asymm P	N.S.	N.S.	N.S.	N.S.
	Between Chi		0.56	0.94	2.21
	Between df		1	1	2
	Between P		N.S.	N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : q, x, v, d, y
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 78  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Squamous - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	4	f -	-	-	-	5.00 ( 2.94-	8.51)
26	JANERI	5	c -	-	-	-	1.12 ( 0.87-	1.47)
31	BROWN2	5	f -	-	-	-	0.60 ( 0.30-	1.30)
32	STOCKW	4	f -	-	-	-	2.20 ( 0.80-	5.80)
35	FONTHA	9	f 99	766	56	487	1.12 ( 0.79-	1.59)
Partial Totals				99	766	56	487	

\*prospective study

Europe

StN	Ref	NRR	Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
4	TRICHO	1	f 53	116	24	109	2.08 ( 1.20-	3.59)
12	LEE	17	m 2	14	3	16	0.76 ( 0.11-	5.24)
12	LEE	18	f 4	45	1	21	1.87 ( 0.20-	17.74)
Subtotal 12							1.11 ( 0.26-	4.81)
18	PERSHA	3	f -	-	-	-	3.30 ( 1.10-	11.40)
27	KALAND	4	f -	-	-	-	2.58 ( 0.88-	7.57)
46	BOFFET	20	c 59	700	50	838	1.41 ( 0.96-	2.09)
48	ZARIDZ	5	f 26	163	16	195	1.94 ( 1.01-	3.75)
64	ZATLOU	2	f 4	155	30	734	0.63 ( 0.22-	1.82)
Partial Totals				148	1193	124	1913	

\*prospective study

Asia

StN	Ref	NRR	Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
16	KOO	4	f 25	97	7	40	1.47 ( 0.59-	3.68)
17	LAMT	5	f 12	35	15	37	0.85 ( 0.35-	2.06)
40	SUN	3	f -	-	-	-	2.06 ( 1.03-	4.15)
44	ZHENG	9	f 6	23	1	4	1.04 ( 0.10-	11.14)
51	RAPITI	32	c -	-	-	-	1.20 ( 0.40-	2.50)
53	ZHONG	5	f 59	377	32	224	1.10 ( 0.69-	1.74)
82	TSE	101	m 9	194	34	342	0.47 ( 0.22-	0.99)
85	HOSSEI	22	c 0	94	5	195	0.19~( 0.01-	3.44)
86	JIANG	6	c 39	29	28	38	1.83 ( 0.92-	3.62)
Partial Totals				150	849	122	880	

\*prospective study

~ With 0.5 adjustment for zero

	NAmerica	Europe	Asia	Other	Total
Relative risks					
	N	5	8	9	22
	NS	5	7	9	21
	Wt	112.45	58.30	56.07	226.82
	Het Chi	31.92	7.33	12.20	55.12
	Het df	4	7	8	21
	Het P	***	N.S.	N.S.	***
Fixed	RR	1.32	1.65	1.16	1.35
	RRl	1.10	1.27	0.89	1.19
	RRu	1.59	2.13	1.50	1.54
	P	++	+++	N.S.	+++
Random	RR	1.51	1.66	1.14	1.40
	RRl	0.83	1.26	0.80	1.09
	RRu	2.75	2.17	1.62	1.79
	P	N.S.	+++	N.S.	++
Asymm	P	N.S.	N.S.	N.S.	N.S.
Between	Chi		1.85	0.66	3.67
Between	df		1	1	2
Between	P		N.S.	N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : q, x, v, d, y
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 79  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Adenocarcinoma - females  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	5	f -	-	-	-	1.33 ( 0.80- 2.21)	
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09- 3.72)	
10	WU	3	f -	-	-	-	1.20 ( 0.50- 3.30)	
12	LEE	8	f -	-	-	-	0.41 ( 0.07- 2.40)	
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39- 6.90)	
16	KOO	9	f -	-	-	-	1.61 ( 0.61- 4.29)	
17	LAMT	7	f 78	64	53	92	2.12 ( 1.32- 3.39)	
18	PERSHA	4	f -	-	-	-	0.80 ( 0.40- 1.50)	
26	JANERI	22	f -	-	-	-	0.97 ( 0.78- 1.21)	
27	KALAND	5	f -	-	-	-	2.04 ( 0.98- 4.24)	
31	BROWN2	6	f -	-	-	-	1.00 ( 0.80- 1.30)	
32	STOCKW	5	f -	-	-	-	1.30 ( 0.60- 2.70)	
35	FONTHA	8	f -	-	-	-	1.28 ( 1.01- 1.62)	
40	SUN	4	f -	-	-	-	2.86 ( 1.69- 4.84)	
44	ZHENG	10	f 38	108	5	33	2.32 ( 0.85- 6.38)	
46	BOFFET	100	f -	-	-	-	1.08 ( 0.78- 1.50)	
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31- 1.78)	
48	ZARIDZ	8	f -	-	-	-	1.52 ( 0.96- 2.39)	
49	BOFFE2	14	f -	-	-	-	1.00 ( 0.50- 1.90)	
51	RAPITI	36	f -	-	-	-	1.00 ( 0.20- 4.60)	
53	ZHONG	4	f -	-	-	-	1.10 ( 0.80- 1.50)	
64	ZATLOU	4	f -	-	-	-	0.36 ( 0.11- 1.22)	
79	KURAHA	12	f -	-	-	-	1.83 ( 0.98- 3.40)	
85	HOSSEI	29	f -	-	-	-	2.40 ( 0.90- 6.70)	
86	JIANG	19	f -	-	-	-	4.33 ( 1.67- 11.25)	
88	LO	20	f -	-	-	-	2.14 ( 1.51- 3.03)	
Partial Totals			209	295	95	216		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
8	GARFI2	5	f	a	0.29	14.88	0.03	0.2713
9	LAMW	1	f	a	0.70	10.14	2.11	0.0261
10	WU	3	f	a	0.18	4.31	0.02	0.7049
12	LEE	8	f	c	-0.89	1.23	1.58	0.3228
13	BROWN1	2	f	a	0.52	1.86	0.14	0.4791
16	KOO	9	f	w	0.48	4.04	0.22	0.3385
17	LAMT	7	f	a	0.75	17.19	4.41	0.0019
18	PERSHA	4	f	c	-0.22	8.80	1.91	0.5081
26	JANERI	22	f	w	-0.03	79.70	5.94	0.7857
27	KALAND	5	f	a	0.71	7.16	1.58	0.0564
31	BROWN2	6	f	a	0.00	65.19	3.84	1.0000
32	STOCKW	5	f	a	0.26	6.79	0.00	0.4941
35	FONTHA	8	f	a	0.25	68.83	0.00	0.0406
40	SUN	4	f	a	1.05	13.88	9.07	0.0001
44	ZHENG	10	f	a	0.84	3.76	1.35	0.1023
46	BOFFET	100	f	a	0.08	35.93	0.99	0.6446
47	SHEN	1	f	a	-0.29	5.07	1.46	0.5088
48	ZARIDZ	8	f	a	0.42	18.47	0.57	0.0719
49	BOFFE2	14	f	a	0.00	8.62	0.51	1.0000
51	RAPITI	36	f	a	0.00	1.56	0.09	1.0000
53	ZHONG	4	f	a	0.10	38.89	0.84	0.5523
64	ZATLOU	4	f	a	-1.02	2.65	4.24	0.0960
79	KURAHA	12	f	a	0.60	9.93	1.30	0.0569
85	HOSSEI	29	f	a	0.88	3.81	1.53	0.0874
86	JIANG	19	f	a	1.47	4.22	6.32	0.0026
88	LO	20	f	a	0.76	31.68	8.51	0.0000

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : a, w, c, z
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 79  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Adenocarcinoma - females  
 Overall analysis - adjusted

Relative risks

	N	26
	NS	26
	Wt	468.61
Het	Chi	58.56
Het	df	25
Het	P	***
Fixed	RR	1.27
	RRl	1.16
	RRu	1.40
	P	+++
Random	RR	1.39
	RRl	1.18
	RRu	1.63
	P	+++
Asymm	P	N.S.

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Within each study, results are selected according to the following order of preference:

- |  |                            |
|--|----------------------------|
| 1) EXP : s, h, t, b                      | 4) HOU : a, other          |
| 2) TYP : a, w, c, z                      | 5) UNX : 2, 1, 4, 3, other |
| 3) TIM : m, a, z, y, w, f, e, x, c, p, v |                            |

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 80  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Adenocarcinoma - females  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
8	GARFI2	5	f -	-	-	-	1.33	( 0.80-	2.21)
9	LAMW	1	f 37	64	23	80	2.01	( 1.09-	3.72)
10	WU	2	f 19	33	9	22	1.41	( 0.54-	3.67)
12	LEE	20	f 4	45	5	21	0.37	( 0.09-	1.53)
13	BROWN1	1	f 4	7	15	40	1.52	( 0.39-	5.96)
16	KOO	5	f 34	97	12	40	1.17	( 0.55-	2.48)
17	LAMT	7	f 78	64	53	92	2.12	( 1.32-	3.39)
18	PERSHA	4	f -	-	-	-	0.80	( 0.40-	1.50)
26	JANERI	22	f -	-	-	-	0.97	( 0.78-	1.21)
27	KALAND	5	f -	-	-	-	2.04	( 0.98-	4.24)
31	BROWN2	6	f -	-	-	-	1.00	( 0.80-	1.30)
32	STOCKW	5	f -	-	-	-	1.30	( 0.60-	2.70)
35	FONTHA	7	f334	766	162	487	1.31	( 1.05-	1.63)
40	SUN	4	f -	-	-	-	2.86	( 1.69-	4.84)
44	ZHENG	10	f 38	108	5	33	2.32	( 0.85-	6.38)
46	BOFFET	96	f -	-	-	-	1.31	( 0.99-	1.74)
47	SHEN	1	f 56	59	14	11	0.75	( 0.31-	1.78)
48	ZARIDZ	7	f 60	163	46	195	1.56	( 1.01-	2.42)
49	BOFFE2	13	f 33	69	33	68	0.99	( 0.55-	1.77)
51	RAPITI	36	f -	-	-	-	1.00	( 0.20-	4.60)
53	ZHONG	3	f187	377	109	224	1.02	( 0.76-	1.36)
64	ZATLOU	1	f 3	155	47	734	0.30	( 0.09-	0.98)
79	KURAHA	11	f 67	280213	15	97392	1.55	( 0.89-	2.72)
85	HOSSEI	29	f -	-	-	-	2.40	( 0.90-	6.70)
86	JIANG	17	f -	-	-	-	4.33	( 1.67-	11.25)
88	LO	18	f -	-	-	-	2.12	( 1.51-	3.00)
Partial Totals			954	282220	548	99439			

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
8	GARFI2	5	f	a	0.29	14.88	0.02	0.2713
9	LAMW	1	f	a	0.70	10.14	2.09	0.0261
10	WU	2	f	a	0.34	4.18	0.04	0.4850
12	LEE	20	f	c	-0.99	1.92	2.91	0.1718
13	BROWN1	1	f	a	0.42	2.06	0.06	0.5451
16	KOO	5	f	w	0.16	6.75	0.05	0.6859
17	LAMT	7	f	a	0.75	17.19	4.38	0.0019
18	PERSHA	4	f	c	-0.22	8.80	1.92	0.5081
26	JANERI	22	f	w	-0.03	79.70	6.03	0.7857
27	KALAND	5	f	a	0.71	7.16	1.57	0.0564
31	BROWN2	6	f	a	0.00	65.19	3.90	1.0000
32	STOCKW	5	f	a	0.26	6.79	0.00	0.4941
35	FONTHA	7	f	a	0.27	79.84	0.05	0.0156
40	SUN	4	f	a	1.05	13.88	9.02	0.0001
44	ZHENG	10	f	a	0.84	3.76	1.34	0.1023
46	BOFFET	96	f	a	0.27	48.32	0.03	0.0605
47	SHEN	1	f	a	-0.29	5.07	1.47	0.5088
48	ZARIDZ	7	f	a	0.44	20.13	0.81	0.0459
49	BOFFE2	13	f	a	-0.01	11.14	0.75	0.9611
51	RAPITI	36	f	a	0.00	1.56	0.09	1.0000
53	ZHONG	3	f	a	0.02	46.21	2.35	0.8964
64	ZATLOU	1	f	a	-1.20	2.76	5.73	0.0469
79	KURAHA	11	f	a	0.44	12.26	0.47	0.1236
85	HOSSEI	29	f	a	0.88	3.81	1.52	0.0874
86	JIANG	17	f	a	1.47	4.22	6.29	0.0026
88	LO	18	f	a	0.75	32.60	8.37	0.0000

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : a, w, c, z
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 80  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Adenocarcinoma - females  
 Overall analysis - unadjusted

Relative risks

	N	26
	NS	26
	Wt	510.33
Het	Chi	61.29
Het	df	25
Het	P	***
Fixed	RR	1.28
	RRl	1.17
	RRu	1.39
	P	+++
Random	RR	1.37
	RRl	1.17
	RRu	1.61
	P	+++
Asymm	P	N.S.

---

Within each study, results are selected according to the following order of preference:

- |  |                            |
|--|----------------------------|
| 1) EXP : s, h, t, b                      | 4) HOU : a, other          |
| 2) TYP : a, w, c, z                      | 5) UNX : 2, 1, 4, 3, other |
| 3) TIM : m, a, z, y, w, f, e, x, c, p, v |                            |

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 81  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Adenocarcinoma - females  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	5	f -	-	-	-	1.33 ( 0.80-	2.21)
10	WU	3	f -	-	-	-	1.20 ( 0.50-	3.30)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
26	JANERI	22	f -	-	-	-	0.97 ( 0.78-	1.21)
31	BROWN2	6	f -	-	-	-	1.00 ( 0.80-	1.30)
32	STOCKW	5	f -	-	-	-	1.30 ( 0.60-	2.70)
35	FONTHA	8	f -	-	-	-	1.28 ( 1.01-	1.62)
Partial Totals			0	0	0	0		

\*prospective study

Europe

StN	Ref	NRR	Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	8	f -	-	-	-	0.41 ( 0.07-	2.40)
18	PERSHA	4	f -	-	-	-	0.80 ( 0.40-	1.50)
27	KALAND	5	f -	-	-	-	2.04 ( 0.98-	4.24)
46	BOFFET	100	f -	-	-	-	1.08 ( 0.78-	1.50)
48	ZARIDZ	8	f -	-	-	-	1.52 ( 0.96-	2.39)
49	BOFFE2	14	f -	-	-	-	1.00 ( 0.50-	1.90)
64	ZATLOU	4	f -	-	-	-	0.36 ( 0.11-	1.22)
Partial Totals			0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
16	KOO	9	f -	-	-	-	1.61 ( 0.61-	4.29)
17	LAMT	7	f 78	64	53	92	2.12 ( 1.32-	3.39)
40	SUN	4	f -	-	-	-	2.86 ( 1.69-	4.84)
44	ZHENG	10	f 38	108	5	33	2.32 ( 0.85-	6.38)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
51	RAPITI	36	f -	-	-	-	1.00 ( 0.20-	4.60)
53	ZHONG	4	f -	-	-	-	1.10 ( 0.80-	1.50)
79	KURAHA	12	f -	-	-	-	1.83 ( 0.98-	3.40)
85	HOSSEI	29	f -	-	-	-	2.40 ( 0.90-	6.70)
86	JIANG	19	f -	-	-	-	4.33 ( 1.67-	11.25)
88	LO	20	f -	-	-	-	2.14 ( 1.51-	3.03)
Partial Totals			209	295	95	216		

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

	N	7	7	12	26
	NS	7	7	12	26
	Wt	241.57	82.87	144.17	468.61
Het	Chi	4.52	10.11	22.20	58.56
Het	df	6	6	11	25
Het	P	N.S.	N.S.	*	***
Fixed	RR	1.10	1.13	1.76	1.27
	RRl	0.97	0.91	1.49	1.16
	RRu	1.24	1.40	2.07	1.40
	P	N.S.	N.S.	+++	+++
Random	RR	1.10	1.09	1.86	1.39
	RRl	0.97	0.79	1.43	1.18
	RRu	1.24	1.49	2.41	1.63
	P	N.S.	N.S.	+++	+++
Asymm	P	N.S.	N.S.	N.S.	N.S.
Between	Chi		0.04	20.18	21.72
Between	df		1	1	2
Between	P		N.S.	+++	***

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : a, w, c, z
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 82  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Adenocarcinoma - females  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	5	f -	-	-	-	1.33 ( 0.80-	2.21)
10	WU	2	f 19	33	9	22	1.41 ( 0.54-	3.67)
13	BROWN1	1	f 4	7	15	40	1.52 ( 0.39-	5.96)
26	JANERI	22	f -	-	-	-	0.97 ( 0.78-	1.21)
31	BROWN2	6	f -	-	-	-	1.00 ( 0.80-	1.30)
32	STOCKW	5	f -	-	-	-	1.30 ( 0.60-	2.70)
35	FONTHA	7	f334	766	162	487	1.31 ( 1.05-	1.63)
Partial Totals			357	806	186	549		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	20	f 4	45	5	21	0.37 ( 0.09-	1.53)
18	PERSHA	4	f -	-	-	-	0.80 ( 0.40-	1.50)
27	KALAND	5	f -	-	-	-	2.04 ( 0.98-	4.24)
46	BOFFET	96	f -	-	-	-	1.31 ( 0.99-	1.74)
48	ZARIDZ	7	f 60	163	46	195	1.56 ( 1.01-	2.42)
49	BOFFE2	13	f 33	69	33	68	0.99 ( 0.55-	1.77)
64	ZATLOU	1	f 3	155	47	734	0.30 ( 0.09-	0.98)
Partial Totals			100	432	131	1018		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09-	3.72)
16	KOO	5	f 34	97	12	40	1.17 ( 0.55-	2.48)
17	LAMT	7	f 78	64	53	92	2.12 ( 1.32-	3.39)
40	SUN	4	f -	-	-	-	2.86 ( 1.69-	4.84)
44	ZHENG	10	f 38	108	5	33	2.32 ( 0.85-	6.38)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
51	RAPITI	36	f -	-	-	-	1.00 ( 0.20-	4.60)
53	ZHONG	3	f187	377	109	224	1.02 ( 0.76-	1.36)
79	KURAHA	11	f 67	280213	15	97392	1.55 ( 0.89-	2.72)
85	HOSSEI	29	f -	-	-	-	2.40 ( 0.90-	6.70)
86	JIANG	17	f -	-	-	-	4.33 ( 1.67-	11.25)
88	LO	18	f -	-	-	-	2.12 ( 1.51-	3.00)
Partial Totals			497	280982	231	97872		

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

	N	7	7	12	26
	NS	7	7	12	26
	Wt	252.64	100.23	157.47	510.33
Het	Chi	5.46	13.50	27.76	61.29
Het	df	6	6	11	25
Het	P	N.S.	*	**	***
Fixed	RR	1.11	1.22	1.64	1.28
	RRl	0.99	1.00	1.40	1.17
	RRu	1.26	1.48	1.91	1.39
	P	(+)	+	+++	+++
Random	RR	1.11	1.09	1.76	1.37
	RRl	0.99	0.77	1.33	1.17
	RRu	1.26	1.54	2.33	1.61
	P	(+)	N.S.	+++	+++
Asymm	P	N.S.	N.S.	N.S.	N.S.
Between	Chi		0.56	14.29	14.57
Between	df		1	1	2
Between	P		N.S.	+++	N.S.      ***

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : a, w, c, z
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 83  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Adenocarcinoma - males  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
12	LEE	16	m	-	-	-	2.70	( 0.24-	30.57)
26	JANERI	21	m	-	-	-	0.97	( 0.65-	1.44)
46	BOFFET	99	m	-	-	-	1.08	( 0.66-	1.77)
51	RAPITI	35	m	-	-	-	1.00	( 0.20-	6.40)
82	TSE	28	m	-	-	-	1.18	( 0.71-	1.98)
85	HOSSEI	28	m	-	-	-	2.40	( 1.00-	5.70)
86	JIANG	18	m	-	-	-	4.33	( 1.09-	17.18)
88	LO	19	m	-	-	-	2.14	( 1.20-	3.81)
Partial Totals			0	0	0	0			

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
12	LEE	16	m	c	0.99	0.65	0.35	0.4218
26	JANERI	21	m	w	-0.03	24.29	2.08	0.8807
46	BOFFET	99	m	a	0.08	15.79	0.54	0.7597
51	RAPITI	35	m	a	0.00	1.28	0.09	1.0000
82	TSE	28	m	a	0.17	14.61	0.14	0.5270
85	HOSSEI	28	m	a	0.88	5.07	1.91	0.0486
86	JIANG	18	m	a	1.47	2.02	2.94	0.0369
88	LO	19	m	a	0.76	11.51	2.86	0.0098

Relative risks

	N	8
	NS	8
	Wt	75.23
Het	Chi	10.90
Het	df	7
Het	P	N.S.
Fixed	RR	1.30
	RRl	1.04
	RRu	1.63
	P	+
Random	RR	1.41
	RRl	1.02
	RRu	1.93
	P	+
Asymm	P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : a, w, c, z
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 84  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Adenocarcinoma - males  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
12	LEE	19	m	3	14	1	16	3.43	( 0.32- 36.83)
26	JANERI	21	m	-	-	-	-	0.97	( 0.65- 1.44)
46	BOFFET	95	m	-	-	-	-	1.31	( 0.85- 2.01)
51	RAPITI	35	m	-	-	-	-	1.00	( 0.20- 6.40)
82	TSE	19	m	38	194	51	342	1.31	( 0.83- 2.07)
85	HOSSEI	28	m	-	-	-	-	2.40	( 1.00- 5.70)
86	JIANG	16	m	-	-	-	-	4.33	( 1.09- 17.18)
88	LO	17	m	-	-	-	-	2.12	( 1.20- 3.76)
Partial Totals				41	208	52	358		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
12	LEE	19	m	c	1.23	0.68	0.57	0.3091
26	JANERI	21	m	w	-0.03	24.29	2.98	0.8807
46	BOFFET	95	m	a	0.27	20.74	0.05	0.2187
51	RAPITI	35	m	a	0.00	1.28	0.13	1.0000
82	TSE	19	m	a	0.27	18.52	0.04	0.2406
85	HOSSEI	28	m	a	0.88	5.07	1.56	0.0486
86	JIANG	16	m	a	1.47	2.02	2.65	0.0372
88	LO	17	m	a	0.75	11.78	2.19	0.0099

Relative risks

	N	8
	NS	8
	Wt	84.38
Het	Chi	10.18
Het	df	7
Het	P	N.S.
Fixed	RR	1.38
	RRl	1.11
	RRu	1.70
	P	++
Random	RR	1.47
	RRl	1.10
	RRu	1.95
	P	++
Asymm	P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : a, w, c, z
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 85  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Adenocarcinoma - males  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
26	JANERI	21	m -	-	-	-	0.97	( 0.65- 1.44)
Partial Totals			0	0	0	0		

\*prospective study

Europe

StN	Ref	NRR	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
12	LEE	16	m -	-	-	-	2.70	( 0.24- 30.57)
46	BOFFET	99	m -	-	-	-	1.08	( 0.66- 1.77)
Partial Totals			0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
51	RAPITI	35	m -	-	-	-	1.00	( 0.20- 6.40)
82	TSE	28	m -	-	-	-	1.18	( 0.71- 1.98)
85	HOSSEI	28	m -	-	-	-	2.40	( 1.00- 5.70)
86	JIANG	18	m -	-	-	-	4.33	( 1.09- 17.18)
88	LO	19	m -	-	-	-	2.14	( 1.20- 3.81)
Partial Totals			0	0	0	0		

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

N	1	2	5	8
NS	1	2	5	8
Wt	24.29	16.44	34.50	75.23
Het Chi	0.00	0.53	5.29	10.90
Het df	0	1	4	7
Het P	N.S.	N.S.	N.S.	N.S.
Fixed RR	0.97	1.12	1.71	1.30
RRl	0.65	0.69	1.23	1.04
RRu	1.44	1.82	2.39	1.63
P	N.S.	N.S.	++	+
Random RR	0.97	1.12	1.79	1.41
RRl	0.65	0.69	1.18	1.02
RRu	1.44	1.82	2.71	1.93
P	N.S.	N.S.	++	+
Asymm P			N.S.	N.S.
Between Chi		0.20	4.62	5.08
Between df		1	1	2
Between P		N.S.	+	N.S. (*)

-----  
 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : a, w, c, z
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 86  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Adenocarcinoma - males  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
26	JANERI	21	m -	-	-	-	0.97	( 0.65- 1.44)
Partial Totals			0	0	0	0		

\*prospective study

Europe

StN	Ref	NRR	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
12	LEE	19	m 3	14	1	16	3.43	( 0.32- 36.83)
46	BOFFET	95	m -	-	-	-	1.31	( 0.85- 2.01)
Partial Totals			3	14	1	16		

\*prospective study

Asia

StN	Ref	NRR	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
51	RAPITI	35	m -	-	-	-	1.00	( 0.20- 6.40)
82	TSE	19	m 38	194	51	342	1.31	( 0.83- 2.07)
85	HOSSEI	28	m -	-	-	-	2.40	( 1.00- 5.70)
86	JIANG	16	m -	-	-	-	4.33	( 1.09- 17.18)
88	LO	17	m -	-	-	-	2.12	( 1.20- 3.76)
Partial Totals			38	194	51	342		

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

N	1	2	5	8
NS	1	2	5	8
Wt	24.29	21.43	38.67	84.38
Het Chi	0.00	0.61	4.52	10.18
Het df	0	1	4	7
Het P	N.S.	N.S.	N.S.	N.S.
Fixed RR	0.97	1.35	1.73	1.38
RRl	0.65	0.88	1.27	1.11
RRu	1.44	2.06	2.38	1.70
P	N.S.	N.S.	+++	++
Random RR	0.97	1.35	1.78	1.47
RRl	0.65	0.88	1.25	1.10
RRu	1.44	2.06	2.53	1.95
P	N.S.	N.S.	++	++
Asymm P			N.S.	N.S.
Between Chi		1.25	5.04	5.05
Between df		1	1	2
Between P		N.S.	+	N.S. (*)

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : a, w, c, z
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 87  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Adenocarcinoma - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	5	f	-	-	-	1.33 ( 0.80- 2.21)	
9	LAMW	1	f	37	64	23	2.01 ( 1.09- 3.72)	
10	WU	3	f	-	-	-	1.20 ( 0.50- 3.30)	
12	LEE	16	m	-	-	-	2.70 ( 0.24- 30.57)	
12	LEE	8	f	-	-	-	0.41 ( 0.07- 2.40)	
Subtotal 12							0.79 ( 0.19- 3.29)	
13	BROWN1	2	f	-	-	-	1.68 ( 0.39- 6.90)	
16	KOO	9	f	-	-	-	1.61 ( 0.61- 4.29)	
17	LAMT	7	f	78	64	53	2.12 ( 1.32- 3.39)	
18	PERSHA	4	f	-	-	-	0.80 ( 0.40- 1.50)	
26	JANERI	6	c	-	-	-	0.97 ( 0.79- 1.16)	
27	KALAND	5	f	-	-	-	2.04 ( 0.98- 4.24)	
31	BROWN2	6	f	-	-	-	1.00 ( 0.80- 1.30)	
32	STOCKW	5	f	-	-	-	1.30 ( 0.60- 2.70)	
35	FONTHA	8	f	-	-	-	1.28 ( 1.01- 1.62)	
40	SUN	4	f	-	-	-	2.86 ( 1.69- 4.84)	
44	ZHENG	10	f	38	108	5	2.32 ( 0.85- 6.38)	
46	BOFFET	25	c	-	-	-	1.08 ( 0.82- 1.42)	
47	SHEN	1	f	56	59	14	0.75 ( 0.31- 1.78)	
48	ZARIDZ	8	f	-	-	-	1.52 ( 0.96- 2.39)	
49	BOFFE2	12	c	-	-	-	1.00 ( 0.50- 1.80)	
51	RAPITI	31	c	-	-	-	1.00 ( 0.30- 3.20)	
53	ZHONG	4	f	-	-	-	1.10 ( 0.80- 1.50)	
64	ZATLOU	4	f	-	-	-	0.36 ( 0.11- 1.22)	
79	KURAHA	12	f	-	-	-	1.83 ( 0.98- 3.40)	
82	TSE	28	m	-	-	-	1.18 ( 0.71- 1.98)	
85	HOSSEI	21	c	22	94	19	2.40 ( 1.24- 4.65)	
86	JIANG	3	c	-	-	-	4.33 ( 1.98- 9.49)	
88	LO	8	c	-	-	-	2.14 ( 1.59- 2.88)	
Partial Totals				231	389	114	411	

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
8	GARFI2	5	f	a	0.29	14.88	0.02	0.2713
9	LAMW	1	f	a	0.70	10.14	2.08	0.0261
10	WU	3	f	a	0.18	4.31	0.02	0.7049
12	LEE	16	m	c	0.99	0.65	0.37	0.4218
12	LEE	8	f	c	-0.89	1.23	1.59	0.3228
Subtotal 12					-0.24	1.88	1.96	
13	BROWN1	2	f	a	0.52	1.86	0.14	0.4791
16	KOO	9	f	w	0.48	4.04	0.22	0.3385
17	LAMT	7	f	a	0.75	17.19	4.37	0.0019
18	PERSHA	4	f	c	-0.22	8.80	1.93	0.5081
26	JANERI	6	c	w	-0.03	104.13	7.92	0.7559
27	KALAND	5	f	a	0.71	7.16	1.57	0.0564
31	BROWN2	6	f	a	0.00	65.19	3.92	1.0000
32	STOCKW	5	f	a	0.26	6.79	0.00	0.4941
35	FONTHA	8	f	a	0.25	68.83	0.00	0.0406
40	SUN	4	f	a	1.05	13.88	9.00	0.0001
44	ZHENG	10	f	a	0.84	3.76	1.34	0.1023
46	BOFFET	25	c	a	0.08	50.96	1.44	0.5827
47	SHEN	1	f	a	-0.29	5.07	1.47	0.5088
48	ZARIDZ	8	f	a	0.42	18.47	0.56	0.0719
49	BOFFE2	12	c	a	0.00	9.36	0.56	1.0000
51	RAPITI	31	c	a	0.00	2.74	0.17	1.0000
53	ZHONG	4	f	a	0.10	38.89	0.88	0.5523
64	ZATLOU	4	f	a	-1.02	2.65	4.26	0.0960
79	KURAHA	12	f	a	0.60	9.93	1.28	0.0569
82	TSE	28	m	a	0.17	14.61	0.09	0.5270
85	HOSSEI	21	c	a	0.88	8.78	3.50	0.0094
86	JIANG	3	c	a	1.47	6.25	9.31	0.0002
88	LO	8	c	a	0.76	43.54	11.57	0.0000

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : a, w, c, z
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 87  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Adenocarcinoma - both sexes  
 Overall analysis - adjusted

Relative risks

	N	28
	NS	27
	Wt	544.10
Het	Chi	69.57
Het	df	27
Het	P	***
Fixed	RR	1.28
	RRl	1.18
	RRu	1.39
	P	+++
Random	RR	1.40
	RRl	1.19
	RRu	1.64
	P	+++
Asymm	P	N.S.

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Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : a, w, c, z
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 88  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Adenocarcinoma - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	5	f -	-	-	-	1.33	( 0.80- 2.21)
9	LAMW	1	f 37	64	23	80	2.01	( 1.09- 3.72)
10	WU	2	f 19	33	9	22	1.41	( 0.54- 3.67)
12	LEE	19	m 3	14	1	16	3.43	( 0.32- 36.83)
12	LEE	20	f 4	45	5	21	0.37	( 0.09- 1.53)
Subtotal 12							0.67	( 0.20- 2.25)
13	BROWN1	1	f 4	7	15	40	1.52	( 0.39- 5.96)
16	KOO	5	f 34	97	12	40	1.17	( 0.55- 2.48)
17	LAMT	7	f 78	64	53	92	2.12	( 1.32- 3.39)
18	PERSHA	4	f -	-	-	-	0.80	( 0.40- 1.50)
26	JANERI	6	c -	-	-	-	0.97	( 0.79- 1.16)
27	KALAND	5	f -	-	-	-	2.04	( 0.98- 4.24)
31	BROWN2	6	f -	-	-	-	1.00	( 0.80- 1.30)
32	STOCKW	5	f -	-	-	-	1.30	( 0.60- 2.70)
35	FONTHA	7	f334	766	162	487	1.31	( 1.05- 1.63)
40	SUN	4	f -	-	-	-	2.86	( 1.69- 4.84)
44	ZHENG	10	f 38	108	5	33	2.32	( 0.85- 6.38)
46	BOFFET	24	c174	700	159	838	1.31	( 1.03- 1.66)
47	SHEN	1	f 56	59	14	11	0.75	( 0.31- 1.78)
48	ZARIDZ	7	f 60	163	46	195	1.56	( 1.01- 2.42)
49	BOFFE2	11	c 33	75	37	103	1.22	( 0.70- 2.14)
51	RAPITI	31	c -	-	-	-	1.00	( 0.30- 3.20)
53	ZHONG	3	f187	377	109	224	1.02	( 0.76- 1.36)
64	ZATLOU	1	f 3	155	47	734	0.30	( 0.09- 0.98)
79	KURAHA	11	f 67	280213	15	97392	1.55	( 0.89- 2.72)
82	TSE	19	m 38	194	51	342	1.31	( 0.83- 2.07)
85	HOSSEI	21	c 22	94	19	195	2.40	( 1.24- 4.65)
86	JIANG	7	c 38	18	19	39	4.33	( 1.98- 9.49)
88	LO	7	c242	240	103	217	2.12	( 1.58- 2.85)
Partial Totals			1471	283486	904	101121		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
8	GARFI2	5	f	a	0.29	14.88	0.01	0.2713
9	LAMW	1	f	a	0.70	10.14	1.96	0.0261
10	WU	2	f	a	0.34	4.18	0.03	0.4850
12	LEE	19	m	c	1.23	0.68	0.65	0.3091
12	LEE	20	f	c	-0.99	1.92	2.98	0.1718
Subtotal 12					-0.41	2.61	3.62	
13	BROWN1	1	f	a	0.42	2.06	0.05	0.5451
16	KOO	5	f	w	0.16	6.75	0.07	0.6859
17	LAMT	7	f	a	0.75	17.19	4.13	0.0019
18	PERSHA	4	f	c	-0.22	8.80	2.05	0.5081
26	JANERI	6	c	w	-0.03	104.13	8.74	0.7559
27	KALAND	5	f	a	0.71	7.16	1.47	0.0564
31	BROWN2	6	f	a	0.00	65.19	4.38	1.0000
32	STOCKW	5	f	a	0.26	6.79	0.00	0.4941
35	FONTHA	7	f	a	0.27	79.84	0.01	0.0156
40	SUN	4	f	a	1.05	13.88	8.70	0.0001
44	ZHENG	10	f	a	0.84	3.76	1.28	0.1023
46	BOFFET	24	c	a	0.27	68.22	0.01	0.0257
47	SHEN	1	f	a	-0.29	5.07	1.55	0.5088
48	ZARIDZ	7	f	a	0.44	20.13	0.69	0.0459
49	BOFFE2	11	c	a	0.20	12.44	0.04	0.4743
51	RAPITI	31	c	a	0.00	2.74	0.18	1.0000
53	ZHONG	3	f	a	0.02	46.21	2.66	0.8964
64	ZATLOU	1	f	a	-1.20	2.76	5.85	0.0469
79	KURAHA	11	f	a	0.44	12.26	0.40	0.1236
82	TSE	19	m	a	0.27	18.52	0.00	0.2406
85	HOSSEI	21	c	a	0.88	8.78	3.34	0.0094
86	JIANG	7	c	a	1.47	6.24	9.10	0.0002
88	LO	7	c	a	0.75	44.22	10.80	0.0000

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 Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : a, w, c, z
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 88  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Adenocarcinoma - both sexes  
 Overall analysis - unadjusted

Relative risks

	N	28
	NS	27
	Wt	594.95
Het	Chi	71.13
Het	df	27
Het	P	***
Fixed	RR	1.30
	RRl	1.20
	RRu	1.40
	P	+++
Random	RR	1.40
	RRl	1.20
	RRu	1.64
	P	+++
Asymm	P	N.S.

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Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : a, w, c, z
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 89  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Adenocarcinoma - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	5	f -	-	-	-	1.33 ( 0.80- 2.21)	
10	WU	3	f -	-	-	-	1.20 ( 0.50- 3.30)	
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39- 6.90)	
26	JANERI	6	c -	-	-	-	0.97 ( 0.79- 1.16)	
31	BROWN2	6	f -	-	-	-	1.00 ( 0.80- 1.30)	
32	STOCKW	5	f -	-	-	-	1.30 ( 0.60- 2.70)	
35	FONTHA	8	f -	-	-	-	1.28 ( 1.01- 1.62)	
Partial Totals			0	0	0	0		

\*prospective study

Europe

StN	Ref	NRR	Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	16	m -	-	-	-	2.70 ( 0.24- 30.57)	
12	LEE	8	f -	-	-	-	0.41 ( 0.07- 2.40)	
Subtotal 12							0.79 ( 0.19- 3.29)	
18	PERSHA	4	f -	-	-	-	0.80 ( 0.40- 1.50)	
27	KALAND	5	f -	-	-	-	2.04 ( 0.98- 4.24)	
46	BOFFET	25	c -	-	-	-	1.08 ( 0.82- 1.42)	
48	ZARIDZ	8	f -	-	-	-	1.52 ( 0.96- 2.39)	
49	BOFFE2	12	c -	-	-	-	1.00 ( 0.50- 1.80)	
64	ZATLOU	4	f -	-	-	-	0.36 ( 0.11- 1.22)	
Partial Totals			0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09- 3.72)	
16	KOO	9	f -	-	-	-	1.61 ( 0.61- 4.29)	
17	LAMT	7	f 78	64	53	92	2.12 ( 1.32- 3.39)	
40	SUN	4	f -	-	-	-	2.86 ( 1.69- 4.84)	
44	ZHENG	10	f 38	108	5	33	2.32 ( 0.85- 6.38)	
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31- 1.78)	
51	RAPITI	31	c -	-	-	-	1.00 ( 0.30- 3.20)	
53	ZHONG	4	f -	-	-	-	1.10 ( 0.80- 1.50)	
79	KURAHA	12	f -	-	-	-	1.83 ( 0.98- 3.40)	
82	TSE	28	m -	-	-	-	1.18 ( 0.71- 1.98)	
85	HOSSEI	21	c 22	94	19	195	2.40 ( 1.24- 4.65)	
86	JIANG	3	c -	-	-	-	4.33 ( 1.98- 9.49)	
88	LO	8	c -	-	-	-	2.14 ( 1.59- 2.88)	
Partial Totals			231	389	114	411		

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

	N	7	8	13	28
	NS	7	7	13	27
	Wt	266.00	99.29	178.81	544.10
Het	Chi	4.86	10.65	27.49	69.57
Het	df	6	7	12	27
Het	P	N.S.	N.S.	**	***
Fixed	RR	1.08	1.12	1.75	1.28
	RR1	0.96	0.92	1.51	1.18
	RRu	1.22	1.37	2.03	1.39
	P	N.S.	N.S.	+++	+++
Random	RR	1.08	1.11	1.81	1.40
	RR1	0.96	0.82	1.41	1.19
	RRu	1.22	1.49	2.31	1.64
	P	N.S.	N.S.	+++	+++
Asymm	P	N.S.	N.S.	N.S.	N.S.

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : a, w, c, z
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 90  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Adenocarcinoma - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	5	f -	-	-	-	1.33 ( 0.80- 2.21)	
10	WU	2	f 19	33	9	22	1.41 ( 0.54- 3.67)	
13	BROWN1	1	f 4	7	15	40	1.52 ( 0.39- 5.96)	
26	JANERI	6	c -	-	-	-	0.97 ( 0.79- 1.16)	
31	BROWN2	6	f -	-	-	-	1.00 ( 0.80- 1.30)	
32	STOCKW	5	f -	-	-	-	1.30 ( 0.60- 2.70)	
35	FONTHA	7	f334	766	162	487	1.31 ( 1.05- 1.63)	
Partial Totals			357	806	186	549		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	19	m 3	14	1	16	3.43 ( 0.32- 36.83)	
12	LEE	20	f 4	45	5	21	0.37 ( 0.09- 1.53)	
Subtotal 12							0.67 ( 0.20- 2.25)	
18	PERSHA	4	f -	-	-	-	0.80 ( 0.40- 1.50)	
27	KALAND	5	f -	-	-	-	2.04 ( 0.98- 4.24)	
46	BOFFET	24	c174	700	159	838	1.31 ( 1.03- 1.66)	
48	ZARIDZ	7	f 60	163	46	195	1.56 ( 1.01- 2.42)	
49	BOFFE2	11	c 33	75	37	103	1.22 ( 0.70- 2.14)	
64	ZATLOU	1	f 3	155	47	734	0.30 ( 0.09- 0.98)	
Partial Totals			277	1152	295	1907		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
9	LAMW	1	f 37	64	23	80	2.01 ( 1.09- 3.72)	
16	KOO	5	f 34	97	12	40	1.17 ( 0.55- 2.48)	
17	LAMT	7	f 78	64	53	92	2.12 ( 1.32- 3.39)	
40	SUN	4	f -	-	-	-	2.86 ( 1.69- 4.84)	
44	ZHENG	10	f 38	108	5	33	2.32 ( 0.85- 6.38)	
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31- 1.78)	
51	RAPITI	31	c -	-	-	-	1.00 ( 0.30- 3.20)	
53	ZHONG	3	f187	377	109	224	1.02 ( 0.76- 1.36)	
79	KURAHA	11	f 67	280213	15	97392	1.55 ( 0.89- 2.72)	
82	TSE	19	m 38	194	51	342	1.31 ( 0.83- 2.07)	
85	HOSSEI	21	c 22	94	19	195	2.40 ( 1.24- 4.65)	
86	JIANG	7	c 38	18	19	39	4.33 ( 1.98- 9.49)	
88	LO	7	c242	240	103	217	2.12 ( 1.58- 2.85)	
Partial Totals			837	281528	423	98665		

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

N	7	8	13	28
NS	7	7	13	27
Wt	277.07	122.12	195.77	594.95
Het Chi	5.89	13.66	32.40	71.13
Het df	6	7	12	27
Het P	N.S.	(*)	**	***
Fixed RR	1.10	1.26	1.66	1.30
RR1	0.98	1.06	1.44	1.20
RRu	1.24	1.51	1.91	1.40
P	N.S.	++	+++	+++
Random RR	1.10	1.17	1.74	1.40
RR1	0.98	0.85	1.35	1.20
RRu	1.24	1.61	2.24	1.64
P	N.S.	N.S.	+++	+++
Asymm P	N.S.	N.S.	N.S.	N.S.

Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : a, w, c, z
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 90  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 08-DEC-11  
 Adenocarcinoma - both sexes  
 By continent - unadjusted

	NAmerica	Europe	Asia	Other	Total
Relative risks					
Between Chi		1.62	19.09		19.18
Between df		1	1		2
Between P		N.S.	+++	N.S.	***

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Within each study, results are selected according to the following order of preference:

- 1) EXP : s, h, t, b
- 2) TYP : a, w, c, z
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
- 5) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 91  
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 08-DEC-11  
 Workers only, if available - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
7	KABAT1	1	m 18	11	7	14	3.27	( 1.01-	10.62)
7	KABAT1	2	f 26	31	27	22	0.68	( 0.32-	1.47)
Subtotal 7							1.09	( 0.57-	2.07)
8	GARFI2	1	f 34	118	42	135	0.93	( 0.55-	1.55)
10	WU	1	f -	-	-	-	1.30	( 0.50-	3.30)
12	LEE	1	m 7	58	3	40	1.61	( 0.39-	6.60)
12	LEE	2	f 3	45	12	113	0.63	( 0.17-	2.33)
Subtotal 12							0.97	( 0.37-	2.54)
16	KOO	1	f 9	12	79	125	1.19	( 0.48-	2.95)
22	SHIMIZ	1	f 35	57	55	106	1.18	( 0.70-	2.01)
26	JANERI	1	c -	-	-	-	0.91	( 0.61-	1.35)
27	KALAND	1	f 13	10	52	68	1.70	( 0.69-	4.18)
29	WU-WIL	2	f -	-	-	-	1.06	( 0.80-	1.40)
31	BROWN2	1	f -	-	-	-	0.98	( 0.74-	1.31)
35	FONTHA	4	f -	-	-	-	1.56	( 1.21-	2.02)
38	KABAT2	1	m 23	65	18	52	1.02	( 0.50-	2.09)
38	KABAT2	2	f 35	85	23	64	1.15	( 0.62-	2.13)
Subtotal 38							1.09	( 0.68-	1.74)
39	SCHWAR	2	c -	-	-	-	1.50	( 1.00-	2.20)
40	SUN	1	f -	-	-	-	1.38	( 0.94-	2.04)
42	WANGT	1	f113	115	22	20	0.89	( 0.46-	1.73)
43	CARDEN	1	m -	-	-	-	1.09	( 0.62-	1.91)
43	CARDEN	2	f -	-	-	-	1.00	( 0.65-	1.54)
Subtotal 43							1.03	( 0.73-	1.45)
46	BOFFET	2	m -	-	-	-	1.13	( 0.68-	1.86)
46	BOFFET	4	f -	-	-	-	1.19	( 0.94-	1.51)
Subtotal 46							1.18	( 0.95-	1.46)
48	ZARIDZ	2	f -	-	-	-	0.88	( 0.55-	1.41)
49	BOFFE2	28	c -	-	-	-	1.50	( 0.80-	3.00)
51	RAPITI	27	c -	-	-	-	1.10	( 0.30-	4.10)
53	ZHONG	14	f -	-	-	-	1.70	( 1.30-	2.30)
54	LEECH	14	f -	-	-	-	0.91	( 0.52-	1.62)
56	WANGL	47	c -	-	-	-	1.56	( 0.70-	3.30)
57	JOHNSO	10	f -	-	-	-	1.36	( 0.80-	2.31)
60	OHNO	16	f -	-	-	-	1.38	( 0.92-	2.05)
65	IARCKR	5	m -	-	-	-	0.50	( 0.20-	1.30)
65	IARCKR	7	f -	-	-	-	1.40	( 0.80-	2.20)
Subtotal 65							1.11	( 0.71-	1.73)
67	EPICA	8	c -	-	-	-	1.28	( 0.67-	2.40)
70	GORLOV	3	m -	-	-	-	1.58	( 0.67-	3.70)
70	GORLOV	4	f -	-	-	-	1.95	( 1.05-	3.62)
Subtotal 70							1.81	( 1.10-	2.99)
71	RYLAND	5	c -	-	-	-	2.26	( 0.93-	5.48)
72	WEN	7	f -	-	-	-	1.79	( 1.09-	2.93)
77	ASOMAN	2	c 85	266	53	200	1.21	( 0.82-	1.78)
79	KURAHA	30	f -	-	-	-	1.32	( 0.85-	2.04)
82	TSE	44	m -	-	-	-	1.15	( 0.74-	1.77)
84	BRENNE	14	c 69	179	82	267	1.26	( 0.87-	1.82)
85	HOSSEI	17	m 3	13	23	157	1.58	( 0.42-	5.95)
85	HOSSEI	18	f 1	0	54	119	6.58~	( 0.26-	164.08)
Subtotal 85							1.94	( 0.57-	6.63)
Partial Totals			474	1065	552	1502			

\*prospective study

~ With 0.5 adjustment for zero

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 Within each study, results are selected according to the following order of preference:

- 1) WOR : w, a
- 2) TYP : t, g, other
- 3) TIM : e, a, z, y, w, f, v, c, other
- 4) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 91  
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 08-DEC-11  
 Workers only, if available - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
7	KABAT1	1	m	t	1.19	2.77	2.62	0.0484
7	KABAT1	2	f	t	-0.38	6.53	2.30	0.3308
Subtotal 7					0.09	9.30	4.92	
8	GARFI2	1	f	t	-0.08	14.47	1.22	0.7704
10	WU	1	f	a	0.26	4.31	0.01	0.5858
12	LEE	1	m	t	0.48	1.93	0.13	0.5088
12	LEE	2	f	t	-0.47	2.23	1.03	0.4866
Subtotal 12					-0.03	4.16	1.16	
16	KOO	1	f	t	0.17	4.65	0.01	0.7121
22	SHIMIZ	1	f	t	0.17	13.56	0.03	0.5351
26	JANERI	1	c	t	-0.09	24.35	2.30	0.6417
27	KALAND	1	f	t	0.53	4.74	0.48	0.2479
29	WU-WIL	2	f	t	0.06	49.07	1.18	0.6832
31	BROWN2	1	f	t	-0.02	47.11	2.57	0.8897
35	FONTHA	4	f	t	0.44	58.51	3.13	0.0007
38	KABAT2	1	m	t	0.02	7.48	0.27	0.9521
38	KABAT2	2	f	t	0.14	10.06	0.06	0.6661
Subtotal 38					0.09	17.54	0.33	
39	SCHWAR	2	c	t	0.41	24.72	0.91	0.0438
40	SUN	1	f	t	0.32	25.59	0.30	0.1032
42	WANGT	1	f	t	-0.11	8.85	0.94	0.7371
43	CARDEN	1	m	t	0.09	12.14	0.20	0.7640
43	CARDEN	2	f	t	0.00	20.65	0.94	1.0000
Subtotal 43					0.03	32.79	1.14	
46	BOFFET	2	m	t	0.12	15.18	0.13	0.6340
46	BOFFET	4	f	t	0.17	68.40	0.11	0.1503
Subtotal 46					0.16	83.57	0.23	
48	ZARIDZ	2	f	t	-0.13	17.34	2.02	0.5945
49	BOFFE2	28	c	a	0.41	8.80	0.32	0.2292
51	RAPITI	27	c	t	0.10	2.25	0.03	0.8864
53	ZHONG	14	f	t	0.53	47.20	4.75	0.0003
54	LEECH	14	f	t	-0.09	11.90	1.13	0.7449
56	WANGL	47	c	t	0.44	6.39	0.34	0.2609
57	JOHNSO	10	f	t	0.31	13.67	0.12	0.2557
60	OHNO	16	f	t	0.32	23.94	0.28	0.1151
65	IARCKR	5	m	t	-0.69	4.39	3.60	0.1466
65	IARCKR	7	f	t	0.34	15.02	0.23	0.1923
Subtotal 65					0.10	19.40	3.83	
67	EPICA	8	c	t	0.25	9.44	0.01	0.4482
70	GORLOV	3	m	t	0.46	5.26	0.31	0.2940
70	GORLOV	4	f	t	0.67	10.03	2.07	0.0344
Subtotal 70					0.60	15.29	2.39	
71	RYLAND	5	c	t	0.82	4.88	1.77	0.0715
72	WEN	7	f	t	0.58	15.72	2.14	0.0210
77	ASOMAN	2	c	t	0.19	25.39	0.02	0.3456
79	KURAHA	30	f	t	0.28	20.05	0.08	0.2138
82	TSE	44	m	t	0.14	20.20	0.11	0.5299
84	BRENNE	14	c	t	0.23	27.76	0.01	0.2312
85	HOSSEI	17	m	t	0.45	2.17	0.13	0.5029
85	HOSSEI	18	f	t	1.88	0.37	1.04	0.2510
Subtotal 85					0.66	2.54	1.16	

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 Within each study, results are selected according to the following order of preference:

- 1) WOR : w, a
- 2) TYP : t, g, other
- 3) TIM : e, a, z, y, w, f, v, c, other
- 4) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 91  
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 08-DEC-11  
 Workers only, if available - both sexes  
 Overall analysis - adjusted

Relative risks

	N	43
	NS	35
	Wt	719.44
Het	Chi	41.38
Het	df	42
Het	P	N.S.
Fixed	RR	1.24
	RRl	1.15
	RRu	1.33
	P	+++
Random	RR	1.24
	RRl	1.15
	RRu	1.33
	P	+++
Asymm	P	N.S.

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Within each study, results are selected according to the following order of preference:

- 1) WOR : w, a
- 2) TYP : t, g, other
- 3) TIM : e, a, z, y, w, f, v, c, other
- 4) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 92  
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 08-DEC-11  
 Workers only, if available - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
7	KABAT1	1	m 18	11	7	14	3.27	( 1.01-	10.62)
7	KABAT1	2	f 26	31	27	22	0.68	( 0.32-	1.47)
Subtotal 7							1.09	( 0.57-	2.07)
8	GARFI2	1	f 34	118	42	135	0.93	( 0.55-	1.55)
10	WU	1	f -	-	-	-	1.30	( 0.50-	3.30)
12	LEE	1	m 7	58	3	40	1.61	( 0.39-	6.60)
12	LEE	2	f 3	45	12	113	0.63	( 0.17-	2.33)
Subtotal 12							0.97	( 0.37-	2.54)
16	KOO	1	f 9	12	79	125	1.19	( 0.48-	2.95)
22	SHIMIZ	1	f 35	57	55	106	1.18	( 0.70-	2.01)
26	JANERI	1	c -	-	-	-	0.91	( 0.61-	1.35)
27	KALAND	1	f 13	10	52	68	1.70	( 0.69-	4.18)
29	WU-WIL	1	f228	301	187	301	1.22	( 0.95-	1.57)
31	BROWN2	2	f119	445	151	560	0.99	( 0.76-	1.30)
35	FONTHA	3	f385	756	143	392	1.40	( 1.11-	1.75)
38	KABAT2	1	m 23	65	18	52	1.02	( 0.50-	2.09)
38	KABAT2	2	f 35	85	23	64	1.15	( 0.62-	2.13)
Subtotal 38							1.09	( 0.68-	1.74)
39	SCHWAR	1	c136	126	121	151	1.35	( 0.96-	1.89)
40	SUN	1	f -	-	-	-	1.38	( 0.94-	2.04)
42	WANGT	1	f113	115	22	20	0.89	( 0.46-	1.73)
43	CARDEN	1	m -	-	-	-	1.09	( 0.62-	1.91)
43	CARDEN	2	f -	-	-	-	1.00	( 0.65-	1.54)
Subtotal 43							1.03	( 0.73-	1.45)
46	BOFFET	1	m105	379	36	152	1.17	( 0.77-	1.79)
46	BOFFET	3	f269	476	240	535	1.26	( 1.02-	1.56)
Subtotal 46							1.24	( 1.03-	1.50)
48	ZARIDZ	1	f 36	67	153	291	1.02	( 0.65-	1.60)
49	BOFFE2	27	c 38	97	31	81	1.02	( 0.59-	1.79)
51	RAPITI	27	c -	-	-	-	1.10	( 0.30-	4.10)
53	ZHONG	13	f136	127	368	474	1.38	( 1.05-	1.82)
54	LEECH	13	f 32	45	236	400	1.21	( 0.75-	1.95)
56	WANGL	47	c -	-	-	-	1.56	( 0.70-	3.30)
57	JOHNSO	9	f 38	373	33	388	1.20	( 0.74-	1.95)
60	OHNO	15	f126	194	65	135	1.35	( 0.93-	1.96)
65	IARCKR	5	m -	-	-	-	0.50	( 0.20-	1.30)
65	IARCKR	6	f -	-	-	-	1.10	( 0.70-	1.70)
Subtotal 65							0.95	( 0.64-	1.42)
67	EPICA	8	c -	-	-	-	1.28	( 0.67-	2.40)
70	GORLOV	3	m -	-	-	-	1.58	( 0.67-	3.70)
70	GORLOV	4	f -	-	-	-	1.95	( 1.05-	3.62)
Subtotal 70							1.81	( 1.10-	2.99)
71	RYLAND	4	c -	-	-	-	2.45	( 1.03-	5.84)
72	WEN	7	f -	-	-	-	1.79	( 1.09-	2.93)
77	ASOMAN	2	c 85	266	53	200	1.21	( 0.82-	1.78)
79	KURAHA	29	f 30	94652	77	279421	1.15	( 0.75-	1.75)
82	TSE	37	m 72	257	60	279	1.30	( 0.89-	1.91)
84	BRENNE	14	c 69	179	82	267	1.26	( 0.87-	1.82)
85	HOSSEI	17	m 3	13	23	157	1.58	( 0.42-	5.95)
85	HOSSEI	18	f 1	0	54	119	6.58~	( 0.26-	164.08)
Subtotal 85							1.94	( 0.57-	6.63)
Partial Totals			2224	99360	2453	285062			

\*prospective study

~ With 0.5 adjustment for zero

-----  
 Within each study, results are selected according to the following order of preference:

- 1) WOR : w, a
- 2) TYP : t, g, other
- 3) TIM : e, a, z, y, w, f, v, c, other
- 4) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 92  
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 08-DEC-11  
 Workers only, if available - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
7	KABAT1	1	m	t	1.19	2.77	2.69	0.0484
7	KABAT1	2	f	t	-0.38	6.53	2.21	0.3308
Subtotal 7					0.09	9.30	4.90	
8	GARFI2	1	f	t	-0.08	14.47	1.12	0.7704
10	WU	1	f	a	0.26	4.31	0.02	0.5858
12	LEE	1	m	t	0.48	1.93	0.15	0.5088
12	LEE	2	f	t	-0.47	2.23	0.99	0.4866
Subtotal 12					-0.03	4.16	1.14	
16	KOO	1	f	t	0.17	4.65	0.00	0.7121
22	SHIMIZ	1	f	t	0.17	13.56	0.01	0.5351
26	JANERI	1	c	t	-0.09	24.35	2.13	0.6417
27	KALAND	1	f	t	0.53	4.74	0.51	0.2479
29	WU-WIL	1	f	t	0.20	61.06	0.00	0.1214
31	BROWN2	2	f	t	-0.01	52.47	2.30	0.9521
35	FONTHA	3	f	t	0.33	74.27	1.30	0.0040
38	KABAT2	1	m	t	0.02	7.48	0.24	0.9521
38	KABAT2	2	f	t	0.14	10.06	0.04	0.6661
Subtotal 38					0.09	17.54	0.28	
39	SCHWAR	1	c	t	0.30	33.14	0.31	0.0864
40	SUN	1	f	t	0.32	25.59	0.37	0.1032
42	WANGT	1	f	t	-0.11	8.85	0.87	0.7371
43	CARDEN	1	m	t	0.09	12.14	0.16	0.7640
43	CARDEN	2	f	t	0.00	20.65	0.84	1.0000
Subtotal 43					0.03	32.79	1.00	
46	BOFFET	1	m	t	0.16	21.50	0.04	0.4673
46	BOFFET	3	f	t	0.23	84.36	0.07	0.0339
Subtotal 46					0.22	105.86	0.12	
48	ZARIDZ	1	f	t	0.02	18.98	0.61	0.9246
49	BOFFE2	27	c	a	0.02	12.31	0.39	0.9347
51	RAPITI	27	c	t	0.10	2.25	0.03	0.8864
53	ZHONG	13	f	t	0.32	49.87	0.72	0.0232
54	LEECH	13	f	t	0.19	16.61	0.00	0.4467
56	WANGL	47	c	t	0.44	6.39	0.38	0.2609
57	JOHNSO	9	f	t	0.18	16.16	0.01	0.4681
60	OHNO	15	f	t	0.30	27.87	0.27	0.1141
65	IARCKR	5	m	t	-0.69	4.39	3.51	0.1466
65	IARCKR	6	f	t	0.10	19.52	0.22	0.6737
Subtotal 65					-0.05	23.90	3.73	
67	EPICA	8	c	t	0.25	9.44	0.02	0.4482
70	GORLOV	3	m	t	0.46	5.26	0.35	0.2940
70	GORLOV	4	f	t	0.67	10.03	2.18	0.0344
Subtotal 70					0.60	15.29	2.53	
71	RYLAND	4	c	t	0.90	5.10	2.46	0.0429
72	WEN	7	f	t	0.58	15.72	2.28	0.0210
77	ASOMAN	2	c	t	0.19	25.39	0.00	0.3456
79	KURAHA	29	f	t	0.14	21.60	0.08	0.5156
82	TSE	37	m	t	0.26	26.29	0.11	0.1751
84	BRENNE	14	c	t	0.23	27.76	0.02	0.2312
85	HOSSEI	17	m	t	0.45	2.17	0.14	0.5029
85	HOSSEI	18	f	t	1.88	0.37	1.05	0.2510
Subtotal 85					0.66	2.54	1.19	

-----  
 Within each study, results are selected according to the following order of preference:

- 1) WOR : w, a
- 2) TYP : t, g, other
- 3) TIM : e, a, z, y, w, f, v, c, other
- 4) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 92  
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 08-DEC-11  
 Workers only, if available - both sexes  
 Overall analysis - unadjusted

Relative risks

	N	43
	NS	35
	Wt	814.59
Het	Chi	31.22
Het	df	42
Het	P	N.S.
Fixed	RR	1.22
	RRl	1.14
	RRu	1.31
	P	+++
Random	RR	1.22
	RRl	1.14
	RRu	1.31
	P	+++
Asymm	P	N.S.

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Within each study, results are selected according to the following order of preference:

- 1) WOR : w, a
- 2) TYP : t, g, other
- 3) TIM : e, a, z, y, w, f, v, c, other
- 4) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 93  
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 08-DEC-11  
 Workers only, if available - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
7	KABAT1	1	m 18	11	7	14	3.27	( 1.01-	10.62)
7	KABAT1	2	f 26	31	27	22	0.68	( 0.32-	1.47)
Subtotal 7							1.09	( 0.57-	2.07)
8	GARFI2	1	f 34	118	42	135	0.93	( 0.55-	1.55)
10	WU	1	f -	-	-	-	1.30	( 0.50-	3.30)
26	JANERI	1	c -	-	-	-	0.91	( 0.61-	1.35)
31	BROWN2	1	f -	-	-	-	0.98	( 0.74-	1.31)
35	FONTHA	4	f -	-	-	-	1.56	( 1.21-	2.02)
38	KABAT2	1	m 23	65	18	52	1.02	( 0.50-	2.09)
38	KABAT2	2	f 35	85	23	64	1.15	( 0.62-	2.13)
Subtotal 38							1.09	( 0.68-	1.74)
39	SCHWAR	2	c -	-	-	-	1.50	( 1.00-	2.20)
43	CARDEN	1	m -	-	-	-	1.09	( 0.62-	1.91)
43	CARDEN	2	f -	-	-	-	1.00	( 0.65-	1.54)
Subtotal 43							1.03	( 0.73-	1.45)
57	JOHNSO	10	f -	-	-	-	1.36	( 0.80-	2.31)
70	GORLOV	3	m -	-	-	-	1.58	( 0.67-	3.70)
70	GORLOV	4	f -	-	-	-	1.95	( 1.05-	3.62)
Subtotal 70							1.81	( 1.10-	2.99)
77	ASOMAN	2	c 85	266	53	200	1.21	( 0.82-	1.78)
84	BRENNE	14	c 69	179	82	267	1.26	( 0.87-	1.82)
Partial Totals			290	755	252	754			

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
12	LEE	1	m 7	58	3	40	1.61	( 0.39-	6.60)
12	LEE	2	f 3	45	12	113	0.63	( 0.17-	2.33)
Subtotal 12							0.97	( 0.37-	2.54)
27	KALAND	1	f 13	10	52	68	1.70	( 0.69-	4.18)
46	BOFFET	2	m -	-	-	-	1.13	( 0.68-	1.86)
46	BOFFET	4	f -	-	-	-	1.19	( 0.94-	1.51)
Subtotal 46							1.18	( 0.95-	1.46)
48	ZARIDZ	2	f -	-	-	-	0.88	( 0.55-	1.41)
49	BOFFE2	28	c -	-	-	-	1.50	( 0.80-	3.00)
65	IARCKR	5	m -	-	-	-	0.50	( 0.20-	1.30)
65	IARCKR	7	f -	-	-	-	1.40	( 0.80-	2.20)
Subtotal 65							1.11	( 0.71-	1.73)
67	EPICA	8	c -	-	-	-	1.28	( 0.67-	2.40)
71	RYLAND	5	c -	-	-	-	2.26	( 0.93-	5.48)
Partial Totals			23	113	67	221			

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
16	KOO	1	f 9	12	79	125	1.19	( 0.48-	2.95)
22	SHIMIZ	1	f 35	57	55	106	1.18	( 0.70-	2.01)
29	WU-WIL	2	f -	-	-	-	1.06	( 0.80-	1.40)
40	SUN	1	f -	-	-	-	1.38	( 0.94-	2.04)
42	WANGT	1	f113	115	22	20	0.89	( 0.46-	1.73)
51	RAPITI	27	c -	-	-	-	1.10	( 0.30-	4.10)
53	ZHONG	14	f -	-	-	-	1.70	( 1.30-	2.30)
54	LEECH	14	f -	-	-	-	0.91	( 0.52-	1.62)
56	WANGL	47	c -	-	-	-	1.56	( 0.70-	3.30)
60	OHNO	16	f -	-	-	-	1.38	( 0.92-	2.05)
72	WEN	7	f -	-	-	-	1.79	( 1.09-	2.93)
79	KURAHA	30	f -	-	-	-	1.32	( 0.85-	2.04)
82	TSE	44	m -	-	-	-	1.15	( 0.74-	1.77)
85	HOSSEI	17	m 3	13	23	157	1.58	( 0.42-	5.95)
85	HOSSEI	18	f 1	0	54	119	6.58~	( 0.26-	164.08)
Subtotal 85							1.94	( 0.57-	6.63)
Partial Totals			161	197	233	527			

\*prospective study

Within each study, results are selected according to the following order of preference:

- 1) WOR : w, a
- 2) TYP : t, g, other
- 3) TIM : e, a, z, y, w, f, v, c, other
- 4) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 94  
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 08-DEC-11  
 Workers only, if available - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
7	KABAT1	1	m 18	11	7	14	3.27	( 1.01-	10.62)
7	KABAT1	2	f 26	31	27	22	0.68	( 0.32-	1.47)
Subtotal 7							1.09	( 0.57-	2.07)
8	GARFI2	1	f 34	118	42	135	0.93	( 0.55-	1.55)
10	WU	1	f -	-	-	-	1.30	( 0.50-	3.30)
26	JANERI	1	c -	-	-	-	0.91	( 0.61-	1.35)
31	BROWN2	2	f119	445	151	560	0.99	( 0.76-	1.30)
35	FONTHA	3	f385	756	143	392	1.40	( 1.11-	1.75)
38	KABAT2	1	m 23	65	18	52	1.02	( 0.50-	2.09)
38	KABAT2	2	f 35	85	23	64	1.15	( 0.62-	2.13)
Subtotal 38							1.09	( 0.68-	1.74)
39	SCHWAR	1	c136	126	121	151	1.35	( 0.96-	1.89)
43	CARDEN	1	m -	-	-	-	1.09	( 0.62-	1.91)
43	CARDEN	2	f -	-	-	-	1.00	( 0.65-	1.54)
Subtotal 43							1.03	( 0.73-	1.45)
57	JOHNSO	9	f 38	373	33	388	1.20	( 0.74-	1.95)
70	GORLOV	3	m -	-	-	-	1.58	( 0.67-	3.70)
70	GORLOV	4	f -	-	-	-	1.95	( 1.05-	3.62)
Subtotal 70							1.81	( 1.10-	2.99)
77	ASOMAN	2	c 85	266	53	200	1.21	( 0.82-	1.78)
84	BRENNE	14	c 69	179	82	267	1.26	( 0.87-	1.82)
Partial Totals			968	2455	700	2245			

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
12	LEE	1	m 7	58	3	40	1.61	( 0.39-	6.60)
12	LEE	2	f 3	45	12	113	0.63	( 0.17-	2.33)
Subtotal 12							0.97	( 0.37-	2.54)
27	KALAND	1	f 13	10	52	68	1.70	( 0.69-	4.18)
46	BOFFET	1	m105	379	36	152	1.17	( 0.77-	1.79)
46	BOFFET	3	f269	476	240	535	1.26	( 1.02-	1.56)
Subtotal 46							1.24	( 1.03-	1.50)
48	ZARIDZ	1	f 36	67	153	291	1.02	( 0.65-	1.60)
49	BOFFE2	27	c 38	97	31	81	1.02	( 0.59-	1.79)
65	IARCKR	5	m -	-	-	-	0.50	( 0.20-	1.30)
65	IARCKR	6	f -	-	-	-	1.10	( 0.70-	1.70)
Subtotal 65							0.95	( 0.64-	1.42)
67	EPICA	8	c -	-	-	-	1.28	( 0.67-	2.40)
71	RYLAND	4	c -	-	-	-	2.45	( 1.03-	5.84)
Partial Totals			471	1132	527	1280			

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
16	KOO	1	f 9	12	79	125	1.19	( 0.48-	2.95)
22	SHIMIZ	1	f 35	57	55	106	1.18	( 0.70-	2.01)
29	WU-WIL	1	f228	301	187	301	1.22	( 0.95-	1.57)
40	SUN	1	f -	-	-	-	1.38	( 0.94-	2.04)
42	WANGT	1	f113	115	22	20	0.89	( 0.46-	1.73)
51	RAPITI	27	c -	-	-	-	1.10	( 0.30-	4.10)
53	ZHONG	13	f136	127	368	474	1.38	( 1.05-	1.82)
54	LEECH	13	f 32	45	236	400	1.21	( 0.75-	1.95)
56	WANGL	47	c -	-	-	-	1.56	( 0.70-	3.30)
60	OHNO	15	f126	194	65	135	1.35	( 0.93-	1.96)
72	WEN	7	f -	-	-	-	1.79	( 1.09-	2.93)
79	KURAHA	29	f 30	94652	77	279421	1.15	( 0.75-	1.75)
82	TSE	37	m 72	257	60	279	1.30	( 0.89-	1.91)
85	HOSSEI	17	m 3	13	23	157	1.58	( 0.42-	5.95)
85	HOSSEI	18	f 1	0	54	119	6.58~	( 0.26-	164.08)
Subtotal 85							1.94	( 0.57-	6.63)
Partial Totals			785	95773	1226	281537			

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) WOR : w, a
- 2) TYP : t, g, other
- 3) TIM : e, a, z, y, w, f, v, c, other
- 4) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 95  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 08-DEC-11  
 All household members, if available - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	9	f -	-	-	-	0.91 ( 0.58-	1.42)
10	WU	4	f -	-	-	-	0.60 ( 0.20-	1.70)
14	GAO	9	f -	-	-	-	1.10 ( 0.70-	1.70)
16	KOO	11	f -	-	-	-	0.56 ( 0.21-	1.50)
18	PERSHA	5	f -	-	-	-	1.00 ( 0.40-	2.30)
25	SVENSS	4	f -	-	-	-	3.30 ( 0.50-	18.80)
26	JANERI	13	c -	-	-	-	1.33 ( 0.86-	2.06)
28	SOBUE	4	f -	-	-	-	1.28 ( 0.71-	2.31)
31	BROWN2	10	f -	-	-	-	0.80 ( 0.60-	1.10)
32	STOCKW	6	f -	-	-	-	1.66 ( 0.80-	3.44)
35	FONTHA	18	f -	-	-	-	0.89 ( 0.72-	1.10)
38	KABAT2	9	m 25	76	15	41	0.90 ( 0.43-	1.89)
38	KABAT2	10	f 47	106	22	81	1.63 ( 0.91-	2.92)
Subtotal 38							1.30 ( 0.82-	2.06)
40	SUN	7	f -	-	-	-	2.29 ( 1.56-	3.37)
42	WANGT	3	f 80	83	55	52	0.91 ( 0.56-	1.48)
46	BOFFET	28	m -	-	-	-	0.79 ( 0.52-	1.21)
46	BOFFET	30	f -	-	-	-	0.77 ( 0.61-	0.98)
Subtotal 46							0.77 ( 0.63-	0.95)
48	ZARIDZ	10	f -	-	-	-	0.92 ( 0.64-	1.32)
49	BOFFE2	2	c -	-	-	-	0.60 ( 0.30-	1.20)
51	RAPITI	22	m -	-	-	-	1.09 ( 0.38-	3.18)
51	RAPITI	16	f -	-	-	-	12.00 ( 4.30-	32.00)
Subtotal 51							3.87 ( 1.87-	8.03)
53	ZHONG	8	f -	-	-	-	0.93 ( 0.72-	1.20)
54	LEECH	16	f -	-	-	-	2.10 ( 1.40-	3.14)
56	WANGL	18	m -	-	-	-	1.46 ( 0.60-	3.70)
56	WANGL	20	f -	-	-	-	1.51 ( 1.00-	2.20)
Subtotal 56							1.50 ( 1.05-	2.16)
57	JOHNSO	4	f -	-	-	-	1.38 ( 0.81-	2.34)
60	OHNO	4	f -	-	-	-	1.00 ( 0.51-	1.98)
61	RACHTA	2	f -	-	-	-	3.31 ( 1.26-	8.69)
64	ZATLOU	12	f -	-	-	-	1.61 ( 1.01-	2.57)
65	IARCKR	8	m -	-	-	-	0.97 ( 0.40-	2.30)
65	IARCKR	9	f -	-	-	-	0.90 ( 0.50-	1.40)
Subtotal 65							0.92 ( 0.59-	1.43)
72	WEN	12	f -	-	-	-	0.88 ( 0.55-	1.43)
79	KURAHA	45	f -	-	-	-	0.93 ( 0.52-	1.66)
80	YANG	4	c -	-	-	-	1.47 ( 1.00-	2.15)
81	OLIVOM	2	c -	-	-	-	2.25 ( 1.04-	4.90)
83	LIANG	1	f124	140	102	139	1.21 ( 0.85-	1.72)
84	BRENNE	12	c 93	298	58	148	0.80 ( 0.54-	1.17)
89	EPICC	5	c -	-	-	-	1.34 ( 0.80-	2.22)
Partial Totals			369	703	252	461		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
8	GARFI2	9	f	t	-0.09	19.17	0.54	0.6797
10	WU	4	f	a	-0.51	3.36	1.15	0.3494
14	GAO	9	f	t	0.10	19.52	0.01	0.6737
16	KOO	11	f	t	-0.58	3.98	1.70	0.2477
18	PERSHA	5	f	t	0.00	5.02	0.03	1.0000
25	SVENSS	4	f	t	1.19	1.17	1.47	0.1969
26	JANERI	13	c	t	0.29	20.14	0.90	0.2006
28	SOBUE	4	f	t	0.25	11.04	0.33	0.4121
31	BROWN2	10	f	t	-0.22	41.82	3.68	0.1490
32	STOCKW	6	f	t	0.51	7.22	1.36	0.1732
35	FONTHA	18	f	t	-0.12	85.55	3.09	0.2811
38	KABAT2	9	m	t	-0.11	6.93	0.22	0.7795
38	KABAT2	10	f	t	0.49	11.30	1.96	0.0995
Subtotal 38					0.26	18.23	2.19	
40	SUN	7	f	t	0.83	25.90	14.77	0.0000
42	WANGT	3	f	t	-0.09	16.14	0.45	0.7090
46	BOFFET	28	m	t	-0.24	21.54	2.06	0.2739

Within each study, results are selected according to the following order of preference:

- 1) CHI : a, b/e, p, m, f, o, other                      3) UNX : 6, 2, 7, 1, other  
 2) TYP : t, g, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Where more than one time period within childhood was available, the index relating to the youngest exposure was used.



Table 95  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 08-DEC-11  
 All household members, if available - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
46	BOFFET	30	f	t	-0.26	68.36	7.67	0.0307
Subtotal 46					-0.26	89.91	9.73	
48	ZARIDZ	10	f	t	-0.08	29.32	0.72	0.6516
49	BOFFE2	2	c	a	-0.51	8.00	2.73	0.1486
51	RAPITI	22	m	t	0.09	3.40	0.00	0.8737
51	RAPITI	16	f	t	2.48	3.81	22.18	0.0000
Subtotal 51					1.35	7.22	22.18	
53	ZHONG	8	f	t	-0.07	58.89	1.26	0.5776
54	LEECH	16	f	t	0.74	23.55	10.52	0.0003
56	WANGL	18	m	t	0.38	4.64	0.43	0.4148
56	WANGL	20	f	t	0.41	24.72	2.83	0.0405
Subtotal 56					0.41	29.36	3.27	
57	JOHNSO	4	f	t	0.32	13.65	0.84	0.2340
60	OHNO	4	f	t	0.00	8.35	0.05	1.0000
61	RACHTA	2	f	t	1.20	4.12	5.20	0.0151
64	ZATLOU	12	f	g	0.48	17.62	2.86	0.0456
65	IARCKR	8	m	t	-0.03	5.02	0.05	0.9456
65	IARCKR	9	f	t	-0.11	14.49	0.46	0.6883
Subtotal 65					-0.09	19.52	0.52	
72	WEN	12	f	t	-0.13	16.83	0.68	0.6000
79	KURAHA	45	f	t	-0.07	11.40	0.24	0.8064
80	YANG	4	c	t	0.39	26.22	2.55	0.0485
81	OLIVOM	2	c	h	0.81	6.40	3.48	0.0403
83	LIANG	1	f	t	0.19	31.05	0.41	0.2945
84	BRENNE	12	c	t	-0.23	26.24	2.38	0.2434
89	EPICC	5	c	t	0.29	14.75	0.71	0.2610

Relative risks

	N	38
	NS	33
	Wt	720.64
Het	Chi	101.96
Het	df	37
Het	P	***
Fixed	RR	1.08
	RR1	1.00
	RRu	1.16
	P	+
Random	RR	1.16
	RR1	1.02
	RRu	1.32
	P	+
Asymm	P	*

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 Within each study, results are selected according to the following order of preference:

1) CHI : a, b/e, p, m, f, o, other                      3) UNX : 6, 2, 7, 1, other

2) TYP : t, g, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Where more than one time period within childhood was available, the index relating to the youngest exposure was used.

Table 96  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 08-DEC-11  
 All household members, if available - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	9	f -	-	-	-	0.91 ( 0.58-	1.42)
10	WU	4	f -	-	-	-	0.60 ( 0.20-	1.70)
14	GAO	9	f -	-	-	-	1.10 ( 0.70-	1.70)
16	KOO	7	f 4	11	84	126	0.55 ( 0.17-	1.77)
18	PERSHA	5	f -	-	-	-	1.00 ( 0.40-	2.30)
25	SVENSS	3	f 3	5	19	98	3.09 ( 0.68-	14.06)
26	JANERI	8	c134	123	57	68	1.30 ( 0.85-	2.00)
28	SOBUE	3	f 17	63	127	668	1.42 ( 0.80-	2.51)
31	BROWN2	9	f108	364	323	802	0.74 ( 0.57-	0.95)
32	STOCKW	6	f -	-	-	-	1.66 ( 0.80-	3.44)
35	FONTHA	17	f377	808	229	430	0.88 ( 0.72-	1.07)
38	KABAT2	9	m 25	76	15	41	0.90 ( 0.43-	1.89)
38	KABAT2	10	f 47	106	22	81	1.63 ( 0.91-	2.92)
Subtotal 38							1.30 ( 0.82-	2.06)
40	SUN	7	f -	-	-	-	2.29 ( 1.56-	3.37)
42	WANGT	3	f 80	83	55	52	0.91 ( 0.56-	1.48)
46	BOFFET	5	m 75	321	65	201	0.72 ( 0.50-	1.05)
46	BOFFET	29	f314	700	187	295	0.71 ( 0.56-	0.89)
Subtotal 46							0.71 ( 0.59-	0.86)
48	ZARIDZ	9	f 92	178	97	180	0.96 ( 0.67-	1.36)
49	BOFFE2	1	c 33	110	32	55	0.52 ( 0.29-	0.92)
51	RAPITI	21	m 1	14	16	42	0.19 ( 0.02-	1.54)
51	RAPITI	15	f 30	16	11	51	8.69 ( 3.57-	21.18)
Subtotal 51							4.87 ( 2.14-	11.05)
53	ZHONG	7	f227	270	277	331	1.00 ( 0.79-	1.27)
54	LEECH	15	f117	127	151	318	1.94 ( 1.41-	2.66)
56	WANGL	17	m 20	56	12	58	1.73 ( 0.77-	3.86)
56	WANGL	19	f132	247	64	160	1.34 ( 0.93-	1.91)
Subtotal 56							1.39 ( 1.00-	1.93)
57	JOHNSO	3	f 48	467	23	294	1.31 ( 0.78-	2.21)
60	OHNO	3	f 16	28	174	301	0.99 ( 0.52-	1.88)
61	RACHTA	1	f 17	43	37	208	2.22 ( 1.15-	4.31)
64	ZATLOU	9	f 46	394	38	495	1.52 ( 0.97-	2.38)
65	IARCKR	8	m -	-	-	-	0.97 ( 0.40-	2.30)
65	IARCKR	9	f -	-	-	-	0.90 ( 0.50-	1.40)
Subtotal 65							0.92 ( 0.59-	1.43)
72	WEN	12	f -	-	-	-	0.88 ( 0.55-	1.43)
79	KURAHA	45	f -	-	-	-	0.93 ( 0.52-	1.66)
80	YANG	3	c 98	135	74	154	1.51 ( 1.03-	2.21)
81	OLIVOM	1	c 28	61	17	73	1.97 ( 0.99-	3.94)
83	LIANG	1	f124	140	102	139	1.21 ( 0.85-	1.72)
84	BRENNE	12	c 93	298	58	148	0.80 ( 0.54-	1.17)
89	EPICC	5	c -	-	-	-	1.34 ( 0.80-	2.22)
Partial Totals			2306	5244	2366	5869		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
8	GARFI2	9	f	t	-0.09	19.17	0.42	0.6797
10	WU	4	f	a	-0.51	3.36	1.07	0.3494
14	GAO	9	f	t	0.10	19.52	0.03	0.6737
16	KOO	7	f	t	-0.61	2.77	1.21	0.3129
18	PERSHA	5	f	t	0.00	5.02	0.01	1.0000
25	SVENSS	3	f	t	1.13	1.68	1.94	0.1434
26	JANERI	8	c	t	0.26	20.90	0.91	0.2308
28	SOBUE	3	f	t	0.35	11.90	1.05	0.2271
31	BROWN2	9	f	t	-0.31	61.16	7.89	0.0169
32	STOCKW	6	f	t	0.51	7.22	1.48	0.1732
35	FONTHA	17	f	t	-0.13	94.50	3.27	0.1986
38	KABAT2	9	m	t	-0.11	6.93	0.18	0.7795
38	KABAT2	10	f	t	0.49	11.30	2.15	0.0995
Subtotal 38					0.26	18.23	2.33	
40	SUN	7	f	t	0.83	25.90	15.55	0.0000
42	WANGT	3	f	t	-0.09	16.14	0.35	0.7090
46	BOFFET	5	m	t	-0.33	27.17	3.90	0.0902

Within each study, results are selected according to the following order of preference:

- 1) CHI : a, b/e, p, m, f, o, other
- 2) TYP : t, g, other
- 3) UNX : 6, 2, 7, 1, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Where more than one time period within childhood was available, the index relating to the youngest exposure was used.

Table 96  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 08-DEC-11  
 All household members, if available - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
46	BOFFET	29	f	t	-0.35	74.90	11.95	0.0028
Subtotal 46					-0.34	102.07	15.85	
48	ZARIDZ	9	f	t	-0.04	30.91	0.28	0.8165
49	BOFFE2	1	c	a	-0.66	11.26	5.77	0.0263
51	RAPITI	21	m	t	-1.67	0.86	2.58	0.1198
51	RAPITI	15	f	t	2.16	4.85	21.55	0.0000
Subtotal 51					1.58	5.71	24.13	
53	ZHONG	7	f	t	0.00	67.84	0.16	0.9696
54	LEECH	15	f	t	0.66	38.19	14.17	0.0000
56	WANGL	17	m	t	0.55	5.94	1.44	0.1835
56	WANGL	19	f	t	0.29	29.85	1.66	0.1135
Subtotal 56					0.33	35.79	3.10	
57	JOHNSO	3	f	t	0.27	14.32	0.69	0.3017
60	OHNO	3	f	t	-0.01	9.32	0.04	0.9718
61	RACHTA	1	f	t	0.80	8.78	4.87	0.0180
64	ZATLOU	9	f	g	0.42	19.01	2.54	0.0676
65	IARCKR	8	m	t	-0.03	5.02	0.04	0.9456
65	IARCKR	9	f	t	-0.11	14.49	0.37	0.6883
Subtotal 65					-0.09	19.52	0.40	
72	WEN	12	f	t	-0.13	16.83	0.55	0.6000
79	KURAHA	45	f	t	-0.07	11.40	0.18	0.8064
80	YANG	3	c	t	0.41	26.58	3.42	0.0334
81	OLIVOM	1	c	h	0.68	8.02	3.13	0.0546
83	LIANG	1	f	t	0.19	31.05	0.56	0.2945
84	BRENNE	12	c	t	-0.23	26.24	2.08	0.2434
89	EPICC	5	c	t	0.29	14.75	0.84	0.2610

Relative risks

	N	38
	NS	33
	Wt	805.05
Het	Chi	120.29
Het	df	37
Het	P	***
Fixed	RR	1.06
	RRl	0.98
	RRu	1.13
	P	N.S.
Random	RR	1.14
	RRl	0.99
	RRu	1.31
	P	(+)
Asymm	P	(*)

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 Within each study, results are selected according to the following order of preference:

1) CHI : a, b/e, p, m, f, o, other                      3) UNX : 6, 2, 7, 1, other

2) TYP : t, g, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Where more than one time period within childhood was available, the index relating to the youngest exposure was used.

Table 97  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 08-DEC-11  
 All household members, if available - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	9	f -	-	-	-	0.91 ( 0.58-	1.42)
10	WU	4	f -	-	-	-	0.60 ( 0.20-	1.70)
26	JANERI	13	c -	-	-	-	1.33 ( 0.86-	2.06)
31	BROWN2	10	f -	-	-	-	0.80 ( 0.60-	1.10)
32	STOCKW	6	f -	-	-	-	1.66 ( 0.80-	3.44)
35	FONTHA	18	f -	-	-	-	0.89 ( 0.72-	1.10)
38	KABAT2	9	m 25	76	15	41	0.90 ( 0.43-	1.89)
38	KABAT2	10	f 47	106	22	81	1.63 ( 0.91-	2.92)
Subtotal 38							1.30 ( 0.82-	2.06)
57	JOHNSO	4	f -	-	-	-	1.38 ( 0.81-	2.34)
80	YANG	4	c -	-	-	-	1.47 ( 1.00-	2.15)
81	OLIVOM	2	c -	-	-	-	2.25 ( 1.04-	4.90)
84	BRENNE	12	c 93	298	58	148	0.80 ( 0.54-	1.17)
Partial Totals			165	480	95	270		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
18	PERSHA	5	f -	-	-	-	1.00 ( 0.40-	2.30)
25	SVENSS	4	f -	-	-	-	3.30 ( 0.50-	18.80)
46	BOFFET	28	m -	-	-	-	0.79 ( 0.52-	1.21)
46	BOFFET	30	f -	-	-	-	0.77 ( 0.61-	0.98)
Subtotal 46							0.77 ( 0.63-	0.95)
48	ZARIDZ	10	f -	-	-	-	0.92 ( 0.64-	1.32)
49	BOFFE2	2	c -	-	-	-	0.60 ( 0.30-	1.20)
61	RACHTA	2	f -	-	-	-	3.31 ( 1.26-	8.69)
64	ZATLOU	12	f -	-	-	-	1.61 ( 1.01-	2.57)
65	IARCKR	8	m -	-	-	-	0.97 ( 0.40-	2.30)
65	IARCKR	9	f -	-	-	-	0.90 ( 0.50-	1.40)
Subtotal 65							0.92 ( 0.59-	1.43)
89	EPICC	5	c -	-	-	-	1.34 ( 0.80-	2.22)
Partial Totals			0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
14	GAO	9	f -	-	-	-	1.10 ( 0.70-	1.70)
16	KOO	11	f -	-	-	-	0.56 ( 0.21-	1.50)
28	SOBUE	4	f -	-	-	-	1.28 ( 0.71-	2.31)
40	SUN	7	f -	-	-	-	2.29 ( 1.56-	3.37)
42	WANGT	3	f 80	83	55	52	0.91 ( 0.56-	1.48)
51	RAPITI	22	m -	-	-	-	1.09 ( 0.38-	3.18)
51	RAPITI	16	f -	-	-	-	12.00 ( 4.30-	32.00)
Subtotal 51							3.87 ( 1.87-	8.03)
53	ZHONG	8	f -	-	-	-	0.93 ( 0.72-	1.20)
54	LEECH	16	f -	-	-	-	2.10 ( 1.40-	3.14)
56	WANGL	18	m -	-	-	-	1.46 ( 0.60-	3.70)
56	WANGL	20	f -	-	-	-	1.51 ( 1.00-	2.20)
Subtotal 56							1.50 ( 1.05-	2.16)
60	OHNO	4	f -	-	-	-	1.00 ( 0.51-	1.98)
72	WEN	12	f -	-	-	-	0.88 ( 0.55-	1.43)
79	KURAHA	45	f -	-	-	-	0.93 ( 0.52-	1.66)
83	LIANG	1	f124	140	102	139	1.21 ( 0.85-	1.72)
Partial Totals			204	223	157	191		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) CHI : a, b/e, p, m, f, o, other                      3) UNX : 6, 2, 7, 1, other
- 2) TYP : t, g, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Where more than one time period within childhood was available, the index relating to the youngest exposure was used.

Table 97  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 08-DEC-11  
 All household members, if available - both sexes  
 By continent - adjusted

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	12	11	15		38
NS	11	9	13		33
Wt	268.00	189.42	263.22		720.64
Het Chi	21.35	20.37	49.57		101.96
Het df	11	10	14		37
Het P	*	*	***		***
Fixed RR	1.02	0.94	1.26		1.08
RRl	0.90	0.81	1.11		1.00
RRu	1.15	1.08	1.42		1.16
P	N.S.	N.S.	+++		+
Random RR	1.09	1.02	1.31		1.16
RRl	0.91	0.81	1.02		1.02
RRu	1.32	1.29	1.67		1.32
P	N.S.	N.S.	+		+
Asymm P	N.S.	(*)	N.S.		*
Between Chi		0.76	5.80		10.66
Between df		1	1		2
Between P		N.S.	+	N.S.	**

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 Within each study, results are selected according to the following order of preference:

1) CHI : a, b/e, p, m, f, o, other                      3) UNX : 6, 2, 7, 1, other

2) TYP : t, g, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Where more than one time period within childhood was available, the index relating to the youngest exposure was used.

Table 98  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 08-DEC-11  
 All household members, if available - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	9	f -	-	-	-	0.91 ( 0.58-	1.42)
10	WU	4	f -	-	-	-	0.60 ( 0.20-	1.70)
26	JANERI	8	c134	123	57	68	1.30 ( 0.85-	2.00)
31	BROWN2	9	f108	364	323	802	0.74 ( 0.57-	0.95)
32	STOCKW	6	f -	-	-	-	1.66 ( 0.80-	3.44)
35	FONTHA	17	f377	808	229	430	0.88 ( 0.72-	1.07)
38	KABAT2	9	m 25	76	15	41	0.90 ( 0.43-	1.89)
38	KABAT2	10	f 47	106	22	81	1.63 ( 0.91-	2.92)
Subtotal 38							1.30 ( 0.82-	2.06)
57	JOHNSO	3	f 48	467	23	294	1.31 ( 0.78-	2.21)
80	YANG	3	c 98	135	74	154	1.51 ( 1.03-	2.21)
81	OLIVOM	1	c 28	61	17	73	1.97 ( 0.99-	3.94)
84	BRENNE	12	c 93	298	58	148	0.80 ( 0.54-	1.17)
Partial Totals			958	2438	818	2091		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
18	PERSHA	5	f -	-	-	-	1.00 ( 0.40-	2.30)
25	SVENSS	3	f 3	5	19	98	3.09 ( 0.68-	14.06)
46	BOFFET	5	m 75	321	65	201	0.72 ( 0.50-	1.05)
46	BOFFET	29	f314	700	187	295	0.71 ( 0.56-	0.89)
Subtotal 46							0.71 ( 0.59-	0.86)
48	ZARIDZ	9	f 92	178	97	180	0.96 ( 0.67-	1.36)
49	BOFFE2	1	c 33	110	32	55	0.52 ( 0.29-	0.92)
61	RACHTA	1	f 17	43	37	208	2.22 ( 1.15-	4.31)
64	ZATLOU	9	f 46	394	38	495	1.52 ( 0.97-	2.38)
65	IARCKR	8	m -	-	-	-	0.97 ( 0.40-	2.30)
65	IARCKR	9	f -	-	-	-	0.90 ( 0.50-	1.40)
Subtotal 65							0.92 ( 0.59-	1.43)
89	EPICC	5	c -	-	-	-	1.34 ( 0.80-	2.22)
Partial Totals			580	1751	475	1532		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
14	GAO	9	f -	-	-	-	1.10 ( 0.70-	1.70)
16	KOO	7	f 4	11	84	126	0.55 ( 0.17-	1.77)
28	SOBUE	3	f 17	63	127	668	1.42 ( 0.80-	2.51)
40	SUN	7	f -	-	-	-	2.29 ( 1.56-	3.37)
42	WANGT	3	f 80	83	55	52	0.91 ( 0.56-	1.48)
51	RAPITI	21	m 1	14	16	42	0.19 ( 0.02-	1.54)
51	RAPITI	15	f 30	16	11	51	8.69 ( 3.57-	21.18)
Subtotal 51							4.87 ( 2.14-	11.05)
53	ZHONG	7	f227	270	277	331	1.00 ( 0.79-	1.27)
54	LEECH	15	f117	127	151	318	1.94 ( 1.41-	2.66)
56	WANGL	17	m 20	56	12	58	1.73 ( 0.77-	3.86)
56	WANGL	19	f132	247	64	160	1.34 ( 0.93-	1.91)
Subtotal 56							1.39 ( 1.00-	1.93)
60	OHNO	3	f 16	28	174	301	0.99 ( 0.52-	1.88)
72	WEN	12	f -	-	-	-	0.88 ( 0.55-	1.43)
79	KURAHA	45	f -	-	-	-	0.93 ( 0.52-	1.66)
83	LIANG	1	f124	140	102	139	1.21 ( 0.85-	1.72)
Partial Totals			768	1055	1073	2246		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) CHI : a, b/e, p, m, f, o, other                      3) UNX : 6, 2, 7, 1, other  
 2) TYP : t, g, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Where more than one time period within childhood was available, the index relating to the youngest exposure was used.

Table 98  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 08-DEC-11  
 All household members, if available - both sexes  
 By continent - unadjusted

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	12	11	15		38
	NS	11	9	13		33
	Wt	299.70	212.99	292.36		805.05
	Het Chi	25.00	26.63	49.61		120.29
	Het df	11	10	14		37
	Het P	**	**	***		***
Fixed	RR	0.98	0.89	1.29		1.06
	RRl	0.87	0.78	1.15		0.98
	RRu	1.10	1.02	1.44		1.13
	P	N.S.	N.S.	+++		N.S.
Random	RR	1.07	1.00	1.30		1.14
	RRl	0.89	0.78	1.02		0.99
	RRu	1.31	1.28	1.65		1.31
	P	N.S.	N.S.	+		(+)
Asymm	P	(*)	(*)	N.S.		(*)
Between	Chi		1.03	11.05		19.05
Between	df		1	1		2
Between	P		N.S.	+++	N.S.	***

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 Within each study, results are selected according to the following order of preference:

1) CHI : a, b/e, p, m, f, o, other                      3) UNX : 6, 2, 7, 1, other

2) TYP : t, g, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Where more than one time period within childhood was available, the index relating to the youngest exposure was used.

Table 99  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 08-DEC-11  
 Mother (specifically) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
25	SVENSS	4	f	-	-	-	3.30 ( 0.50- 18.80)	
28	SOBUE	4	f	-	-	-	1.28 ( 0.71- 2.31)	
35	FONTHA	14	f	-	-	-	0.86 ( 0.62- 1.18)	
46	BOFFET	36	m	-	-	-	1.02 ( 0.39- 2.68)	
46	BOFFET	38	f	-	-	-	0.84 ( 0.47- 1.48)	
Subtotal 46							0.88 ( 0.54- 1.45)	
49	BOFFE2	6	c	-	-	-	0.40 ( 0.09- 1.80)	
51	RAPITI	20	f	-	-	-	5.60 ( 1.00- 32.00)	
54	LEECH	4	f	-	-	-	0.90 ( 0.32- 2.53)	
60	OHNO	4	f	-	-	-	1.00 ( 0.51- 1.98)	
Partial Totals			0	0	0	0		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
25	SVENSS	4	f	t	1.19	1.17	1.78	0.1969
28	SOBUE	4	f	t	0.25	11.04	0.91	0.4121
35	FONTHA	14	f	t	-0.15	37.10	0.46	0.3583
46	BOFFET	36	m	t	0.02	4.14	0.01	0.9679
46	BOFFET	38	f	t	-0.17	11.68	0.21	0.5513
Subtotal 46					-0.12	15.81	0.23	
49	BOFFE2	6	c	a	-0.92	1.71	1.32	0.2305
51	RAPITI	20	f	t	1.72	1.28	3.97	0.0514
54	LEECH	4	f	t	-0.11	3.59	0.02	0.8417
60	OHNO	4	f	t	0.00	8.35	0.01	1.0000

Relative risks

	N	9
	NS	8
	Wt	80.06
Het	Chi	8.69
Het	df	8
Het	P	N.S.
Fixed	RR	0.96
	RRl	0.77
	RRu	1.20
	P	N.S.
Random	RR	0.98
	RRl	0.77
	RRu	1.25
	P	N.S.
Asymm	P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) UNX : 6, 2, 7, 1, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Where more than one time period within childhood was available, the index relating to the youngest exposure was used.



Table 100  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 08-DEC-11  
 Mother (specifically) - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
25	SVENSS	3	f 3	5	19	98	3.09 ( 0.68- 14.06)	
28	SOBUE	3	f 17	63	127	668	1.42 ( 0.80- 2.51)	
35	FONTHA	13	f 76	161	548	1079	0.93 ( 0.69- 1.24)	
46	BOFFET	35	m 11	26	65	201	1.31 ( 0.61- 2.79)	
46	BOFFET	37	f 26	54	187	295	0.76 ( 0.46- 1.26)	
Subtotal 46							0.90 ( 0.59- 1.36)	
49	BOFFE2	5	c 3	18	32	55	0.29 ( 0.08- 1.05)	
51	RAPITI	19	f 5	3	11	51	7.73 ( 1.60- 37.24)	
54	LEECH	3	f 8	9	260	436	1.49 ( 0.57- 3.91)	
60	OHNO	3	f 16	28	174	301	0.99 ( 0.52- 1.88)	
Totals			165	367	1423	3184		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
25	SVENSS	3	f	t	1.13	1.68	2.06	0.1434
28	SOBUE	3	f	t	0.35	11.90	1.28	0.2271
35	FONTHA	13	f	t	-0.07	45.21	0.42	0.6228
46	BOFFET	35	m	t	0.27	6.68	0.40	0.4874
46	BOFFET	37	f	t	-0.28	15.22	1.35	0.2834
Subtotal 46					-0.11	21.90	1.75	
49	BOFFE2	5	c	a	-1.25	2.28	3.70	0.0590
51	RAPITI	19	f	t	2.04	1.55	6.35	0.0108
54	LEECH	3	f	t	0.40	4.13	0.58	0.4174
60	OHNO	3	f	t	-0.01	9.32	0.01	0.9718

Relative risks

	N	9
	NS	8
	Wt	97.96
Het	Chi	16.14
Het	df	8
Het	P	*
Fixed	RR	1.02
	RRl	0.84
	RRu	1.25
	P	N.S.
Random	RR	1.12
	RRl	0.80
	RRu	1.57
	P	N.S.
Asymm	P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) UNX : 6, 2, 7, 1, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Where more than one time period within childhood was available, the index relating to the youngest exposure was used.

Table 101  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 08-DEC-11  
 Mother (specifically) - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
35	FONTHA	14	f	-	-	-	-	0.86 ( 0.62- 1.18)
Partial Totals			0	0	0	0		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
25	SVENSS	4	f	-	-	-	-	3.30 ( 0.50- 18.80)
46	BOFFET	36	m	-	-	-	-	1.02 ( 0.39- 2.68)
46	BOFFET	38	f	-	-	-	-	0.84 ( 0.47- 1.48)
Subtotal 46								0.88 ( 0.54- 1.45)
49	BOFFE2	6	c	-	-	-	-	0.40 ( 0.09- 1.80)
Partial Totals			0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
28	SOBUE	4	f	-	-	-	-	1.28 ( 0.71- 2.31)
51	RAPITI	20	f	-	-	-	-	5.60 ( 1.00- 32.00)
54	LEECH	4	f	-	-	-	-	0.90 ( 0.32- 2.53)
60	OHNO	4	f	-	-	-	-	1.00 ( 0.51- 1.98)
Partial Totals			0	0	0	0		

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

N	1	4	4	9
NS	1	3	4	8
Wt	37.10	18.69	24.27	80.06
Het Chi	0.00	3.22	3.66	8.69
Het df	0	3	3	8
Het P	N.S.	N.S.	N.S.	N.S.
Fixed RR	0.86	0.89	1.21	0.96
RRl	0.62	0.57	0.81	0.77
RRu	1.19	1.40	1.80	1.20
P	N.S.	N.S.	N.S.	N.S.
Random RR	0.86	0.90	1.22	0.98
RRl	0.62	0.55	0.77	0.77
RRu	1.19	1.47	1.94	1.25
P	N.S.	N.S.	N.S.	N.S.
Asymm P	N.S.	N.S.	N.S.	N.S.
Between Chi		0.02	1.68	1.81
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

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 Within each study, results are selected according to the following order of preference:

1) UNX : 6, 2, 7, 1, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Where more than one time period within childhood was available, the index relating to the youngest exposure was used.

Table 102  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 08-DEC-11  
 Mother (specifically) - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
35	FONTHA	13	f 76	161	548	1079	0.93	( 0.69- 1.24)
Totals			76	161	548	1079		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
25	SVENSS	3	f 3	5	19	98	3.09	( 0.68- 14.06)
46	BOFFET	35	m 11	26	65	201	1.31	( 0.61- 2.79)
46	BOFFET	37	f 26	54	187	295	0.76	( 0.46- 1.26)
Subtotal 46							0.90	( 0.59- 1.36)
49	BOFFE2	5	c 3	18	32	55	0.29	( 0.08- 1.05)
Totals			43	103	303	649		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
28	SOBUE	3	f 17	63	127	668	1.42	( 0.80- 2.51)
51	RAPITI	19	f 5	3	11	51	7.73	( 1.60- 37.24)
54	LEECH	3	f 8	9	260	436	1.49	( 0.57- 3.91)
60	OHNO	3	f 16	28	174	301	0.99	( 0.52- 1.88)
Totals			46	103	572	1456		

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

	N	1	4	4	9
	NS	1	3	4	8
	Wt	45.21	25.85	26.90	97.96
Het	Chi	0.00	6.91	5.68	16.14
Het	df	0	3	3	8
Het	P	N.S.	(*)	N.S.	*
Fixed	RR	0.93	0.88	1.39	1.02
	RRl	0.69	0.60	0.95	0.84
	RRu	1.24	1.29	2.03	1.25
	P	N.S.	N.S.	(+)	N.S.
Random	RR	0.93	0.92	1.53	1.12
	RRl	0.69	0.46	0.86	0.80
	RRu	1.24	1.84	2.69	1.57
	P	N.S.	N.S.	N.S.	N.S.
Asymm	P		N.S.	N.S.	N.S.
Between	Chi		0.05	2.74	3.56
Between	df		1	1	2
Between	P		N.S.	(+)	N.S.

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 Within each study, results are selected according to the following order of preference:

1) UNX : 6, 2, 7, 1, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Where more than one time period within childhood was available, the index relating to the youngest exposure was used.

Table 103  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 08-DEC-11  
 Father (specifically) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
25	SVENSS	8	f	-	-	-	0.90	( 0.40-	2.30)
28	SOBUE	6	f	-	-	-	0.79	( 0.52-	1.21)
35	FONTHA	12	f	-	-	-	0.83	( 0.67-	1.02)
46	BOFFET	40	m	-	-	-	0.75	( 0.48-	1.17)
46	BOFFET	42	f	-	-	-	0.75	( 0.59-	0.96)
Subtotal 46							0.75	( 0.61-	0.93)
48	ZARIDZ	10	f	-	-	-	0.92	( 0.64-	1.32)
49	BOFFE2	4	c	-	-	-	0.70	( 0.30-	1.30)
51	RAPITI	24	m	-	-	-	1.07	( 0.36-	3.21)
51	RAPITI	18	f	-	-	-	17.00	( 5.70-	47.00)
Subtotal 51							4.49	( 2.10-	9.58)
54	LEECH	2	f	-	-	-	1.22	( 0.85-	1.74)
60	OHNO	2	f	-	-	-	1.12	( 0.75-	1.67)
Partial Totals			0	0	0	0			

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
25	SVENSS	8	f	t	-0.11	5.02	0.00	0.8133
28	SOBUE	6	f	t	-0.24	21.54	0.34	0.2739
35	FONTHA	12	f	t	-0.19	86.99	0.51	0.0822
46	BOFFET	40	m	t	-0.29	19.36	0.61	0.2056
46	BOFFET	42	f	t	-0.29	64.84	2.05	0.0205
Subtotal 46					-0.29	84.20	2.66	
48	ZARIDZ	10	f	t	-0.08	29.32	0.02	0.6516
49	BOFFE2	4	c	a	-0.36	7.15	0.44	0.3403
51	RAPITI	24	m	t	0.07	3.21	0.10	0.9035
51	RAPITI	18	f	t	2.83	3.45	29.90	0.0000
Subtotal 51					1.50	6.66	30.00	
54	LEECH	2	f	t	0.20	29.94	2.85	0.2766
60	OHNO	2	f	t	0.11	23.98	1.19	0.5789

Relative risks

	N	11
	NS	9
	Wt	294.80
Het	Chi	38.02
Het	df	10
Het	P	***
Fixed	RR	0.90
	RRl	0.80
	RRu	1.00
	P	(-)
Random	RR	1.00
	RRl	0.78
	RRu	1.29
	P	N.S.
Asymm	P	N.S.

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 Within each study, results are selected according to the following order of preference:

1) UNX : 6, 2, 7, 1, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Where more than one time period within childhood was available, the index relating to the youngest exposure was used.

Table 104  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 08-DEC-11  
 Father (specifically) - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
25	SVENSS	7	f 12	71	19	98	0.87 ( 0.40-	1.91)
28	SOBUE	5	f109	588	35	143	0.76 ( 0.50-	1.16)
35	FONTHA	11	f304	669	299	556	0.84 ( 0.70-	1.03)
46	BOFFET	39	m 62	275	65	201	0.70 ( 0.47-	1.03)
46	BOFFET	41	f271	623	187	295	0.69 ( 0.54-	0.87)
Subtotal 46							0.69 ( 0.56-	0.84)
48	ZARIDZ	9	f 92	178	97	180	0.96 ( 0.67-	1.36)
49	BOFFE2	3	c 33	101	32	55	0.56 ( 0.31-	1.01)
51	RAPITI	23	m 1	13	16	42	0.20 ( 0.02-	1.67)
51	RAPITI	17	f 30	11	11	51	12.64 ( 4.89-	32.68)
Subtotal 51							6.31 ( 2.65-	15.01)
54	LEECH	1	f132	200	136	245	1.19 ( 0.88-	1.61)
60	OHNO	1	f115	195	70	131	1.10 ( 0.76-	1.60)
Totals			1161	2924	967	1997		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
25	SVENSS	7	f	t	-0.14	6.24	0.00	0.7317
28	SOBUE	5	f	t	-0.28	21.53	0.41	0.1972
35	FONTHA	11	f	t	-0.17	100.73	0.08	0.0909
46	BOFFET	39	m	t	-0.36	24.92	1.21	0.0717
46	BOFFET	41	f	t	-0.38	71.26	3.97	0.0015
Subtotal 46					-0.37	96.18	5.18	
48	ZARIDZ	9	f	t	-0.04	30.91	0.30	0.8165
49	BOFFE2	3	c	a	-0.58	11.16	2.13	0.0539
51	RAPITI	23	m	t	-1.60	0.86	1.83	0.1380
51	RAPITI	17	f	t	2.54	4.26	30.54	0.0000
Subtotal 51					1.84	5.12	32.37	
54	LEECH	1	f	t	0.17	41.65	4.09	0.2640
60	OHNO	1	f	t	0.10	27.98	1.60	0.6019

Relative risks

	N	11
	NS	9
	Wt	341.50
Het	Chi	46.16
Het	df	10
Het	P	***
Fixed	RR	0.87
	RRl	0.78
	RRu	0.97
	P	--
Random	RR	0.94
	RRl	0.72
	RRu	1.22
	P	N.S.
Asymm	P	N.S.

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 Within each study, results are selected according to the following order of preference:

1) UNX : 6, 2, 7, 1, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Where more than one time period within childhood was available, the index relating to the youngest exposure was used.

Table 105  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 08-DEC-11  
 Father (specifically) - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
35	FONTHA	12	f -	-	-	-	0.83 ( 0.67-	1.02)
Partial Totals			0	0	0	0		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
25	SVENSS	8	f -	-	-	-	0.90 ( 0.40-	2.30)
46	BOFFET	40	m -	-	-	-	0.75 ( 0.48-	1.17)
46	BOFFET	42	f -	-	-	-	0.75 ( 0.59-	0.96)
Subtotal 46							0.75 ( 0.61-	0.93)
48	ZARIDZ	10	f -	-	-	-	0.92 ( 0.64-	1.32)
49	BOFFE2	4	c -	-	-	-	0.70 ( 0.30-	1.30)
Partial Totals			0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
28	SOBUE	6	f -	-	-	-	0.79 ( 0.52-	1.21)
51	RAPITI	24	m -	-	-	-	1.07 ( 0.36-	3.21)
51	RAPITI	18	f -	-	-	-	17.00 ( 5.70-	47.00)
Subtotal 51							4.49 ( 2.10-	9.58)
54	LEECH	2	f -	-	-	-	1.22 ( 0.85-	1.74)
60	OHNO	2	f -	-	-	-	1.12 ( 0.75-	1.67)
Partial Totals			0	0	0	0		

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

	N	1	5	5	11
	NS	1	4	4	9
	Wt	86.99	125.68	82.12	294.80
Het	Chi	0.00	1.10	28.17	38.02
Het	df	0	4	4	10
Het	P	N.S.	N.S.	***	***
Fixed	RR	0.83	0.79	1.18	0.90
	RRl	0.67	0.66	0.95	0.80
	RRu	1.02	0.94	1.46	1.00
	P	(-)	--	N.S.	(-)
Random	RR	0.83	0.79	1.58	1.00
	RRl	0.67	0.66	0.83	0.78
	RRu	1.02	0.94	3.00	1.29
	P	(-)	--	N.S.	N.S.
Asymm	P		N.S.	N.S.	N.S.
Between	Chi		0.13	5.23	8.76
Between	df		1	1	2
Between	P		N.S.	+	N.S.

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 Within each study, results are selected according to the following order of preference:

1) UNX : 6, 2, 7, 1, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Where more than one time period within childhood was available, the index relating to the youngest exposure was used.

Table 106  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 08-DEC-11  
 Father (specifically) - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
35	FONTHA	11	f304	669	299	556	0.84	( 0.70- 1.03)
Totals			304	669	299	556		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
25	SVENSS	7	f 12	71	19	98	0.87	( 0.40- 1.91)
46	BOFFET	39	m 62	275	65	201	0.70	( 0.47- 1.03)
46	BOFFET	41	f271	623	187	295	0.69	( 0.54- 0.87)
Subtotal 46							0.69	( 0.56- 0.84)
48	ZARIDZ	9	f 92	178	97	180	0.96	( 0.67- 1.36)
49	BOFFE2	3	c 33	101	32	55	0.56	( 0.31- 1.01)
Totals			470	1248	400	829		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
28	SOBUE	5	f109	588	35	143	0.76	( 0.50- 1.16)
51	RAPITI	23	m 1	13	16	42	0.20	( 0.02- 1.67)
51	RAPITI	17	f 30	11	11	51	12.64	( 4.89- 32.68)
Subtotal 51							6.31	( 2.65- 15.01)
54	LEECH	1	f132	200	136	245	1.19	( 0.88- 1.61)
60	OHNO	1	f115	195	70	131	1.10	( 0.76- 1.60)
Totals			387	1007	268	612		

\*prospective study

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	1	5	5		11
	NS	1	4	4		9
	Wt	100.73	144.49	96.28		341.50
	Het Chi	0.00	3.58	30.94		46.16
	Het df	0	4	4		10
	Het P	N.S.	N.S.	***		***
	Fixed RR	0.84	0.74	1.15		0.87
	RRl	0.70	0.62	0.94		0.78
	RRu	1.03	0.87	1.40		0.97
	P	(-)	---	N.S.		--
	Random RR	0.84	0.74	1.39		0.94
	RRl	0.70	0.62	0.72		0.72
	RRu	1.03	0.87	2.68		1.22
	P	(-)	---	N.S.		N.S.
	Asymm P		N.S.	N.S.		N.S.
	Between Chi		1.15	4.66		11.64
	Between df		1	1		2
	Between P		N.S.	+	N.S.	**

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 Within each study, results are selected according to the following order of preference:  
 1) UNX : 6, 2, 7, 1, other  
 See page 2 of this report for a key to the meanings of the variable names and their values.  
 Where more than one time period within childhood was available, the index relating to the youngest exposure was used.

Table 107  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 08-DEC-11  
 Parents (specifically) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
10	WU	4	f	-	-	-	0.60	( 0.20-	1.70)
16	KOO	11	f	-	-	-	0.56	( 0.21-	1.50)
18	PERSHA	5	f	-	-	-	1.00	( 0.40-	2.30)
31	BROWN2	12	f	-	-	-	0.70	( 0.50-	0.90)
49	BOFFE2	2	c	-	-	-	0.60	( 0.30-	1.20)
65	IARCKR	8	m	-	-	-	0.97	( 0.40-	2.30)
65	IARCKR	9	f	-	-	-	0.90	( 0.50-	1.40)
Subtotal 65							0.92	( 0.59-	1.43)
89	EPICC	2	c	-	-	-	0.97	( 0.64-	1.50)
Partial Totals			0	0	0	0			

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
10	WU	4	f	a	-0.51	3.36	0.23	0.3494
16	KOO	11	f	t	-0.58	3.98	0.43	0.2477
18	PERSHA	5	f	t	0.00	5.02	0.31	1.0000
31	BROWN2	12	f	t	-0.36	44.48	0.51	0.0174
49	BOFFE2	2	c	a	-0.51	8.00	0.55	0.1486
65	IARCKR	8	m	t	-0.03	5.02	0.24	0.9456
65	IARCKR	9	f	t	-0.11	14.49	0.30	0.6883
Subtotal 65					-0.09	19.52	0.54	
89	EPICC	2	c	t	-0.03	21.18	1.01	0.8885

Relative risks

	N	8
	NS	7
	Wt	105.52
Het	Chi	3.59
Het	df	7
Het	P	N.S.
Fixed	RR	0.78
	RRl	0.64
	RRu	0.94
	P	-
Random	RR	0.78
	RRl	0.64
	RRu	0.94
	P	-
Asymm	P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) UNX : 6, 2, 7, 1, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Where more than one time period within childhood was available, the index relating to the youngest exposure was used.



Table 108  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 08-DEC-11  
 Parents (specifically) - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
10	WU	4	f -	-	-	-	0.60 (	0.20- 1.70)
16	KOO	7	f 4	11	84	126	0.55 (	0.17- 1.77)
18	PERSHA	5	f -	-	-	-	1.00 (	0.40- 2.30)
31	BROWN2	11	f 74	289	357	877	0.63 (	0.47- 0.84)
49	BOFFE2	1	c 33	110	32	55	0.52 (	0.29- 0.92)
65	IARCKR	8	m -	-	-	-	0.97 (	0.40- 2.30)
65	IARCKR	9	f -	-	-	-	0.90 (	0.50- 1.40)
Subtotal 65							0.92 (	0.59- 1.43)
89	EPICC	1	c -	-	-	-	1.22 (	0.80- 1.86)
Partial Totals			111	410	473	1058		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
10	WU	4	f	a	-0.51	3.36	0.19	0.3494
16	KOO	7	f	t	-0.61	2.77	0.31	0.3129
18	PERSHA	5	f	t	0.00	5.02	0.37	1.0000
31	BROWN2	11	f	t	-0.46	47.81	1.73	0.0013
49	BOFFE2	1	c	a	-0.66	11.26	1.71	0.0263
65	IARCKR	8	m	t	-0.03	5.02	0.30	0.9456
65	IARCKR	9	f	t	-0.11	14.49	0.41	0.6883
Subtotal 65					-0.09	19.52	0.70	
89	EPICC	1	c	t	0.20	21.59	4.81	0.3556

Relative risks

	N	8
	NS	7
	Wt	111.32
Het	Chi	9.82
Het	df	7
Het	P	N.S.
Fixed	RR	0.76
	RRl	0.63
	RRu	0.92
	P	--
Random	RR	0.78
	RRl	0.61
	RRu	1.00
	P	-
Asymm	P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) UNX : 6, 2, 7, 1, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Where more than one time period within childhood was available, the index relating to the youngest exposure was used.

Table 109  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 08-DEC-11  
 Parents (specifically) - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
10	WU	4	f -	-	-	-	0.60	( 0.20- 1.70)
31	BROWN2	12	f -	-	-	-	0.70	( 0.50- 0.90)
Partial Totals			0	0	0	0		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
18	PERSHA	5	f -	-	-	-	1.00	( 0.40- 2.30)
49	BOFFE2	2	c -	-	-	-	0.60	( 0.30- 1.20)
65	IARCKR	8	m -	-	-	-	0.97	( 0.40- 2.30)
65	IARCKR	9	f -	-	-	-	0.90	( 0.50- 1.40)
Subtotal 65							0.92	( 0.59- 1.43)
89	EPICC	2	c -	-	-	-	0.97	( 0.64- 1.50)
Partial Totals			0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
16	KOO	11	f -	-	-	-	0.56	( 0.21- 1.50)
Partial Totals			0	0	0	0		

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

	N	2	5	1	8
	NS	2	4	1	7
	Wt	47.83	53.71	3.98	105.52
Het	Chi	0.07	1.51	0.00	3.59
Het	df	1	4	0	7
Het	P	N.S.	N.S.	N.S.	N.S.
Fixed	RR	0.69	0.89	0.56	0.78
	RRl	0.52	0.68	0.21	0.64
	RRu	0.92	1.16	1.50	0.94
	P	-	N.S.	N.S.	-
Random	RR	0.69	0.89	0.56	0.78
	RRl	0.52	0.68	0.21	0.64
	RRu	0.92	1.16	1.50	0.94
	P	-	N.S.	N.S.	-
Asymm	P		N.S.		N.S.
Between	Chi		1.56	0.17	2.01
Between	df		1	1	2
Between	P		N.S.	N.S.	N.S.

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 Within each study, results are selected according to the following order of preference:

1) UNX : 6, 2, 7, 1, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Where more than one time period within childhood was available, the index relating to the youngest exposure was used.

Table 110  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 08-DEC-11  
 Parents (specifically) - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
10	WU	4	f -	-	-	-	0.60	( 0.20- 1.70)
31	BROWN2	11	f 74	289	357	877	0.63	( 0.47- 0.84)
Partial Totals			74	289	357	877		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
18	PERSHA	5	f -	-	-	-	1.00	( 0.40- 2.30)
49	BOFFE2	1	c 33	110	32	55	0.52	( 0.29- 0.92)
65	IARCKR	8	m -	-	-	-	0.97	( 0.40- 2.30)
65	IARCKR	9	f -	-	-	-	0.90	( 0.50- 1.40)
Subtotal 65							0.92	( 0.59- 1.43)
89	EPICC	1	c -	-	-	-	1.22	( 0.80- 1.86)
Partial Totals			33	110	32	55		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
16	KOO	7	f 4	11	84	126	0.55	( 0.17- 1.77)
Totals			4	11	84	126		

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

	N	2	5	1	8
	NS	2	4	1	7
	Wt	51.17	57.38	2.77	111.32
Het	Chi	0.01	5.55	0.00	9.82
Het	df	1	4	0	7
Het	P	N.S.	N.S.	N.S.	N.S.
Fixed	RR	0.63	0.92	0.55	0.76
	RRl	0.48	0.71	0.17	0.63
	RRu	0.82	1.19	1.77	0.92
	P	---	N.S.	N.S.	--
Random	RR	0.63	0.90	0.55	0.78
	RRl	0.48	0.65	0.17	0.61
	RRu	0.82	1.24	1.77	1.00
	P	---	N.S.	N.S.	-
Asymm	P		N.S.		N.S.
Between	Chi		3.95	0.05	4.27
Between	df		1	1	2
Between	P		+	N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) UNX : 6, 2, 7, 1, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Where more than one time period within childhood was available, the index relating to the youngest exposure was used.

Table 111  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Mother where no more comprehensive index available - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
7	KABAT1	5	m 6	5	19	20	1.26 ( 0.33-	4.84)
7	KABAT1	6	f 16	17	37	36	0.92 ( 0.40-	2.08)
Subtotal 7							1.00 ( 0.50-	2.02)
8	GARFI2	10	f 73	204	42	135	1.15 ( 0.74-	1.78)
12	LEE	13	m 3	32	9	101	1.05 ( 0.27-	4.12)
12	LEE	14	f 11	126	21	192	0.80 ( 0.37-	1.71)
Subtotal 12							0.85 ( 0.44-	1.66)
14	GAO	10	f -	-	-	-	0.90 ( 0.60-	1.40)
16	KOO	13	f -	-	-	-	1.47 ( 0.56-	3.82)
22	SHIMIZ	4	f 10	5	80	158	3.95 ( 1.31-	11.95)
24	HOLE	3	c -	-	-	-	2.41 ( 0.45-	12.83)
26	JANERI	11	c -	-	-	-	1.05 ( 0.62-	1.77)
27	KALAND	7	f 75	92	15	26	1.41 ( 0.70-	2.86)
29	WU-WIL	6	f343	515	74	87	0.78 ( 0.56-	1.10)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
31	BROWN2	14	f -	-	-	-	1.10 ( 0.80-	1.30)
32	STOCKW	7	f -	-	-	-	1.60 ( 0.84-	3.04)
35	FONTHA	20	f -	-	-	-	1.23 ( 0.96-	1.57)
38	KABAT2	13	m 13	34	28	83	1.13 ( 0.53-	2.45)
38	KABAT2	14	f 43	119	26	68	0.95 ( 0.53-	1.67)
Subtotal 38							1.01 ( 0.64-	1.59)
39	SCHWAR	8	c -	-	-	-	1.10 ( 0.80-	1.60)
40	SUN	8	f -	-	-	-	2.05 ( 1.29-	3.27)
43	CARDEN	17	m -	-	-	-	0.63 ( 0.23-	1.76)
43	CARDEN	18	f -	-	-	-	0.84 ( 0.55-	1.27)
Subtotal 43							0.81 ( 0.55-	1.19)
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44							1.56 ( 0.80-	3.06)
46	BOFFET	44	m -	-	-	-	1.45 ( 0.91-	2.33)
46	BOFFET	46	f -	-	-	-	1.01 ( 0.79-	1.29)
Subtotal 46							1.09 ( 0.88-	1.36)
48	ZARIDZ	12	f -	-	-	-	0.91 ( 0.58-	1.42)
53	ZHONG	20	f -	-	-	-	1.08 ( 0.82-	1.41)
54	LEECH	10	f -	-	-	-	0.80 ( 0.51-	1.24)
56	WANGL	2	m -	-	-	-	1.22 ( 0.50-	3.30)
56	WANGL	4	f -	-	-	-	1.15 ( 0.60-	2.10)
Subtotal 56							1.17 ( 0.69-	1.97)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
58	LAGARD	6	c -	-	-	-	1.15 ( 0.91-	1.45)
59	NISHIN	6	f -	-	-	-	0.87 ( 0.37-	2.01)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
66	MCGHEE	1	m -	-	-	-	1.34 ( 0.82-	2.17)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
Subtotal 66							1.36 ( 1.01-	1.85)
67	EPICA	7	c -	-	-	-	0.84 ( 0.38-	1.90)
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10-	3.00)
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60-	3.30)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
Subtotal 70							1.23 ( 0.75-	2.01)
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72-	2.61)
75	HILL1	3	m -	-	-	-	1.08 ( 0.56-	2.09)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)
Subtotal 75							1.04 ( 0.64-	1.69)
76	HILL2	1	m -	-	-	-	1.45 ( 0.75-	2.81)
76	HILL2	3	f -	-	-	-	1.38 ( 0.78-	2.41)
Subtotal 76							1.41 ( 0.92-	2.16)
77	ASOMAN	1	c114	393	24	73	0.88 ( 0.53-	1.46)
82	TSE	10	m -	-	-	-	0.90 ( 0.57-	1.41)
84	BRENNE	11	c109	341	42	105	0.80 ( 0.53-	1.21)
85	HOSSEI	15	m 9	34	17	136	2.12 ( 0.87-	5.16)
85	HOSSEI	16	f 15	30	40	89	1.11 ( 0.54-	2.29)

Within each study, results are selected according to the following order of preference:

- 1) HOU : a, x, p, m, q, f, r, s, c, y, b, other
- 2) TIM : e, a, z, y, w, f, v, c, other
- 3) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 111  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Mother where no more comprehensive index available - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
Subtotal 85							1.44 (	0.82- 2.52)
Partial Totals			1039	2658	597	1805		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
5	BUFFLE	1	m	t	-0.68	2.42	1.50	0.2896
5	BUFFLE	2	f	t	-0.22	5.19	0.54	0.6209
Subtotal 5					-0.36	7.61	2.04	
7	KABAT1	5	m	t	0.23	2.13	0.03	0.7331
7	KABAT1	6	f	t	-0.09	5.68	0.21	0.8339
Subtotal 7					-0.00	7.81	0.25	
8	GARFI2	10	f	t	0.14	20.07	0.02	0.5307
12	LEE	13	m	t	0.05	2.06	0.01	0.9419
12	LEE	14	f	t	-0.23	6.59	0.73	0.5627
Subtotal 12					-0.16	8.65	0.73	
14	GAO	10	f	t	-0.11	21.40	0.96	0.6259
16	KOO	13	f	t	0.39	4.17	0.32	0.4316
22	SHIMIZ	4	f	t	1.37	3.14	5.04	0.0150
24	HOLE	3	c	t	0.88	1.37	0.82	0.3034
26	JANERI	11	c	t	0.05	13.96	0.05	0.8553
27	KALAND	7	f	t	0.35	7.73	0.44	0.3363
29	WU-WIL	6	f	t	-0.24	33.48	4.12	0.1570
30	LIUZ	2	f	t	-0.26	4.36	0.59	0.5852
31	BROWN2	14	f	t	0.10	65.19	0.01	0.4416
32	STOCKW	7	f	t	0.47	9.29	1.23	0.1520
35	FONTHA	20	f	t	0.21	63.50	0.64	0.0990
38	KABAT2	13	m	t	0.13	6.49	0.00	0.7497
38	KABAT2	14	f	t	-0.06	11.79	0.31	0.8461
Subtotal 38					0.01	18.28	0.32	
39	SCHWAR	8	c	t	0.10	31.98	0.00	0.5899
40	SUN	8	f	t	0.72	17.76	6.64	0.0025
43	CARDEN	17	m	t	-0.46	3.71	1.20	0.3735
43	CARDEN	18	f	t	-0.17	21.94	1.73	0.4141
Subtotal 43					-0.22	25.65	2.93	
44	ZHENG	1	m	t	-0.41	3.07	0.80	0.4776
44	ZHENG	2	f	t	0.93	5.43	3.64	0.0310
Subtotal 44					0.45	8.50	4.45	
46	BOFFET	44	m	t	0.37	17.38	1.22	0.1213
46	BOFFET	46	f	t	0.01	63.90	0.59	0.9366
Subtotal 46					0.09	81.29	1.82	
48	ZARIDZ	12	f	t	-0.09	19.17	0.77	0.6797
53	ZHONG	20	f	t	0.08	52.30	0.05	0.5778
54	LEECH	10	f	t	-0.22	19.47	2.11	0.3249
56	WANGL	2	m	t	0.20	4.31	0.04	0.6796
56	WANGL	4	f	t	0.14	9.79	0.01	0.6619
Subtotal 56					0.16	14.11	0.05	
57	JOHNSO	8	f	t	0.18	8.94	0.05	0.5856
58	LAGARD	6	c	t	0.14	70.80	0.08	0.2396
59	NISHIN	6	f	t	-0.14	5.36	0.32	0.7470
62	SEOW	1	f	t	0.26	34.66	0.78	0.1317
66	MCGHEE	1	m	t	0.29	16.22	0.56	0.2385
66	MCGHEE	2	f	t	0.32	25.59	1.19	0.1032
Subtotal 66					0.31	41.82	1.75	
67	EPICA	7	c	t	-0.17	5.93	0.47	0.6711
69	FRANCO	1	c	t	0.59	15.26	3.54	0.0216
70	GORLOV	1	m	t	0.34	5.29	0.30	0.4295
70	GORLOV	2	f	t	0.14	10.60	0.01	0.6491
Subtotal 70					0.21	15.89	0.31	
71	RYLAND	3	c	t	0.31	9.26	0.40	0.3380
75	HILL1	3	m	t	0.08	8.86	0.01	0.8188
75	HILL1	2	f	t	0.00	7.71	0.09	1.0000
Subtotal 75					0.04	16.57	0.09	
76	HILL2	1	m	t	0.37	8.81	0.62	0.2702
76	HILL2	3	f	t	0.32	12.07	0.56	0.2631

Within each study, results are selected according to the following order of preference:

- 1) HOU : a, x, p, m, q, f, r, s, c, y, b, other
- 2) TIM : e, a, z, y, w, f, v, c, other
- 3) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 111  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Mother where no more comprehensive index available - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
Subtotal	76				0.34	20.88	1.18	
77	ASOMAN	1	c	t	-0.13	15.00	0.80	0.6278
82	TSE	10	m	t	-0.11	18.73	0.84	0.6484
84	BRENNE	11	c	t	-0.22	22.01	2.41	0.2928
85	HOSSEI	15	m	t	0.75	4.84	2.01	0.0989
85	HOSSEI	16	f	t	0.11	7.34	0.00	0.7727
Subtotal	85				0.36	12.18	2.01	

Relative risks

	N	53
	NS	40
	Wt	873.53
Het	Chi	51.43
Het	df	52
Het	P	N.S.
Fixed	RR	1.11
	RRl	1.04
	RRu	1.19
	P	++
Random	RR	1.11
	RRl	1.04
	RRu	1.19
	P	++
Asymm	P	N.S.

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 Within each study, results are selected according to the following order of preference:

- 1) HOU : a, x, p, m, q, f, r, s, c, y, b, other
- 2) TIM : e, a, z, y, w, f, v, c, other
- 3) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 112  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Mother where no more comprehensive index available - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
7	KABAT1	5	m 6	5	19	20	1.26 ( 0.33-	4.84)
7	KABAT1	6	f 16	17	37	36	0.92 ( 0.40-	2.08)
Subtotal 7							1.00 ( 0.50-	2.02)
8	GARFI2	10	f 73	204	42	135	1.15 ( 0.74-	1.78)
12	LEE	13	m 3	32	9	101	1.05 ( 0.27-	4.12)
12	LEE	14	f 11	126	21	192	0.80 ( 0.37-	1.71)
Subtotal 12							0.85 ( 0.44-	1.66)
14	GAO	10	f -	-	-	-	0.90 ( 0.60-	1.40)
16	KOO	12	f 61	88	27	49	1.26 ( 0.71-	2.23)
22	SHIMIZ	4	f 10	5	80	158	3.95 ( 1.31-	11.95)
24	HOLE	1	m 2	243	1	428	3.52 ( 0.32-	38.65)
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22-	16.12)
Subtotal 24							2.49 ( 0.50-	12.31)
26	JANERI	7	c159	158	32	33	1.04 ( 0.61-	1.77)
27	KALAND	7	f 75	92	15	26	1.41 ( 0.70-	2.86)
29	WU-WIL	6	f343	515	74	87	0.78 ( 0.56-	1.10)
30	LIUZ	1	f 45	176	9	26	0.74 ( 0.32-	1.69)
31	BROWN2	13	f261	696	170	470	1.04 ( 0.83-	1.30)
32	STOCKW	7	f -	-	-	-	1.60 ( 0.84-	3.04)
35	FONTHA	19	f509	941	144	312	1.17 ( 0.94-	1.47)
38	KABAT2	13	m 13	34	28	83	1.13 ( 0.53-	2.45)
38	KABAT2	14	f 43	119	26	68	0.95 ( 0.53-	1.67)
Subtotal 38							1.01 ( 0.64-	1.59)
39	SCHWAR	7	c172	175	85	102	1.18 ( 0.83-	1.68)
40	SUN	8	f -	-	-	-	2.05 ( 1.29-	3.27)
43	CARDEN	17	m -	-	-	-	0.63 ( 0.23-	1.76)
43	CARDEN	18	f -	-	-	-	0.84 ( 0.55-	1.27)
Subtotal 43							0.81 ( 0.55-	1.19)
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44							1.56 ( 0.80-	3.06)
46	BOFFET	43	m 41	125	100	405	1.33 ( 0.88-	2.01)
46	BOFFET	45	f347	698	160	312	0.97 ( 0.77-	1.22)
Subtotal 46							1.04 ( 0.85-	1.28)
48	ZARIDZ	11	f 38	73	151	285	0.98 ( 0.63-	1.52)
53	ZHONG	19	f322	377	182	224	1.05 ( 0.82-	1.34)
54	LEECH	9	f 51	93	217	352	0.89 ( 0.61-	1.30)
56	WANGL	1	m 24	72	8	42	1.75 ( 0.72-	4.24)
56	WANGL	3	f176	364	20	43	1.04 ( 0.59-	1.82)
Subtotal 56							1.21 ( 0.75-	1.94)
57	JOHNSO	7	f 54	543	17	218	1.28 ( 0.72-	2.25)
58	LAGARD	5	c179	611	254	997	1.15 ( 0.93-	1.43)
59	NISHIN	5	f 14	47679	10	26248	0.77 ( 0.34-	1.73)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
66	MCGHEE	5	m 33	71	112	347	1.44 ( 0.90-	2.29)
66	MCGHEE	6	f 96	150	83	195	1.50 ( 1.05-	2.16)
Subtotal 66							1.48 ( 1.11-	1.97)
67	EPICA	7	c -	-	-	-	0.84 ( 0.38-	1.90)
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10-	3.00)
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60-	3.30)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
Subtotal 70							1.23 ( 0.75-	2.01)
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72-	2.61)
75	HILL1	1	m -	-	-	-	0.97 ( 0.53-	1.77)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)
Subtotal 75							0.98 ( 0.62-	1.55)
76	HILL2	1	m -	-	-	-	1.45 ( 0.75-	2.81)
76	HILL2	2	f -	-	-	-	1.16 ( 0.70-	1.92)
Subtotal 76							1.26 ( 0.84-	1.88)
77	ASOMAN	1	c114	393	24	73	0.88 ( 0.53-	1.46)
82	TSE	1	m 47	194	85	342	0.97 ( 0.66-	1.45)
84	BRENNE	11	c109	341	42	105	0.80 ( 0.53-	1.21)

Within each study, results are selected according to the following order of preference:

- 1) HOU : a, x, p, m, q, f, r, s, c, y, b, other
- 2) TIM : e, a, z, y, w, f, v, c, other
- 3) UNX : 2, 1, 4, 3, other

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Table 112  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Mother where no more comprehensive index available - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
85	HOSSEI	15	m	9	34	17	136	2.12 ( 0.87- 5.16)
85	HOSSEI	16	f	15	30	40	89	1.11 ( 0.54- 2.29)
Subtotal 85								1.44 ( 0.82- 2.52)
Partial Totals				3675	57480	2465	33724	

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
5	BUFFLE	1	m	t	-0.68	2.42	1.47	0.2896
5	BUFFLE	2	f	t	-0.22	5.19	0.52	0.6209
Subtotal 5					-0.36	7.61	2.00	
7	KABAT1	5	m	t	0.23	2.13	0.04	0.7331
7	KABAT1	6	f	t	-0.09	5.68	0.20	0.8339
Subtotal 7					-0.00	7.81	0.24	
8	GARFI2	10	f	t	0.14	20.07	0.03	0.5307
12	LEE	13	m	t	0.05	2.06	0.00	0.9419
12	LEE	14	f	t	-0.23	6.59	0.70	0.5627
Subtotal 12					-0.16	8.65	0.70	
14	GAO	10	f	t	-0.11	21.40	0.90	0.6259
16	KOO	12	f	t	0.23	11.74	0.20	0.4317
22	SHIMIZ	4	f	t	1.37	3.14	5.09	0.0150
24	HOLE	1	m	t	1.26	0.67	0.90	0.3028
24	HOLE	2	f	t	0.64	0.84	0.24	0.5613
Subtotal 24					0.91	1.50	1.14	
26	JANERI	7	c	t	0.04	13.48	0.05	0.8917
27	KALAND	7	f	t	0.35	7.73	0.47	0.3363
29	WU-WIL	6	f	t	-0.24	33.48	3.97	0.1570
30	LIUZ	1	f	t	-0.30	5.63	0.91	0.4721
31	BROWN2	13	f	t	0.04	75.31	0.31	0.7540
32	STOCKW	7	f	t	0.47	9.29	1.27	0.1520
35	FONTHA	19	f	t	0.16	75.89	0.26	0.1668
38	KABAT2	13	m	t	0.13	6.49	0.00	0.7497
38	KABAT2	14	f	t	-0.06	11.79	0.29	0.8461
Subtotal 38					0.01	18.28	0.29	
39	SCHWAR	7	c	t	0.17	30.21	0.13	0.3643
40	SUN	8	f	t	0.72	17.76	6.78	0.0025
43	CARDEN	17	m	t	-0.46	3.71	1.17	0.3735
43	CARDEN	18	f	t	-0.17	21.94	1.65	0.4141
Subtotal 43					-0.22	25.65	2.82	
44	ZHENG	1	m	t	-0.41	3.07	0.78	0.4776
44	ZHENG	2	f	t	0.93	5.43	3.70	0.0310
Subtotal 44					0.45	8.50	4.49	
46	BOFFET	43	m	t	0.28	22.29	0.76	0.1800
46	BOFFET	45	f	t	-0.03	72.62	1.25	0.7912
Subtotal 46					0.04	94.92	2.00	
48	ZARIDZ	11	f	t	-0.02	19.94	0.28	0.9371
53	ZHONG	19	f	t	0.05	63.63	0.16	0.6903
54	LEECH	9	f	t	-0.12	26.45	1.24	0.5472
56	WANGL	1	m	t	0.56	4.89	1.03	0.2158
56	WANGL	3	f	t	0.04	12.24	0.05	0.8920
Subtotal 56					0.19	17.14	1.08	
57	JOHNSO	7	f	t	0.24	11.94	0.25	0.4008
58	LAGARD	5	c	t	0.14	82.21	0.13	0.2052
59	NISHIN	5	f	t	-0.26	5.84	0.76	0.5293
62	SEOW	1	f	t	0.26	34.66	0.85	0.1317
66	MCGHEE	5	m	t	0.36	17.79	1.25	0.1240
66	MCGHEE	6	f	t	0.41	29.19	2.77	0.0276
Subtotal 66					0.39	46.98	4.02	
67	EPICA	7	c	t	-0.17	5.93	0.45	0.6711
69	FRANCO	1	c	t	0.59	15.26	3.63	0.0216
70	GORLOV	1	m	t	0.34	5.29	0.31	0.4295
70	GORLOV	2	f	t	0.14	10.60	0.02	0.6491
Subtotal 70					0.21	15.89	0.33	
71	RYLAND	3	c	t	0.31	9.26	0.43	0.3380
75	HILL1	1	m	t	-0.03	10.57	0.18	0.9211

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- 3) UNX : 2, 1, 4, 3, other

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Table 112  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Mother where no more comprehensive index available - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
75	HILL1	2	f	t	0.00	7.71	0.08	1.0000
Subtotal 75					-0.02	18.28	0.26	
76	HILL2	1	m	t	0.37	8.81	0.65	0.2702
76	HILL2	2	f	t	0.15	15.09	0.04	0.5642
Subtotal 76					0.23	23.90	0.69	
77	ASOMAN	1	c	t	-0.13	15.00	0.76	0.6278
82	TSE	1	m	t	-0.03	24.32	0.38	0.8997
84	BRENNE	11	c	t	-0.22	22.01	2.31	0.2928
85	HOSSEI	15	m	t	0.75	4.84	2.05	0.0989
85	HOSSEI	16	f	t	0.11	7.34	0.00	0.7727
Subtotal 85					0.36	12.18	2.05	

Relative risks

	N	54
	NS	40
	Wt	968.88
Het	Chi	54.09
Het	df	53
Het	P	N.S.
Fixed	RR	1.11
	RRl	1.04
	RRu	1.18
	P	++
Random	RR	1.11
	RRl	1.04
	RRu	1.18
	P	++
Asymm	P	N.S.

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 Within each study, results are selected according to the following order of preference:

- 1) HOU : a, x, p, m, q, f, r, s, c, y, b, other
- 2) TIM : e, a, z, y, w, f, v, c, other
- 3) UNX : 2, 1, 4, 3, other

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Table 113  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Mother where no more comprehensive index available - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
7	KABAT1	5	m 6	5	19	20	1.26 ( 0.33-	4.84)
7	KABAT1	6	f 16	17	37	36	0.92 ( 0.40-	2.08)
Subtotal 7							1.00 ( 0.50-	2.02)
8	GARFI2	10	f 73	204	42	135	1.15 ( 0.74-	1.78)
26	JANERI	11	c -	-	-	-	1.05 ( 0.62-	1.77)
31	BROWN2	14	f -	-	-	-	1.10 ( 0.80-	1.30)
32	STOCKW	7	f -	-	-	-	1.60 ( 0.84-	3.04)
35	FONTHA	20	f -	-	-	-	1.23 ( 0.96-	1.57)
38	KABAT2	13	m 13	34	28	83	1.13 ( 0.53-	2.45)
38	KABAT2	14	f 43	119	26	68	0.95 ( 0.53-	1.67)
Subtotal 38							1.01 ( 0.64-	1.59)
39	SCHWAR	8	c -	-	-	-	1.10 ( 0.80-	1.60)
43	CARDEN	17	m -	-	-	-	0.63 ( 0.23-	1.76)
43	CARDEN	18	f -	-	-	-	0.84 ( 0.55-	1.27)
Subtotal 43							0.81 ( 0.55-	1.19)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10-	3.00)
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60-	3.30)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
Subtotal 70							1.23 ( 0.75-	2.01)
77	ASOMAN	1	c114	393	24	73	0.88 ( 0.53-	1.46)
84	BRENNE	11	c109	341	42	105	0.80 ( 0.53-	1.21)
Partial Totals			412	1333	232	586		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	13	m 3	32	9	101	1.05 ( 0.27-	4.12)
12	LEE	14	f 11	126	21	192	0.80 ( 0.37-	1.71)
Subtotal 12							0.85 ( 0.44-	1.66)
24	HOLE	3	c -	-	-	-	2.41 ( 0.45-	12.83)
27	KALAND	7	f 75	92	15	26	1.41 ( 0.70-	2.86)
46	BOFFET	44	m -	-	-	-	1.45 ( 0.91-	2.33)
46	BOFFET	46	f -	-	-	-	1.01 ( 0.79-	1.29)
Subtotal 46							1.09 ( 0.88-	1.36)
48	ZARIDZ	12	f -	-	-	-	0.91 ( 0.58-	1.42)
58	LAGARD	6	c -	-	-	-	1.15 ( 0.91-	1.45)
67	EPICA	7	c -	-	-	-	0.84 ( 0.38-	1.90)
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72-	2.61)
Partial Totals			89	250	45	319		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
14	GAO	10	f -	-	-	-	0.90 ( 0.60-	1.40)
16	KOO	13	f -	-	-	-	1.47 ( 0.56-	3.82)
22	SHIMIZ	4	f 10	5	80	158	3.95 ( 1.31-	11.95)
29	WU-WIL	6	f343	515	74	87	0.78 ( 0.56-	1.10)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
40	SUN	8	f -	-	-	-	2.05 ( 1.29-	3.27)
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44							1.56 ( 0.80-	3.06)
53	ZHONG	20	f -	-	-	-	1.08 ( 0.82-	1.41)
54	LEECH	10	f -	-	-	-	0.80 ( 0.51-	1.24)
56	WANGL	2	m -	-	-	-	1.22 ( 0.50-	3.30)
56	WANGL	4	f -	-	-	-	1.15 ( 0.60-	2.10)
Subtotal 56							1.17 ( 0.69-	1.97)
59	NISHIN	6	f -	-	-	-	0.87 ( 0.37-	2.01)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)

Within each study, results are selected according to the following order of preference:

- 1) HOU : a, x, p, m, q, f, r, s, c, y, b, other
- 2) TIM : e, a, z, y, w, f, v, c, other
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Table 113  
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 Mother where no more comprehensive index available - both sexes  
 By continent - adjusted

Asia			Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
66	MCGHEE	1	m -	-	-	-	1.34 ( 0.82-	2.17)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
Subtotal 66							1.36 ( 1.01-	1.85)
82	TSE	10	m -	-	-	-	0.90 ( 0.57-	1.41)
85	HOSSEI	15	m 9	34	17	136	2.12 ( 0.87-	5.16)
85	HOSSEI	16	f 15	30	40	89	1.11 ( 0.54-	2.29)
Subtotal 85							1.44 ( 0.82-	2.52)
Partial Totals			538	1075	320	900		
*prospective study								

Other			Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
75	HILL1	3	m -	-	-	-	1.08 ( 0.56-	2.09)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)
Subtotal 75							1.04 ( 0.64-	1.69)
76	HILL2	1	m -	-	-	-	1.45 ( 0.75-	2.81)
76	HILL2	3	f -	-	-	-	1.38 ( 0.78-	2.41)
Subtotal 76							1.41 ( 0.92-	2.16)
Partial Totals			0	0	0	0		
*prospective study								

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	20	10	19	4	53
	NS	15	8	15	2	40
	Wt	340.44	204.20	291.44	37.45	873.53
	Het Chi	14.45	5.51	29.93	0.88	51.43
	Het df	19	9	18	3	52
	Het P	N.S.	N.S.	*	N.S.	N.S.
Fixed	RR	1.09	1.10	1.13	1.23	1.11
	RRl	0.98	0.96	1.01	0.90	1.04
	RRu	1.21	1.26	1.27	1.70	1.19
	P	N.S.	N.S.	+	N.S.	++
Random	RR	1.09	1.10	1.16	1.23	1.11
	RRl	0.98	0.96	0.99	0.90	1.04
	RRu	1.21	1.26	1.37	1.70	1.19
	P	N.S.	N.S.	(+)	N.S.	++
Asymm	P	N.S.	N.S.	N.S.	N.S.	N.S.
Between	Chi		0.01	0.24	0.52	0.66
Between	df		1	1	1	3
Between	P		N.S.	N.S.	N.S.	N.S.

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 Within each study, results are selected according to the following order of preference:

- 1) HOU : a, x, p, m, q, f, r, s, c, y, b, other
- 2) TIM : e, a, z, y, w, f, v, c, other
- 3) UNX : 2, 1, 4, 3, other

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Table 114  
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 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
7	KABAT1	5	m 6	5	19	20	1.26 ( 0.33-	4.84)
7	KABAT1	6	f 16	17	37	36	0.92 ( 0.40-	2.08)
Subtotal 7							1.00 ( 0.50-	2.02)
8	GARFI2	10	f 73	204	42	135	1.15 ( 0.74-	1.78)
26	JANERI	7	c159	158	32	33	1.04 ( 0.61-	1.77)
31	BROWN2	13	f261	696	170	470	1.04 ( 0.83-	1.30)
32	STOCKW	7	f -	-	-	-	1.60 ( 0.84-	3.04)
35	FONTHA	19	f509	941	144	312	1.17 ( 0.94-	1.47)
38	KABAT2	13	m 13	34	28	83	1.13 ( 0.53-	2.45)
38	KABAT2	14	f 43	119	26	68	0.95 ( 0.53-	1.67)
Subtotal 38							1.01 ( 0.64-	1.59)
39	SCHWAR	7	c172	175	85	102	1.18 ( 0.83-	1.68)
43	CARDEN	17	m -	-	-	-	0.63 ( 0.23-	1.76)
43	CARDEN	18	f -	-	-	-	0.84 ( 0.55-	1.27)
Subtotal 43							0.81 ( 0.55-	1.19)
57	JOHNSO	7	f 54	543	17	218	1.28 ( 0.72-	2.25)
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10-	3.00)
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60-	3.30)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
Subtotal 70							1.23 ( 0.75-	2.01)
77	ASOMAN	1	c114	393	24	73	0.88 ( 0.53-	1.46)
84	BRENNE	11	c109	341	42	105	0.80 ( 0.53-	1.21)
Partial Totals			1567	3846	680	1721		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	13	m 3	32	9	101	1.05 ( 0.27-	4.12)
12	LEE	14	f 11	126	21	192	0.80 ( 0.37-	1.71)
Subtotal 12							0.85 ( 0.44-	1.66)
24	HOLE	1	m 2	243	1	428	3.52 ( 0.32-	38.65)
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22-	16.12)
Subtotal 24							2.49 ( 0.50-	12.31)
27	KALAND	7	f 75	92	15	26	1.41 ( 0.70-	2.86)
46	BOFFET	43	m 41	125	100	405	1.33 ( 0.88-	2.01)
46	BOFFET	45	f347	698	160	312	0.97 ( 0.77-	1.22)
Subtotal 46							1.04 ( 0.85-	1.28)
48	ZARIDZ	11	f 38	73	151	285	0.98 ( 0.63-	1.52)
58	LAGARD	5	c179	611	254	997	1.15 ( 0.93-	1.43)
67	EPICA	7	c -	-	-	-	0.84 ( 0.38-	1.90)
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72-	2.61)
Partial Totals			701	3295	712	3235		

\*prospective study

-----  
 Within each study, results are selected according to the following order of preference:

- 1) HOU : a, x, p, m, q, f, r, s, c, y, b, other
- 2) TIM : e, a, z, y, w, f, v, c, other
- 3) UNX : 2, 1, 4, 3, other

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 Mother where no more comprehensive index available - both sexes  
 By continent - unadjusted

Asia									
StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
14	GAO	10	f -	-	-	-	0.90	( 0.60-	1.40)
16	KOO	12	f 61	88	27	49	1.26	( 0.71-	2.23)
22	SHIMIZ	4	f 10	5	80	158	3.95	( 1.31-	11.95)
29	WU-WIL	6	f343	515	74	87	0.78	( 0.56-	1.10)
30	LIUZ	1	f 45	176	9	26	0.74	( 0.32-	1.69)
40	SUN	8	f -	-	-	-	2.05	( 1.29-	3.27)
44	ZHENG	1	m 8	12	17	17	0.67	( 0.22-	2.04)
44	ZHENG	2	f 62	179	7	51	2.52	( 1.09-	5.85)
Subtotal 44							1.56	( 0.80-	3.06)
53	ZHONG	19	f322	377	182	224	1.05	( 0.82-	1.34)
54	LEECH	9	f 51	93	217	352	0.89	( 0.61-	1.30)
56	WANGL	1	m 24	72	8	42	1.75	( 0.72-	4.24)
56	WANGL	3	f176	364	20	43	1.04	( 0.59-	1.82)
Subtotal 56							1.21	( 0.75-	1.94)
59	NISHIN	5	f 14	47679	10	26248	0.77	( 0.34-	1.73)
62	SEOW	1	f 91	300	85	362	1.29	( 0.93-	1.80)
66	MCGHEE	5	m 33	71	112	347	1.44	( 0.90-	2.29)
66	MCGHEE	6	f 96	150	83	195	1.50	( 1.05-	2.16)
Subtotal 66							1.48	( 1.11-	1.97)
82	TSE	1	m 47	194	85	342	0.97	( 0.66-	1.45)
85	HOSSEI	15	m 9	34	17	136	2.12	( 0.87-	5.16)
85	HOSSEI	16	f 15	30	40	89	1.11	( 0.54-	2.29)
Subtotal 85							1.44	( 0.82-	2.52)
Partial Totals			1407	50339	1073	28768			

\*prospective study

Other									
StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
75	HILL1	1	m -	-	-	-	0.97	( 0.53-	1.77)
75	HILL1	2	f -	-	-	-	1.00	( 0.49-	2.01)
Subtotal 75							0.98	( 0.62-	1.55)
76	HILL2	1	m -	-	-	-	1.45	( 0.75-	2.81)
76	HILL2	2	f -	-	-	-	1.16	( 0.70-	1.92)
Subtotal 76							1.26	( 0.84-	1.88)
Partial Totals			0	0	0	0			

\*prospective study

	NAmerica	Europe	Asia	Other	Total	
Relative risks						
	N	20	11	19	54	
	NS	15	8	15	40	
	Wt	363.70	230.16	332.84	42.18	968.88
	Het Chi	14.48	5.54	32.51	0.92	54.09
	Het df	19	10	18	3	53
	Het P	N.S.	N.S.	*	N.S.	N.S.
	Fixed RR	1.08	1.09	1.14	1.13	1.11
	RRl	0.97	0.96	1.03	0.84	1.04
	RRu	1.20	1.24	1.27	1.53	1.18
	P	N.S.	N.S.	+	N.S.	++
	Random RR	1.08	1.09	1.18	1.13	1.11
	RRl	0.97	0.96	1.01	0.84	1.04
	RRu	1.20	1.24	1.38	1.53	1.18
	P	N.S.	N.S.	+	N.S.	++
	Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.
	Between Chi		0.01	0.56	0.08	0.64
	Between df		1	1	1	3
	Between P		N.S.	N.S.	N.S.	N.S.

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 Within each study, results are selected according to the following order of preference:

- 1) HOU : a, x, p, m, q, f, r, s, c, y, b, other
- 2) TIM : e, a, z, y, w, f, v, c, other
- 3) UNX : 2, 1, 4, 3, other

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Table 115  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Father where no more comprehensive index available - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
7	KABAT1	5	m 6	5	19	20	1.26 ( 0.33-	4.84)
7	KABAT1	6	f 16	17	37	36	0.92 ( 0.40-	2.08)
Subtotal 7							1.00 ( 0.50-	2.02)
8	GARFI2	10	f 73	204	42	135	1.15 ( 0.74-	1.78)
12	LEE	13	m 3	32	9	101	1.05 ( 0.27-	4.12)
12	LEE	14	f 11	126	21	192	0.80 ( 0.37-	1.71)
Subtotal 12							0.85 ( 0.44-	1.66)
14	GAO	10	f -	-	-	-	0.90 ( 0.60-	1.40)
16	KOO	13	f -	-	-	-	1.47 ( 0.56-	3.82)
22	SHIMIZ	3	f 39	67	51	96	1.10 ( 0.65-	1.84)
24	HOLE	3	c -	-	-	-	2.41 ( 0.45-	12.83)
26	JANERI	11	c -	-	-	-	1.05 ( 0.62-	1.77)
27	KALAND	7	f 75	92	15	26	1.41 ( 0.70-	2.86)
29	WU-WIL	6	f343	515	74	87	0.78 ( 0.56-	1.10)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
31	BROWN2	14	f -	-	-	-	1.10 ( 0.80-	1.30)
32	STOCKW	7	f -	-	-	-	1.60 ( 0.84-	3.04)
35	FONTHA	20	f -	-	-	-	1.23 ( 0.96-	1.57)
38	KABAT2	13	m 13	34	28	83	1.13 ( 0.53-	2.45)
38	KABAT2	14	f 43	119	26	68	0.95 ( 0.53-	1.67)
Subtotal 38							1.01 ( 0.64-	1.59)
39	SCHWAR	8	c -	-	-	-	1.10 ( 0.80-	1.60)
40	SUN	9	f -	-	-	-	2.35 ( 1.56-	3.54)
43	CARDEN	17	m -	-	-	-	0.63 ( 0.23-	1.76)
43	CARDEN	18	f -	-	-	-	0.84 ( 0.55-	1.27)
Subtotal 43							0.81 ( 0.55-	1.19)
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44							1.56 ( 0.80-	3.06)
46	BOFFET	44	m -	-	-	-	1.45 ( 0.91-	2.33)
46	BOFFET	46	f -	-	-	-	1.01 ( 0.79-	1.29)
Subtotal 46							1.09 ( 0.88-	1.36)
48	ZARIDZ	12	f -	-	-	-	0.91 ( 0.58-	1.42)
53	ZHONG	20	f -	-	-	-	1.08 ( 0.82-	1.41)
54	LEECH	10	f -	-	-	-	0.80 ( 0.51-	1.24)
56	WANGL	2	m -	-	-	-	1.22 ( 0.50-	3.30)
56	WANGL	4	f -	-	-	-	1.15 ( 0.60-	2.10)
Subtotal 56							1.17 ( 0.69-	1.97)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
58	LAGARD	6	c -	-	-	-	1.15 ( 0.91-	1.45)
59	NISHIN	6	f -	-	-	-	0.87 ( 0.37-	2.01)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
66	MCGHEE	1	m -	-	-	-	1.34 ( 0.82-	2.17)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
Subtotal 66							1.36 ( 1.01-	1.85)
67	EPICA	7	c -	-	-	-	0.84 ( 0.38-	1.90)
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10-	3.00)
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60-	3.30)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
Subtotal 70							1.23 ( 0.75-	2.01)
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72-	2.61)
75	HILL1	3	m -	-	-	-	1.08 ( 0.56-	2.09)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)
Subtotal 75							1.04 ( 0.64-	1.69)
76	HILL2	1	m -	-	-	-	1.45 ( 0.75-	2.81)
76	HILL2	3	f -	-	-	-	1.38 ( 0.78-	2.41)
Subtotal 76							1.41 ( 0.92-	2.16)
77	ASOMAN	1	c114	393	24	73	0.88 ( 0.53-	1.46)
82	TSE	10	m -	-	-	-	0.90 ( 0.57-	1.41)
84	BRENNE	11	c109	341	42	105	0.80 ( 0.53-	1.21)
85	HOSSEI	15	m 9	34	17	136	2.12 ( 0.87-	5.16)
85	HOSSEI	16	f 15	30	40	89	1.11 ( 0.54-	2.29)

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- 3) TIM : e, a, z, y, w, f, v, c, other
- 4) UNX : 2, 1, 4, 3, other

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 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
Subtotal 85							1.44 (	0.82- 2.52)
Partial Totals			1068	2720	568	1743		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
5	BUFFLE	1	m	t	-0.68	2.42	1.51	0.2896
5	BUFFLE	2	f	t	-0.22	5.19	0.55	0.6209
Subtotal 5					-0.36	7.61	2.06	
7	KABAT1	5	m	t	0.23	2.13	0.03	0.7331
7	KABAT1	6	f	t	-0.09	5.68	0.22	0.8339
Subtotal 7					-0.00	7.81	0.25	
8	GARFI2	10	f	t	0.14	20.07	0.02	0.5307
12	LEE	13	m	t	0.05	2.06	0.01	0.9419
12	LEE	14	f	t	-0.23	6.59	0.74	0.5627
Subtotal 12					-0.16	8.65	0.74	
14	GAO	10	f	t	-0.11	21.40	0.98	0.6259
16	KOO	13	f	t	0.39	4.17	0.32	0.4316
22	SHIMIZ	3	f	t	0.09	14.17	0.00	0.7309
24	HOLE	3	c	t	0.88	1.37	0.81	0.3034
26	JANERI	11	c	t	0.05	13.96	0.05	0.8553
27	KALAND	7	f	t	0.35	7.73	0.43	0.3363
29	WU-WIL	6	f	t	-0.24	33.48	4.18	0.1570
30	LIUZ	2	f	t	-0.26	4.36	0.60	0.5852
31	BROWN2	14	f	t	0.10	65.19	0.01	0.4416
32	STOCKW	7	f	t	0.47	9.29	1.21	0.1520
35	FONTHA	20	f	t	0.21	63.50	0.61	0.0990
38	KABAT2	13	m	t	0.13	6.49	0.00	0.7497
38	KABAT2	14	f	t	-0.06	11.79	0.32	0.8461
Subtotal 38					0.01	18.28	0.32	
39	SCHWAR	8	c	t	0.10	31.98	0.01	0.5899
40	SUN	9	f	t	0.85	22.88	12.73	0.0000
43	CARDEN	17	m	t	-0.46	3.71	1.21	0.3735
43	CARDEN	18	f	t	-0.17	21.94	1.76	0.4141
Subtotal 43					-0.22	25.65	2.97	
44	ZHENG	1	m	t	-0.41	3.07	0.81	0.4776
44	ZHENG	2	f	t	0.93	5.43	3.62	0.0310
Subtotal 44					0.45	8.50	4.43	
46	BOFFET	44	m	t	0.37	17.38	1.20	0.1213
46	BOFFET	46	f	t	0.01	63.90	0.62	0.9366
Subtotal 46					0.09	81.29	1.82	
48	ZARIDZ	12	f	t	-0.09	19.17	0.79	0.6797
53	ZHONG	20	f	t	0.08	52.30	0.05	0.5778
54	LEECH	10	f	t	-0.22	19.47	2.14	0.3249
56	WANGL	2	m	t	0.20	4.31	0.04	0.6796
56	WANGL	4	f	t	0.14	9.79	0.01	0.6619
Subtotal 56					0.16	14.11	0.04	
57	JOHNSO	8	f	t	0.18	8.94	0.05	0.5856
58	LAGARD	6	c	t	0.14	70.80	0.07	0.2396
59	NISHIN	6	f	t	-0.14	5.36	0.33	0.7470
62	SEOW	1	f	t	0.26	34.66	0.75	0.1317
66	MCGHEE	1	m	t	0.29	16.22	0.55	0.2385
66	MCGHEE	2	f	t	0.32	25.59	1.17	0.1032
Subtotal 66					0.31	41.82	1.71	
67	EPICA	7	c	t	-0.17	5.93	0.48	0.6711
69	FRANCO	1	c	t	0.59	15.26	3.50	0.0216
70	GORLOV	1	m	t	0.34	5.29	0.29	0.4295
70	GORLOV	2	f	t	0.14	10.60	0.01	0.6491
Subtotal 70					0.21	15.89	0.30	
71	RYLAND	3	c	t	0.31	9.26	0.39	0.3380
75	HILL1	3	m	t	0.08	8.86	0.01	0.8188
75	HILL1	2	f	t	0.00	7.71	0.09	1.0000
Subtotal 75					0.04	16.57	0.10	
76	HILL2	1	m	t	0.37	8.81	0.61	0.2702
76	HILL2	3	f	t	0.32	12.07	0.55	0.2631

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 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
Subtotal	76				0.34	20.88	1.16	
77	ASOMAN	1	c	t	-0.13	15.00	0.82	0.6278
82	TSE	10	m	t	-0.11	18.73	0.86	0.6484
84	BRENNE	11	c	t	-0.22	22.01	2.44	0.2928
85	HOSSEI	15	m	t	0.75	4.84	1.99	0.0989
85	HOSSEI	16	f	t	0.11	7.34	0.00	0.7727
Subtotal	85				0.36	12.18	1.99	

Relative risks

	N	53
	NS	40
	Wt	889.69
Het	Chi	52.56
Het	df	52
Het	P	N.S.
Fixed	RR	1.11
	RRl	1.04
	RRu	1.19
	P	++
Random	RR	1.11
	RRl	1.04
	RRu	1.19
	P	++
Asymm	P	N.S.

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Within each study, results are selected according to the following order of preference:  
 1) HOU : a, x, p, f, m, q, r, s, c, y, b, other      3) TIM : e, a, z, y, w, f, v, c, other  
 2) TYP : t, g, other      4) UNX : 2, 1, 4, 3, other  
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Table 116  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Father where no more comprehensive index available - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
7	KABAT1	5	m 6	5	19	20	1.26 ( 0.33-	4.84)
7	KABAT1	6	f 16	17	37	36	0.92 ( 0.40-	2.08)
Subtotal 7							1.00 ( 0.50-	2.02)
8	GARFI2	10	f 73	204	42	135	1.15 ( 0.74-	1.78)
12	LEE	13	m 3	32	9	101	1.05 ( 0.27-	4.12)
12	LEE	14	f 11	126	21	192	0.80 ( 0.37-	1.71)
Subtotal 12							0.85 ( 0.44-	1.66)
14	GAO	10	f -	-	-	-	0.90 ( 0.60-	1.40)
16	KOO	12	f 61	88	27	49	1.26 ( 0.71-	2.23)
22	SHIMIZ	3	f 39	67	51	96	1.10 ( 0.65-	1.84)
24	HOLE	1	m 2	243	1	428	3.52 ( 0.32-	38.65)
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22-	16.12)
Subtotal 24							2.49 ( 0.50-	12.31)
26	JANERI	7	c159	158	32	33	1.04 ( 0.61-	1.77)
27	KALAND	7	f 75	92	15	26	1.41 ( 0.70-	2.86)
29	WU-WIL	6	f343	515	74	87	0.78 ( 0.56-	1.10)
30	LIUZ	1	f 45	176	9	26	0.74 ( 0.32-	1.69)
31	BROWN2	13	f261	696	170	470	1.04 ( 0.83-	1.30)
32	STOCKW	7	f -	-	-	-	1.60 ( 0.84-	3.04)
35	FONTHA	19	f509	941	144	312	1.17 ( 0.94-	1.47)
38	KABAT2	13	m 13	34	28	83	1.13 ( 0.53-	2.45)
38	KABAT2	14	f 43	119	26	68	0.95 ( 0.53-	1.67)
Subtotal 38							1.01 ( 0.64-	1.59)
39	SCHWAR	7	c172	175	85	102	1.18 ( 0.83-	1.68)
40	SUN	9	f -	-	-	-	2.35 ( 1.56-	3.54)
43	CARDEN	17	m -	-	-	-	0.63 ( 0.23-	1.76)
43	CARDEN	18	f -	-	-	-	0.84 ( 0.55-	1.27)
Subtotal 43							0.81 ( 0.55-	1.19)
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44							1.56 ( 0.80-	3.06)
46	BOFFET	43	m 41	125	100	405	1.33 ( 0.88-	2.01)
46	BOFFET	45	f347	698	160	312	0.97 ( 0.77-	1.22)
Subtotal 46							1.04 ( 0.85-	1.28)
48	ZARIDZ	11	f 38	73	151	285	0.98 ( 0.63-	1.52)
53	ZHONG	19	f322	377	182	224	1.05 ( 0.82-	1.34)
54	LEECH	9	f 51	93	217	352	0.89 ( 0.61-	1.30)
56	WANGL	1	m 24	72	8	42	1.75 ( 0.72-	4.24)
56	WANGL	3	f176	364	20	43	1.04 ( 0.59-	1.82)
Subtotal 56							1.21 ( 0.75-	1.94)
57	JOHNSO	7	f 54	543	17	218	1.28 ( 0.72-	2.25)
58	LAGARD	5	c179	611	254	997	1.15 ( 0.93-	1.43)
59	NISHIN	5	f 14	47679	10	26248	0.77 ( 0.34-	1.73)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)
66	MCGHEE	5	m 33	71	112	347	1.44 ( 0.90-	2.29)
66	MCGHEE	6	f 96	150	83	195	1.50 ( 1.05-	2.16)
Subtotal 66							1.48 ( 1.11-	1.97)
67	EPICA	7	c -	-	-	-	0.84 ( 0.38-	1.90)
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10-	3.00)
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60-	3.30)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
Subtotal 70							1.23 ( 0.75-	2.01)
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72-	2.61)
75	HILL1	1	m -	-	-	-	0.97 ( 0.53-	1.77)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)
Subtotal 75							0.98 ( 0.62-	1.55)
76	HILL2	1	m -	-	-	-	1.45 ( 0.75-	2.81)
76	HILL2	2	f -	-	-	-	1.16 ( 0.70-	1.92)
Subtotal 76							1.26 ( 0.84-	1.88)
77	ASOMAN	1	c114	393	24	73	0.88 ( 0.53-	1.46)
82	TSE	1	m 47	194	85	342	0.97 ( 0.66-	1.45)
84	BRENNE	11	c109	341	42	105	0.80 ( 0.53-	1.21)

Within each study, results are selected according to the following order of preference:

- 1) HOU : a, x, p, f, m, q, r, s, c, y, b, other
- 2) TYP : t, g, other
- 3) TIM : e, a, z, y, w, f, v, c, other
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 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
85	HOSSEI	15	m	9	34	17	136	2.12 ( 0.87- 5.16)
85	HOSSEI	16	f	15	30	40	89	1.11 ( 0.54- 2.29)
Subtotal 85								1.44 ( 0.82- 2.52)
Partial Totals				3704	57542	2436	33662	

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
5	BUFFLE	1	m	t	-0.68	2.42	1.48	0.2896
5	BUFFLE	2	f	t	-0.22	5.19	0.53	0.6209
Subtotal 5					-0.36	7.61	2.01	
7	KABAT1	5	m	t	0.23	2.13	0.04	0.7331
7	KABAT1	6	f	t	-0.09	5.68	0.21	0.8339
Subtotal 7					-0.00	7.81	0.24	
8	GARFI2	10	f	t	0.14	20.07	0.03	0.5307
12	LEE	13	m	t	0.05	2.06	0.01	0.9419
12	LEE	14	f	t	-0.23	6.59	0.71	0.5627
Subtotal 12					-0.16	8.65	0.71	
14	GAO	10	f	t	-0.11	21.40	0.92	0.6259
16	KOO	12	f	t	0.23	11.74	0.19	0.4317
22	SHIMIZ	3	f	t	0.09	14.17	0.00	0.7309
24	HOLE	1	m	t	1.26	0.67	0.90	0.3028
24	HOLE	2	f	t	0.64	0.84	0.24	0.5613
Subtotal 24					0.91	1.50	1.13	
26	JANERI	7	c	t	0.04	13.48	0.06	0.8917
27	KALAND	7	f	t	0.35	7.73	0.46	0.3363
29	WU-WIL	6	f	t	-0.24	33.48	4.02	0.1570
30	LIUZ	1	f	t	-0.30	5.63	0.92	0.4721
31	BROWN2	13	f	t	0.04	75.31	0.33	0.7540
32	STOCKW	7	f	t	0.47	9.29	1.26	0.1520
35	FONTHA	19	f	t	0.16	75.89	0.24	0.1668
38	KABAT2	13	m	t	0.13	6.49	0.00	0.7497
38	KABAT2	14	f	t	-0.06	11.79	0.30	0.8461
Subtotal 38					0.01	18.28	0.30	
39	SCHWAR	7	c	t	0.17	30.21	0.12	0.3643
40	SUN	9	f	t	0.85	22.88	12.95	0.0000
43	CARDEN	17	m	t	-0.46	3.71	1.18	0.3735
43	CARDEN	18	f	t	-0.17	21.94	1.68	0.4141
Subtotal 43					-0.22	25.65	2.86	
44	ZHENG	1	m	t	-0.41	3.07	0.79	0.4776
44	ZHENG	2	f	t	0.93	5.43	3.68	0.0310
Subtotal 44					0.45	8.50	4.47	
46	BOFFET	43	m	t	0.28	22.29	0.74	0.1800
46	BOFFET	45	f	t	-0.03	72.62	1.29	0.7912
Subtotal 46					0.04	94.92	2.03	
48	ZARIDZ	11	f	t	-0.02	19.94	0.29	0.9371
53	ZHONG	19	f	t	0.05	63.63	0.17	0.6903
54	LEECH	9	f	t	-0.12	26.45	1.27	0.5472
56	WANGL	1	m	t	0.56	4.89	1.02	0.2158
56	WANGL	3	f	t	0.04	12.24	0.05	0.8920
Subtotal 56					0.19	17.14	1.07	
57	JOHNSO	7	f	t	0.24	11.94	0.24	0.4008
58	LAGARD	5	c	t	0.14	82.21	0.12	0.2052
59	NISHIN	5	f	t	-0.26	5.84	0.77	0.5293
62	SEOW	1	f	t	0.26	34.66	0.82	0.1317
66	MCGHEE	5	m	t	0.36	17.79	1.23	0.1240
66	MCGHEE	6	f	t	0.41	29.19	2.73	0.0276
Subtotal 66					0.39	46.98	3.96	
67	EPICA	7	c	t	-0.17	5.93	0.45	0.6711
69	FRANCO	1	c	t	0.59	15.26	3.60	0.0216
70	GORLOV	1	m	t	0.34	5.29	0.31	0.4295
70	GORLOV	2	f	t	0.14	10.60	0.02	0.6491
Subtotal 70					0.21	15.89	0.32	
71	RYLAND	3	c	t	0.31	9.26	0.42	0.3380
75	HILL1	1	m	t	-0.03	10.57	0.19	0.9211

Within each study, results are selected according to the following order of preference:

- 1) HOU : a, x, p, f, m, q, r, s, c, y, b, other
- 2) TYP : t, g, other
- 3) TIM : e, a, z, y, w, f, v, c, other
- 4) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 116  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Father where no more comprehensive index available - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
75	HILL1	2	f	t	0.00	7.71	0.08	1.0000
Subtotal 75					-0.02	18.28	0.27	
76	HILL2	1	m	t	0.37	8.81	0.64	0.2702
76	HILL2	2	f	t	0.15	15.09	0.03	0.5642
Subtotal 76					0.23	23.90	0.67	
77	ASOMAN	1	c	t	-0.13	15.00	0.77	0.6278
82	TSE	1	m	t	-0.03	24.32	0.40	0.8997
84	BRENNE	11	c	t	-0.22	22.01	2.34	0.2928
85	HOSSEI	15	m	t	0.75	4.84	2.03	0.0989
85	HOSSEI	16	f	t	0.11	7.34	0.00	0.7727
Subtotal 85					0.36	12.18	2.03	

Relative risks

	N	54
	NS	40
	Wt	985.03
Het	Chi	55.25
Het	df	53
Het	P	N.S.
Fixed	RR	1.11
	RRl	1.04
	RRu	1.18
	P	++
Random	RR	1.11
	RRl	1.04
	RRu	1.18
	P	++
Asymm	P	N.S.

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Within each study, results are selected according to the following order of preference:  
 1) HOU : a, x, p, f, m, q, r, s, c, y, b, other      3) TIM : e, a, z, y, w, f, v, c, other  
 2) TYP : t, g, other      4) UNX : 2, 1, 4, 3, other  
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 117  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Father where no more comprehensive index available - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
7	KABAT1	5	m 6	5	19	20	1.26 ( 0.33-	4.84)
7	KABAT1	6	f 16	17	37	36	0.92 ( 0.40-	2.08)
Subtotal 7							1.00 ( 0.50-	2.02)
8	GARFI2	10	f 73	204	42	135	1.15 ( 0.74-	1.78)
26	JANERI	11	c -	-	-	-	1.05 ( 0.62-	1.77)
31	BROWN2	14	f -	-	-	-	1.10 ( 0.80-	1.30)
32	STOCKW	7	f -	-	-	-	1.60 ( 0.84-	3.04)
35	FONTHA	20	f -	-	-	-	1.23 ( 0.96-	1.57)
38	KABAT2	13	m 13	34	28	83	1.13 ( 0.53-	2.45)
38	KABAT2	14	f 43	119	26	68	0.95 ( 0.53-	1.67)
Subtotal 38							1.01 ( 0.64-	1.59)
39	SCHWAR	8	c -	-	-	-	1.10 ( 0.80-	1.60)
43	CARDEN	17	m -	-	-	-	0.63 ( 0.23-	1.76)
43	CARDEN	18	f -	-	-	-	0.84 ( 0.55-	1.27)
Subtotal 43							0.81 ( 0.55-	1.19)
57	JOHNSO	8	f -	-	-	-	1.20 ( 0.62-	2.30)
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10-	3.00)
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60-	3.30)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
Subtotal 70							1.23 ( 0.75-	2.01)
77	ASOMAN	1	c114	393	24	73	0.88 ( 0.53-	1.46)
84	BRENNE	11	c109	341	42	105	0.80 ( 0.53-	1.21)
Partial Totals			412	1333	232	586		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	13	m 3	32	9	101	1.05 ( 0.27-	4.12)
12	LEE	14	f 11	126	21	192	0.80 ( 0.37-	1.71)
Subtotal 12							0.85 ( 0.44-	1.66)
24	HOLE	3	c -	-	-	-	2.41 ( 0.45-	12.83)
27	KALAND	7	f 75	92	15	26	1.41 ( 0.70-	2.86)
46	BOFFET	44	m -	-	-	-	1.45 ( 0.91-	2.33)
46	BOFFET	46	f -	-	-	-	1.01 ( 0.79-	1.29)
Subtotal 46							1.09 ( 0.88-	1.36)
48	ZARIDZ	12	f -	-	-	-	0.91 ( 0.58-	1.42)
58	LAGARD	6	c -	-	-	-	1.15 ( 0.91-	1.45)
67	EPICA	7	c -	-	-	-	0.84 ( 0.38-	1.90)
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72-	2.61)
Partial Totals			89	250	45	319		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
14	GAO	10	f -	-	-	-	0.90 ( 0.60-	1.40)
16	KOO	13	f -	-	-	-	1.47 ( 0.56-	3.82)
22	SHIMIZ	3	f 39	67	51	96	1.10 ( 0.65-	1.84)
29	WU-WIL	6	f343	515	74	87	0.78 ( 0.56-	1.10)
30	LIUZ	2	f -	-	-	-	0.77 ( 0.30-	1.96)
40	SUN	9	f -	-	-	-	2.35 ( 1.56-	3.54)
44	ZHENG	1	m 8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG	2	f 62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44							1.56 ( 0.80-	3.06)
53	ZHONG	20	f -	-	-	-	1.08 ( 0.82-	1.41)
54	LEECH	10	f -	-	-	-	0.80 ( 0.51-	1.24)
56	WANGL	2	m -	-	-	-	1.22 ( 0.50-	3.30)
56	WANGL	4	f -	-	-	-	1.15 ( 0.60-	2.10)
Subtotal 56							1.17 ( 0.69-	1.97)
59	NISHIN	6	f -	-	-	-	0.87 ( 0.37-	2.01)
62	SEOW	1	f 91	300	85	362	1.29 ( 0.93-	1.80)

Within each study, results are selected according to the following order of preference:

- 1) HOU : a, x, p, f, m, q, r, s, c, y, b, other
- 2) TYP : t, g, other
- 3) TIM : e, a, z, y, w, f, v, c, other
- 4) UNX : 2, 1, 4, 3, other

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Table 117  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Father where no more comprehensive index available - both sexes  
 By continent - adjusted

Asia			Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
66	MCGHEE	1	m -	-	-	-	1.34 ( 0.82-	2.17)
66	MCGHEE	2	f -	-	-	-	1.38 ( 0.94-	2.04)
Subtotal 66							1.36 ( 1.01-	1.85)
82	TSE	10	m -	-	-	-	0.90 ( 0.57-	1.41)
85	HOSSEI	15	m 9	34	17	136	2.12 ( 0.87-	5.16)
85	HOSSEI	16	f 15	30	40	89	1.11 ( 0.54-	2.29)
Subtotal 85							1.44 ( 0.82-	2.52)
Partial Totals			567	1137	291	838		
*prospective study								
Other			Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
75	HILL1	3	m -	-	-	-	1.08 ( 0.56-	2.09)
75	HILL1	2	f -	-	-	-	1.00 ( 0.49-	2.01)
Subtotal 75							1.04 ( 0.64-	1.69)
76	HILL2	1	m -	-	-	-	1.45 ( 0.75-	2.81)
76	HILL2	3	f -	-	-	-	1.38 ( 0.78-	2.41)
Subtotal 76							1.41 ( 0.92-	2.16)
Partial Totals			0	0	0	0		
*prospective study								
			NAmerica	Europe	Asia	Other	Total	
Relative risks								
			N	20	10	19	4	53
			NS	15	8	15	2	40
			Wt	340.44	204.20	307.59	37.45	889.69
			Het Chi	14.45	5.51	30.98	0.88	52.56
			Het df	19	9	18	3	52
			Het P	N.S.	N.S.	*	N.S.	N.S.
			Fixed RR	1.09	1.10	1.14	1.23	1.11
			RRl	0.98	0.96	1.02	0.90	1.04
			RRu	1.21	1.26	1.27	1.70	1.19
			P	N.S.	N.S.	+	N.S.	++
			Random RR	1.09	1.10	1.15	1.23	1.11
			RRl	0.98	0.96	0.98	0.90	1.04
			RRu	1.21	1.26	1.35	1.70	1.19
			P	N.S.	N.S.	(+)	N.S.	++
			Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.
			Between Chi		0.01	0.32	0.52	0.74
			Between df		1	1	1	3
			Between P		N.S.	N.S.	N.S.	N.S.

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 Within each study, results are selected according to the following order of preference:  
 1) HOU : a, x, p, f, m, q, r, s, c, y, b, other      3) TIM : e, a, z, y, w, f, v, c, other  
 2) TYP : t, g, other      4) UNX : 2, 1, 4, 3, other  
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Table 118  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Father where no more comprehensive index available - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
5	BUFFLE	1	m 5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f 33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5							0.69 ( 0.34-	1.41)
7	KABAT1	5	m 6	5	19	20	1.26 ( 0.33-	4.84)
7	KABAT1	6	f 16	17	37	36	0.92 ( 0.40-	2.08)
Subtotal 7							1.00 ( 0.50-	2.02)
8	GARFI2	10	f 73	204	42	135	1.15 ( 0.74-	1.78)
26	JANERI	7	c159	158	32	33	1.04 ( 0.61-	1.77)
31	BROWN2	13	f261	696	170	470	1.04 ( 0.83-	1.30)
32	STOCKW	7	f -	-	-	-	1.60 ( 0.84-	3.04)
35	FONTHA	19	f509	941	144	312	1.17 ( 0.94-	1.47)
38	KABAT2	13	m 13	34	28	83	1.13 ( 0.53-	2.45)
38	KABAT2	14	f 43	119	26	68	0.95 ( 0.53-	1.67)
Subtotal 38							1.01 ( 0.64-	1.59)
39	SCHWAR	7	c172	175	85	102	1.18 ( 0.83-	1.68)
43	CARDEN	17	m -	-	-	-	0.63 ( 0.23-	1.76)
43	CARDEN	18	f -	-	-	-	0.84 ( 0.55-	1.27)
Subtotal 43							0.81 ( 0.55-	1.19)
57	JOHNSO	7	f 54	543	17	218	1.28 ( 0.72-	2.25)
69	FRANCO	1	c -	-	-	-	1.80 ( 1.10-	3.00)
70	GORLOV	1	m -	-	-	-	1.41 ( 0.60-	3.30)
70	GORLOV	2	f -	-	-	-	1.15 ( 0.63-	2.10)
Subtotal 70							1.23 ( 0.75-	2.01)
77	ASOMAN	1	c114	393	24	73	0.88 ( 0.53-	1.46)
84	BRENNE	11	c109	341	42	105	0.80 ( 0.53-	1.21)
Partial Totals			1567	3846	680	1721		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	13	m 3	32	9	101	1.05 ( 0.27-	4.12)
12	LEE	14	f 11	126	21	192	0.80 ( 0.37-	1.71)
Subtotal 12							0.85 ( 0.44-	1.66)
24	HOLE	1	m 2	243	1	428	3.52 ( 0.32-	38.65)
24	HOLE	2	f 5	1295	1	489	1.89 ( 0.22-	16.12)
Subtotal 24							2.49 ( 0.50-	12.31)
27	KALAND	7	f 75	92	15	26	1.41 ( 0.70-	2.86)
46	BOFFET	43	m 41	125	100	405	1.33 ( 0.88-	2.01)
46	BOFFET	45	f347	698	160	312	0.97 ( 0.77-	1.22)
Subtotal 46							1.04 ( 0.85-	1.28)
48	ZARIDZ	11	f 38	73	151	285	0.98 ( 0.63-	1.52)
58	LAGARD	5	c179	611	254	997	1.15 ( 0.93-	1.43)
67	EPICA	7	c -	-	-	-	0.84 ( 0.38-	1.90)
71	RYLAND	3	c -	-	-	-	1.37 ( 0.72-	2.61)
Partial Totals			701	3295	712	3235		

\*prospective study

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 Within each study, results are selected according to the following order of preference:  
 1) HOU : a, x, p, f, m, q, r, s, c, y, b, other      3) TIM : e, a, z, y, w, f, v, c, other  
 2) TYP : t, g, other      4) UNX : 2, 1, 4, 3, other  
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 118  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Father where no more comprehensive index available - both sexes  
 By continent - unadjusted

Asia									
StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
14	GAO	10	f -	-	-	-	0.90	( 0.60-	1.40)
16	KOO	12	f 61	88	27	49	1.26	( 0.71-	2.23)
22	SHIMIZ	3	f 39	67	51	96	1.10	( 0.65-	1.84)
29	WU-WIL	6	f343	515	74	87	0.78	( 0.56-	1.10)
30	LIUZ	1	f 45	176	9	26	0.74	( 0.32-	1.69)
40	SUN	9	f -	-	-	-	2.35	( 1.56-	3.54)
44	ZHENG	1	m 8	12	17	17	0.67	( 0.22-	2.04)
44	ZHENG	2	f 62	179	7	51	2.52	( 1.09-	5.85)
Subtotal 44							1.56	( 0.80-	3.06)
53	ZHONG	19	f322	377	182	224	1.05	( 0.82-	1.34)
54	LEECH	9	f 51	93	217	352	0.89	( 0.61-	1.30)
56	WANGL	1	m 24	72	8	42	1.75	( 0.72-	4.24)
56	WANGL	3	f176	364	20	43	1.04	( 0.59-	1.82)
Subtotal 56							1.21	( 0.75-	1.94)
59	NISHIN	5	f 14	47679	10	26248	0.77	( 0.34-	1.73)
62	SEOW	1	f 91	300	85	362	1.29	( 0.93-	1.80)
66	MCGHEE	5	m 33	71	112	347	1.44	( 0.90-	2.29)
66	MCGHEE	6	f 96	150	83	195	1.50	( 1.05-	2.16)
Subtotal 66							1.48	( 1.11-	1.97)
82	TSE	1	m 47	194	85	342	0.97	( 0.66-	1.45)
85	HOSSEI	15	m 9	34	17	136	2.12	( 0.87-	5.16)
85	HOSSEI	16	f 15	30	40	89	1.11	( 0.54-	2.29)
Subtotal 85							1.44	( 0.82-	2.52)
Partial Totals			1436	50401	1044	28706			

\*prospective study

Other									
StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
75	HILL1	1	m -	-	-	-	0.97	( 0.53-	1.77)
75	HILL1	2	f -	-	-	-	1.00	( 0.49-	2.01)
Subtotal 75							0.98	( 0.62-	1.55)
76	HILL2	1	m -	-	-	-	1.45	( 0.75-	2.81)
76	HILL2	2	f -	-	-	-	1.16	( 0.70-	1.92)
Subtotal 76							1.26	( 0.84-	1.88)
Partial Totals			0	0	0	0			

\*prospective study

	NAmerica	Europe	Asia	Other	Total	
Relative risks						
	N	20	11	19	54	
	NS	15	8	15	40	
	Wt	363.70	230.16	348.99	42.18	985.03
	Het Chi	14.48	5.54	33.54	0.92	55.25
	Het df	19	10	18	3	53
	Het P	N.S.	N.S.	*	N.S.	N.S.
	Fixed RR	1.08	1.09	1.15	1.13	1.11
	RRl	0.97	0.96	1.03	0.84	1.04
	RRu	1.20	1.24	1.27	1.53	1.18
	P	N.S.	N.S.	+	N.S.	++
	Random RR	1.08	1.09	1.17	1.13	1.11
	RRl	0.97	0.96	1.00	0.84	1.04
	RRu	1.20	1.24	1.36	1.53	1.18
	P	N.S.	N.S.	(+)	N.S.	++
	Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.
	Between Chi		0.01	0.68	0.08	0.77
	Between df		1	1	1	3
	Between P		N.S.	N.S.	N.S.	N.S.

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 Within each study, results are selected according to the following order of preference:  
 1) HOU : a, x, p, f, m, q, r, s, c, y, b, other      3) TIM : e, a, z, y, w, f, v, c, other  
 2) TYP : t, g, other      4) UNX : 2, 1, 4, 3, other  
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 119  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Mother (specifically) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
22	SHIMIZ	4	f 10	5	80	158	3.95	( 1.31-	11.95)
29	WU-WIL	5	f119	192	298	410	0.85	( 0.65-	1.12)
32	STOCKW	8	f -	-	-	-	1.60	( 0.60-	4.30)
40	SUN	8	f -	-	-	-	2.05	( 1.29-	3.27)
Partial Totals			129	197	378	568			

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
22	SHIMIZ	4	f	t	1.37	3.14	4.77	0.0150
29	WU-WIL	5	f	t	-0.16	51.53	4.62	0.2528
32	STOCKW	8	f	t	0.47	3.96	0.43	0.3495
40	SUN	8	f	t	0.72	17.76	5.93	0.0025

Relative risks

	N	4
	NS	4
	Wt	76.39
Het	Chi	15.75
Het	df	3
Het	P	**
Fixed	RR	1.15
	RRl	0.92
	RRu	1.44
	P	N.S.
Random	RR	1.65
	RRl	0.84
	RRu	3.23
	P	N.S.
Asymm	P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 120  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Mother (specifically) - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
22	SHIMIZ	4	f 10	5	80	158	3.95	( 1.31-	11.95)
29	WU-WIL	5	f119	192	298	410	0.85	( 0.65-	1.12)
32	STOCKW	8	f -	-	-	-	1.60	( 0.60-	4.30)
40	SUN	8	f -	-	-	-	2.05	( 1.29-	3.27)
Partial Totals			129	197	378	568			

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
22	SHIMIZ	4	f	t	1.37	3.14	4.77	0.0150
29	WU-WIL	5	f	t	-0.16	51.53	4.62	0.2528
32	STOCKW	8	f	t	0.47	3.96	0.43	0.3495
40	SUN	8	f	t	0.72	17.76	5.93	0.0025

Relative risks

	N	4
	NS	4
	Wt	76.39
Het	Chi	15.75
Het	df	3
Het	P	**
Fixed	RR	1.15
	RR1	0.92
	RRu	1.44
	P	N.S.
Random	RR	1.65
	RR1	0.84
	RRu	3.23
	P	N.S.
Asymm	P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 121  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Mother (specifically) - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
32	STOCKW	8	f -	-	-	-	1.60 ( 0.60-	4.30)
Partial Totals			0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
22	SHIMIZ	4	f 10	5	80	158	3.95 ( 1.31-	11.95)
29	WU-WIL	5	f119	192	298	410	0.85 ( 0.65-	1.12)
40	SUN	8	f -	-	-	-	2.05 ( 1.29-	3.27)
Partial Totals			129	197	378	568		

\*prospective study

	NAmerica	Europe	Asia	Other	Total
Relative risks					
	N	1	3		4
	NS	1	3		4
	Wt	3.96	72.43		76.39
	Het Chi	0.00	15.30		15.75
	Het df	0	2		3
	Het P	N.S.	***		**
	Fixed RR	1.60	1.13		1.15
	RRl	0.60	0.90		0.92
	RRu	4.28	1.42		1.44
	P	N.S.	N.S.		N.S.
	Random RR	1.60	1.69		1.65
	RRl	0.60	0.74		0.84
	RRu	4.28	3.85		3.23
	P	N.S.	N.S.		N.S.
	Asymm P		N.S.		N.S.
	Between Chi		0.45		0.45
	Between df		1		1
	Between P		N.S.	N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 122  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Mother (specifically) - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
32	STOCKW	8	f -	-	-	-	1.60 ( 0.60-	4.30)
Partial Totals			0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
22	SHIMIZ	4	f 10	5	80	158	3.95 ( 1.31-	11.95)
29	WU-WIL	5	f119	192	298	410	0.85 ( 0.65-	1.12)
40	SUN	8	f -	-	-	-	2.05 ( 1.29-	3.27)
Partial Totals			129	197	378	568		

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

N	1	3	4
NS	1	3	4
Wt	3.96	72.43	76.39
Het Chi	0.00	15.30	15.75
Het df	0	2	3
Het P	N.S.	***	**
Fixed RR	1.60	1.13	1.15
RRl	0.60	0.90	0.92
RRu	4.28	1.42	1.44
P	N.S.	N.S.	N.S.
Random RR	1.60	1.69	1.65
RRl	0.60	0.74	0.84
RRu	4.28	3.85	3.23
P	N.S.	N.S.	N.S.
Asymm P		N.S.	N.S.
Between Chi		0.45	0.45
Between df		1	1
Between P	N.S.	N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 123  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Father (specifically) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
22	SHIMIZ	3	f 39	67	51	96	1.10 ( 0.65- 1.84)	
29	WU-WIL	7	f182	250	235	352	1.09 ( 0.85- 1.40)	
32	STOCKW	9	f -	-	-	-	1.20 ( 0.60- 2.30)	
40	SUN	9	f -	-	-	-	2.35 ( 1.56- 3.54)	
Partial Totals			221	317	286	448		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
22	SHIMIZ	3	f	t	0.09	14.17	0.41	0.7309
29	WU-WIL	7	f	t	0.09	60.27	1.83	0.5014
32	STOCKW	9	f	t	0.18	8.51	0.05	0.5948
40	SUN	9	f	t	0.85	22.88	8.06	0.0000

Relative risks

	N	4
	NS	4
	Wt	105.83
Het	Chi	10.35
Het	df	3
Het	P	*
Fixed	RR	1.30
	RRl	1.07
	RRu	1.57
	P	++
Random	RR	1.36
	RRl	0.91
	RRu	2.04
	P	N.S.
Asymm	P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 124  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Father (specifically) - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
22	SHIMIZ	3	f 39	67	51	96	1.10 ( 0.65- 1.84)	
29	WU-WIL	7	f182	250	235	352	1.09 ( 0.85- 1.40)	
32	STOCKW	9	f -	-	-	-	1.20 ( 0.60- 2.30)	
40	SUN	9	f -	-	-	-	2.35 ( 1.56- 3.54)	
Partial Totals			221	317	286	448		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
22	SHIMIZ	3	f	t	0.09	14.17	0.41	0.7309
29	WU-WIL	7	f	t	0.09	60.27	1.83	0.5014
32	STOCKW	9	f	t	0.18	8.51	0.05	0.5948
40	SUN	9	f	t	0.85	22.88	8.06	0.0000

Relative risks

	N	4
	NS	4
	Wt	105.83
Het	Chi	10.35
Het	df	3
Het	P	*
Fixed	RR	1.30
	RRl	1.07
	RRu	1.57
	P	++
Random	RR	1.36
	RRl	0.91
	RRu	2.04
	P	N.S.
Asymm	P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 125  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Father (specifically) - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
32	STOCKW	9	f -	-	-	-	1.20 ( 0.60-	2.30)
Partial Totals			0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
22	SHIMIZ	3	f 39	67	51	96	1.10 ( 0.65-	1.84)
29	WU-WIL	7	f182	250	235	352	1.09 ( 0.85-	1.40)
40	SUN	9	f -	-	-	-	2.35 ( 1.56-	3.54)
Partial Totals			221	317	286	448		

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

N	1	3	4
NS	1	3	4
Wt	8.51	97.32	105.83
Het Chi	0.00	10.29	10.35
Het df	0	2	3
Het P	N.S.	**	*
Fixed RR	1.20	1.31	1.30
RRl	0.61	1.07	1.07
RRu	2.35	1.59	1.57
P	N.S.	++	++
Random RR	1.20	1.41	1.36
RRl	0.61	0.85	0.91
RRu	2.35	2.33	2.04
P	N.S.	N.S.	N.S.
Asymm P		N.S.	N.S.
Between Chi		0.06	0.06
Between df		1	1
Between P	N.S.	N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 126  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Father (specifically) - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
32	STOCKW	9	f -	-	-	-	1.20 ( 0.60-	2.30)
Partial Totals			0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
22	SHIMIZ	3	f 39	67	51	96	1.10 ( 0.65-	1.84)
29	WU-WIL	7	f182	250	235	352	1.09 ( 0.85-	1.40)
40	SUN	9	f -	-	-	-	2.35 ( 1.56-	3.54)
Partial Totals			221	317	286	448		

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

N	1	3	4
NS	1	3	4
Wt	8.51	97.32	105.83
Het Chi	0.00	10.29	10.35
Het df	0	2	3
Het P	N.S.	**	*
Fixed RR	1.20	1.31	1.30
RRl	0.61	1.07	1.07
RRu	2.35	1.59	1.57
P	N.S.	++	++
Random RR	1.20	1.41	1.36
RRl	0.61	0.85	0.91
RRu	2.35	2.33	2.04
P	N.S.	N.S.	N.S.
Asymm P		N.S.	N.S.
Between Chi		0.06	0.06
Between df		1	1
Between P	N.S.	N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 127  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Not parents/spouse - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
22	SHIMIZ	7	f 24	52	66	111	0.78 ( 0.44- 1.37)	
32	STOCKW	10	f -	-	-	-	1.70 ( 0.80- 3.90)	
54	LEECH	10	f -	-	-	-	0.80 ( 0.51- 1.24)	
Partial Totals			24	52	66	111		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
22	SHIMIZ	7	f	t	-0.25	11.76	0.24	0.3851
32	STOCKW	10	f	t	0.53	6.12	2.51	0.1892
54	LEECH	10	f	t	-0.22	19.47	0.25	0.3249

Relative risks

	N	3
	NS	3
	Wt	37.35
Het	Chi	3.00
Het	df	2
Het	P	N.S.
Fixed	RR	0.90
	RRl	0.65
	RRu	1.24
	P	N.S.
Random	RR	0.93
	RRl	0.62
	RRu	1.40
	P	N.S.
Asymm	P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) HOU : y, s, q, r, c
- 2) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 128  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Not parents/spouse - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
22	SHIMIZ	7	f 24	52	66	111	0.78	( 0.44-	1.37)
32	STOCKW	10	f -	-	-	-	1.70	( 0.80-	3.90)
54	LEECH	9	f 51	93	217	352	0.89	( 0.61-	1.30)
Partial Totals			75	145	283	463			

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
22	SHIMIZ	7	f	t	-0.25	11.76	0.42	0.3851
32	STOCKW	10	f	t	0.53	6.12	2.16	0.1892
54	LEECH	9	f	t	-0.12	26.45	0.08	0.5472

Relative risks

	N	3
	NS	3
	Wt	44.33
Het	Chi	2.66
Het	df	2
Het	P	N.S.
Fixed	RR	0.94
	RRl	0.70
	RRu	1.26
	P	N.S.
Random	RR	0.96
	RRl	0.67
	RRu	1.37
	P	N.S.
Asymm	P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) HOU : y, s, q, r, c

2) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 129  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Not parents/spouse - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
32	STOCKW	10	f -	-	-	-	1.70	( 0.80- 3.90)
Partial Totals			0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
22	SHIMIZ	7	f 24	52	66	111	0.78	( 0.44- 1.37)
54	LEECH	10	f -	-	-	-	0.80	( 0.51- 1.24)
Partial Totals			24	52	66	111		

\*prospective study

	NAmerica	Europe	Asia	Other	Total
Relative risks					
	N	1	2		3
	NS	1	2		3
	Wt	6.12	31.22		37.35
	Het Chi	0.00	0.01		3.00
	Het df	0	1		2
	Het P	N.S.	N.S.		N.S.
Fixed	RR	1.70	0.79		0.90
	RRl	0.77	0.56		0.65
	RRu	3.75	1.12		1.24
	P	N.S.	N.S.		N.S.
Random	RR	1.70	0.79		0.93
	RRl	0.77	0.56		0.62
	RRu	3.75	1.12		1.40
	P	N.S.	N.S.		N.S.
Asymm	P				N.S.
Between	Chi		3.00		3.00
Between	df		1		1
Between	P		N.S.	(-)	N.S.
					(*)

---

Within each study, results are selected according to the following order of preference:  
 1) HOU : y, s, q, r, c  
 2) TIM : e, a, z, y, w, f, v, c, other  
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 130  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Not parents/spouse - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
32	STOCKW	10	f -	-	-	-	1.70 (	0.80- 3.90)
Partial Totals			0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
22	SHIMIZ	7	f 24	52	66	111	0.78 (	0.44- 1.37)
54	LEECH	9	f 51	93	217	352	0.89 (	0.61- 1.30)
Totals			75	145	283	463		

\*prospective study

	NAmerica	Europe	Asia	Other	Total
Relative risks					
	N	1	2		3
	NS	1	2		3
	Wt	6.12	38.20		44.33
	Het Chi	0.00	0.15		2.66
	Het df	0	1		2
	Het P	N.S.	N.S.		N.S.
	Fixed RR	1.70	0.85		0.94
	RRl	0.77	0.62		0.70
	RRu	3.75	1.17		1.26
	P	N.S.	N.S.		N.S.
	Random RR	1.70	0.85		0.96
	RRl	0.77	0.62		0.67
	RRu	3.75	1.17		1.37
	P	N.S.	N.S.		N.S.
	Asymm P				N.S.
	Between Chi		2.51		2.51
	Between df		1		1
	Between P		N.S.	N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) HOU : y, s, q, r, c

2) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 131  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Excluding Spouse (using ETS from mother where no more comprehensive index available) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
22	SHIMIZ	4	f 10	5	80	158	3.95 ( 1.31- 11.95)	
27	KALAND	7	f 75	92	15	26	1.41 ( 0.70- 2.86)	
29	WU-WIL	5	f119	192	298	410	0.85 ( 0.65- 1.12)	
32	STOCKW	8	f -	-	-	-	1.60 ( 0.60- 4.30)	
40	SUN	8	f -	-	-	-	2.05 ( 1.29- 3.27)	
48	ZARIDZ	12	f -	-	-	-	0.91 ( 0.58- 1.42)	
54	LEECH	10	f -	-	-	-	0.80 ( 0.51- 1.24)	
59	NISHIN	4	f -	-	-	-	0.53 ( 0.18- 1.50)	
85	HOSSEI	7	m 9	34	17	127	1.98 ( 0.81- 4.83)	
85	HOSSEI	15	m 9	34	17	136	2.12 ( 0.87- 5.16)	
85	HOSSEI	8	f 15	30	26	68	1.31 ( 0.61- 2.82)	
85	HOSSEI	16	f 15	30	40	89	1.11 ( 0.54- 2.29)	
Subtotal 85							1.49 ( 1.00- 2.24)	
Partial Totals			252	417	493	1014		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
22	SHIMIZ	4	f	t	1.37	3.14	5.11	0.0150
27	KALAND	7	f	t	0.35	7.73	0.48	0.3363
29	WU-WIL	5	f	t	-0.16	51.53	3.38	0.2528
32	STOCKW	8	f	t	0.47	3.96	0.55	0.3495
40	SUN	8	f	t	0.72	17.76	6.85	0.0025
48	ZARIDZ	12	f	t	-0.09	19.17	0.70	0.6797
54	LEECH	10	f	t	-0.22	19.47	1.99	0.3249
59	NISHIN	4	f	t	-0.63	3.42	1.83	0.2405
85	HOSSEI	7	m	t	0.68	4.83	1.65	0.1342
85	HOSSEI	15	m	t	0.75	4.84	2.07	0.0989
85	HOSSEI	8	f	t	0.27	6.53	0.19	0.4931
85	HOSSEI	16	f	t	0.11	7.34	0.00	0.7727
Subtotal 85					0.40	23.53	3.91	

Relative risks

N	12
NS	9
Wt	149.70
Het Chi	24.81
Het df	11
Het P	**
Fixed RR	1.10
RRl	0.94
RRu	1.29
P	N.S.
Random RR	1.25
RRl	0.95
RRu	1.64
P	N.S.
Asymm P	(*)

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 Within each study, results are selected according to the following order of preference:

- 1) HOU : x, p, m, f, q/r/s/c/y, other
- 2) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 132  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Excluding Spouse (using ETS from mother where no more comprehensive index available) - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
22	SHIMIZ	4	f 10	5	80	158	3.95	( 1.31-	11.95)
27	KALAND	7	f 75	92	15	26	1.41	( 0.70-	2.86)
29	WU-WIL	5	f119	192	298	410	0.85	( 0.65-	1.12)
32	STOCKW	8	f -	-	-	-	1.60	( 0.60-	4.30)
40	SUN	8	f -	-	-	-	2.05	( 1.29-	3.27)
48	ZARIDZ	11	f 38	73	151	285	0.98	( 0.63-	1.52)
54	LEECH	9	f 51	93	217	352	0.89	( 0.61-	1.30)
59	NISHIN	3	f 7	28977	17	44950	0.64	( 0.26-	1.54)
85	HOSSEI	7	m 9	34	17	127	1.98	( 0.81-	4.83)
85	HOSSEI	15	m 9	34	17	136	2.12	( 0.87-	5.16)
85	HOSSEI	8	f 15	30	26	68	1.31	( 0.61-	2.82)
85	HOSSEI	16	f 15	30	40	89	1.11	( 0.54-	2.29)
Subtotal 85							1.49	( 1.00-	2.24)
Partial Totals			348	29560	878	46601			

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
22	SHIMIZ	4	f	t	1.37	3.14	5.02	0.0150
27	KALAND	7	f	t	0.35	7.73	0.44	0.3363
29	WU-WIL	5	f	t	-0.16	51.53	3.68	0.2528
32	STOCKW	8	f	t	0.47	3.96	0.52	0.3495
40	SUN	8	f	t	0.72	17.76	6.61	0.0025
48	ZARIDZ	11	f	t	-0.02	19.94	0.31	0.9371
54	LEECH	9	f	t	-0.12	26.45	1.34	0.5472
59	NISHIN	3	f	t	-0.45	4.96	1.53	0.3181
85	HOSSEI	7	m	t	0.68	4.83	1.59	0.1342
85	HOSSEI	15	m	t	0.75	4.84	2.00	0.0989
85	HOSSEI	8	f	t	0.27	6.53	0.17	0.4931
85	HOSSEI	16	f	t	0.11	7.34	0.00	0.7727
Subtotal 85					0.40	23.53	3.75	

Relative risks

N	12
NS	9
Wt	159.00
Het Chi	23.21
Het df	11
Het P	*
Fixed RR	1.11
RRl	0.95
RRu	1.30
P	N.S.
Random RR	1.26
RRl	0.97
RRu	1.62
P	(+)
Asymm P	*

-----  
 Within each study, results are selected according to the following order of preference:

- 1) HOU : x, p, m, f, q/r/s/c/y, other
- 2) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 133  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Excluding Spouse (using ETS from mother where no more comprehensive index available) - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
32	STOCKW	8	f -	-	-	-	1.60	( 0.60- 4.30)
Partial Totals			0	0	0	0		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
27	KALAND	7	f 75	92	15	26	1.41	( 0.70- 2.86)
48	ZARIDZ	12	f -	-	-	-	0.91	( 0.58- 1.42)
Partial Totals			75	92	15	26		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
22	SHIMIZ	4	f 10	5	80	158	3.95	( 1.31- 11.95)
29	WU-WIL	5	f119	192	298	410	0.85	( 0.65- 1.12)
40	SUN	8	f -	-	-	-	2.05	( 1.29- 3.27)
54	LEECH	10	f -	-	-	-	0.80	( 0.51- 1.24)
59	NISHIN	4	f -	-	-	-	0.53	( 0.18- 1.50)
85	HOSSEI	7	m 9	34	17	127	1.98	( 0.81- 4.83)
85	HOSSEI	15	m 9	34	17	136	2.12	( 0.87- 5.16)
85	HOSSEI	8	f 15	30	26	68	1.31	( 0.61- 2.82)
85	HOSSEI	16	f 15	30	40	89	1.11	( 0.54- 2.29)
Subtotal 85							1.49	( 1.00- 2.24)
Partial Totals			177	325	478	988		

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

N	1	2	9	12
NS	1	2	6	9
Wt	3.96	26.90	118.84	149.70
Het Chi	0.00	1.07	23.08	24.81
Het df	0	1	8	11
Het P	N.S.	N.S.	**	**
Fixed RR	1.60	1.03	1.10	1.10
RRl	0.60	0.71	0.92	0.94
RRu	4.28	1.51	1.32	1.29
P	N.S.	N.S.	N.S.	N.S.
Random RR	1.60	1.04	1.29	1.25
RRl	0.60	0.70	0.91	0.95
RRu	4.28	1.54	1.85	1.64
P	N.S.	N.S.	N.S.	N.S.
Asymm P			N.S.	(*)
Between Chi		0.66	0.53	0.66
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

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 Within each study, results are selected according to the following order of preference:

- 1) HOU : x, p, m, f, q/r/s/c/y, other
- 2) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 134  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Excluding Spouse (using ETS from mother where no more comprehensive index available) - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
32	STOCKW	8	f -	-	-	-	1.60	( 0.60- 4.30)
Partial Totals			0	0	0	0		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
27	KALAND	7	f 75	92	15	26	1.41	( 0.70- 2.86)
48	ZARIDZ	11	f 38	73	151	285	0.98	( 0.63- 1.52)
Totals			113	165	166	311		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
22	SHIMIZ	4	f 10	5	80	158	3.95	( 1.31- 11.95)
29	WU-WIL	5	f119	192	298	410	0.85	( 0.65- 1.12)
40	SUN	8	f -	-	-	-	2.05	( 1.29- 3.27)
54	LEECH	9	f 51	93	217	352	0.89	( 0.61- 1.30)
59	NISHIN	3	f 7	28977	17	44950	0.64	( 0.26- 1.54)
85	HOSSEI	7	m 9	34	17	127	1.98	( 0.81- 4.83)
85	HOSSEI	15	m 9	34	17	136	2.12	( 0.87- 5.16)
85	HOSSEI	8	f 15	30	26	68	1.31	( 0.61- 2.82)
85	HOSSEI	16	f 15	30	40	89	1.11	( 0.54- 2.29)
Subtotal 85							1.49	( 1.00- 2.24)
Partial Totals			235	29395	712	46290		

\*prospective study

	NAmerica	Europe	Asia	Other	Total
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Relative risks

	N	1	2	9	12
	NS	1	2	6	9
	Wt	3.96	27.67	127.37	159.00
Het	Chi	0.00	0.74	21.93	23.21
Het	df	0	1	8	11
Het	P	N.S.	N.S.	**	*
Fixed	RR	1.60	1.09	1.11	1.11
	RRl	0.60	0.75	0.93	0.95
	RRu	4.28	1.58	1.32	1.30
	P	N.S.	N.S.	N.S.	N.S.
Random	RR	1.60	1.09	1.30	1.26
	RRl	0.60	0.75	0.93	0.97
	RRu	4.28	1.58	1.82	1.62
	P	N.S.	N.S.	N.S.	(+)
Asymm	P			(*)	*
Between	Chi		0.52	0.52	0.54
Between	df		1	1	2
Between	P		N.S.	N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) HOU : x, p, m, f, q/r/s/c/y, other
- 2) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 135  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Excluding Spouse (using ETS from father where no more comprehensive index available) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
22	SHIMIZ	3	f 39	67	51	96	1.10 ( 0.65- 1.84)	
27	KALAND	7	f 75	92	15	26	1.41 ( 0.70- 2.86)	
29	WU-WIL	7	f182	250	235	352	1.09 ( 0.85- 1.40)	
32	STOCKW	9	f -	-	-	-	1.20 ( 0.60- 2.30)	
40	SUN	9	f -	-	-	-	2.35 ( 1.56- 3.54)	
48	ZARIDZ	12	f -	-	-	-	0.91 ( 0.58- 1.42)	
54	LEECH	10	f -	-	-	-	0.80 ( 0.51- 1.24)	
59	NISHIN	4	f -	-	-	-	0.53 ( 0.18- 1.50)	
85	HOSSEI	7	m 9	34	17	127	1.98 ( 0.81- 4.83)	
85	HOSSEI	15	m 9	34	17	136	2.12 ( 0.87- 5.16)	
85	HOSSEI	8	f 15	30	26	68	1.31 ( 0.61- 2.82)	
85	HOSSEI	16	f 15	30	40	89	1.11 ( 0.54- 2.29)	
Subtotal 85							1.49 ( 1.00- 2.24)	
Partial Totals			344	537	401	894		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
22	SHIMIZ	3	f	t	0.09	14.17	0.10	0.7309
27	KALAND	7	f	t	0.35	7.73	0.22	0.3363
29	WU-WIL	7	f	t	0.09	60.27	0.48	0.5014
32	STOCKW	9	f	t	0.18	8.51	0.00	0.5948
40	SUN	9	f	t	0.85	22.88	10.55	0.0000
48	ZARIDZ	12	f	t	-0.09	19.17	1.39	0.6797
54	LEECH	10	f	t	-0.22	19.47	3.09	0.3249
59	NISHIN	4	f	t	-0.63	3.42	2.24	0.2405
85	HOSSEI	7	m	t	0.68	4.83	1.24	0.1342
85	HOSSEI	15	m	t	0.75	4.84	1.60	0.0989
85	HOSSEI	8	f	t	0.27	6.53	0.06	0.4931
85	HOSSEI	16	f	t	0.11	7.34	0.03	0.7727
Subtotal 85					0.40	23.53	2.93	

Relative risks

N	12
NS	9
Wt	179.15
Het Chi	21.01
Het df	11
Het P	*
Fixed RR	1.19
RRl	1.03
RRu	1.38
P	+
Random RR	1.22
RRl	0.97
RRu	1.52
P	(+)
Asymm P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) HOU : x, p, f, m, q/r/s/c/y, other
- 2) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 136  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Excluding Spouse (using ETS from father where no more comprehensive index available) - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
22	SHIMIZ	3	f 39	67	51	96	1.10 ( 0.65- 1.84)	
27	KALAND	7	f 75	92	15	26	1.41 ( 0.70- 2.86)	
29	WU-WIL	7	f182	250	235	352	1.09 ( 0.85- 1.40)	
32	STOCKW	9	f -	-	-	-	1.20 ( 0.60- 2.30)	
40	SUN	9	f -	-	-	-	2.35 ( 1.56- 3.54)	
48	ZARIDZ	11	f 38	73	151	285	0.98 ( 0.63- 1.52)	
54	LEECH	9	f 51	93	217	352	0.89 ( 0.61- 1.30)	
59	NISHIN	3	f 7	28977	17	44950	0.64 ( 0.26- 1.54)	
85	HOSSEI	7	m 9	34	17	127	1.98 ( 0.81- 4.83)	
85	HOSSEI	15	m 9	34	17	136	2.12 ( 0.87- 5.16)	
85	HOSSEI	8	f 15	30	26	68	1.31 ( 0.61- 2.82)	
85	HOSSEI	16	f 15	30	40	89	1.11 ( 0.54- 2.29)	
Subtotal 85							1.49 ( 1.00- 2.24)	
Partial Totals			440	29680	786	46481		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
22	SHIMIZ	3	f	t	0.09	14.17	0.11	0.7309
27	KALAND	7	f	t	0.35	7.73	0.21	0.3363
29	WU-WIL	7	f	t	0.09	60.27	0.54	0.5014
32	STOCKW	9	f	t	0.18	8.51	0.00	0.5948
40	SUN	9	f	t	0.85	22.88	10.38	0.0000
48	ZARIDZ	11	f	t	-0.02	19.94	0.79	0.9371
54	LEECH	9	f	t	-0.12	26.45	2.35	0.5472
59	NISHIN	3	f	t	-0.45	4.96	1.96	0.3181
85	HOSSEI	7	m	t	0.68	4.83	1.21	0.1342
85	HOSSEI	15	m	t	0.75	4.84	1.57	0.0989
85	HOSSEI	8	f	t	0.27	6.53	0.05	0.4931
85	HOSSEI	16	f	t	0.11	7.34	0.04	0.7727
Subtotal 85					0.40	23.53	2.87	

Relative risks

N	12
NS	9
Wt	188.45
Het Chi	19.21
Het df	11
Het P	(*)
Fixed RR	1.20
RRl	1.04
RRu	1.38
P	+
Random RR	1.23
RRl	1.00
RRu	1.52
P	(+)
Asymm P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) HOU : x, p, f, m, q/r/s/c/y, other
- 2) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 137  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Excluding Spouse (using ETS from father where no more comprehensive index available) - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
32	STOCKW	9	f -	-	-	-	1.20	( 0.60- 2.30)
Partial Totals			0	0	0	0		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
27	KALAND	7	f 75	92	15	26	1.41	( 0.70- 2.86)
48	ZARIDZ	12	f -	-	-	-	0.91	( 0.58- 1.42)
Partial Totals			75	92	15	26		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
22	SHIMIZ	3	f 39	67	51	96	1.10	( 0.65- 1.84)
29	WU-WIL	7	f182	250	235	352	1.09	( 0.85- 1.40)
40	SUN	9	f -	-	-	-	2.35	( 1.56- 3.54)
54	LEECH	10	f -	-	-	-	0.80	( 0.51- 1.24)
59	NISHIN	4	f -	-	-	-	0.53	( 0.18- 1.50)
85	HOSSEI	7	m 9	34	17	127	1.98	( 0.81- 4.83)
85	HOSSEI	15	m 9	34	17	136	2.12	( 0.87- 5.16)
85	HOSSEI	8	f 15	30	26	68	1.31	( 0.61- 2.82)
85	HOSSEI	16	f 15	30	40	89	1.11	( 0.54- 2.29)
Subtotal 85							1.49	( 1.00- 2.24)
Partial Totals			269	445	386	868		

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

	N	1	2	9	12
	NS	1	2	6	9
	Wt	8.51	26.90	143.74	179.15
Het	Chi	0.00	1.07	19.29	21.01
Het	df	0	1	8	11
Het	P	N.S.	N.S.	*	*
Fixed	RR	1.20	1.03	1.22	1.19
	RRl	0.61	0.71	1.04	1.03
	RRu	2.35	1.51	1.44	1.38
	P	N.S.	N.S.	+	+
Random	RR	1.20	1.04	1.26	1.22
	RRl	0.61	0.70	0.94	0.97
	RRu	2.35	1.54	1.68	1.52
	P	N.S.	N.S.	N.S.	(+)
Asymm	P			N.S.	N.S.
Between	Chi		0.15	0.00	0.65
Between	df		1	1	2
Between	P		N.S.	N.S.	N.S.

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 Within each study, results are selected according to the following order of preference:

- 1) HOU : x, p, f, m, q/r/s/c/y, other
- 2) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 138  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 08-DEC-11  
 Excluding Spouse (using ETS from father where no more comprehensive index available) - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
32	STOCKW	9	f -	-	-	-	1.20	( 0.60- 2.30)
Partial Totals			0	0	0	0		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
27	KALAND	7	f 75	92	15	26	1.41	( 0.70- 2.86)
48	ZARIDZ	11	f 38	73	151	285	0.98	( 0.63- 1.52)
Totals			113	165	166	311		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
22	SHIMIZ	3	f 39	67	51	96	1.10	( 0.65- 1.84)
29	WU-WIL	7	f182	250	235	352	1.09	( 0.85- 1.40)
40	SUN	9	f -	-	-	-	2.35	( 1.56- 3.54)
54	LEECH	9	f 51	93	217	352	0.89	( 0.61- 1.30)
59	NISHIN	3	f 7	28977	17	44950	0.64	( 0.26- 1.54)
85	HOSSEI	7	m 9	34	17	127	1.98	( 0.81- 4.83)
85	HOSSEI	15	m 9	34	17	136	2.12	( 0.87- 5.16)
85	HOSSEI	8	f 15	30	26	68	1.31	( 0.61- 2.82)
85	HOSSEI	16	f 15	30	40	89	1.11	( 0.54- 2.29)
Subtotal 85							1.49	( 1.00- 2.24)
Partial Totals			327	29515	620	46170		

\*prospective study

	NAmerica	Europe	Asia	Other	Total
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Relative risks

N	1	2	9		12
NS	1	2	6		9
Wt	8.51	27.67	152.26		188.45
Het Chi	0.00	0.74	18.16		19.21
Het df	0	1	8		11
Het P	N.S.	N.S.	*		(*)
Fixed RR	1.20	1.09	1.22		1.20
RRl	0.61	0.75	1.04		1.04
RRu	2.35	1.58	1.43		1.38
P	N.S.	N.S.	+		+
Random RR	1.20	1.09	1.27		1.23
RRl	0.61	0.75	0.96		1.00
RRu	2.35	1.58	1.67		1.52
P	N.S.	N.S.	(+)		(+)
Asymm P			N.S.		N.S.
Between Chi		0.06	0.00		0.31
Between df		1	1		2
Between P		N.S.	N.S.	N.S.	N.S.

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 Within each study, results are selected according to the following order of preference:

- 1) HOU : x, p, f, m, q/r/s/c/y, other
- 2) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 139  
ETS and Lung Cancer - Meta-Analysis of Travel Exposure, 08-DEC-11  
 Both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	21	m 3	29	8	101	1.31 ( 0.33-	5.24)
12	LEE	22	f 2	64	28	238	0.27 ( 0.06-	1.14)
Subtotal 12							0.61 ( 0.22-	1.68)
38	KABAT2	27	m 9	18	32	99	1.55 ( 0.63-	3.78)
38	KABAT2	28	f 19	32	50	155	1.84 ( 0.96-	3.53)
Subtotal 38							1.73 ( 1.02-	2.93)
46	BOFFET	90	m -	-	-	-	1.39 ( 0.84-	2.28)
46	BOFFET	92	f -	-	-	-	1.07 ( 0.79-	1.45)
Subtotal 46							1.15 ( 0.89-	1.49)
51	RAPITI	28	c -	-	-	-	5.20 ( 1.90-	14.00)
60	OHNO	24	f -	-	-	-	0.99 ( 0.57-	1.72)
Partial Totals			33	143	118	593		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
12	LEE	21	m	t	0.27	1.99	0.00	0.7065
12	LEE	22	f	t	-1.33	1.80	4.29	0.0753
Subtotal 12					-0.49	3.79	4.29	
38	KABAT2	27	m	t	0.44	4.81	0.23	0.3388
38	KABAT2	28	f	t	0.61	9.06	1.39	0.0662
Subtotal 38					0.55	13.87	1.62	
46	BOFFET	90	m	t	0.33	15.41	0.19	0.1961
46	BOFFET	92	f	t	0.07	41.66	0.94	0.6623
Subtotal 46					0.14	57.08	1.13	
51	RAPITI	28	c	t	1.65	3.85	7.88	0.0012
60	OHNO	24	f	t	-0.01	12.60	0.66	0.9715

Relative risks

	N	8
	NS	5
	Wt	91.19
Het	Chi	15.59
Het	df	7
Het	P	*
Fixed	RR	1.24
	RRl	1.01
	RRu	1.53
	P	+
Random	RR	1.34
	RRl	0.94
	RRu	1.93
	P	N.S.
Asymm	P	N.S.

Table 140  
ETS and Lung Cancer - Meta-Analysis of Travel Exposure, 08-DEC-11  
 Both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
12	LEE	21	m 3	29	8	101	1.31	( 0.33-	5.24)
12	LEE	22	f 2	64	28	238	0.27	( 0.06-	1.14)
Subtotal 12							0.61	( 0.22-	1.68)
38	KABAT2	27	m 9	18	32	99	1.55	( 0.63-	3.78)
38	KABAT2	28	f 19	32	50	155	1.84	( 0.96-	3.53)
Subtotal 38							1.73	( 1.02-	2.93)
46	BOFFET	89	m 36	125	105	406	1.11	( 0.73-	1.71)
46	BOFFET	91	f 89	185	420	826	0.95	( 0.72-	1.25)
Subtotal 46							0.99	( 0.79-	1.25)
51	RAPITI	28	c -	-	-	-	5.20	( 1.90-	14.00)
60	OHNO	23	f 22	38	167	287	0.99	( 0.57-	1.74)
Partial Totals			180	491	810	2112			

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
12	LEE	21	m	t	0.27	1.99	0.05	0.7065
12	LEE	22	f	t	-1.33	1.80	3.72	0.0753
Subtotal 12					-0.49	3.79	3.76	
38	KABAT2	27	m	t	0.44	4.81	0.51	0.3388
38	KABAT2	28	f	t	0.61	9.06	2.26	0.0662
Subtotal 38					0.55	13.87	2.76	
46	BOFFET	89	m	t	0.11	20.94	0.00	0.6225
46	BOFFET	91	f	t	-0.06	49.42	1.37	0.6970
Subtotal 46					-0.01	70.36	1.37	
51	RAPITI	28	c	t	1.65	3.85	9.11	0.0012
60	OHNO	23	f	t	-0.01	12.31	0.17	0.9858

Relative risks

	N	8
	NS	5
	Wt	104.18
Het	Chi	17.17
Het	df	7
Het	P	*
Fixed	RR	1.12
	RRl	0.92
	RRu	1.35
	P	N.S.
Random	RR	1.26
	RRl	0.87
	RRu	1.81
	P	N.S.
Asymm	P	N.S.

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Table 141  
ETS and Lung Cancer - Meta-Analysis of Travel Exposure, 08-DEC-11  
 Both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
38	KABAT2	27	m 9	18	32	99	1.55 ( 0.63-	3.78)
38	KABAT2	28	f 19	32	50	155	1.84 ( 0.96-	3.53)
Subtotal 38							1.73 ( 1.02-	2.93)
Totals			28	50	82	254		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	21	m 3	29	8	101	1.31 ( 0.33-	5.24)
12	LEE	22	f 2	64	28	238	0.27 ( 0.06-	1.14)
Subtotal 12							0.61 ( 0.22-	1.68)
46	BOFFET	90	m -	-	-	-	1.39 ( 0.84-	2.28)
46	BOFFET	92	f -	-	-	-	1.07 ( 0.79-	1.45)
Subtotal 46							1.15 ( 0.89-	1.49)
Partial Totals			5	93	36	339		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
51	RAPITI	28	c -	-	-	-	5.20 ( 1.90-	14.00)
60	OHNO	24	f -	-	-	-	0.99 ( 0.57-	1.72)
Partial Totals			0	0	0	0		

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

N	2	4	2	8
NS	1	2	2	5
Wt	13.87	60.87	16.45	91.19
Het Chi	0.09	4.57	8.12	15.59
Het df	1	3	1	7
Het P	N.S.	N.S.	**	*
Fixed RR	1.73	1.10	1.46	1.24
RRl	1.02	0.86	0.90	1.01
RRu	2.93	1.42	2.37	1.53
P	+	N.S.	N.S.	+
Random RR	1.73	1.08	2.15	1.34
RRl	1.02	0.73	0.42	0.94
RRu	2.93	1.61	10.88	1.93
P	+	N.S.	N.S.	N.S.
Asymm P		N.S.		N.S.
Between Chi		2.29	0.22	2.81
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

Table 142  
ETS and Lung Cancer - Meta-Analysis of Travel Exposure, 08-DEC-11  
 Both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
38	KABAT2	27	m 9	18	32	99	1.55 ( 0.63-	3.78)
38	KABAT2	28	f 19	32	50	155	1.84 ( 0.96-	3.53)
Subtotal 38							1.73 ( 1.02-	2.93)
Totals			28	50	82	254		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	21	m 3	29	8	101	1.31 ( 0.33-	5.24)
12	LEE	22	f 2	64	28	238	0.27 ( 0.06-	1.14)
Subtotal 12							0.61 ( 0.22-	1.68)
46	BOFFET	89	m 36	125	105	406	1.11 ( 0.73-	1.71)
46	BOFFET	91	f 89	185	420	826	0.95 ( 0.72-	1.25)
Subtotal 46							0.99 ( 0.79-	1.25)
Totals			130	403	561	1571		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
51	RAPITI	28	c -	-	-	-	5.20 ( 1.90-	14.00)
60	OHNO	23	f 22	38	167	287	0.99 ( 0.57-	1.74)
Partial Totals			22	38	167	287		

\*prospective study

NAmerica      Europe      Asia      Other      Total

Relative risks

N	2	4	2	8
NS	1	2	2	5
Wt	13.87	74.15	16.16	104.18
Het Chi	0.09	3.63	8.02	17.17
Het df	1	3	1	7
Het P	N.S.	N.S.	**	*
Fixed RR	1.73	0.97	1.48	1.12
RRl	1.02	0.77	0.91	0.92
RRu	2.93	1.22	2.40	1.35
P	+	N.S.	N.S.	N.S.
Random RR	1.73	0.96	2.16	1.26
RRl	1.02	0.72	0.43	0.87
RRu	2.93	1.29	10.86	1.81
P	+	N.S.	N.S.	N.S.
Asymm P		N.S.		N.S.
Between Chi		3.95	0.19	5.43
Between df		1	1	2
Between P		-	N.S.	N.S. (*)

Table 143  
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 08-DEC-11  
 Both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	11	f 19	43	42	135	1.42 ( 0.75- 2.70)	
12	LEE	11	m 9	87	3	45	1.55 ( 0.40- 6.02)	
12	LEE	12	f 16	202	15	116	0.61 ( 0.29- 1.28)	
Subtotal 12							0.76 ( 0.40- 1.45)	
26	JANERI	9	c -	-	-	-	0.59 ( 0.43- 0.81)	
35	FONTHA	22	f -	-	-	-	1.50 ( 1.19- 1.89)	
38	KABAT2	11	m 25	62	16	55	1.39 ( 0.67- 2.86)	
38	KABAT2	12	f 28	67	41	120	1.22 ( 0.69- 2.15)	
Subtotal 38							1.28 ( 0.82- 2.00)	
43	CARDEN	19	m -	-	-	-	0.58 ( 0.34- 0.99)	
43	CARDEN	20	f -	-	-	-	0.99 ( 0.62- 1.56)	
Subtotal 43							0.79 ( 0.56- 1.12)	
46	BOFFET	48	m -	-	-	-	1.24 ( 0.79- 1.93)	
46	BOFFET	50	f -	-	-	-	0.95 ( 0.73- 1.24)	
Subtotal 46							1.02 ( 0.81- 1.28)	
60	OHNO	26	f -	-	-	-	1.25 ( 0.63- 2.48)	
77	ASOMAN	3	c 99	337	39	129	0.97 ( 0.64- 1.48)	
85	HOSSEI	19	m 0	1	26	169	2.13~( 0.08- 53.72)	
85	HOSSEI	20	f 0	3	55	116	0.30~( 0.02- 5.91)	
Subtotal 85							0.74 ( 0.08- 6.61)	
Partial Totals			196	802	237	885		

\*prospective study

~ With 0.5 adjustment for zero

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
8	GARFI2	11	f	t	0.35	9.34	0.95	0.2837
12	LEE	11	m	t	0.44	2.09	0.35	0.5252
12	LEE	12	f	t	-0.49	7.01	1.91	0.1945
Subtotal 12					-0.28	9.10	2.26	
26	JANERI	9	c	t	-0.53	38.32	12.03	0.0011
35	FONTHA	22	f	t	0.41	71.80	9.98	0.0006
38	KABAT2	11	m	t	0.33	7.31	0.63	0.3774
38	KABAT2	12	f	t	0.20	12.00	0.34	0.4854
Subtotal 38					0.25	19.31	0.97	
43	CARDEN	19	m	t	-0.54	13.45	4.48	0.0457
43	CARDEN	20	f	t	-0.01	18.05	0.03	0.9659
Subtotal 43					-0.24	31.50	4.52	
46	BOFFET	48	m	t	0.22	19.26	0.64	0.3452
46	BOFFET	50	f	t	-0.05	54.74	0.39	0.7043
Subtotal 46					0.02	74.00	1.03	
60	OHNO	26	f	t	0.22	8.18	0.30	0.5233
77	ASOMAN	3	c	t	-0.03	21.52	0.08	0.8940
85	HOSSEI	19	m	t	0.76	0.37	0.19	0.6456
85	HOSSEI	20	f	t	-1.20	0.43	0.66	0.4283
Subtotal 85					-0.30	0.80	0.86	

-----  
 Within each study, results are selected according to the following order of preference:

1) TIM : e, a, z, y, w, f, v, c, other

2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table 143  
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 08-DEC-11  
 Both sexes  
 Overall analysis - adjusted

Relative risks

	N	15
	NS	10
	Wt	283.86
Het	Chi	32.96
Het	df	14
Het	P	**
Fixed	RR	1.03
	RRl	0.92
	RRu	1.16
	P	N.S.
Random	RR	1.01
	RRl	0.82
	RRu	1.24
	P	N.S.
Asymm	P	N.S.

---

Within each study, results are selected according to the following order of preference:

1) TIM : e, a, z, y, w, f, v, c, other

2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 144  
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 08-DEC-11  
 Both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	11	f 19	43	42	135	1.42 (	0.75- 2.70)
12	LEE	11	m 9	87	3	45	1.55 (	0.40- 6.02)
12	LEE	12	f 16	202	15	116	0.61 (	0.29- 1.28)
Subtotal 12							0.76 (	0.40- 1.45)
26	JANERI	9	c -	-	-	-	0.59 (	0.43- 0.81)
35	FONTHA	21	f189	297	426	947	1.41 (	1.14- 1.75)
38	KABAT2	11	m 25	62	16	55	1.39 (	0.67- 2.86)
38	KABAT2	12	f 28	67	41	120	1.22 (	0.69- 2.15)
Subtotal 38							1.28 (	0.82- 2.00)
43	CARDEN	19	m -	-	-	-	0.58 (	0.34- 0.99)
43	CARDEN	20	f -	-	-	-	0.99 (	0.62- 1.56)
Subtotal 43							0.79 (	0.56- 1.12)
46	BOFFET	47	m 55	204	86	327	1.03 (	0.70- 1.50)
46	BOFFET	49	f119	250	390	761	0.93 (	0.72- 1.19)
Subtotal 46							0.96 (	0.78- 1.18)
60	OHNO	25	f 16	23	172	303	1.23 (	0.63- 2.38)
77	ASOMAN	3	c 99	337	39	129	0.97 (	0.64- 1.48)
85	HOSSEI	19	m 0	1	26	169	2.13~(	0.08- 53.72)
85	HOSSEI	20	f 0	3	55	116	0.30~(	0.02- 5.91)
Subtotal 85							0.74 (	0.08- 6.61)
Partial Totals			575	1576	1311	3223		

\*prospective study

~ With 0.5 adjustment for zero

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
8	GARFI2	11	f	t	0.35	9.34	1.07	0.2837
12	LEE	11	m	t	0.44	2.09	0.38	0.5252
12	LEE	12	f	t	-0.49	7.01	1.76	0.1945
Subtotal 12					-0.28	9.10	2.15	
26	JANERI	9	c	t	-0.53	38.32	11.15	0.0011
35	FONTHA	21	f	t	0.35	82.91	9.31	0.0016
38	KABAT2	11	m	t	0.33	7.31	0.72	0.3774
38	KABAT2	12	f	t	0.20	12.00	0.43	0.4854
Subtotal 38					0.25	19.31	1.16	
43	CARDEN	19	m	t	-0.54	13.45	4.17	0.0457
43	CARDEN	20	f	t	-0.01	18.05	0.01	0.9659
Subtotal 43					-0.24	31.50	4.17	
46	BOFFET	47	m	t	0.02	26.48	0.00	0.8984
46	BOFFET	49	f	t	-0.07	61.42	0.45	0.5627
Subtotal 46					-0.04	87.90	0.45	
60	OHNO	25	f	t	0.20	8.69	0.32	0.5489
77	ASOMAN	3	c	t	-0.03	21.52	0.04	0.8940
85	HOSSEI	19	m	t	0.76	0.37	0.20	0.6456
85	HOSSEI	20	f	t	-1.20	0.43	0.64	0.4283
Subtotal 85					-0.30	0.80	0.84	

-----  
 Within each study, results are selected according to the following order of preference:

1) TIM : e, a, z, y, w, f, v, c, other

2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 144  
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 08-DEC-11  
 Both sexes  
 Overall analysis - unadjusted

Relative risks

	N	15
	NS	10
	Wt	309.37
Het	Chi	30.66
Het	df	14
Het	P	**
Fixed	RR	1.01
	RRl	0.91
	RRu	1.13
	P	N.S.
Random	RR	0.98
	RRl	0.81
	RRu	1.19
	P	N.S.
Asymm	P	N.S.

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Within each study, results are selected according to the following order of preference:

1) TIM : e, a, z, y, w, f, v, c, other

2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 145  
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 08-DEC-11  
 Both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	11	f 19	43	42	135	1.42 ( 0.75- 2.70)	
26	JANERI	9	c -	-	-	-	0.59 ( 0.43- 0.81)	
35	FONTHA	22	f -	-	-	-	1.50 ( 1.19- 1.89)	
38	KABAT2	11	m 25	62	16	55	1.39 ( 0.67- 2.86)	
38	KABAT2	12	f 28	67	41	120	1.22 ( 0.69- 2.15)	
Subtotal 38							1.28 ( 0.82- 2.00)	
43	CARDEN	19	m -	-	-	-	0.58 ( 0.34- 0.99)	
43	CARDEN	20	f -	-	-	-	0.99 ( 0.62- 1.56)	
Subtotal 43							0.79 ( 0.56- 1.12)	
77	ASOMAN	3	c 99	337	39	129	0.97 ( 0.64- 1.48)	
Partial Totals			171	509	138	439		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	11	m 9	87	3	45	1.55 ( 0.40- 6.02)	
12	LEE	12	f 16	202	15	116	0.61 ( 0.29- 1.28)	
Subtotal 12							0.76 ( 0.40- 1.45)	
46	BOFFET	48	m -	-	-	-	1.24 ( 0.79- 1.93)	
46	BOFFET	50	f -	-	-	-	0.95 ( 0.73- 1.24)	
Subtotal 46							1.02 ( 0.81- 1.28)	
Partial Totals			25	289	18	161		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
60	OHNO	26	f -	-	-	-	1.25 ( 0.63- 2.48)	
85	HOSSEI	19	m 0	1	26	169	2.13~( 0.08- 53.72)	
85	HOSSEI	20	f 0	3	55	116	0.30~( 0.02- 5.91)	
Subtotal 85							0.74 ( 0.08- 6.61)	
Partial Totals			0	4	81	285		

\*prospective study

~ With 0.5 adjustment for zero

	NAmerica	Europe	Asia	Other	Total
Relative risks					
	N	8	4	3	15
	NS	6	2	2	10
	Wt	191.78	83.09	8.98	283.86
	Het Chi	28.49	3.11	0.97	32.96
	Het df	7	3	2	14
	Het P	***	N.S.	N.S.	**
Fixed	RR	1.05	0.99	1.19	1.03
	RRl	0.91	0.80	0.62	0.92
	RRu	1.21	1.22	2.29	1.16
	P	N.S.	N.S.	N.S.	N.S.
Random	RR	1.01	0.99	1.19	1.01
	RRl	0.74	0.79	0.62	0.82
	RRu	1.37	1.24	2.29	1.24
	P	N.S.	N.S.	N.S.	N.S.
Asymm	P	N.S.	N.S.	N.S.	N.S.
Between	Chi		0.21	0.15	0.40
Between	df		1	1	2
Between	P		N.S.	N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) TIM : e, a, z, y, w, f, v, c, other

2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 146  
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 08-DEC-11  
 Both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	11	f 19	43	42	135	1.42 ( 0.75- 2.70)	
26	JANERI	9	c -	-	-	-	0.59 ( 0.43- 0.81)	
35	FONTHA	21	f189	297	426	947	1.41 ( 1.14- 1.75)	
38	KABAT2	11	m 25	62	16	55	1.39 ( 0.67- 2.86)	
38	KABAT2	12	f 28	67	41	120	1.22 ( 0.69- 2.15)	
Subtotal 38							1.28 ( 0.82- 2.00)	
43	CARDEN	19	m -	-	-	-	0.58 ( 0.34- 0.99)	
43	CARDEN	20	f -	-	-	-	0.99 ( 0.62- 1.56)	
Subtotal 43							0.79 ( 0.56- 1.12)	
77	ASOMAN	3	c 99	337	39	129	0.97 ( 0.64- 1.48)	
Partial Totals			360	806	564	1386		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	11	m 9	87	3	45	1.55 ( 0.40- 6.02)	
12	LEE	12	f 16	202	15	116	0.61 ( 0.29- 1.28)	
Subtotal 12							0.76 ( 0.40- 1.45)	
46	BOFFET	47	m 55	204	86	327	1.03 ( 0.70- 1.50)	
46	BOFFET	49	f119	250	390	761	0.93 ( 0.72- 1.19)	
Subtotal 46							0.96 ( 0.78- 1.18)	
Totals			199	743	494	1249		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
60	OHNO	25	f 16	23	172	303	1.23 ( 0.63- 2.38)	
85	HOSSEI	19	m 0	1	26	169	2.13~( 0.08- 53.72)	
85	HOSSEI	20	f 0	3	55	116	0.30~( 0.02- 5.91)	
Subtotal 85							0.74 ( 0.08- 6.61)	
Totals			16	27	253	588		

\*prospective study

~ With 0.5 adjustment for zero

	NAmerica	Europe	Asia	Other	Total
Relative risks					
	N	8	4	3	15
	NS	6	2	2	10
	Wt	202.89	96.99	9.49	309.37
	Het Chi	26.71	2.02	0.95	30.66
	Het df	7	3	2	14
	Het P	***	N.S.	N.S.	**
Fixed	RR	1.04	0.94	1.17	1.01
	RRl	0.91	0.77	0.62	0.91
	RRu	1.20	1.14	2.22	1.13
	P	N.S.	N.S.	N.S.	N.S.
Random	RR	1.00	0.94	1.17	0.98
	RRl	0.74	0.77	0.62	0.81
	RRu	1.34	1.14	2.22	1.19
	P	N.S.	N.S.	N.S.	N.S.
Asymm	P	N.S.	N.S.	N.S.	N.S.
Between	Chi		0.76	0.13	0.98
Between	df		1	1	2
Between	P		N.S.	N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) TIM : e, a, z, y, w, f, v, c, other

2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 143  
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 08-DEC-11  
 Alternative analysis excluding Janerich - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	11	f 19	43	42	135	1.42 ( 0.75- 2.70)	
12	LEE	11	m 9	87	3	45	1.55 ( 0.40- 6.02)	
12	LEE	12	f 16	202	15	116	0.61 ( 0.29- 1.28)	
Subtotal 12							0.76 ( 0.40- 1.45)	
35	FONTHA	22	f -	-	-	-	1.50 ( 1.19- 1.89)	
38	KABAT2	11	m 25	62	16	55	1.39 ( 0.67- 2.86)	
38	KABAT2	12	f 28	67	41	120	1.22 ( 0.69- 2.15)	
Subtotal 38							1.28 ( 0.82- 2.00)	
43	CARDEN	19	m -	-	-	-	0.58 ( 0.34- 0.99)	
43	CARDEN	20	f -	-	-	-	0.99 ( 0.62- 1.56)	
Subtotal 43							0.79 ( 0.56- 1.12)	
46	BOFFET	48	m -	-	-	-	1.24 ( 0.79- 1.93)	
46	BOFFET	50	f -	-	-	-	0.95 ( 0.73- 1.24)	
Subtotal 46							1.02 ( 0.81- 1.28)	
60	OHNO	26	f -	-	-	-	1.25 ( 0.63- 2.48)	
77	ASOMAN	3	c 99	337	39	129	0.97 ( 0.64- 1.48)	
85	HOSSEI	19	m 0	1	26	169	2.13~( 0.08- 53.72)	
85	HOSSEI	20	f 0	3	55	116	0.30~( 0.02- 5.91)	
Subtotal 85							0.74 ( 0.08- 6.61)	
Partial Totals			196	802	237	885		

\*prospective study

~ With 0.5 adjustment for zero

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
8	GARFI2	11	f	t	0.35	9.34	0.50	0.2837
12	LEE	11	m	t	0.44	2.09	0.21	0.5252
12	LEE	12	f	t	-0.49	7.01	2.61	0.1945
Subtotal 12					-0.28	9.10	2.82	
35	FONTHA	22	f	t	0.41	71.80	5.85	0.0006
38	KABAT2	11	m	t	0.33	7.31	0.31	0.3774
38	KABAT2	12	f	t	0.20	12.00	0.08	0.4854
Subtotal 38					0.25	19.31	0.39	
43	CARDEN	19	m	t	-0.54	13.45	5.94	0.0457
43	CARDEN	20	f	t	-0.01	18.05	0.31	0.9659
Subtotal 43					-0.24	31.50	6.25	
46	BOFFET	48	m	t	0.22	19.26	0.17	0.3452
46	BOFFET	50	f	t	-0.05	54.74	1.61	0.7043
Subtotal 46					0.02	74.00	1.78	
60	OHNO	26	f	t	0.22	8.18	0.09	0.5233
77	ASOMAN	3	c	t	-0.03	21.52	0.48	0.8940
85	HOSSEI	19	m	t	0.76	0.37	0.15	0.6456
85	HOSSEI	20	f	t	-1.20	0.43	0.76	0.4283
Subtotal 85					-0.30	0.80	0.91	

Relative risks

N	14
NS	9
Wt	245.54
Het Chi	19.06
Het df	13
Het P	N.S.
Fixed RR	1.13
RRl	0.99
RRu	1.28
P	(+)
Random RR	1.09
RRl	0.91
RRu	1.29
P	N.S.
Asymm P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) TIM : e, a, z, y, w, f, v, c, other

2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 144  
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 08-DEC-11  
 Alternative analysis excluding Janerich - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	11	f 19	43	42	135	1.42 ( 0.75- 2.70)	
12	LEE	11	m 9	87	3	45	1.55 ( 0.40- 6.02)	
12	LEE	12	f 16	202	15	116	0.61 ( 0.29- 1.28)	
Subtotal 12							0.76 ( 0.40- 1.45)	
35	FONTHA	21	f189	297	426	947	1.41 ( 1.14- 1.75)	
38	KABAT2	11	m 25	62	16	55	1.39 ( 0.67- 2.86)	
38	KABAT2	12	f 28	67	41	120	1.22 ( 0.69- 2.15)	
Subtotal 38							1.28 ( 0.82- 2.00)	
43	CARDEN	19	m -	-	-	-	0.58 ( 0.34- 0.99)	
43	CARDEN	20	f -	-	-	-	0.99 ( 0.62- 1.56)	
Subtotal 43							0.79 ( 0.56- 1.12)	
46	BOFFET	47	m 55	204	86	327	1.03 ( 0.70- 1.50)	
46	BOFFET	49	f119	250	390	761	0.93 ( 0.72- 1.19)	
Subtotal 46							0.96 ( 0.78- 1.18)	
60	OHNO	25	f 16	23	172	303	1.23 ( 0.63- 2.38)	
77	ASOMAN	3	c 99	337	39	129	0.97 ( 0.64- 1.48)	
85	HOSSEI	19	m 0	1	26	169	2.13~( 0.08- 53.72)	
85	HOSSEI	20	f 0	3	55	116	0.30~( 0.02- 5.91)	
Subtotal 85							0.74 ( 0.08- 6.61)	
Partial Totals			575	1576	1311	3223		

\*prospective study

~ With 0.5 adjustment for zero

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
8	GARFI2	11	f	t	0.35	9.34	0.65	0.2837
12	LEE	11	m	t	0.44	2.09	0.26	0.5252
12	LEE	12	f	t	-0.49	7.01	2.34	0.1945
Subtotal 12					-0.28	9.10	2.60	
35	FONTHA	21	f	t	0.35	82.91	5.56	0.0016
38	KABAT2	11	m	t	0.33	7.31	0.42	0.3774
38	KABAT2	12	f	t	0.20	12.00	0.15	0.4854
Subtotal 38					0.25	19.31	0.57	
43	CARDEN	19	m	t	-0.54	13.45	5.38	0.0457
43	CARDEN	20	f	t	-0.01	18.05	0.17	0.9659
Subtotal 43					-0.24	31.50	5.56	
46	BOFFET	47	m	t	0.02	26.48	0.11	0.8984
46	BOFFET	49	f	t	-0.07	61.42	1.61	0.5627
Subtotal 46					-0.04	87.90	1.71	
60	OHNO	25	f	t	0.20	8.69	0.12	0.5489
77	ASOMAN	3	c	t	-0.03	21.52	0.29	0.8940
85	HOSSEI	19	m	t	0.76	0.37	0.17	0.6456
85	HOSSEI	20	f	t	-1.20	0.43	0.72	0.4283
Subtotal 85					-0.30	0.80	0.89	

Relative risks

N	14
NS	9
Wt	271.06
Het Chi	17.94
Het df	13
Het P	N.S.
Fixed RR	1.09
RRl	0.97
RRu	1.23
P	N.S.
Random RR	1.06
RRl	0.90
RRu	1.24
P	N.S.
Asymm P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) TIM : e, a, z, y, w, f, v, c, other

2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 145  
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 08-DEC-11  
 Alternative analysis excluding Janerich - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	11	f 19	43	42	135	1.42 ( 0.75- 2.70)	
35	FONTHA	22	f -	-	-	-	1.50 ( 1.19- 1.89)	
38	KABAT2	11	m 25	62	16	55	1.39 ( 0.67- 2.86)	
38	KABAT2	12	f 28	67	41	120	1.22 ( 0.69- 2.15)	
Subtotal 38							1.28 ( 0.82- 2.00)	
43	CARDEN	19	m -	-	-	-	0.58 ( 0.34- 0.99)	
43	CARDEN	20	f -	-	-	-	0.99 ( 0.62- 1.56)	
Subtotal 43							0.79 ( 0.56- 1.12)	
77	ASOMAN	3	c 99	337	39	129	0.97 ( 0.64- 1.48)	
Partial Totals			171	509	138	439		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	11	m 9	87	3	45	1.55 ( 0.40- 6.02)	
12	LEE	12	f 16	202	15	116	0.61 ( 0.29- 1.28)	
Subtotal 12							0.76 ( 0.40- 1.45)	
46	BOFFET	48	m -	-	-	-	1.24 ( 0.79- 1.93)	
46	BOFFET	50	f -	-	-	-	0.95 ( 0.73- 1.24)	
Subtotal 46							1.02 ( 0.81- 1.28)	
Partial Totals			25	289	18	161		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
60	OHNO	26	f -	-	-	-	1.25 ( 0.63- 2.48)	
85	HOSSEI	19	m 0	1	26	169	2.13~( 0.08- 53.72)	
85	HOSSEI	20	f 0	3	55	116	0.30~( 0.02- 5.91)	
Subtotal 85							0.74 ( 0.08- 6.61)	
Partial Totals			0	4	81	285		

\*prospective study

~ With 0.5 adjustment for zero

	NAmerica	Europe	Asia	Other	Total
Relative risks					
	N	7	4	3	14
	NS	5	2	2	9
	Wt	153.46	83.09	8.98	245.54
	Het Chi	12.73	3.11	0.97	19.06
	Het df	6	3	2	13
	Het P	*	N.S.	N.S.	N.S.
	Fixed RR	1.21	0.99	1.19	1.13
	RRl	1.03	0.80	0.62	0.99
	RRu	1.42	1.22	2.29	1.28
	P	+	N.S.	N.S.	(+)
	Random RR	1.12	0.99	1.19	1.09
	RRl	0.86	0.79	0.62	0.91
	RRu	1.45	1.24	2.29	1.29
	P	N.S.	N.S.	N.S.	N.S.
	Asymm P	N.S.	N.S.	N.S.	N.S.
	Between Chi		2.23	0.00	2.26
	Between df		1	1	2
	Between P		N.S.	N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) TIM : e, a, z, y, w, f, v, c, other

2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table A 146  
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 08-DEC-11  
 Alternative analysis excluding Janerich - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	11	f 19	43	42	135	1.42 ( 0.75-	2.70)
35	FONTHA	21	f189	297	426	947	1.41 ( 1.14-	1.75)
38	KABAT2	11	m 25	62	16	55	1.39 ( 0.67-	2.86)
38	KABAT2	12	f 28	67	41	120	1.22 ( 0.69-	2.15)
Subtotal 38							1.28 ( 0.82-	2.00)
43	CARDEN	19	m -	-	-	-	0.58 ( 0.34-	0.99)
43	CARDEN	20	f -	-	-	-	0.99 ( 0.62-	1.56)
Subtotal 43							0.79 ( 0.56-	1.12)
77	ASOMAN	3	c 99	337	39	129	0.97 ( 0.64-	1.48)
Partial Totals			360	806	564	1386		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	11	m 9	87	3	45	1.55 ( 0.40-	6.02)
12	LEE	12	f 16	202	15	116	0.61 ( 0.29-	1.28)
Subtotal 12							0.76 ( 0.40-	1.45)
46	BOFFET	47	m 55	204	86	327	1.03 ( 0.70-	1.50)
46	BOFFET	49	f119	250	390	761	0.93 ( 0.72-	1.19)
Subtotal 46							0.96 ( 0.78-	1.18)
Totals			199	743	494	1249		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
60	OHNO	25	f 16	23	172	303	1.23 ( 0.63-	2.38)
85	HOSSEI	19	m 0	1	26	169	2.13~( 0.08-	53.72)
85	HOSSEI	20	f 0	3	55	116	0.30~( 0.02-	5.91)
Subtotal 85							0.74 ( 0.08-	6.61)
Totals			16	27	253	588		

\*prospective study

~ With 0.5 adjustment for zero

	NAmerica	Europe	Asia	Other	Total
Relative risks					
	N	7	4	3	14
	NS	5	2	2	9
	Wt	164.57	96.99	9.49	271.06
	Het Chi	11.39	2.02	0.95	17.94
	Het df	6	3	2	13
	Het P	(*)	N.S.	N.S.	N.S.
	Fixed RR	1.19	0.94	1.17	1.09
	RRl	1.02	0.77	0.62	0.97
	RRu	1.39	1.14	2.22	1.23
	P	+	N.S.	N.S.	N.S.
	Random RR	1.11	0.94	1.17	1.06
	RRl	0.87	0.77	0.62	0.90
	RRu	1.41	1.14	2.22	1.24
	P	N.S.	N.S.	N.S.	N.S.
	Asymm P	N.S.	N.S.	N.S.	N.S.
	Between Chi		3.53	0.00	3.58
	Between df		1	1	2
	Between P		(-)	N.S.	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

1) TIM : e, a, z, y, w, f, v, c, other

2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 147  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 08-DEC-11  
 Both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	8	f 92	266	42	136	1.12 ( 0.74-	1.70)
9	LAMW	2	f -	-	-	-	2.51 ( 1.35-	4.67)
12	LEE	9	m 9	70	1	27	3.47 ( 0.42-	28.72)
12	LEE	10	f 5	82	10	75	0.46 ( 0.15-	1.40)
Subtotal 12							0.71 ( 0.27-	1.91)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
16	KOO	10	f -	-	-	-	1.78 ( 0.82-	3.87)
25	SVENSS	6	f -	-	-	-	1.51 ( 0.44-	5.17)
35	FONTHA	24	f -	-	-	-	1.25 ( 0.86-	1.83)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
40	SUN	6	f -	-	-	-	1.83 ( 1.20-	2.80)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
43	CARDEN	14	m -	-	-	-	0.60 ( 0.40-	1.00)
43	CARDEN	16	f -	-	-	-	0.90 ( 0.70-	1.20)
Subtotal 43							0.81 ( 0.64-	1.02)
45	AUVINE	2	m -	-	-	-	0.69 ( 0.28-	1.74)
46	BOFFET	32	m -	-	-	-	1.13 ( 0.68-	1.89)
46	BOFFET	34	f -	-	-	-	1.15 ( 0.86-	1.55)
Subtotal 46							1.14 ( 0.89-	1.48)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
49	BOFFE2	39	c -	-	-	-	1.20 ( 0.60-	2.50)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
54	LEECH	20	f -	-	-	-	1.93 ( 1.30-	2.87)
55	MALATS	10	c -	-	-	-	1.20 ( 0.60-	2.30)
57	JOHNSO	6	f -	-	-	-	1.44 ( 0.70-	2.98)
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
67	EPICA	1	c -	-	-	-	1.05 ( 0.60-	1.82)
68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
70	GORLOV	11	c217	298	51	130	1.86 ( 1.28-	2.68)
72	WEN	16	f -	-	-	-	1.03 ( 0.57-	1.87)
73	YU	1	f -	-	-	-	1.35 ( 0.70-	2.63)
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83-	34.92)
80	YANG	2	c -	-	-	-	2.00 ( 1.30-	3.00)
82	TSE	74	m -	-	-	-	1.06 ( 0.67-	1.68)
83	LIANG	3	f176	202	50	77	1.34 ( 0.89-	2.02)
84	BRENNE	19	c128	378	23	68	1.00 ( 0.60-	1.67)
85	HOSSEI	1	m -	-	-	-	1.50 ( 0.60-	3.60)
85	HOSSEI	2	f -	-	-	-	1.50 ( 0.80-	3.00)
Subtotal 85							1.50 ( 0.88-	2.55)
86	JIANG	1	c -	-	-	-	2.27 ( 1.23-	4.18)
88	LO	2	c -	-	-	-	2.24 ( 1.70-	2.96)
Partial Totals			799	1629	212	673		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
8	GARFI2	8	f	t	0.11	21.84	0.84	0.5966
9	LAMW	2	f	t	0.92	9.98	3.72	0.0037
12	LEE	9	m	t	1.24	0.86	0.75	0.2484
12	LEE	10	f	t	-0.78	3.07	3.66	0.1703
Subtotal 12					-0.34	3.93	4.41	
13	BROWN1	2	f	a	0.52	1.86	0.08	0.4791
16	KOO	10	f	t	0.58	6.38	0.46	0.1452
25	SVENSS	6	f	t	0.41	2.53	0.03	0.5120
35	FONTHA	24	f	t	0.22	26.95	0.20	0.2467
37	DEWAAR	1	f	t	0.94	3.07	1.23	0.0986
40	SUN	6	f	t	0.60	21.40	1.86	0.0052
41	WANGS	1	f	t	0.93	7.83	3.00	0.0093
43	CARDEN	14	m	t	-0.51	18.30	12.32	0.0289
43	CARDEN	16	f	t	-0.11	52.89	9.10	0.4435
Subtotal 43					-0.21	71.19	21.42	
45	AUVINE	2	m	t	-0.37	4.60	2.13	0.4259
46	BOFFET	32	m	t	0.12	14.70	0.52	0.6393
46	BOFFET	34	f	t	0.14	44.28	1.28	0.3524
Subtotal 46					0.14	58.98	1.79	

Within each study, results are selected according to the following order of preference:

- 1) TYP : t, g, other
- 2) TOT : a, other
- 3) TIM : e, a, z, y, f, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 147  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 08-DEC-11  
 Both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
47	SHEN	1	f	a	-0.29	5.07	1.84	0.5088
49	BOFFE2	39	c	a	0.18	7.54	0.12	0.6165
52	SPEIZE	1	f	t	0.41	1.66	0.02	0.6016
54	LEECH	20	f	t	0.66	24.50	2.97	0.0011
55	MALATS	10	c	t	0.18	8.51	0.14	0.5948
57	JOHNSO	6	f	t	0.36	7.32	0.02	0.3238
64	ZATLOU	6	f	g	-0.73	5.67	6.17	0.0806
67	EPICA	1	c	t	0.05	12.48	0.85	0.8632
68	FANG	2	f	t	0.57	15.25	1.04	0.0258
70	GORLOV	11	c	t	0.62	28.36	2.71	0.0010
72	WEN	16	f	t	0.03	10.89	0.85	0.9223
73	YU	1	f	t	0.30	8.70	0.00	0.3760
78	GALLEG	1	c	t	2.08	1.77	5.54	0.0057
80	YANG	2	c	t	0.69	21.97	3.23	0.0012
82	TSE	74	m	t	0.06	18.18	1.15	0.8038
83	LIANG	3	f	t	0.29	22.93	0.01	0.1592
84	BRENNE	19	c	t	0.00	14.57	1.39	0.9965
85	HOSSEI	1	m	t	0.41	4.79	0.04	0.3750
85	HOSSEI	2	f	t	0.41	8.80	0.08	0.2292
Subtotal 85					0.41	13.58	0.13	
86	JIANG	1	c	t	0.82	10.29	2.67	0.0086
88	LO	2	c	t	0.81	49.96	12.34	0.0000

Relative risks

N	37
NS	33
Wt	529.76
Het Chi	84.35
Het df	36
Het P	***
Fixed RR	1.36
RRl	1.25
RRu	1.48
P	+++
Random RR	1.36
RRl	1.18
RRu	1.57
P	+++
Asymm P	N.S.

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 Within each study, results are selected according to the following order of preference:

- 1) TYP : t, g, other
- 2) TOT : a, other
- 3) TIM : e, a, z, y, f, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 148  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 08-DEC-11  
 Both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	8	f 92	266	42	136	1.12 ( 0.74-	1.70)
9	LAMW	2	f -	-	-	-	2.51 ( 1.35-	4.67)
12	LEE	9	m 9	70	1	27	3.47 ( 0.42-	28.72)
12	LEE	10	f 5	82	10	75	0.46 ( 0.15-	1.40)
Subtotal 12								
13	BROWN1	1	f 4	7	15	40	1.52 ( 0.39-	5.96)
16	KOO	6	f 66	97	22	40	1.24 ( 0.67-	2.27)
25	SVENSS	2	f 27	139	7	35	0.97 ( 0.39-	2.41)
35	FONTHA	23	f528	1115	48	118	1.16 ( 0.82-	1.65)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
40	SUN	6	f -	-	-	-	1.83 ( 1.20-	2.80)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
43	CARDEN	13	m 42	449918	74	336614	0.42 ( 0.29-	0.62)
43	CARDEN	15	f 71	900309	175	1119778	0.50 ( 0.38-	0.66)
Subtotal 43								
45	AUVINE	1	m 17	81	27	148	1.15 ( 0.59-	2.24)
46	BOFFET	31	m107	390	34	141	1.14 ( 0.74-	1.75)
46	BOFFET	33	f420	811	88	198	1.17 ( 0.88-	1.54)
Subtotal 46								
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
49	BOFFE2	38	c 50	126	20	52	1.03 ( 0.56-	1.90)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
54	LEECH	19	f189	249	79	196	1.88 ( 1.36-	2.60)
55	MALATS	5	c 90	84	32	37	1.24 ( 0.71-	2.17)
57	JOHNSO	5	f 61	626	10	135	1.32 ( 0.66-	2.63)
64	ZATLOU	3	f 7	155	77	734	0.43 ( 0.19-	0.95)
67	EPICA	1	c -	-	-	-	1.05 ( 0.60-	1.82)
68	FANG	1	f -	-	-	-	2.74 ( 1.82-	4.14)
70	GORLOV	11	c217	298	51	130	1.86 ( 1.28-	2.68)
72	WEN	16	f -	-	-	-	1.03 ( 0.57-	1.87)
73	YU	8	f183	246	30	46	1.14 ( 0.69-	1.88)
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83-	34.92)
80	YANG	1	c -	-	-	-	1.20 ( 0.80-	1.90)
82	TSE	65	m 90	353	42	183	1.11 ( 0.74-	1.67)
83	LIANG	3	f176	202	50	77	1.34 ( 0.89-	2.02)
84	BRENNE	19	c128	378	23	68	1.00 ( 0.60-	1.67)
85	HOSSEI	3	m 9	43	17	127	1.56 ( 0.65-	3.77)
85	HOSSEI	4	f 29	51	26	68	1.49 ( 0.78-	2.83)
Subtotal 85								
86	JIANG	8	m 23	10	24	37	3.55 ( 1.44-	8.75)
86	JIANG	9	f 67	48	31	50	2.25 ( 1.26-	4.03)
Subtotal 86								
88	LO	1	c366	293	96	169	2.20 ( 1.64-	2.95)
Partial Totals								
			3245	1356780	1186	1459619		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
8	GARFI2	8	f	t	0.11	21.84	0.26	0.5966
9	LAMW	2	f	t	0.92	9.98	4.85	0.0037
12	LEE	9	m	t	1.24	0.86	0.90	0.2484
12	LEE	10	f	t	-0.78	3.07	3.10	0.1703
Subtotal 12								
13	BROWN1	1	f	a	0.42	2.06	0.08	0.5451
16	KOO	6	f	t	0.21	10.43	0.00	0.4921
25	SVENSS	2	f	t	-0.03	4.64	0.29	0.9499
35	FONTHA	23	f	t	0.15	31.15	0.16	0.3963
37	DEWAAR	1	f	t	0.94	3.07	1.59	0.0986
40	SUN	6	f	t	0.60	21.40	3.12	0.0052
41	WANGS	1	f	t	0.93	7.83	3.90	0.0093
43	CARDEN	13	m	t	-0.86	26.80	31.22	0.0000
43	CARDEN	15	f	t	-0.68	50.51	41.53	0.0000
Subtotal 43								
45	AUVINE	1	m	t	0.14	8.70	0.06	0.6794
46	BOFFET	31	m	t	0.13	20.66	0.18	0.5574

Within each study, results are selected according to the following order of preference:

- 1) TYP : t, g, other
- 2) TOT : a, other
- 3) TIM : e, a, z, y, f, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 148  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 08-DEC-11  
 Both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
46	BOFFET	33	f	t	0.15	49.93	0.24	0.2799
Subtotal 46					0.15	70.58	0.43	
47	SHEN	1	f	a	-0.29	5.07	1.35	0.5088
49	BOFFE2	38	c	a	0.03	10.29	0.38	0.9201
52	SPEIZE	1	f	t	0.41	1.66	0.06	0.6016
54	LEECH	19	f	t	0.63	36.94	6.22	0.0001
55	MALATS	5	c	t	0.21	12.30	0.00	0.4525
57	JOHNSO	5	f	t	0.27	7.97	0.02	0.4387
64	ZATLOU	3	f	g	-0.84	6.11	6.94	0.0372
67	EPICA	1	c	t	0.05	12.48	0.38	0.8632
68	FANG	1	f	t	1.01	22.75	14.02	0.0000
70	GORLOV	11	c	t	0.62	28.36	4.44	0.0010
72	WEN	16	f	t	0.03	10.89	0.41	0.9223
73	YU	8	f	t	0.13	15.48	0.13	0.6046
78	GALLEG	1	c	t	2.08	1.77	6.10	0.0057
80	YANG	1	c	t	0.18	20.54	0.03	0.4087
82	TSE	65	m	t	0.11	23.14	0.32	0.6130
83	LIANG	3	f	t	0.29	22.93	0.12	0.1592
84	BRENNE	19	c	t	0.00	14.57	0.72	0.9965
85	HOSSEI	3	m	t	0.45	4.97	0.25	0.3188
85	HOSSEI	4	f	t	0.40	9.32	0.28	0.2256
Subtotal 85					0.41	14.30	0.53	
86	JIANG	8	m	t	1.27	4.71	5.13	0.0060
86	JIANG	9	f	t	0.81	11.36	3.94	0.0062
Subtotal 86					0.94	16.07	9.06	
88	LO	1	c	t	0.79	44.49	14.21	0.0000

Relative risks

	N	38
	NS	33
	Wt	601.03
Het	Chi	156.92
Het	df	37
Het	P	***
Fixed	RR	1.25
	RRl	1.15
	RRu	1.35
	P	+++
Random	RR	1.31
	RRl	1.09
	RRu	1.56
	P	++
Asymm	P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) TYP : t, g, other
- 2) TOT : a, other
- 3) TIM : e, a, z, y, f, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 149  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 08-DEC-11  
 Both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	8	f 92	266	42	136	1.12 ( 0.74-	1.70)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
35	FONTHA	24	f -	-	-	-	1.25 ( 0.86-	1.83)
43	CARDEN	14	m -	-	-	-	0.60 ( 0.40-	1.00)
43	CARDEN	16	f -	-	-	-	0.90 ( 0.70-	1.20)
Subtotal 43							0.81 ( 0.64-	1.02)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
57	JOHNSO	6	f -	-	-	-	1.44 ( 0.70-	2.98)
70	GORLOV	11	c217	298	51	130	1.86 ( 1.28-	2.68)
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83-	34.92)
80	YANG	2	c -	-	-	-	2.00 ( 1.30-	3.00)
84	BRENNE	19	c128	378	23	68	1.00 ( 0.60-	1.67)
Partial Totals			467	1032	118	382		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	9	m 9	70	1	27	3.47 ( 0.42-	28.72)
12	LEE	10	f 5	82	10	75	0.46 ( 0.15-	1.40)
Subtotal 12							0.71 ( 0.27-	1.91)
25	SVENSS	6	f -	-	-	-	1.51 ( 0.44-	5.17)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
45	AUVINE	2	m -	-	-	-	0.69 ( 0.28-	1.74)
46	BOFFET	32	m -	-	-	-	1.13 ( 0.68-	1.89)
46	BOFFET	34	f -	-	-	-	1.15 ( 0.86-	1.55)
Subtotal 46							1.14 ( 0.89-	1.48)
49	BOFFE2	39	c -	-	-	-	1.20 ( 0.60-	2.50)
55	MALATS	10	c -	-	-	-	1.20 ( 0.60-	2.30)
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
67	EPICA	1	c -	-	-	-	1.05 ( 0.60-	1.82)
Partial Totals			33	276	15	169		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
9	LAMW	2	f -	-	-	-	2.51 ( 1.35-	4.67)
16	KOO	10	f -	-	-	-	1.78 ( 0.82-	3.87)
40	SUN	6	f -	-	-	-	1.83 ( 1.20-	2.80)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
54	LEECH	20	f -	-	-	-	1.93 ( 1.30-	2.87)
68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
72	WEN	16	f -	-	-	-	1.03 ( 0.57-	1.87)
73	YU	1	f -	-	-	-	1.35 ( 0.70-	2.63)
82	TSE	74	m -	-	-	-	1.06 ( 0.67-	1.68)
83	LIANG	3	f176	202	50	77	1.34 ( 0.89-	2.02)
85	HOSSEI	1	m -	-	-	-	1.50 ( 0.60-	3.60)
85	HOSSEI	2	f -	-	-	-	1.50 ( 0.80-	3.00)
Subtotal 85							1.50 ( 0.88-	2.55)
86	JIANG	1	c -	-	-	-	2.27 ( 1.23-	4.18)
88	LO	2	c -	-	-	-	2.24 ( 1.70-	2.96)
Partial Totals			299	321	79	122		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) TYP : t, g, other
- 2) TOT : a, other
- 3) TIM : e, a, z, y, f, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 149  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 08-DEC-11  
 Both sexes  
 By continent - adjusted

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	11	11	15		37
NS	10	9	14		33
Wt	197.49	107.32	224.95		529.76
Het Chi	31.82	11.07	20.13		84.35
Het df	10	10	14		36
Het P	***	N.S.	N.S.		***
Fixed RR	1.19	1.08	1.72		1.36
RRl	1.04	0.89	1.51		1.25
RRu	1.37	1.30	1.95		1.48
P	+	N.S.	+++		+++
Random RR	1.28	1.07	1.67		1.36
RRl	0.96	0.86	1.41		1.18
RRu	1.69	1.32	1.97		1.57
P	(+)	N.S.	+++		+++
Asymm P	N.S.	N.S.	N.S.		N.S.
Between Chi		0.65	14.06		21.33
Between df		1	1		2
Between P		N.S.	+++	N.S.	***

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 Within each study, results are selected according to the following order of preference:

1) TYP : t, g, other

3) TIM : e, a, z, y, f, c, other

2) TOT : a, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 150  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 08-DEC-11  
 Both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	8	f 92	266	42	136	1.12 ( 0.74-	1.70)
13	BROWN1	1	f 4	7	15	40	1.52 ( 0.39-	5.96)
35	FONTHA	23	f528	1115	48	118	1.16 ( 0.82-	1.65)
43	CARDEN	13	m 42	449918	74	336614	0.42 ( 0.29-	0.62)
43	CARDEN	15	f 71	900309	175	1119778	0.50 ( 0.38-	0.66)
Subtotal 43							0.48 ( 0.38-	0.59)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
57	JOHNSO	5	f 61	626	10	135	1.32 ( 0.66-	2.63)
70	GORLOV	11	c217	298	51	130	1.86 ( 1.28-	2.68)
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83-	34.92)
80	YANG	1	c -	-	-	-	1.20 ( 0.80-	1.90)
84	BRENNE	19	c128	378	23	68	1.00 ( 0.60-	1.67)
Partial Totals			1173	1353007	440	1457067		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	9	m 9	70	1	27	3.47 ( 0.42-	28.72)
12	LEE	10	f 5	82	10	75	0.46 ( 0.15-	1.40)
Subtotal 12							0.71 ( 0.27-	1.91)
25	SVENSS	2	f 27	139	7	35	0.97 ( 0.39-	2.41)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
45	AUVINE	1	m 17	81	27	148	1.15 ( 0.59-	2.24)
46	BOFFET	31	m107	390	34	141	1.14 ( 0.74-	1.75)
46	BOFFET	33	f420	811	88	198	1.17 ( 0.88-	1.54)
Subtotal 46							1.16 ( 0.92-	1.46)
49	BOFFE2	38	c 50	126	20	52	1.03 ( 0.56-	1.90)
55	MALATS	5	c 90	84	32	37	1.24 ( 0.71-	2.17)
64	ZATLOU	3	f 7	155	77	734	0.43 ( 0.19-	0.95)
67	EPICA	1	c -	-	-	-	1.05 ( 0.60-	1.82)
Partial Totals			751	2062	300	1514		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
9	LAMW	2	f -	-	-	-	2.51 ( 1.35-	4.67)
16	KOO	6	f 66	97	22	40	1.24 ( 0.67-	2.27)
40	SUN	6	f -	-	-	-	1.83 ( 1.20-	2.80)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
54	LEECH	19	f189	249	79	196	1.88 ( 1.36-	2.60)
68	FANG	1	f -	-	-	-	2.74 ( 1.82-	4.14)
72	WEN	16	f -	-	-	-	1.03 ( 0.57-	1.87)
73	YU	8	f183	246	30	46	1.14 ( 0.69-	1.88)
82	TSE	65	m 90	353	42	183	1.11 ( 0.74-	1.67)
83	LIANG	3	f176	202	50	77	1.34 ( 0.89-	2.02)
85	HOSSEI	3	m 9	43	17	127	1.56 ( 0.65-	3.77)
85	HOSSEI	4	f 29	51	26	68	1.49 ( 0.78-	2.83)
Subtotal 85							1.51 ( 0.90-	2.54)
86	JIANG	8	m 23	10	24	37	3.55 ( 1.44-	8.75)
86	JIANG	9	f 67	48	31	50	2.25 ( 1.26-	4.03)
Subtotal 86							2.57 ( 1.58-	4.19)
88	LO	1	c366	293	96	169	2.20 ( 1.64-	2.95)
Partial Totals			1321	1711	446	1038		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) TYP : t, g, other
- 2) TOT : a, other
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See page 2 of this report for a key to the meanings of the variable names and their values.





Table A 147  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 08-DEC-11  
 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	8	f 92	266	42	136	1.12 ( 0.74-	1.70)
9	LAMW	2	f -	-	-	-	2.51 ( 1.35-	4.67)
12	LEE	9	m 9	70	1	27	3.47 ( 0.42-	28.72)
12	LEE	10	f 5	82	10	75	0.46 ( 0.15-	1.40)
Subtotal 12							0.71 ( 0.27-	1.91)
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39-	6.90)
16	KOO	10	f -	-	-	-	1.78 ( 0.82-	3.87)
25	SVENSS	6	f -	-	-	-	1.51 ( 0.44-	5.17)
35	FONTHA	24	f -	-	-	-	1.25 ( 0.86-	1.83)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
40	SUN	6	f -	-	-	-	1.83 ( 1.20-	2.80)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
43	CARDEN	14	m -	-	-	-	0.60 ( 0.40-	1.00)
43	CARDEN	16	f -	-	-	-	0.90 ( 0.70-	1.20)
Subtotal 43							0.81 ( 0.64-	1.02)
45	AUVINE	2	m -	-	-	-	0.69 ( 0.28-	1.74)
46	BOFFET	32	m -	-	-	-	1.13 ( 0.68-	1.89)
46	BOFFET	34	f -	-	-	-	1.15 ( 0.86-	1.55)
Subtotal 46							1.14 ( 0.89-	1.48)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
49	BOFFE2	39	c -	-	-	-	1.20 ( 0.60-	2.50)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
54	LEECH	20	f -	-	-	-	1.93 ( 1.30-	2.87)
55	MALATS	10	c -	-	-	-	1.20 ( 0.60-	2.30)
57	JOHNSO	6	f -	-	-	-	1.44 ( 0.70-	2.98)
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21-	1.09)
67	EPICA	2	c -	-	-	-	1.42 ( 0.63-	3.20)
68	FANG	2	f -	-	-	-	1.77 ( 1.07-	2.92)
70	GORLOV	11	c217	298	51	130	1.86 ( 1.28-	2.68)
72	WEN	16	f -	-	-	-	1.03 ( 0.57-	1.87)
73	YU	1	f -	-	-	-	1.35 ( 0.70-	2.63)
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83-	34.92)
80	YANG	2	c -	-	-	-	2.00 ( 1.30-	3.00)
82	TSE	74	m -	-	-	-	1.06 ( 0.67-	1.68)
83	LIANG	3	f176	202	50	77	1.34 ( 0.89-	2.02)
84	BRENNE	19	c128	378	23	68	1.00 ( 0.60-	1.67)
85	HOSSEI	1	m -	-	-	-	1.50 ( 0.60-	3.60)
85	HOSSEI	2	f -	-	-	-	1.50 ( 0.80-	3.00)
Subtotal 85							1.50 ( 0.88-	2.55)
86	JIANG	1	c -	-	-	-	2.27 ( 1.23-	4.18)
88	LO	2	c -	-	-	-	2.24 ( 1.70-	2.96)
Partial Totals			799	1629	212	673		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
8	GARFI2	8	f	t	0.11	21.84	0.90	0.5966
9	LAMW	2	f	t	0.92	9.98	3.64	0.0037
12	LEE	9	m	t	1.24	0.86	0.74	0.2484
12	LEE	10	f	t	-0.78	3.07	3.71	0.1703
Subtotal 12					-0.34	3.93	4.45	
13	BROWN1	2	f	a	0.52	1.86	0.08	0.4791
16	KOO	10	f	t	0.58	6.38	0.43	0.1452
25	SVENSS	6	f	t	0.41	2.53	0.02	0.5120
35	FONTHA	24	f	t	0.22	26.95	0.23	0.2467
37	DEWAAR	1	f	t	0.94	3.07	1.20	0.0986
40	SUN	6	f	t	0.60	21.40	1.78	0.0052
41	WANGS	1	f	t	0.93	7.83	2.94	0.0093
43	CARDEN	14	m	t	-0.51	18.30	12.52	0.0289
43	CARDEN	16	f	t	-0.11	52.89	9.40	0.4435
Subtotal 43					-0.21	71.19	21.91	
45	AUVINE	2	m	t	-0.37	4.60	2.17	0.4259
46	BOFFET	32	m	t	0.12	14.70	0.55	0.6393
46	BOFFET	34	f	t	0.14	44.28	1.38	0.3524
Subtotal 46					0.14	58.98	1.93	

Within each study, results are selected according to the following order of preference:

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See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 147  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 08-DEC-11  
 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
47	SHEN	1	f	a	-0.29	5.07	1.88	0.5088
49	BOFFE2	39	c	a	0.18	7.54	0.14	0.6165
52	SPEIZE	1	f	t	0.41	1.66	0.01	0.6016
54	LEECH	20	f	t	0.66	24.50	2.85	0.0011
55	MALATS	10	c	t	0.18	8.51	0.15	0.5948
57	JOHNSO	6	f	t	0.36	7.32	0.02	0.3238
64	ZATLOU	6	f	g	-0.73	5.67	6.25	0.0806
67	EPICA	2	c	t	0.35	5.82	0.01	0.3977
68	FANG	2	f	t	0.57	15.25	0.99	0.0258
70	GORLOV	11	c	t	0.62	28.36	2.59	0.0010
72	WEN	16	f	t	0.03	10.89	0.89	0.9223
73	YU	1	f	t	0.30	8.70	0.00	0.3760
78	GALLEG	1	c	t	2.08	1.77	5.50	0.0057
80	YANG	2	c	t	0.69	21.97	3.12	0.0012
82	TSE	74	m	t	0.06	18.18	1.21	0.8038
83	LIANG	3	f	t	0.29	22.93	0.01	0.1592
84	BRENNE	19	c	t	0.00	14.57	1.45	0.9965
85	HOSSEI	1	m	t	0.41	4.79	0.04	0.3750
85	HOSSEI	2	f	t	0.41	8.80	0.07	0.2292
Subtotal 85					0.41	13.58	0.11	
86	JIANG	1	c	t	0.82	10.29	2.60	0.0086
88	LO	2	c	t	0.81	49.96	12.01	0.0000

Relative risks

N	37
NS	33
Wt	523.10
Het Chi	83.49
Het df	36
Het P	***
Fixed RR	1.37
RRl	1.26
RRu	1.49
P	+++
Random RR	1.37
RRl	1.19
RRu	1.58
P	+++
Asymm P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

- 1) TYP : t, g, other
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See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 148  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 08-DEC-11  
 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	8	f 92	266	42	136	1.12 ( 0.74-	1.70)
9	LAMW	2	f -	-	-	-	2.51 ( 1.35-	4.67)
12	LEE	9	m 9	70	1	27	3.47 ( 0.42-	28.72)
12	LEE	10	f 5	82	10	75	0.46 ( 0.15-	1.40)
Subtotal 12							0.71 ( 0.27-	1.91)
13	BROWN1	1	f 4	7	15	40	1.52 ( 0.39-	5.96)
16	KOO	6	f 66	97	22	40	1.24 ( 0.67-	2.27)
25	SVENSS	2	f 27	139	7	35	0.97 ( 0.39-	2.41)
35	FONTHA	23	f528	1115	48	118	1.16 ( 0.82-	1.65)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
40	SUN	6	f -	-	-	-	1.83 ( 1.20-	2.80)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
43	CARDEN	13	m 42	449918	74	336614	0.42 ( 0.29-	0.62)
43	CARDEN	15	f 71	900309	175	1119778	0.50 ( 0.38-	0.66)
Subtotal 43							0.48 ( 0.38-	0.59)
45	AUVINE	1	m 17	81	27	148	1.15 ( 0.59-	2.24)
46	BOFFET	31	m107	390	34	141	1.14 ( 0.74-	1.75)
46	BOFFET	33	f420	811	88	198	1.17 ( 0.88-	1.54)
Subtotal 46							1.16 ( 0.92-	1.46)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
49	BOFFE2	38	c 50	126	20	52	1.03 ( 0.56-	1.90)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
54	LEECH	19	f189	249	79	196	1.88 ( 1.36-	2.60)
55	MALATS	5	c 90	84	32	37	1.24 ( 0.71-	2.17)
57	JOHNSO	5	f 61	626	10	135	1.32 ( 0.66-	2.63)
64	ZATLOU	3	f 7	155	77	734	0.43 ( 0.19-	0.95)
67	EPICA	2	c -	-	-	-	1.42 ( 0.63-	3.20)
68	FANG	1	f -	-	-	-	2.74 ( 1.82-	4.14)
70	GORLOV	11	c217	298	51	130	1.86 ( 1.28-	2.68)
72	WEN	16	f -	-	-	-	1.03 ( 0.57-	1.87)
73	YU	8	f183	246	30	46	1.14 ( 0.69-	1.88)
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83-	34.92)
80	YANG	1	c -	-	-	-	1.20 ( 0.80-	1.90)
82	TSE	65	m 90	353	42	183	1.11 ( 0.74-	1.67)
83	LIANG	3	f176	202	50	77	1.34 ( 0.89-	2.02)
84	BRENNE	19	c128	378	23	68	1.00 ( 0.60-	1.67)
85	HOSSEI	3	m 9	43	17	127	1.56 ( 0.65-	3.77)
85	HOSSEI	4	f 29	51	26	68	1.49 ( 0.78-	2.83)
Subtotal 85							1.51 ( 0.90-	2.54)
86	JIANG	8	m 23	10	24	37	3.55 ( 1.44-	8.75)
86	JIANG	9	f 67	48	31	50	2.25 ( 1.26-	4.03)
Subtotal 86							2.57 ( 1.58-	4.19)
88	LO	1	c366	293	96	169	2.20 ( 1.64-	2.95)
Partial Totals			3245	1356780	1186	1459619		

\*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
8	GARFI2	8	f	t	0.11	21.84	0.29	0.5966
9	LAMW	2	f	t	0.92	9.98	4.79	0.0037
12	LEE	9	m	t	1.24	0.86	0.89	0.2484
12	LEE	10	f	t	-0.78	3.07	3.13	0.1703
Subtotal 12					-0.34	3.93	4.02	
13	BROWN1	1	f	a	0.42	2.06	0.08	0.5451
16	KOO	6	f	t	0.21	10.43	0.00	0.4921
25	SVENSS	2	f	t	-0.03	4.64	0.31	0.9499
35	FONTHA	23	f	t	0.15	31.15	0.18	0.3963
37	DEWAAR	1	f	t	0.94	3.07	1.57	0.0986
40	SUN	6	f	t	0.60	21.40	3.04	0.0052
41	WANGS	1	f	t	0.93	7.83	3.85	0.0093
43	CARDEN	13	m	t	-0.86	26.80	31.50	0.0000
43	CARDEN	15	f	t	-0.68	50.51	41.98	0.0000
Subtotal 43					-0.74	77.31	73.48	
45	AUVINE	1	m	t	0.14	8.70	0.07	0.6794
46	BOFFET	31	m	t	0.13	20.66	0.20	0.5574

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Table A 148  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 08-DEC-11  
 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
46	BOFFET	33	f	t	0.15	49.93	0.28	0.2799
Subtotal 46					0.15	70.58	0.48	
47	SHEN	1	f	a	-0.29	5.07	1.38	0.5088
49	BOFFE2	38	c	a	0.03	10.29	0.40	0.9201
52	SPEIZE	1	f	t	0.41	1.66	0.05	0.6016
54	LEECH	19	f	t	0.63	36.94	6.07	0.0001
55	MALATS	5	c	t	0.21	12.30	0.00	0.4525
57	JOHNSO	5	f	t	0.27	7.97	0.02	0.4387
64	ZATLOU	3	f	g	-0.84	6.11	7.00	0.0372
67	EPICA	2	c	t	0.35	5.82	0.09	0.3977
68	FANG	1	f	t	1.01	22.75	13.85	0.0000
70	GORLOV	11	c	t	0.62	28.36	4.33	0.0010
72	WEN	16	f	t	0.03	10.89	0.43	0.9223
73	YU	8	f	t	0.13	15.48	0.14	0.6046
78	GALLEG	1	c	t	2.08	1.77	6.07	0.0057
80	YANG	1	c	t	0.18	20.54	0.04	0.4087
82	TSE	65	m	t	0.11	23.14	0.35	0.6130
83	LIANG	3	f	t	0.29	22.93	0.10	0.1592
84	BRENNE	19	c	t	0.00	14.57	0.75	0.9965
85	HOSSEI	3	m	t	0.45	4.97	0.24	0.3188
85	HOSSEI	4	f	t	0.40	9.32	0.27	0.2256
Subtotal 85					0.41	14.30	0.51	
86	JIANG	8	m	t	1.27	4.71	5.08	0.0060
86	JIANG	9	f	t	0.81	11.36	3.87	0.0062
Subtotal 86					0.94	16.07	8.95	
88	LO	1	c	t	0.79	44.49	13.97	0.0000

Relative risks

	N	38
	NS	33
	Wt	594.37
Het	Chi	156.63
Het	df	37
Het	P	***
Fixed	RR	1.26
	RRl	1.16
	RRu	1.36
	P	+++
Random	RR	1.32
	RRl	1.10
	RRu	1.58
	P	++
Asymm	P	N.S.

-----  
 Within each study, results are selected according to the following order of preference:

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Table A 149  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 08-DEC-11  
 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	8	f 92	266	42	136	1.12 ( 0.74- 1.70)	
13	BROWN1	2	f -	-	-	-	1.68 ( 0.39- 6.90)	
35	FONTHA	24	f -	-	-	-	1.25 ( 0.86- 1.83)	
43	CARDEN	14	m -	-	-	-	0.60 ( 0.40- 1.00)	
43	CARDEN	16	f -	-	-	-	0.90 ( 0.70- 1.20)	
Subtotal 43							0.81 ( 0.64- 1.02)	
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30- 6.30)	
57	JOHNSO	6	f -	-	-	-	1.44 ( 0.70- 2.98)	
70	GORLOV	11	c217	298	51	130	1.86 ( 1.28- 2.68)	
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83- 34.92)	
80	YANG	2	c -	-	-	-	2.00 ( 1.30- 3.00)	
84	BRENNE	19	c128	378	23	68	1.00 ( 0.60- 1.67)	
Partial Totals			467	1032	118	382		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	9	m 9	70	1	27	3.47 ( 0.42- 28.72)	
12	LEE	10	f 5	82	10	75	0.46 ( 0.15- 1.40)	
Subtotal 12							0.71 ( 0.27- 1.91)	
25	SVENSS	6	f -	-	-	-	1.51 ( 0.44- 5.17)	
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84- 7.85)	
45	AUVINE	2	m -	-	-	-	0.69 ( 0.28- 1.74)	
46	BOFFET	32	m -	-	-	-	1.13 ( 0.68- 1.89)	
46	BOFFET	34	f -	-	-	-	1.15 ( 0.86- 1.55)	
Subtotal 46							1.14 ( 0.89- 1.48)	
49	BOFFE2	39	c -	-	-	-	1.20 ( 0.60- 2.50)	
55	MALATS	10	c -	-	-	-	1.20 ( 0.60- 2.30)	
64	ZATLOU	6	f -	-	-	-	0.48 ( 0.21- 1.09)	
67	EPICA	2	c -	-	-	-	1.42 ( 0.63- 3.20)	
Partial Totals			33	276	15	169		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
9	LAMW	2	f -	-	-	-	2.51 ( 1.35- 4.67)	
16	KOO	10	f -	-	-	-	1.78 ( 0.82- 3.87)	
40	SUN	6	f -	-	-	-	1.83 ( 1.20- 2.80)	
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26- 5.10)	
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31- 1.78)	
54	LEECH	20	f -	-	-	-	1.93 ( 1.30- 2.87)	
68	FANG	2	f -	-	-	-	1.77 ( 1.07- 2.92)	
72	WEN	16	f -	-	-	-	1.03 ( 0.57- 1.87)	
73	YU	1	f -	-	-	-	1.35 ( 0.70- 2.63)	
82	TSE	74	m -	-	-	-	1.06 ( 0.67- 1.68)	
83	LIANG	3	f176	202	50	77	1.34 ( 0.89- 2.02)	
85	HOSSEI	1	m -	-	-	-	1.50 ( 0.60- 3.60)	
85	HOSSEI	2	f -	-	-	-	1.50 ( 0.80- 3.00)	
Subtotal 85							1.50 ( 0.88- 2.55)	
86	JIANG	1	c -	-	-	-	2.27 ( 1.23- 4.18)	
88	LO	2	c -	-	-	-	2.24 ( 1.70- 2.96)	
Partial Totals			299	321	79	122		

\*prospective study

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- 1) TYP : t, g, other
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Table A 149  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 08-DEC-11  
 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 By continent - adjusted

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	11	11	15		37
NS	10	9	14		33
Wt	197.49	100.66	224.95		523.10
Het Chi	31.82	11.46	20.13		83.49
Het df	10	10	14		36
Het P	***	N.S.	N.S.		***
Fixed RR	1.19	1.10	1.72		1.37
RRl	1.04	0.91	1.51		1.26
RRu	1.37	1.34	1.95		1.49
P	+	N.S.	+++		+++
Random RR	1.28	1.09	1.67		1.37
RRl	0.96	0.87	1.41		1.19
RRu	1.69	1.37	1.97		1.58
P	(+)	N.S.	+++		+++
Asymm P	N.S.	N.S.	N.S.		N.S.
Between Chi		0.40	14.06		20.08
Between df		1	1		2
Between P		N.S.	+++	N.S.	***

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 Within each study, results are selected according to the following order of preference:

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- 2) TOT : a, other
- 3) TIM : e, a, z, y, f, c, other

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Table A 150  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 08-DEC-11  
 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	8	f 92	266	42	136	1.12 ( 0.74-	1.70)
13	BROWN1	1	f 4	7	15	40	1.52 ( 0.39-	5.96)
35	FONTHA	23	f528	1115	48	118	1.16 ( 0.82-	1.65)
43	CARDEN	13	m 42	449918	74	336614	0.42 ( 0.29-	0.62)
43	CARDEN	15	f 71	900309	175	1119778	0.50 ( 0.38-	0.66)
Subtotal 43							0.48 ( 0.38-	0.59)
52	SPEIZE	1	f -	-	-	-	1.50 ( 0.30-	6.30)
57	JOHNSO	5	f 61	626	10	135	1.32 ( 0.66-	2.63)
70	GORLOV	11	c217	298	51	130	1.86 ( 1.28-	2.68)
78	GALLEG	1	c 30	90	2	48	8.00 ( 1.83-	34.92)
80	YANG	1	c -	-	-	-	1.20 ( 0.80-	1.90)
84	BRENNE	19	c128	378	23	68	1.00 ( 0.60-	1.67)
Partial Totals			1173	1353007	440	1457067		

\*prospective study

Europe

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	9	m 9	70	1	27	3.47 ( 0.42-	28.72)
12	LEE	10	f 5	82	10	75	0.46 ( 0.15-	1.40)
Subtotal 12							0.71 ( 0.27-	1.91)
25	SVENSS	2	f 27	139	7	35	0.97 ( 0.39-	2.41)
37	DEWAAR	1	f 19	124	4	67	2.57 ( 0.84-	7.85)
45	AUVINE	1	m 17	81	27	148	1.15 ( 0.59-	2.24)
46	BOFFET	31	m107	390	34	141	1.14 ( 0.74-	1.75)
46	BOFFET	33	f420	811	88	198	1.17 ( 0.88-	1.54)
Subtotal 46							1.16 ( 0.92-	1.46)
49	BOFFE2	38	c 50	126	20	52	1.03 ( 0.56-	1.90)
55	MALATS	5	c 90	84	32	37	1.24 ( 0.71-	2.17)
64	ZATLOU	3	f 7	155	77	734	0.43 ( 0.19-	0.95)
67	EPICA	2	c -	-	-	-	1.42 ( 0.63-	3.20)
Partial Totals			751	2062	300	1514		

\*prospective study

Asia

StN	Ref	NRR	Number Exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
9	LAMW	2	f -	-	-	-	2.51 ( 1.35-	4.67)
16	KOO	6	f 66	97	22	40	1.24 ( 0.67-	2.27)
40	SUN	6	f -	-	-	-	1.83 ( 1.20-	2.80)
41	WANGS	1	f 67	60	15	34	2.53 ( 1.26-	5.10)
47	SHEN	1	f 56	59	14	11	0.75 ( 0.31-	1.78)
54	LEECH	19	f189	249	79	196	1.88 ( 1.36-	2.60)
68	FANG	1	f -	-	-	-	2.74 ( 1.82-	4.14)
72	WEN	16	f -	-	-	-	1.03 ( 0.57-	1.87)
73	YU	8	f183	246	30	46	1.14 ( 0.69-	1.88)
82	TSE	65	m 90	353	42	183	1.11 ( 0.74-	1.67)
83	LIANG	3	f176	202	50	77	1.34 ( 0.89-	2.02)
85	HOSSEI	3	m 9	43	17	127	1.56 ( 0.65-	3.77)
85	HOSSEI	4	f 29	51	26	68	1.49 ( 0.78-	2.83)
Subtotal 85							1.51 ( 0.90-	2.54)
86	JIANG	8	m 23	10	24	37	3.55 ( 1.44-	8.75)
86	JIANG	9	f 67	48	31	50	2.25 ( 1.26-	4.03)
Subtotal 86							2.57 ( 1.58-	4.19)
88	LO	1	c366	293	96	169	2.20 ( 1.64-	2.95)
Partial Totals			1321	1711	446	1038		

\*prospective study

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 Within each study, results are selected according to the following order of preference:

- 1) TYP : t, g, other
- 2) TOT : a, other
- 3) TIM : e, a, z, y, f, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.



Table A 150  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 08-DEC-11  
 Alternative EPIC Adulthood results (from nested CC) - both sexes  
 By continent - unadjusted

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	11	11	16		38
NS	10	9	14		33
Wt	207.23	125.44	261.69		594.37
Het Chi	62.46	11.95	30.10		156.63
Het df	10	10	15		37
Het P	***	N.S.	*		***
Fixed RR	0.90	1.11	1.73		1.26
RRl	0.79	0.93	1.54		1.16
RRu	1.03	1.32	1.96		1.36
P	N.S.	N.S.	+++		+++
Random RR	1.10	1.09	1.69		1.32
RRl	0.75	0.89	1.41		1.10
RRu	1.61	1.35	2.03		1.58
P	N.S.	N.S.	+++		++
Asymm P	N.S.	N.S.	N.S.		N.S.
Between Chi		3.32	49.61		52.12
Between df		1	1		2
Between P		(+)	+++	N.S.	***

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