

SUPPLEMENTARY FILE 4 to "Environmental tobacco smoke exposure and lung cancer – a systematic review"

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 1-20 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)	- adjusted
8. By number of lung cancer cases (grouped)	- adjusted
9. By full histological confirmation or not	- adjusted
10. By study type (case-control, prospective)	- adjusted
11. By study control type	- adjusted
12. By study quality (PNL criteria)	- adjusted
13. By total number of confounders considered in the study (grouped)	- adjusted
14. By age considered as a confounder in the study or not	- adjusted
15. By marital status considered as a confounder in the study or not	- adjusted
16. By any study results available on dose-response or not	- adjusted
17. By spouse the index or not	- adjusted
18. By never smoker definition	- adjusted
19. By interview method/setting	- adjusted
20. By any proxy use or not	- adjusted

Tables 21-24 correspond to Tables 1-4 for spouse ETS exposure (or nearest equivalent) for males, and Tables 25-44 correspond to Tables 1-20 for spouse ETS exposure (or nearest equivalent) for both sexes

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 45-48 for females, Tables 49-52 for males, and Tables 53-56 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 57-60 females, 61-64 males, 65-68 both sexes) and
Adenocarcinoma (Tables 69-72 females, 73-76 males, 77-80 both sexes).

The remaining tables are for both sexes together.

Tables 81-84 give information for workplace ETS exposure (using data for workers only, if available).

The next tables give information on childhood ETS exposure:

85-88	For the most comprehensive index available, choosing mother if no more comprehensive available
89-92	For mother specifically
93-96	For father specifically
97-100	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:

101-104	For most comprehensive index available, choosing ETS from the mother if no more comprehensive available
105-108	For most comprehensive index available, choosing ETS from the father if no more comprehensive available
109-112	For mother specifically
113-116	For father specifically
117-120	Excluding ETS from the parents and spouse, otherwise most comprehensive index available
121-124	Excluding ETS from the spouse, otherwise most comprehensive index available, choosing ETS from the mother if no more comprehensive available
125-128	Excluding ETS from the spouse, otherwise most comprehensive index available, choosing ETS from the father if no more comprehensive available

Tables 129-132 give information on travel ETS exposure,
Tables 133-136 give information on social ETS exposure
and Tables 137-140 give information on total ETS exposure

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. An asterisk preceding this number identifies the study as prospective.

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, 9 = spouse, parents, siblings, work and/or public spaces, 10 = spouse, work or other locations and/or travel

When an analysis is restricted to a specific definition, this is shown in the table heading (e.g. females in Tables 1-20, exposure from the mother in Tables 89-92). 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 57-80), estimates relating to all lung cancer (or the most comprehensive available) are used.

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, 21, 22, 25, 26, 45, 46, 49, 50 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, download LEE2015L.pdf. The results are also summarized in the following documents: download LEE2015J.pdf (which includes references to the individual studies), LEE2015K.pdf and LEE2014K.pdf.

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Table 1
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 Overall analysis - adjusted

Overall									
StN	Ref	NRR	Numbers 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	SCHOEN	2	f -	-	-	-	1.07	(0.70-	1.64)
26	SVENSS	5	f -	-	-	-	1.36	(0.53-	3.49)
27	JANERI	3	f -	-	-	-	0.75	(0.47-	1.20)
28	KALAND	3	f -	-	-	-	2.11	(1.09-	4.08)
29	SOBUE	2	f -	-	-	-	1.13	(0.78-	1.63)
30	WU-WIL	4	f -	-	-	-	0.70	(0.60-	0.90)
31	LIUZ	2	f -	-	-	-	0.77	(0.30-	1.96)
32	BROWN2	4	f -	-	-	-	1.00	(0.80-	1.20)
33	STOCKW	3	f -	-	-	-	1.60	(0.80-	3.00)
34	DU	1	f 47	154	28	100	1.09	(0.64-	1.85)
35	LIUQ	2	f -	-	-	-	1.72	(0.77-	3.87)
36	FONTHA	6	f -	-	-	-	1.29	(1.04-	1.60)
37	LAYARD	4	f -	-	-	-	0.58	(0.30-	1.13)
38	DEWAAR	1	f 19	124	4	67	2.57	(0.84-	7.85)
39	KABAT2	6	f -	-	-	-	1.08	(0.60-	1.94)
40	SCHWAR	6	f -	-	-	-	1.10	(0.72-	1.68)
41	SUN	2	f -	-	-	-	1.16	(0.80-	1.69)
42	WANGS	1	f 67	60	15	34	2.53	(1.26-	5.10)
43	WANGT	2	f 92	89	43	46	1.11	(0.67-	1.84)
44	CARDEN	10	f -	-	-	-	1.20	(0.80-	1.60)
45	ZHENG	2	f 62	179	7	51	2.52	(1.09-	5.85)
47	BOFFET	9	f -	-	-	-	1.11	(0.88-	1.39)
48	SHEN	1	f 56	59	14	11	0.75	(0.31-	1.78)
49	ZARIDZ	4	f -	-	-	-	1.53	(1.06-	2.21)
50	BOFFE2	14	f -	-	-	-	1.00	(0.50-	1.90)
51	JEE	4	f -	-	-	-	1.72	(0.93-	3.18)
52	RAPITI	2	f -	-	-	-	1.20	(0.50-	2.90)
53	SPEIZE	1	f -	-	-	-	1.50	(0.30-	6.30)
54	ZHONG	2	f -	-	-	-	1.10	(0.80-	1.50)
55	LEECH	8	f -	-	-	-	1.87	(1.29-	2.71)
56	MALATS	9	f -	-	-	-	1.50	(0.77-	2.91)
57	WANGL	36	f -	-	-	-	1.03	(0.60-	1.70)
58	JOHNSO	8	f -	-	-	-	1.20	(0.62-	2.30)
59	LAGARD	4	f -	-	-	-	1.15	(0.84-	1.58)
60	NISHIN	2	f -	-	-	-	1.80	(0.67-	4.60)
61	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)

 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), 17-NOV-15
 Female
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
69	FRANCO	3	f -	-	81	260	1.80	(0.95- 3.42)
70	GORLOV	2	f -	-	-	-	1.15	(0.63- 2.10)
72	RYLAND	2	f -	-	-	-	1.37	(0.57- 3.30)
73	WEN	1	f -	-	-	-	1.09	(0.74- 1.61)
74	YU	1	f -	-	-	-	1.35	(0.70- 2.63)
76	HILL1	2	f -	-	-	-	1.00	(0.49- 2.01)
77	HILL2	3	f -	-	-	-	1.38	(0.78- 2.41)
78	LOPEZC	3	f -	-	1	4	0.99	(0.00- 509.87)
79	ASOMAN	13	f -	-	-	-	0.93	(0.31- 2.78)
80	GALLEG	3	f -	-	-	-	8.00	(0.85- 75.31)
81	KURAHA	10	f -	-	-	-	1.26	(0.78- 2.03)
83	YANG	8	f -	-	-	-	2.00	(1.10- 3.63)
86	LIANG	2	f141	149	85	130	1.45	(1.01- 2.07)
87	BRENNE	18	f -	-	-	-	0.40	(0.25- 0.63)
88	JIANG	11	f -	-	-	-	2.27	(1.13- 4.53)
90	KIYOHA	3	f -	-	-	-	1.01	(0.47- 2.17)
91	HE	4	f -	-	-	-	2.07	(0.23- 18.34)
92	LIM	1	f200	602	226	764	1.12	(0.90- 1.40)
93	LIN	7	f -	-	-	-	2.50	(1.66- 3.77)
95	ALZOUG	2	f -	-	-	-	0.39	(0.15- 0.98)
96	GELAC	27	f -	-	-	-	1.30	(1.09- 1.56)
97	MASJED	6	f 21	28	34	91	2.01	(1.01- 4.00)
98	REN	2	f -	-	-	-	1.20	(0.99- 1.46)
99	SEKI	20	f -	-	-	-	1.31	(0.99- 1.72)
100	WHIOS	1	f -	-	-	-	0.88	(0.52- 1.49)
101	ILCCO	82	f -	-	-	-	1.20	(1.06- 1.36)
102	TORRES	8	f -	-	-	-	0.71	(0.46- 1.10)
Partial Totals			1323	98731	939	84813		

*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
1	GARFI1	1	f	t	0.16	37.42	0.01	0.3420
2	CHAN	1	f	t	-0.28	12.78	2.66	0.3086
3	CORREA	2	f	t	0.73	4.41	1.35	0.1276
4	TRICHO	1	f	y	0.73	12.77	3.98	0.0091
5	BUFFLE	2	f	t	-0.22	5.19	0.78	0.6209
6	HIRAYA	8	f	t	0.37	30.26	1.21	0.0410
7	KABAT1	4	f	t	-0.24	2.99	0.50	0.6802
8	GARFI2	3	f	t	0.21	22.25	0.03	0.3229
9	LAMW	1	f	a	0.70	10.14	2.82	0.0261
10	WU	3	f	a	0.18	4.31	0.00	0.7049
11	AKIBA	4	f	t	0.41	12.99	0.71	0.1440
12	LEE	6	f	t	0.00	3.88	0.11	1.0000
13	BROWN1	2	f	a	0.52	1.86	0.22	0.4791
14	GAO	8	f	t	0.27	23.89	0.21	0.1944
15	HUMBL1	4	f	t	0.79	3.31	1.26	0.1516
16	KOO	3	f	t	0.49	9.57	1.00	0.1260
17	LAMT	1	f	t	0.50	30.63	3.30	0.0057
18	PERSHA	2	f	t	0.18	12.73	0.00	0.5153
19	BUTLER	2	f	t	0.70	1.85	0.52	0.3388
20	GENG	1	f	t	0.77	8.13	2.90	0.0285
21	INOUE	2	f	t	0.81	2.58	1.05	0.1930
22	SHIMIZ	2	f	t	0.08	14.20	0.12	0.7646
23	CHOI	2	f	t	0.49	11.99	1.20	0.0916
24	HOLE	2	f	t	0.64	0.84	0.18	0.5613
25	SCHOEN	2	f	t	0.07	21.00	0.22	0.7533
26	SVENSS	5	f	t	0.31	4.33	0.08	0.5225
27	JANERI	3	f	t	-0.29	17.49	3.69	0.2289
28	KALAND	3	f	t	0.75	8.82	2.92	0.0266
29	SOBUE	2	f	t	0.12	28.29	0.07	0.5157
30	WU-WIL	4	f	t	-0.36	93.46	26.06	0.0006
31	LIUZ	2	f	t	-0.26	4.36	0.82	0.5852
32	BROWN2	4	f	t	0.00	93.46	2.74	1.0000
33	STOCKW	3	f	t	0.47	8.80	0.78	0.1634
34	DU	1	f	t	0.09	13.61	0.10	0.7506

 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), 17-NOV-15
 Female
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
35	LIUQ	2	f	t	0.54	5.89	0.81	0.1880
36	FONTHA	6	f	t	0.25	82.80	0.57	0.0205
37	LAYARD	4	f	t	-0.54	8.74	4.48	0.1074
38	DEWAAR	1	f	t	0.94	3.07	1.83	0.0986
39	KABAT2	6	f	t	0.08	11.16	0.10	0.7971
40	SCHWAR	6	f	t	0.10	21.40	0.12	0.6593
41	SUN	2	f	t	0.15	27.47	0.01	0.4366
42	WANGS	1	f	t	0.93	7.83	4.49	0.0093
43	WANGT	2	f	t	0.10	14.90	0.07	0.6978
44	CARDEN	10	f	t	0.18	31.98	0.00	0.3025
45	ZHENG	2	f	t	0.93	5.43	3.09	0.0310
47	BOFFET	9	f	t	0.10	73.53	0.33	0.3709
48	SHEN	1	f	a	-0.29	5.07	1.10	0.5088
49	ZARIDZ	4	f	t	0.43	28.46	1.84	0.0233
50	BOFFE2	14	f	a	0.00	8.62	0.25	1.0000
51	JEE	4	f	t	0.54	10.17	1.40	0.0838
52	RAPITI	2	f	t	0.18	4.97	0.00	0.6843
53	SPEIZE	1	f	t	0.41	1.66	0.09	0.6016
54	ZHONG	2	f	t	0.10	38.89	0.22	0.5523
55	LEECH	8	f	t	0.63	27.89	5.76	0.0009
56	MALATS	9	f	t	0.41	8.69	0.48	0.2319
57	WANGL	36	f	t	0.03	14.17	0.28	0.9114
58	JOHNSO	8	f	t	0.18	8.94	0.00	0.5856
59	LAGARD	4	f	t	0.14	38.50	0.04	0.3859
60	NISHIN	2	f	t	0.59	4.14	0.72	0.2317
61	OHNO	6	f	t	0.00	24.05	0.71	1.0000
63	ENSTRO	12	f	t	-0.06	31.30	1.70	0.7292
64	ZATLOU	6	f	g	-0.73	5.67	4.64	0.0806
65	IARCKR	2	f	t	-0.22	16.83	2.62	0.3600
66	MCGHEE	2	f	t	0.32	25.59	0.58	0.1032
67	EPICA	10	f	t	-0.17	4.33	0.52	0.7167
68	FANG	2	f	t	0.57	15.25	2.43	0.0258
69	FRANCO	3	f	t	0.59	9.36	1.62	0.0721
70	GORLOV	2	f	t	0.14	10.60	0.01	0.6491
72	RYLAND	2	f	t	0.31	4.98	0.10	0.4822
73	WEN	1	f	t	0.09	25.43	0.18	0.6639
74	YU	1	f	t	0.30	8.70	0.14	0.3760
76	HILL1	2	f	t	0.00	7.71	0.23	1.0000
77	HILL2	3	f	t	0.32	12.07	0.27	0.2631
78	LOPEZC	3	f	t	-0.01	0.10	0.00	0.9982
79	ASOMAN	13	f	t	-0.07	3.19	0.19	0.8968
80	GALLEG	3	f	t	2.08	0.76	2.78	0.0691
81	KURAHA	10	f	t	0.23	16.80	0.06	0.3436
83	YANG	8	f	t	0.69	10.78	2.93	0.0229
86	LIANG	2	f	t	0.37	30.07	1.18	0.0426
87	BRENNE	18	f	t	-0.92	17.99	21.28	0.0001
88	JIANG	11	f	t	0.82	8.00	3.35	0.0206
90	KIYOHA	3	f	t	0.00	6.51	0.18	0.9899
91	HE	4	f	t	0.73	0.80	0.25	0.5148
92	LIM	1	f	t	0.12	80.68	0.25	0.2971
93	LIN	7	f	t	0.92	22.79	12.69	0.0000
95	ALZOUG	2	f	t	-0.94	4.36	5.40	0.0492
96	GELAC	27	f	t	0.26	119.55	0.99	0.0041
97	MASJED	6	f	t	0.70	8.08	2.23	0.0476
98	REN	2	f	t	0.18	101.81	0.01	0.0658
99	SEKI	20	f	t	0.27	50.36	0.49	0.0553
100	WHIOS	1	f	t	-0.13	13.87	1.24	0.6341
101	ILCCO	82	f	t	0.18	247.40	0.03	0.0041
102	TORRES	8	f	t	-0.34	20.22	5.34	0.1236

 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), 17-NOV-15
 Female
 Overall analysis - adjusted

Relative risks

	N	93
	NS	93
	Wt	2034.95
	Het Chi	168.39
	Het df	92
	Het P	***
Fixed	RR	1.19
	RRl	1.14
	RRu	1.24
	P	+++
Random	RR	1.22
	RRl	1.14
	RRu	1.31
	P	+++
Asymm	P	(*)

 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 2
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 Overall analysis - unadjusted

Overall									
StN	Ref	NRR	Numbers 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	SCHOEN	2	f -	-	-	-	1.07	(0.70-	1.64)
26	SVENSS	1	f 24	114	10	60	1.26	(0.57-	2.81)
27	JANERI	3	f -	-	-	-	0.75	(0.47-	1.20)
28	KALAND	2	f 64	70	26	46	1.62	(0.90-	2.91)
29	SOBUE	1	f 80	395	64	336	1.06	(0.74-	1.52)
30	WU-WIL	3	f205	331	212	271	0.79	(0.62-	1.02)
31	LIUZ	1	f 45	176	9	26	0.74	(0.32-	1.69)
32	BROWN2	3	f218	598	213	568	0.97	(0.78-	1.21)
33	STOCKW	2	f 44	55	18	36	1.60	(0.80-	3.19)
34	DU	1	f 47	154	28	100	1.09	(0.64-	1.85)
35	LIUQ	1	f 25	37	13	32	1.66	(0.73-	3.78)
36	FONTHA	5	f433	766	218	487	1.26	(1.04-	1.54)
37	LAYARD	3	f 15	961	24	969	0.63	(0.33-	1.21)
38	DEWAAR	1	f 19	124	4	67	2.57	(0.84-	7.85)
39	KABAT2	5	f 41	102	26	71	1.10	(0.62-	1.96)
40	SCHWAR	5	f -	-	-	-	1.18	(0.77-	1.81)
41	SUN	11	f144	136	86	94	1.16	(0.80-	1.68)
42	WANGS	1	f 67	60	15	34	2.53	(1.26-	5.10)
43	WANGT	2	f 92	89	43	46	1.11	(0.67-	1.84)
44	CARDEN	9	f 96	114286	54	77948	1.21	(0.87-	1.69)
45	ZHENG	2	f 62	179	7	51	2.52	(1.09-	5.85)
47	BOFFET	8	f321	632	187	376	1.02	(0.82-	1.27)
48	SHEN	1	f 56	59	14	11	0.75	(0.31-	1.78)
49	ZARIDZ	3	f109	163	80	195	1.63	(1.14-	2.33)
50	BOFFE2	13	f 33	69	33	68	0.99	(0.55-	1.77)
51	JEE	3	f 67	-	12	-	1.80	(0.98-	3.30)
52	RAPITI	1	f 13	21	28	46	1.02	(0.44-	2.35)
53	SPEIZE	1	f -	-	-	-	1.50	(0.30-	6.30)
54	ZHONG	1	f322	377	182	224	1.05	(0.82-	1.34)
55	LEECH	7	f186	253	82	192	1.72	(1.25-	2.37)
56	MALATS	2	f -	-	-	-	1.70	(0.95-	3.05)
57	WANGL	35	f169	337	31	70	1.13	(0.71-	1.80)
58	JOHNSO	7	f 54	543	17	218	1.28	(0.72-	2.25)
59	LAGARD	3	f -	-	-	-	1.15	(0.86-	1.54)
60	NISHIN	1	f 11	30566	13	43361	1.20	(0.54-	2.68)
61	OHNO	5	f139	239	52	90	1.01	(0.67-	1.50)
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)
67	EPICA	10	f -	-	-	-	0.84	(0.33-	2.17)
68	FANG	1	f -	-	-	-	2.74	(1.82-	4.14)

 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), 17-NOV-15
 Female
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
69	FRANCO	3	f -	-	81	260	1.80 (0.95- 3.42)	
70	GORLOV	14	f 92	89	38	48	1.31 (0.78- 2.19)	
72	RYLAND	2	f -	-	-	-	1.37 (0.57- 3.30)	
73	WEN	1	f -	-	-	-	1.09 (0.74- 1.61)	
74	YU	8	f183	246	30	46	1.14 (0.69- 1.88)	
76	HILL1	2	f -	-	-	-	1.00 (0.49- 2.01)	
77	HILL2	2	f -	-	-	-	1.16 (0.70- 1.92)	
78	LOPEZC	3	f -	-	1	4	0.99 (0.00- 509.87)	
79	ASOMAN	13	f -	-	-	-	0.93 (0.31- 2.78)	
80	GALLEG	3	f -	-	-	-	8.00 (0.85- 75.31)	
81	KURAHA	9	f 84	280346	25	97466	1.17 (0.75- 1.83)	
83	YANG	11	f -	-	-	-	1.56 (1.06- 2.30)	
86	LIANG	2	f141	149	85	130	1.45 (1.01- 2.07)	
87	BRENNE	18	f -	-	-	-	0.40 (0.25- 0.63)	
88	JIANG	9	f 67	48	31	50	2.25 (1.26- 4.03)	
90	KIYOHA	3	f -	-	-	-	1.01 (0.47- 2.17)	
91	HE	3	f 5	340	1	131	1.93 (0.23- 16.33)	
92	LIM	1	f200	602	226	764	1.12 (0.90- 1.40)	
93	LIN	1	f135	92	91	177	2.85 (1.98- 4.12)	
95	ALZOUG	32	f -	-	-	-	0.44 (0.19- 1.06)	
96	GELAC	19	f571	461	601	711	1.47 (1.24- 1.73)	
97	MASJED	6	f 21	28	34	91	2.01 (1.01- 4.00)	
98	REN	1	f551	684	213	299	1.13 (0.92- 1.39)	
99	SEKI	11	f193	1170	99	640	1.07 (0.82- 1.38)	
100	WHIOS	1	f -	-	-	-	0.88 (0.52- 1.49)	
101	ILCCO	84	f -	-	-	-	1.23 (1.10- 1.38)	
102	TORRES	8	f -	-	-	-	0.71 (0.46- 1.10)	
Partial Totals			6759	614852	4149	376604		

*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	2.90	0.3086
3	CORREA	2	f	t	0.73	4.41	1.26	0.1276
4	TRICHO	1	f	y	0.73	12.77	3.70	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	1.49	0.1154
16	KOO	2	f	t	0.44	12.88	0.76	0.1182
17	LAMT	1	f	t	0.50	30.63	2.90	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	2	f	t	0.49	11.99	1.05	0.0916
24	HOLE	2	f	t	0.64	0.84	0.16	0.5613
25	SCHOEN	2	f	t	0.07	21.00	0.32	0.7533
26	SVENSS	1	f	t	0.23	5.98	0.01	0.5677
27	JANERI	3	f	t	-0.29	17.49	4.02	0.2289
28	KALAND	2	f	t	0.48	11.10	0.93	0.1091
29	SOBUE	1	f	t	0.06	29.73	0.51	0.7379
30	WU-WIL	3	f	t	-0.23	61.33	11.10	0.0674
31	LIUZ	1	f	t	-0.30	5.63	1.38	0.4721
32	BROWN2	3	f	t	-0.03	78.65	3.81	0.8021
33	STOCKW	2	f	t	0.47	8.05	0.62	0.1824
34	DU	1	f	t	0.09	13.61	0.15	0.7506

 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

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), 17-NOV-15
 Female
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
35	LIUQ	1	f	t	0.51	5.71	0.57	0.2242
36	FONTHA	5	f	t	0.23	97.51	0.17	0.0212
37	LAYARD	3	f	t	-0.46	9.06	3.87	0.1647
38	DEWAAR	1	f	t	0.94	3.07	1.73	0.0986
39	KABAT2	5	f	t	0.09	11.53	0.11	0.7517
40	SCHWAR	5	f	t	0.17	21.03	0.01	0.4478
41	SUN	11	f	t	0.15	27.35	0.06	0.4448
42	WANGS	1	f	t	0.93	7.83	4.25	0.0093
43	WANGT	2	f	t	0.10	14.90	0.12	0.6978
44	CARDEN	9	f	t	0.19	34.59	0.00	0.2571
45	ZHENG	2	f	t	0.93	5.43	2.92	0.0310
47	BOFFET	8	f	t	0.02	78.71	2.30	0.8520
48	SHEN	1	f	a	-0.29	5.07	1.19	0.5088
49	ZARIDZ	3	f	t	0.49	30.36	2.67	0.0071
50	BOFFE2	13	f	a	-0.01	11.14	0.47	0.9611
51	JEE	3	f	t	0.59	10.42	1.63	0.0577
52	RAPITI	1	f	t	0.02	5.49	0.17	0.9685
53	SPEIZE	1	f	t	0.41	1.66	0.08	0.6016
54	ZHONG	1	f	t	0.05	63.63	1.28	0.6903
55	LEECH	7	f	t	0.54	37.41	4.62	0.0009
56	MALATS	2	f	t	0.53	11.29	1.30	0.0745
57	WANGL	35	f	t	0.12	18.04	0.08	0.5975
58	JOHNSO	7	f	t	0.24	11.94	0.03	0.4008
59	LAGARD	3	f	t	0.14	45.27	0.12	0.3470
60	NISHIN	1	f	t	0.18	5.96	0.00	0.6557
61	OHNO	5	f	t	0.01	23.97	0.82	0.9743
63	ENSTRO	9	f	t	-0.01	37.13	1.51	0.9512
64	ZATLOU	3	f	g	-0.84	6.11	6.54	0.0372
65	IARCKR	1	f	t	-0.11	21.40	1.89	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	15.15	0.0000
69	FRANCO	3	f	t	0.59	9.36	1.47	0.0721
70	GORLOV	14	f	t	0.27	14.44	0.08	0.3107
72	RYLAND	2	f	t	0.31	4.98	0.08	0.4822
73	WEN	1	f	t	0.09	25.43	0.28	0.6639
74	YU	8	f	t	0.13	15.48	0.06	0.6046
76	HILL1	2	f	t	0.00	7.71	0.28	1.0000
77	HILL2	2	f	t	0.15	15.09	0.03	0.5642
78	LOPEZC	3	f	t	-0.01	0.10	0.00	0.9982
79	ASOMAN	13	f	t	-0.07	3.19	0.22	0.8968
80	GALLEG	3	f	t	2.08	0.76	2.72	0.0691
81	KURAHA	9	f	t	0.16	19.27	0.03	0.4951
83	YANG	11	f	t	0.44	25.61	1.64	0.0244
86	LIANG	2	f	t	0.37	30.07	0.95	0.0426
87	BRENNE	18	f	t	-0.92	17.99	22.09	0.0001
88	JIANG	9	f	t	0.81	11.36	4.36	0.0062
90	KIYOHA	3	f	t	0.00	6.51	0.23	0.9899
91	HE	3	f	t	0.66	0.84	0.18	0.5477
92	LIM	1	f	t	0.12	80.68	0.46	0.2971
93	LIN	1	f	t	1.05	28.64	21.03	0.0000
95	ALZOUG	32	f	t	-0.82	5.20	5.33	0.0612
96	GELAC	19	f	t	0.38	143.04	5.17	0.0000
97	MASJED	6	f	t	0.70	8.08	2.06	0.0476
98	REN	1	f	t	0.12	88.37	0.42	0.2479
99	SEKI	11	f	t	0.06	56.50	0.92	0.6290
100	WHIOS	1	f	t	-0.13	13.87	1.42	0.6341
101	ILCCO	84	f	t	0.21	301.67	0.06	0.0003
102	TORRES	8	f	t	-0.34	20.22	5.77	0.1236

 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 2
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 Overall analysis - unadjusted

Relative risks

	N	93
	NS	93
	Wt	2215.97
Het	Chi	183.21
Het	df	92
Het	P	***
Fixed	RR	1.21
	RRl	1.16
	RRu	1.26
	P	+++
Random	RR	1.22
	RRl	1.14
	RRu	1.31
	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 : 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 3
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By continent - adjusted

NAmerica

StN	Ref	NRR	Numbers 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)	
25	SCHOEN	2	f -	-	-	-	1.07 (0.70- 1.64)	
27	JANERI	3	f -	-	-	-	0.75 (0.47- 1.20)	
32	BROWN2	4	f -	-	-	-	1.00 (0.80- 1.20)	
33	STOCKW	3	f -	-	-	-	1.60 (0.80- 3.00)	
36	FONTHA	6	f -	-	-	-	1.29 (1.04- 1.60)	
37	LAYARD	4	f -	-	-	-	0.58 (0.30- 1.13)	
39	KABAT2	6	f -	-	-	-	1.08 (0.60- 1.94)	
40	SCHWAR	6	f -	-	-	-	1.10 (0.72- 1.68)	
44	CARDEN	10	f -	-	-	-	1.20 (0.80- 1.60)	
53	SPEIZE	1	f -	-	-	-	1.50 (0.30- 6.30)	
58	JOHNSO	8	f -	-	-	-	1.20 (0.62- 2.30)	
63	ENSTRO	12	f -	-	-	-	0.94 (0.66- 1.33)	
69	FRANCO	3	f -	-	81	260	1.80 (0.95- 3.42)	
70	GORLOV	2	f -	-	-	-	1.15 (0.63- 2.10)	
79	ASOMAN	13	f -	-	-	-	0.93 (0.31- 2.78)	
80	GALLEG	3	f -	-	-	-	8.00 (0.85- 75.31)	
83	YANG	8	f -	-	-	-	2.00 (1.10- 3.63)	
87	BRENNE	18	f -	-	-	-	0.40 (0.25- 0.63)	
95	ALZOUG	2	f -	-	-	-	0.39 (0.15- 0.98)	
100	WHIOS	1	f -	-	-	-	0.88 (0.52- 1.49)	
Partial Totals			239	95374	216	82381		

*prospective study

Europe

StN	Ref	NRR	Numbers 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)	
26	SVENSS	5	f -	-	-	-	1.36 (0.53- 3.49)	
28	KALAND	3	f -	-	-	-	2.11 (1.09- 4.08)	
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84- 7.85)	
47	BOFFET	9	f -	-	-	-	1.11 (0.88- 1.39)	
49	ZARIDZ	4	f -	-	-	-	1.53 (1.06- 2.21)	
50	BOFFE2	14	f -	-	-	-	1.00 (0.50- 1.90)	
56	MALATS	9	f -	-	-	-	1.50 (0.77- 2.91)	
59	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)	
72	RYLAND	2	f -	-	-	-	1.37 (0.57- 3.30)	
78	LOPEZC	3	f -	-	1	4	0.99 (0.00- 509.87)	
102	TORRES	8	f -	-	-	-	0.71 (0.46- 1.10)	
Partial Totals			77	1535	30	669		

*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 3
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By continent - adjusted

Asia									
StN	Ref	NRR	Numbers 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)
29	SOBUE	2	f -	-	-	-	1.13	(0.78-	1.63)
30	WU-WIL	4	f -	-	-	-	0.70	(0.60-	0.90)
31	LIUZ	2	f -	-	-	-	0.77	(0.30-	1.96)
34	DU	1	f 47	154	28	100	1.09	(0.64-	1.85)
35	LIUQ	2	f -	-	-	-	1.72	(0.77-	3.87)
41	SUN	2	f -	-	-	-	1.16	(0.80-	1.69)
42	WANGS	1	f 67	60	15	34	2.53	(1.26-	5.10)
43	WANGT	2	f 92	89	43	46	1.11	(0.67-	1.84)
45	ZHENG	2	f 62	179	7	51	2.52	(1.09-	5.85)
48	SHEN	1	f 56	59	14	11	0.75	(0.31-	1.78)
51	JEE	4	f -	-	-	-	1.72	(0.93-	3.18)
52	RAPITI	2	f -	-	-	-	1.20	(0.50-	2.90)
54	ZHONG	2	f -	-	-	-	1.10	(0.80-	1.50)
55	LEECH	8	f -	-	-	-	1.87	(1.29-	2.71)
57	WANGL	36	f -	-	-	-	1.03	(0.60-	1.70)
60	NISHIN	2	f -	-	-	-	1.80	(0.67-	4.60)
61	OHNO	6	f -	-	-	-	1.00	(0.67-	1.49)
66	MCGHEE	2	f -	-	-	-	1.38	(0.94-	2.04)
68	FANG	2	f -	-	-	-	1.77	(1.07-	2.92)
73	WEN	1	f -	-	-	-	1.09	(0.74-	1.61)
74	YU	1	f -	-	-	-	1.35	(0.70-	2.63)
81	KURAHA	10	f -	-	-	-	1.26	(0.78-	2.03)
86	LIANG	2	f141	149	85	130	1.45	(1.01-	2.07)
88	JIANG	11	f -	-	-	-	2.27	(1.13-	4.53)
90	KIYOHA	3	f -	-	-	-	1.01	(0.47-	2.17)
91	HE	4	f -	-	-	-	2.07	(0.23-	18.34)
92	LIM	1	f200	602	226	764	1.12	(0.90-	1.40)
93	LIN	7	f -	-	-	-	2.50	(1.66-	3.77)
96	GELAC	27	f -	-	-	-	1.30	(1.09-	1.56)
97	MASJED	6	f 21	28	34	91	2.01	(1.01-	4.00)
98	REN	2	f -	-	-	-	1.20	(0.99-	1.46)
99	SEKI	20	f -	-	-	-	1.31	(0.99-	1.72)
Partial Totals			1007	1822	693	1763			

*prospective study

Other									
StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
76	HILL1	2	f -	-	-	-	1.00	(0.49-	2.01)
77	HILL2	3	f -	-	-	-	1.38	(0.78-	2.41)
101	ILCCO	82	f -	-	-	-	1.20	(1.06-	1.36)
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 3
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By continent - adjusted

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	29	18	43	3	93
NS	29	18	43	3	93
Wt	493.24	256.36	1018.17	267.19	2034.95
Het Chi	50.07	25.11	85.40	0.49	168.39
Het df	28	17	42	2	92
Het P	**	(*)	***	N.S.	***
Fixed RR	1.08	1.16	1.25	1.20	1.19
RRl	0.99	1.02	1.17	1.07	1.14
RRu	1.18	1.31	1.33	1.35	1.24
P	(+)	+	+++	++	+++
Random RR	1.07	1.17	1.33	1.20	1.22
RRl	0.94	0.99	1.20	1.07	1.14
RRu	1.23	1.39	1.46	1.35	1.31
P	N.S.	(+)	+++	++	+++
Asymm P	N.S.	N.S.	*	N.S.	(*)
Between Chi		0.87	7.11	2.04	7.31
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 4
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Numbers 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)
25	SCHOEN	2	f -	-	-	-	1.07 (0.70-	1.64)
27	JANERI	3	f -	-	-	-	0.75 (0.47-	1.20)
32	BROWN2	3	f218	598	213	568	0.97 (0.78-	1.21)
33	STOCKW	2	f 44	55	18	36	1.60 (0.80-	3.19)
36	FONTHA	5	f433	766	218	487	1.26 (1.04-	1.54)
37	LAYARD	3	f 15	961	24	969	0.63 (0.33-	1.21)
39	KABAT2	5	f 41	102	26	71	1.10 (0.62-	1.96)
40	SCHWAR	5	f -	-	-	-	1.18 (0.77-	1.81)
44	CARDEN	9	f 96	114286	54	77948	1.21 (0.87-	1.69)
53	SPEIZE	1	f -	-	-	-	1.50 (0.30-	6.30)
58	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 -	-	81	260	1.80 (0.95-	3.42)
70	GORLOV	14	f 92	89	38	48	1.31 (0.78-	2.19)
79	ASOMAN	13	f -	-	-	-	0.93 (0.31-	2.78)
80	GALLEG	3	f -	-	-	-	8.00 (0.85-	75.31)
83	YANG	11	f -	-	-	-	1.56 (1.06-	2.30)
87	BRENNE	18	f -	-	-	-	0.40 (0.25-	0.63)
95	ALZOUG	32	f -	-	-	-	0.44 (0.19-	1.06)
100	WHIOS	1	f -	-	-	-	0.88 (0.52-	1.49)
Partial Totals			1273	223484	858	205911		

*prospective study

Europe

StN	Ref	NRR	Numbers 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)
26	SVENSS	1	f 24	114	10	60	1.26 (0.57-	2.81)
28	KALAND	2	f 64	70	26	46	1.62 (0.90-	2.91)
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84-	7.85)
47	BOFFET	8	f321	632	187	376	1.02 (0.82-	1.27)
49	ZARIDZ	3	f109	163	80	195	1.63 (1.14-	2.33)
50	BOFFE2	13	f 33	69	33	68	0.99 (0.55-	1.77)
56	MALATS	2	f -	-	-	-	1.70 (0.95-	3.05)
59	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)
72	RYLAND	2	f -	-	-	-	1.37 (0.57-	3.30)
78	LOPEZC	3	f -	-	1	4	0.99 (0.00-	509.87)
102	TORRES	8	f -	-	-	-	0.71 (0.46-	1.10)
Partial Totals			694	2936	486	2310		

*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 4
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By continent - unadjusted

Asia									
StN	Ref	NRR	Numbers 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)
29	SOBUE	1	f 80	395	64	336	1.06	(0.74-	1.52)
30	WU-WIL	3	f205	331	212	271	0.79	(0.62-	1.02)
31	LIUZ	1	f 45	176	9	26	0.74	(0.32-	1.69)
34	DU	1	f 47	154	28	100	1.09	(0.64-	1.85)
35	LIUQ	1	f 25	37	13	32	1.66	(0.73-	3.78)
41	SUN	11	f144	136	86	94	1.16	(0.80-	1.68)
42	WANGS	1	f 67	60	15	34	2.53	(1.26-	5.10)
43	WANGT	2	f 92	89	43	46	1.11	(0.67-	1.84)
45	ZHENG	2	f 62	179	7	51	2.52	(1.09-	5.85)
48	SHEN	1	f 56	59	14	11	0.75	(0.31-	1.78)
51	JEE	3	f 67	-	12	-	1.80	(0.98-	3.30)
52	RAPITI	1	f 13	21	28	46	1.02	(0.44-	2.35)
54	ZHONG	1	f322	377	182	224	1.05	(0.82-	1.34)
55	LEECH	7	f186	253	82	192	1.72	(1.25-	2.37)
57	WANGL	35	f169	337	31	70	1.13	(0.71-	1.80)
60	NISHIN	1	f 11	30566	13	43361	1.20	(0.54-	2.68)
61	OHNO	5	f139	239	52	90	1.01	(0.67-	1.50)
66	MCGHEE	6	f 96	150	83	195	1.50	(1.05-	2.16)
68	FANG	1	f -	-	-	-	2.74	(1.82-	4.14)
73	WEN	1	f -	-	-	-	1.09	(0.74-	1.61)
74	YU	8	f183	246	30	46	1.14	(0.69-	1.88)
81	KURAHA	9	f 84	280346	25	97466	1.17	(0.75-	1.83)
86	LIANG	2	f141	149	85	130	1.45	(1.01-	2.07)
88	JIANG	9	f 67	48	31	50	2.25	(1.26-	4.03)
90	KIYOHA	3	f -	-	-	-	1.01	(0.47-	2.17)
91	HE	3	f 5	340	1	131	1.93	(0.23-	16.33)
92	LIM	1	f200	602	226	764	1.12	(0.90-	1.40)
93	LIN	1	f135	92	91	177	2.85	(1.98-	4.12)
96	GELAC	19	f571	461	601	711	1.47	(1.24-	1.73)
97	MASJED	6	f 21	28	34	91	2.01	(1.01-	4.00)
98	REN	1	f551	684	213	299	1.13	(0.92-	1.39)
99	SEKI	11	f193	1170	99	640	1.07	(0.82-	1.38)
Partial Totals			4792	388432	2805	168383			

*prospective study

Other									
StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
76	HILL1	2	f -	-	-	-	1.00	(0.49-	2.01)
77	HILL2	2	f -	-	-	-	1.16	(0.70-	1.92)
101	ILCCO	84	f -	-	-	-	1.23	(1.10-	1.38)
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 4
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By continent - unadjusted

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	29	18	43	3	93
NS	29	18	43	3	93
Wt	523.85	286.41	1081.24	324.47	2215.97
Het Chi	49.86	27.38	94.83	0.36	183.21
Het df	28	17	42	2	92
Het P	**	(*)	***	N.S.	***
Fixed RR	1.10	1.13	1.29	1.22	1.21
RRl	1.01	1.01	1.22	1.09	1.16
RRu	1.20	1.27	1.37	1.36	1.26
P	+	+	+++	+++	+++
Random RR	1.09	1.15	1.34	1.22	1.22
RRl	0.96	0.97	1.21	1.09	1.14
RRu	1.25	1.36	1.48	1.36	1.31
P	N.S.	N.S.	+++	+++	+++
Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.
Between Chi		0.15	9.21	2.19	10.78
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), 17-NOV-15
 Female
 By country within Asia - adjusted

			Numbers exposed Non-exposed					
StN	Ref	NRR	Case	Cont	Case	Cont	RR	95.00%CI
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)
29	SOBUE	2	f -	-	-	-	1.13	(0.78- 1.63)
60	NISHIN	2	f -	-	-	-	1.80	(0.67- 4.60)
61	OHNO	6	f -	-	-	-	1.00	(0.67- 1.49)
81	KURAHA	10	f -	-	-	-	1.26	(0.78- 2.03)
90	KIYOHA	3	f -	-	-	-	1.01	(0.47- 2.17)
99	SEKI	20	f -	-	-	-	1.31	(0.99- 1.72)
Partial Totals			52	91	38	72		

*prospective study

			Numbers exposed Non-exposed					
StN	Ref	NRR	Case	Cont	Case	Cont	RR	95.00%CI
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	f115	152	84	183	1.65	(1.16- 2.35)
66	MCGHEE	2	f -	-	-	-	1.38	(0.94- 2.04)
74	YU	1	f -	-	-	-	1.35	(0.70- 2.63)
Partial Totals			186	282	157	336		

*prospective study

			Numbers exposed Non-exposed					
StN	Ref	NRR	Case	Cont	Case	Cont	RR	95.00%CI
14	GAO	8	f -	-	-	-	1.30	(0.87- 1.94)
20	GENG	1	f 34	41	20	52	2.16	(1.08- 4.29)
30	WU-WIL	4	f -	-	-	-	0.70	(0.60- 0.90)
31	LIUZ	2	f -	-	-	-	0.77	(0.30- 1.96)
34	DU	1	f 47	154	28	100	1.09	(0.64- 1.85)
35	LIUQ	2	f -	-	-	-	1.72	(0.77- 3.87)
41	SUN	2	f -	-	-	-	1.16	(0.80- 1.69)
42	WANGS	1	f 67	60	15	34	2.53	(1.26- 5.10)
43	WANGT	2	f 92	89	43	46	1.11	(0.67- 1.84)
45	ZHENG	2	f 62	179	7	51	2.52	(1.09- 5.85)
48	SHEN	1	f 56	59	14	11	0.75	(0.31- 1.78)
54	ZHONG	2	f -	-	-	-	1.10	(0.80- 1.50)
57	WANGL	36	f -	-	-	-	1.03	(0.60- 1.70)
68	FANG	2	f -	-	-	-	1.77	(1.07- 2.92)
73	WEN	1	f -	-	-	-	1.09	(0.74- 1.61)
86	LIANG	2	f141	149	85	130	1.45	(1.01- 2.07)
88	JIANG	11	f -	-	-	-	2.27	(1.13- 4.53)
91	HE	4	f -	-	-	-	2.07	(0.23- 18.34)
93	LIN	7	f -	-	-	-	2.50	(1.66- 3.77)
98	REN	2	f -	-	-	-	1.20	(0.99- 1.46)
Partial Totals			499	731	212	424		

*prospective study

			Numbers exposed Non-exposed					
StN	Ref	NRR	Case	Cont	Case	Cont	RR	95.00%CI
23	CHOI	2	f 49	88	26	76	1.63	(0.92- 2.87)
51	JEE	4	f -	-	-	-	1.72	(0.93- 3.18)
52	RAPITI	2	f -	-	-	-	1.20	(0.50- 2.90)
55	LEECH	8	f -	-	-	-	1.87	(1.29- 2.71)
92	LIM	1	f200	602	226	764	1.12	(0.90- 1.40)
96	GELAC	27	f -	-	-	-	1.30	(1.09- 1.56)
97	MASJED	6	f 21	28	34	91	2.01	(1.01- 4.00)
Partial Totals			270	718	286	931		

*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 5
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By country within Asia - adjusted

	Japan	HongKong	China	Other	Total
Relative risks					
N	10	6	20	7	43
NS	10	6	20	7	43
Wt	190.17	97.41	467.26	263.33	1018.17
Het Chi	4.74	7.31	60.12	8.19	85.40
Het df	9	5	19	6	42
Het P	N.S.	N.S.	***	N.S.	***
Fixed RR	1.25	1.42	1.17	1.33	1.25
RRl	1.09	1.17	1.06	1.18	1.17
RRu	1.45	1.74	1.28	1.51	1.33
P	++	+++	+++	+++	+++
Random RR	1.25	1.41	1.32	1.39	1.33
RRl	1.09	1.10	1.10	1.18	1.20
RRu	1.45	1.81	1.59	1.64	1.46
P	++	++	++	+++	+++
Asymm P	N.S.	N.S.	*	N.S.	*
Between Chi		1.02	0.73	0.43	5.05
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 6
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By region within Europe - adjusted

Western

StN	Ref	NRR	Numbers 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)	
26	SVENSS	5	f -	-	-	-	1.36 (0.53- 3.49)	
47	BOFFET	9	f -	-	-	-	1.11 (0.88- 1.39)	
59	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)	
72	RYLAND	2	f -	-	-	-	1.37 (0.57- 3.30)	
78	LOPEZC	3	f -	-	1	4	0.99 (0.00- 509.87)	
102	TORRES	8	f -	-	-	-	0.71 (0.46- 1.10)	
Partial Totals			5	1295	2	493		

*prospective study

Other

StN	Ref	NRR	Numbers 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)	
28	KALAND	3	f -	-	-	-	2.11 (1.09- 4.08)	
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84- 7.85)	
49	ZARIDZ	4	f -	-	-	-	1.53 (1.06- 2.21)	
50	BOFFE2	14	f -	-	-	-	1.00 (0.50- 1.90)	
56	MALATS	9	f -	-	-	-	1.50 (0.77- 2.91)	
64	ZATLOU	6	f -	-	-	-	0.48 (0.21- 1.09)	
Partial Totals			72	240	28	176		

*prospective study

Western	Other	Total
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Relative risks

N	11	7	18
NS	11	7	18
Wt	180.25	76.10	256.36
Het Chi	6.26	12.04	25.11
Het df	10	6	17
Het P	N.S.	(*)	(*)
Fixed RR	1.04	1.49	1.16
RRl	0.90	1.19	1.02
RRu	1.21	1.86	1.31
P	N.S.	+++	+
Random RR	1.04	1.45	1.17
RRl	0.90	1.03	0.99
RRu	1.21	2.04	1.39
P	N.S.	+	(+)
Asymm P	N.S.	N.S.	N.S.
Between Chi		6.82	6.82
Between df		1	1
Between 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 7
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By publication year (4 groups) - adjusted

1981-89

StN	Ref	NRR	Numbers 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	SCHOEN	2	f -	-	-	-	1.07 (0.70-	1.64)
26	SVENSS	5	f -	-	-	-	1.36 (0.53-	3.49)
Partial Totals			618	97287	401	83255		

*prospective study

1990-99

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

*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 7
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By publication year (4 groups) - adjusted

2000-09

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
55	LEECH	8	f -	-	-	-	1.87 (1.29- 2.71)	
56	MALATS	9	f -	-	-	-	1.50 (0.77- 2.91)	
57	WANGL	36	f -	-	-	-	1.03 (0.60- 1.70)	
58	JOHNSO	8	f -	-	-	-	1.20 (0.62- 2.30)	
59	LAGARD	4	f -	-	-	-	1.15 (0.84- 1.58)	
60	NISHIN	2	f -	-	-	-	1.80 (0.67- 4.60)	
61	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 -	-	81	260	1.80 (0.95- 3.42)	
70	GORLOV	2	f -	-	-	-	1.15 (0.63- 2.10)	
72	RYLAND	2	f -	-	-	-	1.37 (0.57- 3.30)	
73	WEN	1	f -	-	-	-	1.09 (0.74- 1.61)	
74	YU	1	f -	-	-	-	1.35 (0.70- 2.63)	
76	HILL1	2	f -	-	-	-	1.00 (0.49- 2.01)	
77	HILL2	3	f -	-	-	-	1.38 (0.78- 2.41)	
78	LOPEZC	3	f -	-	1	4	0.99 (0.00- 509.87)	
79	ASOMAN	13	f -	-	-	-	0.93 (0.31- 2.78)	
80	GALLEG	3	f -	-	-	-	8.00 (0.85- 75.31)	
81	KURAHA	10	f -	-	-	-	1.26 (0.78- 2.03)	
83	YANG	8	f -	-	-	-	2.00 (1.10- 3.63)	
86	LIANG	2	f141	149	85	130	1.45 (1.01- 2.07)	
Partial Totals			141	149	167	394		

*prospective study

2010 onwards

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
87	BRENNE	18	f -	-	-	-	0.40 (0.25- 0.63)	
88	JIANG	11	f -	-	-	-	2.27 (1.13- 4.53)	
90	KIYOHA	3	f -	-	-	-	1.01 (0.47- 2.17)	
91	HE	4	f -	-	-	-	2.07 (0.23- 18.34)	
92	LIM	1	f200	602	226	764	1.12 (0.90- 1.40)	
93	LIN	7	f -	-	-	-	2.50 (1.66- 3.77)	
95	ALZOUZ	2	f -	-	-	-	0.39 (0.15- 0.98)	
96	GELAC	27	f -	-	-	-	1.30 (1.09- 1.56)	
97	MASJED	6	f 21	28	34	91	2.01 (1.01- 4.00)	
98	REN	2	f -	-	-	-	1.20 (0.99- 1.46)	
99	SEKI	20	f -	-	-	-	1.31 (0.99- 1.72)	
100	WHIOS	1	f -	-	-	-	0.88 (0.52- 1.49)	
101	ILCCO	82	f -	-	-	-	1.20 (1.06- 1.36)	
102	TORRES	8	f -	-	-	-	0.71 (0.46- 1.10)	
Partial Totals			221	630	260	855		

*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 7
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By publication year (4 groups) - adjusted

	1981-89	1990-99	2000-09	2010 onwa	Total
Relative risks					
N	26	27	26	14	93
NS	26	27	26	14	93
Wt	306.28	660.34	365.91	702.42	2034.95
Het Chi	20.80	52.69	29.55	53.72	168.39
Het df	25	26	25	13	92
Het P	N.S.	**	N.S.	***	***
Fixed RR	1.36	1.09	1.24	1.19	1.19
RRl	1.22	1.01	1.12	1.11	1.14
RRu	1.52	1.17	1.37	1.28	1.24
P	+++	+	+++	+++	+++
Random RR	1.36	1.15	1.24	1.14	1.22
RRl	1.22	1.02	1.10	0.95	1.14
RRu	1.52	1.30	1.39	1.37	1.31
P	+++	+	+++	N.S.	+++
Asymm P	N.S.	(*)	N.S.	N.S.	(*)
Between Chi		10.64	1.45	3.77	11.62
Between df		1	1	1	3
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 8
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female

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

1-49

StN	Ref	NRR	Numbers 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)	
26	SVENSS	5	f -	-	-	-	1.36 (0.53- 3.49)	
35	LIUQ	2	f -	-	-	-	1.72 (0.77- 3.87)	
37	LAYARD	4	f -	-	-	-	0.58 (0.30- 1.13)	
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84- 7.85)	
52	RAPITI	2	f -	-	-	-	1.20 (0.50- 2.90)	
53	SPEIZE	1	f -	-	-	-	1.50 (0.30- 6.30)	
60	NISHIN	2	f -	-	-	-	1.80 (0.67- 4.60)	
67	EPICA	10	f -	-	-	-	0.84 (0.33- 2.17)	
72	RYLAND	2	f -	-	-	-	1.37 (0.57- 3.30)	
78	LOPEZC	3	f -	-	1	4	0.99 (0.00- 509.87)	
80	GALLEG	3	f -	-	-	-	8.00 (0.85- 75.31)	
91	HE	4	f -	-	-	-	2.07 (0.23- 18.34)	
95	ALZOUQ	2	f -	-	-	-	0.39 (0.15- 0.98)	
Partial Totals			71	1644	22	664		

*prospective study

50-99

StN	Ref	NRR	Numbers 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)	
28	KALAND	3	f -	-	-	-	2.11 (1.09- 4.08)	
31	LIUZ	2	f -	-	-	-	0.77 (0.30- 1.96)	
34	DU	1	f 47	154	28	100	1.09 (0.64- 1.85)	
39	KABAT2	6	f -	-	-	-	1.08 (0.60- 1.94)	
42	WANGS	1	f 67	60	15	34	2.53 (1.26- 5.10)	
45	ZHENG	2	f 62	179	7	51	2.52 (1.09- 5.85)	
48	SHEN	1	f 56	59	14	11	0.75 (0.31- 1.78)	
50	BOFFE2	14	f -	-	-	-	1.00 (0.50- 1.90)	
51	JEE	4	f -	-	-	-	1.72 (0.93- 3.18)	
58	JOHNSO	8	f -	-	-	-	1.20 (0.62- 2.30)	
64	ZATLOU	6	f -	-	-	-	0.48 (0.21- 1.09)	
69	FRANCO	3	f -	-	81	260	1.80 (0.95- 3.42)	
76	HILL1	2	f -	-	-	-	1.00 (0.49- 2.01)	
79	ASOMAN	13	f -	-	-	-	0.93 (0.31- 2.78)	
88	JIANG	11	f -	-	-	-	2.27 (1.13- 4.53)	
90	KIYOHA	3	f -	-	-	-	1.01 (0.47- 2.17)	
97	MASJED	6	f 21	28	34	91	2.01 (1.01- 4.00)	
Partial Totals			525	961	371	1019		

*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 8
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female

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

100-199

StN	Ref	NRR	Numbers 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)
25	SCHOEN	2	f -	-	-	-	1.07	(0.70-	1.64)
27	JANERI	3	f -	-	-	-	0.75	(0.47-	1.20)
29	SOBUE	2	f -	-	-	-	1.13	(0.78-	1.63)
40	SCHWAR	6	f -	-	-	-	1.10	(0.72-	1.68)
43	WANGT	2	f 92	89	43	46	1.11	(0.67-	1.84)
49	ZARIDZ	4	f -	-	-	-	1.53	(1.06-	2.21)
56	MALATS	9	f -	-	-	-	1.50	(0.77-	2.91)
61	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)
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)
73	WEN	1	f -	-	-	-	1.09	(0.74-	1.61)
77	HILL2	3	f -	-	-	-	1.38	(0.78-	2.41)
81	KURAHA	10	f -	-	-	-	1.26	(0.78-	2.03)
83	YANG	8	f -	-	-	-	2.00	(1.10-	3.63)
87	BRENNE	18	f -	-	-	-	0.40	(0.25-	0.63)
102	TORRES	8	f -	-	-	-	0.71	(0.46-	1.10)
Partial Totals			386	95375	235	82236			

*prospective study

200-399

StN	Ref	NRR	Numbers 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)
33	STOCKW	3	f -	-	-	-	1.60	(0.80-	3.00)
41	SUN	2	f -	-	-	-	1.16	(0.80-	1.69)
44	CARDEN	10	f -	-	-	-	1.20	(0.80-	1.60)
55	LEECH	8	f -	-	-	-	1.87	(1.29-	2.71)
57	WANGL	36	f -	-	-	-	1.03	(0.60-	1.70)
59	LAGARD	4	f -	-	-	-	1.15	(0.84-	1.58)
74	YU	1	f -	-	-	-	1.35	(0.70-	2.63)
86	LIANG	2	f141	149	85	130	1.45	(1.01-	2.07)
93	LIN	7	f -	-	-	-	2.50	(1.66-	3.77)
99	SEKI	20	f -	-	-	-	1.31	(0.99-	1.72)
100	WHIOS	1	f -	-	-	-	0.88	(0.52-	1.49)
Partial Totals			141	149	85	130			

*prospective study

400+

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
30	WU-WIL	4	f -	-	-	-	0.70	(0.60-	0.90)
32	BROWN2	4	f -	-	-	-	1.00	(0.80-	1.20)
36	FONTHA	6	f -	-	-	-	1.29	(1.04-	1.60)
47	BOFFET	9	f -	-	-	-	1.11	(0.88-	1.39)
54	ZHONG	2	f -	-	-	-	1.10	(0.80-	1.50)
92	LIM	1	f200	602	226	764	1.12	(0.90-	1.40)
96	GELAC	27	f -	-	-	-	1.30	(1.09-	1.56)
98	REN	2	f -	-	-	-	1.20	(0.99-	1.46)
101	ILCCO	82	f -	-	-	-	1.20	(1.06-	1.36)
Partial Totals			200	602	226	764			

*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 8
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female

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

	1-49	50-99	100-199	200-399	400+	Total
Relative risks						
N	22	27	22	13	9	93
NS	22	27	22	13	9	93
Wt	76.36	240.81	457.44	328.74	931.59	2034.95
Het Chi	22.45	37.49	46.38	17.90	27.83	168.39
Het df	21	26	21	12	8	92
Het P	N.S.	(*)	**	N.S.	***	***
Fixed RR	1.23	1.37	1.12	1.36	1.12	1.19
RRl	0.98	1.21	1.02	1.22	1.05	1.14
RRu	1.54	1.56	1.23	1.52	1.19	1.24
P	(+)	+++	+	+++	+++	+++
Random RR	1.25	1.37	1.12	1.36	1.10	1.22
RRl	0.99	1.17	0.97	1.19	0.97	1.14
RRu	1.57	1.60	1.28	1.56	1.25	1.31
P	(+)	+++	N.S.	+++	N.S.	+++
Asymm P	*	N.S.	N.S.	N.S.	N.S.	(*)
Between Chi		0.69	0.60	0.62	0.67	16.33
Between df		1	1	1	1	4
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 9
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By full histological confirmation or not - adjusted

No	StN	Ref	NRR	Numbers 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)
	26	SVENSS	5	f -	-	-	-	1.36 (0.53-	3.49)
	28	KALAND	3	f -	-	-	-	2.11 (1.09-	4.08)
	30	WU-WIL	4	f -	-	-	-	0.70 (0.60-	0.90)
	31	LIUZ	2	f -	-	-	-	0.77 (0.30-	1.96)
	32	BROWN2	4	f -	-	-	-	1.00 (0.80-	1.20)
	34	DU	1	f 47	154	28	100	1.09 (0.64-	1.85)
	35	LIUQ	2	f -	-	-	-	1.72 (0.77-	3.87)
	37	LAYARD	4	f -	-	-	-	0.58 (0.30-	1.13)
	38	DEWAAR	1	f 19	124	4	67	2.57 (0.84-	7.85)
	43	WANGT	2	f 92	89	43	46	1.11 (0.67-	1.84)
	44	CARDEN	10	f -	-	-	-	1.20 (0.80-	1.60)
	45	ZHENG	2	f 62	179	7	51	2.52 (1.09-	5.85)
	47	BOFFET	9	f -	-	-	-	1.11 (0.88-	1.39)
	51	JEE	4	f -	-	-	-	1.72 (0.93-	3.18)
	52	RAPITI	2	f -	-	-	-	1.20 (0.50-	2.90)
	54	ZHONG	2	f -	-	-	-	1.10 (0.80-	1.50)
	57	WANGL	36	f -	-	-	-	1.03 (0.60-	1.70)
	60	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)
	72	RYLAND	2	f -	-	-	-	1.37 (0.57-	3.30)
	73	WEN	1	f -	-	-	-	1.09 (0.74-	1.61)
	76	HILL1	2	f -	-	-	-	1.00 (0.49-	2.01)
	77	HILL2	3	f -	-	-	-	1.38 (0.78-	2.41)
	81	KURAHA	10	f -	-	-	-	1.26 (0.78-	2.03)
	91	HE	4	f -	-	-	-	2.07 (0.23-	18.34)
	92	LIM	1	f200	602	226	764	1.12 (0.90-	1.40)
	95	ALZOUQ	2	f -	-	-	-	0.39 (0.15-	0.98)
	99	SEKI	20	f -	-	-	-	1.31 (0.99-	1.72)
	100	WHIOS	1	f -	-	-	-	0.88 (0.52-	1.49)
	Partial Totals			734	97759	525	83838		

*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), 17-NOV-15
 Female
 By full histological confirmation or not - adjusted

Yes			Numbers 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)	
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)	
25	SCHOEN	2	f -	-	-	-	1.07 (0.70- 1.64)	
27	JANERI	3	f -	-	-	-	0.75 (0.47- 1.20)	
29	SOBUE	2	f -	-	-	-	1.13 (0.78- 1.63)	
33	STOCKW	3	f -	-	-	-	1.60 (0.80- 3.00)	
36	FONTHA	6	f -	-	-	-	1.29 (1.04- 1.60)	
39	KABAT2	6	f -	-	-	-	1.08 (0.60- 1.94)	
40	SCHWAR	6	f -	-	-	-	1.10 (0.72- 1.68)	
41	SUN	2	f -	-	-	-	1.16 (0.80- 1.69)	
42	WANGS	1	f 67	60	15	34	2.53 (1.26- 5.10)	
48	SHEN	1	f 56	59	14	11	0.75 (0.31- 1.78)	
49	ZARIDZ	4	f -	-	-	-	1.53 (1.06- 2.21)	
50	BOFFE2	14	f -	-	-	-	1.00 (0.50- 1.90)	
53	SPEIZE	1	f -	-	-	-	1.50 (0.30- 6.30)	
55	LEECH	8	f -	-	-	-	1.87 (1.29- 2.71)	
56	MALATS	9	f -	-	-	-	1.50 (0.77- 2.91)	
58	JOHNSO	8	f -	-	-	-	1.20 (0.62- 2.30)	
59	LAGARD	4	f -	-	-	-	1.15 (0.84- 1.58)	
61	OHNO	6	f -	-	-	-	1.00 (0.67- 1.49)	
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 -	-	81	260	1.80 (0.95- 3.42)	
70	GORLOV	2	f -	-	-	-	1.15 (0.63- 2.10)	
74	YU	1	f -	-	-	-	1.35 (0.70- 2.63)	
78	LOPEZC	3	f -	-	1	4	0.99 (0.00- 509.87)	
79	ASOMAN	13	f -	-	-	-	0.93 (0.31- 2.78)	
80	GALLEG	3	f -	-	-	-	8.00 (0.85- 75.31)	
83	YANG	8	f -	-	-	-	2.00 (1.10- 3.63)	
86	LIANG	2	f141	149	85	130	1.45 (1.01- 2.07)	
87	BRENNE	18	f -	-	-	-	0.40 (0.25- 0.63)	
88	JIANG	11	f -	-	-	-	2.27 (1.13- 4.53)	
90	KIYOHA	3	f -	-	-	-	1.01 (0.47- 2.17)	
93	LIN	7	f -	-	-	-	2.50 (1.66- 3.77)	
96	GELAC	27	f -	-	-	-	1.30 (1.09- 1.56)	
97	MASJED	6	f 21	28	34	91	2.01 (1.01- 4.00)	
98	REN	2	f -	-	-	-	1.20 (0.99- 1.46)	
101	ILCCO	82	f -	-	-	-	1.20 (1.06- 1.36)	
102	TORRES	8	f -	-	-	-	0.71 (0.46- 1.10)	
Partial Totals			589	972	414	975		

*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), 17-NOV-15
 Female
 By full histological confirmation or not - adjusted

	No	Yes	Total
Relative risks			
N	46	47	93
NS	46	47	93
Wt	906.56	1128.39	2034.95
Het Chi	74.38	89.93	168.39
Het df	45	46	92
Het P	**	***	***
Fixed RR	1.13	1.24	1.19
RRl	1.06	1.17	1.14
RRu	1.21	1.31	1.24
P	+++	+++	+++
Random RR	1.20	1.24	1.22
RRl	1.09	1.12	1.14
RRu	1.32	1.36	1.31
P	+++	+++	+++
Asymm P	**	N.S.	(*)
Between Chi		4.08	4.08
Between df		1	1
Between 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 10
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By study type (case-control, prospective) - adjusted

Case-con.

StN	Ref	NRR	Numbers 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	SHIMITZ	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	SCHOEN	2	f -	-	-	-	1.07	(0.70-	1.64)
26	SVENSS	5	f -	-	-	-	1.36	(0.53-	3.49)
27	JANERI	3	f -	-	-	-	0.75	(0.47-	1.20)
28	KALAND	3	f -	-	-	-	2.11	(1.09-	4.08)
29	SOBUE	2	f -	-	-	-	1.13	(0.78-	1.63)
30	WU-WIL	4	f -	-	-	-	0.70	(0.60-	0.90)
31	LIUZ	2	f -	-	-	-	0.77	(0.30-	1.96)
32	BROWN2	4	f -	-	-	-	1.00	(0.80-	1.20)
33	STOCKW	3	f -	-	-	-	1.60	(0.80-	3.00)
34	DU	1	f 47	154	28	100	1.09	(0.64-	1.85)
35	LIUQ	2	f -	-	-	-	1.72	(0.77-	3.87)
36	FONTHA	6	f -	-	-	-	1.29	(1.04-	1.60)
37	LAYARD	4	f -	-	-	-	0.58	(0.30-	1.13)
38	DEWAAR	1	f 19	124	4	67	2.57	(0.84-	7.85)
39	KABAT2	6	f -	-	-	-	1.08	(0.60-	1.94)
40	SCHWAR	6	f -	-	-	-	1.10	(0.72-	1.68)
41	SUN	2	f -	-	-	-	1.16	(0.80-	1.69)
42	WANGS	1	f 67	60	15	34	2.53	(1.26-	5.10)
43	WANGT	2	f 92	89	43	46	1.11	(0.67-	1.84)
45	ZHENG	2	f 62	179	7	51	2.52	(1.09-	5.85)
47	BOFFET	9	f -	-	-	-	1.11	(0.88-	1.39)
48	SHEN	1	f 56	59	14	11	0.75	(0.31-	1.78)
49	ZARIDZ	4	f -	-	-	-	1.53	(1.06-	2.21)
50	BOFFE2	14	f -	-	-	-	1.00	(0.50-	1.90)
52	RAPITI	2	f -	-	-	-	1.20	(0.50-	2.90)
54	ZHONG	2	f -	-	-	-	1.10	(0.80-	1.50)
55	LEECH	8	f -	-	-	-	1.87	(1.29-	2.71)
56	MALATS	9	f -	-	-	-	1.50	(0.77-	2.91)
57	WANGL	36	f -	-	-	-	1.03	(0.60-	1.70)
58	JOHNSO	8	f -	-	-	-	1.20	(0.62-	2.30)
59	LAGARD	4	f -	-	-	-	1.15	(0.84-	1.58)
61	OHNO	6	f -	-	-	-	1.00	(0.67-	1.49)
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 -	-	81	260	1.80	(0.95-	3.42)
70	GORLOV	2	f -	-	-	-	1.15	(0.63-	2.10)
72	RYLAND	2	f -	-	-	-	1.37	(0.57-	3.30)
74	YU	1	f -	-	-	-	1.35	(0.70-	2.63)
78	LOPEZC	3	f -	-	1	4	0.99	(0.00-	509.87)
79	ASOMAN	13	f -	-	-	-	0.93	(0.31-	2.78)
80	GALLEG	3	f -	-	-	-	8.00	(0.85-	75.31)
83	YANG	8	f -	-	-	-	2.00	(1.10-	3.63)
86	LIANG	2	f141	149	85	130	1.45	(1.01-	2.07)
87	BRENNE	18	f -	-	-	-	0.40	(0.25-	0.63)

 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 10
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By study type (case-control, prospective) - adjusted

Case-con.

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
88	JIANG	11	f -	-	-	-	2.27 (1.13- 4.53)	
90	KIYOHA	3	f -	-	-	-	1.01 (0.47- 2.17)	
92	LIM	1	f200	602	226	764	1.12 (0.90- 1.40)	
93	LIN	7	f -	-	-	-	2.50 (1.66- 3.77)	
95	ALZOUG	2	f -	-	-	-	0.39 (0.15- 0.98)	
96	GELAC	27	f -	-	-	-	1.30 (1.09- 1.56)	
97	MASJED	6	f 21	28	34	91	2.01 (1.01- 4.00)	
98	REN	2	f -	-	-	-	1.20 (0.99- 1.46)	
99	SEKI	20	f -	-	-	-	1.31 (0.99- 1.72)	
101	ILCCO	82	f -	-	-	-	1.20 (1.06- 1.36)	
102	TORRES	8	f -	-	-	-	0.71 (0.46- 1.10)	
Partial Totals			1230	2556	873	2465		

*prospective study

Prosp.

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
1	GARF11	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)	
44	CARDEN	10	f -	-	-	-	1.20 (0.80- 1.60)	
51	JEE	4	f -	-	-	-	1.72 (0.93- 3.18)	
53	SPEIZE	1	f -	-	-	-	1.50 (0.30- 6.30)	
60	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)	
73	WEN	1	f -	-	-	-	1.09 (0.74- 1.61)	
76	HILL1	2	f -	-	-	-	1.00 (0.49- 2.01)	
77	HILL2	3	f -	-	-	-	1.38 (0.78- 2.41)	
81	KURAHA	10	f -	-	-	-	1.26 (0.78- 2.03)	
91	HE	4	f -	-	-	-	2.07 (0.23- 18.34)	
100	WHIOS	1	f -	-	-	-	0.88 (0.52- 1.49)	
Partial Totals			93	96175	66	82348		

*prospective study

Case-con. Prosp. Total

Relative risks

N	77	16	93
NS	77	16	93
Wt	1804.33	230.62	2034.95
Het Chi	159.79	8.59	168.39
Het df	76	15	92
Het P	***	N.S.	***
Fixed RR	1.19	1.19	1.19
RRl	1.13	1.04	1.14
RRu	1.24	1.35	1.24
P	+++	++	+++
Random RR	1.23	1.19	1.22
RRl	1.13	1.04	1.14
RRu	1.33	1.35	1.31
P	+++	++	+++
Asymm P	N.S.	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 11
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By study control type - adjusted

Healthy

StN	Ref	NRR	Numbers 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)	
25	SCHOEN	2	f -	-	-	-	1.07 (0.70- 1.64)	
27	JANERI	3	f -	-	-	-	0.75 (0.47- 1.20)	
30	WU-WIL	4	f -	-	-	-	0.70 (0.60- 0.90)	
31	LIUZ	2	f -	-	-	-	0.77 (0.30- 1.96)	
32	BROWN2	4	f -	-	-	-	1.00 (0.80- 1.20)	
33	STOCKW	3	f -	-	-	-	1.60 (0.80- 3.00)	
36	FONTHA	6	f -	-	-	-	1.29 (1.04- 1.60)	
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84- 7.85)	
40	SCHWAR	6	f -	-	-	-	1.10 (0.72- 1.68)	
41	SUN	2	f -	-	-	-	1.16 (0.80- 1.69)	
43	WANGT	2	f 92	89	43	46	1.11 (0.67- 1.84)	
45	ZHENG	2	f 62	179	7	51	2.52 (1.09- 5.85)	
48	SHEN	1	f 56	59	14	11	0.75 (0.31- 1.78)	
54	ZHONG	2	f -	-	-	-	1.10 (0.80- 1.50)	
57	WANGL	36	f -	-	-	-	1.03 (0.60- 1.70)	
58	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 -	-	81	260	1.80 (0.95- 3.42)	
70	GORLOV	2	f -	-	-	-	1.15 (0.63- 2.10)	
72	RYLAND	2	f -	-	-	-	1.37 (0.57- 3.30)	
74	YU	1	f -	-	-	-	1.35 (0.70- 2.63)	
79	ASOMAN	13	f -	-	-	-	0.93 (0.31- 2.78)	
80	GALLEG	3	f -	-	-	-	8.00 (0.85- 75.31)	
83	YANG	8	f -	-	-	-	2.00 (1.10- 3.63)	
86	LIANG	2	f141	149	85	130	1.45 (1.01- 2.07)	
88	JIANG	11	f -	-	-	-	2.27 (1.13- 4.53)	
93	LIN	7	f -	-	-	-	2.50 (1.66- 3.77)	
95	ALZOUG	2	f -	-	-	-	0.39 (0.15- 0.98)	
96	GELAC	27	f -	-	-	-	1.30 (1.09- 1.56)	
98	REN	2	f -	-	-	-	1.20 (0.99- 1.46)	
Partial Totals			485	752	318	748		

*prospective study

Diseased

StN	Ref	NRR	Numbers 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)	
28	KALAND	3	f -	-	-	-	2.11 (1.09- 4.08)	
29	SOBUE	2	f -	-	-	-	1.13 (0.78- 1.63)	
34	DU	1	f 47	154	28	100	1.09 (0.64- 1.85)	
35	LIUQ	2	f -	-	-	-	1.72 (0.77- 3.87)	
37	LAYARD	4	f -	-	-	-	0.58 (0.30- 1.13)	
39	KABAT2	6	f -	-	-	-	1.08 (0.60- 1.94)	
42	WANGS	1	f 67	60	15	34	2.53 (1.26- 5.10)	
49	ZARIDZ	4	f -	-	-	-	1.53 (1.06- 2.21)	
55	LEECH	8	f -	-	-	-	1.87 (1.29- 2.71)	
61	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 11
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By study control type - adjusted

Diseased

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
78	LOPEZC	3	f -	-	1	4	0.99	(0.00- 509.87)
90	KIYOHA	3	f -	-	-	-	1.01	(0.47- 2.17)
92	LIM	1	f200	602	226	764	1.12	(0.90- 1.40)
99	SEKI	20	f -	-	-	-	1.31	(0.99- 1.72)
102	TORRES	8	f -	-	-	-	0.71	(0.46- 1.10)
Partial Totals			657	1571	493	1542		

*prospective study

Both

StN	Ref	NRR	Numbers 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)
26	SVENSS	5	f -	-	-	-	1.36	(0.53- 3.49)
47	BOFFET	9	f -	-	-	-	1.11	(0.88- 1.39)
50	BOFFE2	14	f -	-	-	-	1.00	(0.50- 1.90)
52	RAPITI	2	f -	-	-	-	1.20	(0.50- 2.90)
56	MALATS	9	f -	-	-	-	1.50	(0.77- 2.91)
59	LAGARD	4	f -	-	-	-	1.15	(0.84- 1.58)
68	FANG	2	f -	-	-	-	1.77	(1.07- 2.92)
87	BRENNE	18	f -	-	-	-	0.40	(0.25- 0.63)
97	MASJED	6	f 21	28	34	91	2.01	(1.01- 4.00)
101	ILCCO	82	f -	-	-	-	1.20	(1.06- 1.36)
Partial Totals			54	192	42	123		

*prospective study

Unstated

StN	Ref	NRR	Numbers 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	Numbers 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)
44	CARDEN	10	f -	-	-	-	1.20	(0.80- 1.60)
51	JEE	4	f -	-	-	-	1.72	(0.93- 3.18)
53	SPEIZE	1	f -	-	-	-	1.50	(0.30- 6.30)
60	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)
73	WEN	1	f -	-	-	-	1.09	(0.74- 1.61)
76	HILL1	2	f -	-	-	-	1.00	(0.49- 2.01)
77	HILL2	3	f -	-	-	-	1.38	(0.78- 2.41)
81	KURAHA	10	f -	-	-	-	1.26	(0.78- 2.03)
91	HE	4	f -	-	-	-	2.07	(0.23- 18.34)
100	WHIOS	1	f -	-	-	-	0.88	(0.52- 1.49)
Partial Totals			93	96175	66	82348		

*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 11
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By study control type - adjusted

	Healthy	Diseased	Both	Unstated	Prosp.	Total
Relative risks						
N	38	27	11	1	16	93
NS	38	27	11	1	16	93
Wt	928.23	435.43	432.55	8.13	230.62	2034.95
Het Chi	86.41	40.98	27.52	0.00	8.59	168.39
Het df	37	26	10	0	15	92
Het P	***	*	**	N.S.	N.S.	***
Fixed RR	1.17	1.25	1.15	2.16	1.19	1.19
RRl	1.09	1.14	1.05	1.08	1.04	1.14
RRu	1.25	1.38	1.26	4.29	1.35	1.24
P	+++	+++	++	+	++	+++
Random RR	1.22	1.27	1.12	2.16	1.19	1.22
RRl	1.09	1.12	0.90	1.08	1.04	1.14
RRu	1.36	1.45	1.39	4.29	1.35	1.31
P	+++	+++	N.S.	+	++	+++
Asymm P	N.S.	N.S.	N.S.		N.S.	(*)
Between Chi		1.52	0.06	3.03	0.05	4.89
Between df		1	1	1	1	4
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 12
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By study quality (PNL criteria) - adjusted

Good									
StN	Ref	NRR	Numbers 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)
25	SCHOEN	2	f -	-	-	-	1.07	(0.70-	1.64)
29	SOBUE	2	f -	-	-	-	1.13	(0.78-	1.63)
30	WU-WIL	4	f -	-	-	-	0.70	(0.60-	0.90)
31	LIUZ	2	f -	-	-	-	0.77	(0.30-	1.96)
35	LIUQ	2	f -	-	-	-	1.72	(0.77-	3.87)
38	DEWAAR	1	f 19	124	4	67	2.57	(0.84-	7.85)
39	KABAT2	6	f -	-	-	-	1.08	(0.60-	1.94)
41	SUN	2	f -	-	-	-	1.16	(0.80-	1.69)
42	WANGS	1	f 67	60	15	34	2.53	(1.26-	5.10)
44	CARDEN	10	f -	-	-	-	1.20	(0.80-	1.60)
45	ZHENG	2	f 62	179	7	51	2.52	(1.09-	5.85)
47	BOFFET	9	f -	-	-	-	1.11	(0.88-	1.39)
48	SHEN	1	f 56	59	14	11	0.75	(0.31-	1.78)
49	ZARIDZ	4	f -	-	-	-	1.53	(1.06-	2.21)
50	BOFFE2	14	f -	-	-	-	1.00	(0.50-	1.90)
51	JEE	4	f -	-	-	-	1.72	(0.93-	3.18)
52	RAPITI	2	f -	-	-	-	1.20	(0.50-	2.90)
53	SPEIZE	1	f -	-	-	-	1.50	(0.30-	6.30)
55	LEECH	8	f -	-	-	-	1.87	(1.29-	2.71)
56	MALATS	9	f -	-	-	-	1.50	(0.77-	2.91)
58	JOHNSO	8	f -	-	-	-	1.20	(0.62-	2.30)
60	NISHIN	2	f -	-	-	-	1.80	(0.67-	4.60)
61	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)
67	EPICA	10	f -	-	-	-	0.84	(0.33-	2.17)
68	FANG	2	f -	-	-	-	1.77	(1.07-	2.92)
73	WEN	1	f -	-	-	-	1.09	(0.74-	1.61)
76	HILL1	2	f -	-	-	-	1.00	(0.49-	2.01)
77	HILL2	3	f -	-	-	-	1.38	(0.78-	2.41)
78	LOPEZC	3	f -	-	1	4	0.99	(0.00-	509.87)
79	ASOMAN	13	f -	-	-	-	0.93	(0.31-	2.78)
81	KURAHA	10	f -	-	-	-	1.26	(0.78-	2.03)
86	LIANG	2	f141	149	85	130	1.45	(1.01-	2.07)
90	KIYOHA	3	f -	-	-	-	1.01	(0.47-	2.17)
91	HE	4	f -	-	-	-	2.07	(0.23-	18.34)
92	LIM	1	f200	602	226	764	1.12	(0.90-	1.40)
93	LIN	7	f -	-	-	-	2.50	(1.66-	3.77)
96	GELAC	27	f -	-	-	-	1.30	(1.09-	1.56)
97	MASJED	6	f 21	28	34	91	2.01	(1.01-	4.00)
98	REN	2	f -	-	-	-	1.20	(0.99-	1.46)
99	SEKI	20	f -	-	-	-	1.31	(0.99-	1.72)
100	WHIOS	1	f -	-	-	-	0.88	(0.52-	1.49)
Partial Totals			835	96505	584	83274			
*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 12
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By study quality (PNL criteria) - adjusted

Bad									
StN	Ref	NRR	Numbers 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)
26	SVENSS	5	f -	-	-	-	1.36	(0.53-	3.49)
27	JANERI	3	f -	-	-	-	0.75	(0.47-	1.20)
28	KALAND	3	f -	-	-	-	2.11	(1.09-	4.08)
32	BROWN2	4	f -	-	-	-	1.00	(0.80-	1.20)
33	STOCKW	3	f -	-	-	-	1.60	(0.80-	3.00)
34	DU	1	f 47	154	28	100	1.09	(0.64-	1.85)
36	FONTHA	6	f -	-	-	-	1.29	(1.04-	1.60)
37	LAYARD	4	f -	-	-	-	0.58	(0.30-	1.13)
40	SCHWAR	6	f -	-	-	-	1.10	(0.72-	1.68)
43	WANGT	2	f 92	89	43	46	1.11	(0.67-	1.84)
54	ZHONG	2	f -	-	-	-	1.10	(0.80-	1.50)
57	WANGL	36	f -	-	-	-	1.03	(0.60-	1.70)
59	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 -	-	81	260	1.80	(0.95-	3.42)
70	GORLOV	2	f -	-	-	-	1.15	(0.63-	2.10)
72	RYLAND	2	f -	-	-	-	1.37	(0.57-	3.30)
74	YU	1	f -	-	-	-	1.35	(0.70-	2.63)
80	GALLEG	3	f -	-	-	-	8.00	(0.85-	75.31)
83	YANG	8	f -	-	-	-	2.00	(1.10-	3.63)
87	BRENNE	18	f -	-	-	-	0.40	(0.25-	0.63)
88	JIANG	11	f -	-	-	-	2.27	(1.13-	4.53)
95	ALZOUG	2	f -	-	-	-	0.39	(0.15-	0.98)
101	ILCCO	82	f -	-	-	-	1.20	(1.06-	1.36)
102	TORRES	8	f -	-	-	-	0.71	(0.46-	1.10)
Partial Totals			488	2226	355	1539			
*prospective study									

Good Bad Total

Relative risks

N	56	37	93
NS	56	37	93
Wt	1184.70	850.25	2034.95
Het Chi	88.41	79.90	168.39
Het df	55	36	92
Het P	**	***	***
Fixed RR	1.19	1.18	1.19
RRl	1.13	1.10	1.14
RRu	1.26	1.26	1.24
P	+++	+++	+++
Random RR	1.23	1.21	1.22
RRl	1.13	1.07	1.14
RRu	1.33	1.37	1.31
P	+++	++	+++
Asymm P	N.S.	N.S.	(*)
Between Chi		0.07	0.07
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), 17-NOV-15
 Female

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

0

StN	Ref	NRR	Numbers 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)	
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84- 7.85)	
42	WANGS	1	f 67	60	15	34	2.53 (1.26- 5.10)	
78	LOPEZC	3	f -	-	1	4	0.99 (0.00- 509.87)	
79	ASOMAN	13	f -	-	-	-	0.93 (0.31- 2.78)	
80	GALLEG	3	f -	-	-	-	8.00 (0.85- 75.31)	
86	LIANG	2	f141	149	85	130	1.45 (1.01- 2.07)	
90	KIYOHA	3	f -	-	-	-	1.01 (0.47- 2.17)	
92	LIM	1	f200	602	226	764	1.12 (0.90- 1.40)	
100	WHIOS	1	f -	-	-	-	0.88 (0.52- 1.49)	
Partial Totals			745	1562	543	1524		

*prospective study

1

StN	Ref	NRR	Numbers 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)	
26	SVENSS	5	f -	-	-	-	1.36 (0.53- 3.49)	
43	WANGT	2	f 92	89	43	46	1.11 (0.67- 1.84)	
53	SPEIZE	1	f -	-	-	-	1.50 (0.30- 6.30)	
Partial Totals			143	214	74	198		

*prospective study

2

StN	Ref	NRR	Numbers 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)	
32	BROWN2	4	f -	-	-	-	1.00 (0.80- 1.20)	
34	DU	1	f 47	154	28	100	1.09 (0.64- 1.85)	
40	SCHWAR	6	f -	-	-	-	1.10 (0.72- 1.68)	
41	SUN	2	f -	-	-	-	1.16 (0.80- 1.69)	
45	ZHENG	2	f 62	179	7	51	2.52 (1.09- 5.85)	
49	ZARIDZ	4	f -	-	-	-	1.53 (1.06- 2.21)	
56	MALATS	9	f -	-	-	-	1.50 (0.77- 2.91)	
61	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 -	-	81	260	1.80 (0.95- 3.42)	
102	TORRES	8	f -	-	-	-	0.71 (0.46- 1.10)	
Partial Totals			114	1628	117	900		

*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 13
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female

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

3-5

StN	Ref	NRR	Numbers 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)
27	JANERI	3	f -	-	-	-	0.75 (0.47-	1.20)
28	KALAND	3	f -	-	-	-	2.11 (1.09-	4.08)
29	SOBUE	2	f -	-	-	-	1.13 (0.78-	1.63)
30	WU-WIL	4	f -	-	-	-	0.70 (0.60-	0.90)
31	LIUZ	2	f -	-	-	-	0.77 (0.30-	1.96)
33	STOCKW	3	f -	-	-	-	1.60 (0.80-	3.00)
35	LIUQ	2	f -	-	-	-	1.72 (0.77-	3.87)
37	LAYARD	4	f -	-	-	-	0.58 (0.30-	1.13)
50	BOFFE2	14	f -	-	-	-	1.00 (0.50-	1.90)
51	JEE	4	f -	-	-	-	1.72 (0.93-	3.18)
52	RAPITI	2	f -	-	-	-	1.20 (0.50-	2.90)
58	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)
72	RYLAND	2	f -	-	-	-	1.37 (0.57-	3.30)
81	KURAHA	10	f -	-	-	-	1.26 (0.78-	2.03)
83	YANG	8	f -	-	-	-	2.00 (1.10-	3.63)
87	BRENNE	18	f -	-	-	-	0.40 (0.25-	0.63)
95	ALZOUQ	2	f -	-	-	-	0.39 (0.15-	0.98)
97	MASJED	6	f 21	28	34	91	2.01 (1.01-	4.00)
98	REN	2	f -	-	-	-	1.20 (0.99-	1.46)
101	ILCCO	82	f -	-	-	-	1.20 (1.06-	1.36)
Partial Totals			177	388	126	321		

*prospective study

6+

StN	Ref	NRR	Numbers 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)
25	SCHOEN	2	f -	-	-	-	1.07 (0.70-	1.64)
36	FONTHA	6	f -	-	-	-	1.29 (1.04-	1.60)
39	KABAT2	6	f -	-	-	-	1.08 (0.60-	1.94)
44	CARDEN	10	f -	-	-	-	1.20 (0.80-	1.60)
47	BOFFET	9	f -	-	-	-	1.11 (0.88-	1.39)
48	SHEN	1	f 56	59	14	11	0.75 (0.31-	1.78)
54	ZHONG	2	f -	-	-	-	1.10 (0.80-	1.50)
55	LEECH	8	f -	-	-	-	1.87 (1.29-	2.71)
57	WANGL	36	f -	-	-	-	1.03 (0.60-	1.70)
59	LAGARD	4	f -	-	-	-	1.15 (0.84-	1.58)
60	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)
73	WEN	1	f -	-	-	-	1.09 (0.74-	1.61)
74	YU	1	f -	-	-	-	1.35 (0.70-	2.63)
76	HILL1	2	f -	-	-	-	1.00 (0.49-	2.01)
77	HILL2	3	f -	-	-	-	1.38 (0.78-	2.41)
88	JIANG	11	f -	-	-	-	2.27 (1.13-	4.53)
91	HE	4	f -	-	-	-	2.07 (0.23-	18.34)
93	LIN	7	f -	-	-	-	2.50 (1.66-	3.77)
96	GELAC	27	f -	-	-	-	1.30 (1.09-	1.56)
99	SEKI	20	f -	-	-	-	1.31 (0.99-	1.72)
Partial Totals			144	94939	79	81870		

*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 13
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female

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

	0	1	2	3-5	6+	Total
Relative risks						
N	15	5	19	29	25	93
NS	15	5	19	29	25	93
Wt	227.56	35.44	371.79	694.34	705.82	2034.95
Het Chi	24.60	2.74	22.49	74.76	30.75	168.39
Het df	14	4	18	28	24	92
Het P	*	N.S.	N.S.	***	N.S.	***
Fixed RR	1.31	1.48	1.16	1.08	1.26	1.19
RRl	1.15	1.06	1.05	1.00	1.17	1.14
RRu	1.50	2.05	1.29	1.16	1.36	1.24
P	+++	+	++	+	+++	+++
Random RR	1.37	1.48	1.19	1.09	1.27	1.22
RRl	1.12	1.06	1.05	0.93	1.16	1.14
RRu	1.69	2.05	1.34	1.27	1.38	1.31
P	++	+	++	N.S.	+++	+++
Asymm P	N.S.	N.S.	(*)	N.S.	N.S.	(*)
Between Chi		0.41	2.11	6.66	0.30	13.05
Between df		1	1	1	1	4
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 14
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female

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

No			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)	
35	LIUQ	2	f -	-	-	-	1.72 (0.77- 3.87)	
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84- 7.85)	
42	WANGS	1	f 67	60	15	34	2.53 (1.26- 5.10)	
78	LOPEZC	3	f -	-	1	4	0.99 (0.00- 509.87)	
79	ASOMAN	13	f -	-	-	-	0.93 (0.31- 2.78)	
80	GALLEG	3	f -	-	-	-	8.00 (0.85- 75.31)	
86	LIANG	2	f141	149	85	130	1.45 (1.01- 2.07)	
90	KIYOHA	3	f -	-	-	-	1.01 (0.47- 2.17)	
92	LIM	1	f200	602	226	764	1.12 (0.90- 1.40)	
100	WHIOS	1	f -	-	-	-	0.88 (0.52- 1.49)	
Partial Totals			796	1687	574	1676		

*prospective study

Yes			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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	SCHOEN	2	f -	-	-	-	1.07 (0.70- 1.64)	
26	SVENSS	5	f -	-	-	-	1.36 (0.53- 3.49)	
27	JANERI	3	f -	-	-	-	0.75 (0.47- 1.20)	
28	KALAND	3	f -	-	-	-	2.11 (1.09- 4.08)	
29	SOBUE	2	f -	-	-	-	1.13 (0.78- 1.63)	
30	WU-WIL	4	f -	-	-	-	0.70 (0.60- 0.90)	
31	LIUZ	2	f -	-	-	-	0.77 (0.30- 1.96)	
32	BROWN2	4	f -	-	-	-	1.00 (0.80- 1.20)	
33	STOCKW	3	f -	-	-	-	1.60 (0.80- 3.00)	
34	DU	1	f 47	154	28	100	1.09 (0.64- 1.85)	
36	FONTHA	6	f -	-	-	-	1.29 (1.04- 1.60)	
37	LAYARD	4	f -	-	-	-	0.58 (0.30- 1.13)	
39	KABAT2	6	f -	-	-	-	1.08 (0.60- 1.94)	
40	SCHWAR	6	f -	-	-	-	1.10 (0.72- 1.68)	
41	SUN	2	f -	-	-	-	1.16 (0.80- 1.69)	
43	WANGT	2	f 92	89	43	46	1.11 (0.67- 1.84)	
44	CARDEN	10	f -	-	-	-	1.20 (0.80- 1.60)	
45	ZHENG	2	f 62	179	7	51	2.52 (1.09- 5.85)	
47	BOFFET	9	f -	-	-	-	1.11 (0.88- 1.39)	
48	SHEN	1	f 56	59	14	11	0.75 (0.31- 1.78)	
49	ZARIDZ	4	f -	-	-	-	1.53 (1.06- 2.21)	
50	BOFFE2	14	f -	-	-	-	1.00 (0.50- 1.90)	
51	JEE	4	f -	-	-	-	1.72 (0.93- 3.18)	
52	RAPITI	2	f -	-	-	-	1.20 (0.50- 2.90)	
53	SPEIZE	1	f -	-	-	-	1.50 (0.30- 6.30)	
54	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 14
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female

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

Yes			Numbers exposed Non-exposed				RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
55	LEECH	8	f -	-	-	-	1.87 (1.29- 2.71)	
56	MALATS	9	f -	-	-	-	1.50 (0.77- 2.91)	
57	WANGL	36	f -	-	-	-	1.03 (0.60- 1.70)	
58	JOHNSO	8	f -	-	-	-	1.20 (0.62- 2.30)	
59	LAGARD	4	f -	-	-	-	1.15 (0.84- 1.58)	
60	NISHIN	2	f -	-	-	-	1.80 (0.67- 4.60)	
61	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 -	-	81	260	1.80 (0.95- 3.42)	
70	GORLOV	2	f -	-	-	-	1.15 (0.63- 2.10)	
72	RYLAND	2	f -	-	-	-	1.37 (0.57- 3.30)	
73	WEN	1	f -	-	-	-	1.09 (0.74- 1.61)	
74	YU	1	f -	-	-	-	1.35 (0.70- 2.63)	
76	HILL1	2	f -	-	-	-	1.00 (0.49- 2.01)	
77	HILL2	3	f -	-	-	-	1.38 (0.78- 2.41)	
81	KURAHA	10	f -	-	-	-	1.26 (0.78- 2.03)	
83	YANG	8	f -	-	-	-	2.00 (1.10- 3.63)	
87	BRENNE	18	f -	-	-	-	0.40 (0.25- 0.63)	
88	JIANG	11	f -	-	-	-	2.27 (1.13- 4.53)	
91	HE	4	f -	-	-	-	2.07 (0.23- 18.34)	
93	LIN	7	f -	-	-	-	2.50 (1.66- 3.77)	
95	ALZOUG	2	f -	-	-	-	0.39 (0.15- 0.98)	
96	GELAC	27	f -	-	-	-	1.30 (1.09- 1.56)	
97	MASJED	6	f 21	28	34	91	2.01 (1.01- 4.00)	
98	REN	2	f -	-	-	-	1.20 (0.99- 1.46)	
99	SEKI	20	f -	-	-	-	1.31 (0.99- 1.72)	
101	ILCCO	82	f -	-	-	-	1.20 (1.06- 1.36)	
102	TORRES	8	f -	-	-	-	0.71 (0.46- 1.10)	
Partial Totals			527	97044	365	83137		
*prospective study								

	No	Yes	Total
Relative risks			
N	18	75	93
NS	18	75	93
Wt	248.01	1786.95	2034.95
Het Chi	27.51	135.82	168.39
Het df	17	74	92
Het P	(*)	***	***
Fixed RR	1.36	1.17	1.19
RRl	1.20	1.11	1.14
RRu	1.54	1.22	1.24
P	+++	+++	+++
Random RR	1.44	1.18	1.22
RRl	1.19	1.10	1.14
RRu	1.73	1.27	1.31
P	+++	+++	+++
Asymm P	N.S.	N.S.	(*)
Between Chi		5.06	5.06
Between df		1	1
Between 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 15
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female

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

No	StN	Ref	NRR	Numbers 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	SCHOEN	2	f -	-	-	-	1.07	(0.70-	1.64)
	26	SVENSS	5	f -	-	-	-	1.36	(0.53-	3.49)
	27	JANERI	3	f -	-	-	-	0.75	(0.47-	1.20)
	28	KALAND	3	f -	-	-	-	2.11	(1.09-	4.08)
	29	SOBUE	2	f -	-	-	-	1.13	(0.78-	1.63)
	30	WU-WIL	4	f -	-	-	-	0.70	(0.60-	0.90)
	31	LIUZ	2	f -	-	-	-	0.77	(0.30-	1.96)
	32	BROWN2	4	f -	-	-	-	1.00	(0.80-	1.20)
	33	STOCKW	3	f -	-	-	-	1.60	(0.80-	3.00)
	34	DU	1	f 47	154	28	100	1.09	(0.64-	1.85)
	35	LIUQ	2	f -	-	-	-	1.72	(0.77-	3.87)
	36	FONTHA	6	f -	-	-	-	1.29	(1.04-	1.60)
	38	DEWAAR	1	f 19	124	4	67	2.57	(0.84-	7.85)
	40	SCHWAR	6	f -	-	-	-	1.10	(0.72-	1.68)
	41	SUN	2	f -	-	-	-	1.16	(0.80-	1.69)
	42	WANGS	1	f 67	60	15	34	2.53	(1.26-	5.10)
	43	WANGT	2	f 92	89	43	46	1.11	(0.67-	1.84)
	45	ZHENG	2	f 62	179	7	51	2.52	(1.09-	5.85)
	48	SHEN	1	f 56	59	14	11	0.75	(0.31-	1.78)
	49	ZARIDZ	4	f -	-	-	-	1.53	(1.06-	2.21)
	50	BOFFE2	14	f -	-	-	-	1.00	(0.50-	1.90)
	51	JEE	4	f -	-	-	-	1.72	(0.93-	3.18)
	52	RAPITI	2	f -	-	-	-	1.20	(0.50-	2.90)
	53	SPEIZE	1	f -	-	-	-	1.50	(0.30-	6.30)
	54	ZHONG	2	f -	-	-	-	1.10	(0.80-	1.50)
	55	LEECH	8	f -	-	-	-	1.87	(1.29-	2.71)
	56	MALATS	9	f -	-	-	-	1.50	(0.77-	2.91)
	57	WANGL	36	f -	-	-	-	1.03	(0.60-	1.70)
	58	JOHNSO	8	f -	-	-	-	1.20	(0.62-	2.30)
	59	LAGARD	4	f -	-	-	-	1.15	(0.84-	1.58)
	60	NISHIN	2	f -	-	-	-	1.80	(0.67-	4.60)
	61	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 -	-	81	260	1.80	(0.95-	3.42)
	70	GORLOV	2	f -	-	-	-	1.15	(0.63-	2.10)
	72	RYLAND	2	f -	-	-	-	1.37	(0.57-	3.30)
	73	WEN	1	f -	-	-	-	1.09	(0.74-	1.61)
	74	YU	1	f -	-	-	-	1.35	(0.70-	2.63)
	78	LOPEZC	3	f -	-	1	4	0.99	(0.00-	509.87)
	79	ASOMAN	13	f -	-	-	-	0.93	(0.31-	2.78)
	80	GALLEG	3	f -	-	-	-	8.00	(0.85-	75.31)
	81	KURAHA	10	f -	-	-	-	1.26	(0.78-	2.03)
	83	YANG	8	f -	-	-	-	2.00	(1.10-	3.63)
	86	LIANG	2	f141	149	85	130	1.45	(1.01-	2.07)
	87	BRENNE	18	f -	-	-	-	0.40	(0.25-	0.63)
	88	JIANG	11	f -	-	-	-	2.27	(1.13-	4.53)
	90	KIYOHA	3	f -	-	-	-	1.01	(0.47-	2.17)
	92	LIM	1	f200	602	226	764	1.12	(0.90-	1.40)

 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), 17-NOV-15
 Female

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

No

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
93	LIN	7	f -	-	-	-	2.50 (1.66- 3.77)	
95	ALZOUG	2	f -	-	-	-	0.39 (0.15- 0.98)	
96	GELAC	27	f -	-	-	-	1.30 (1.09- 1.56)	
97	MASJED	6	f 21	28	34	91	2.01 (1.01- 4.00)	
98	REN	2	f -	-	-	-	1.20 (0.99- 1.46)	
99	SEKI	20	f -	-	-	-	1.31 (0.99- 1.72)	
100	WHIOS	1	f -	-	-	-	0.88 (0.52- 1.49)	
101	ILCCO	82	f -	-	-	-	1.20 (1.06- 1.36)	
102	TORRES	8	f -	-	-	-	0.71 (0.46- 1.10)	
Partial Totals			1171	3711	832	2792		

*prospective study

Yes

StN	Ref	NRR	Numbers 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)	
37	LAYARD	4	f -	-	-	-	0.58 (0.30- 1.13)	
39	KABAT2	6	f -	-	-	-	1.08 (0.60- 1.94)	
44	CARDEN	10	f -	-	-	-	1.20 (0.80- 1.60)	
47	BOFFET	9	f -	-	-	-	1.11 (0.88- 1.39)	
76	HILL1	2	f -	-	-	-	1.00 (0.49- 2.01)	
77	HILL2	3	f -	-	-	-	1.38 (0.78- 2.41)	
91	HE	4	f -	-	-	-	2.07 (0.23- 18.34)	
Partial Totals			152	95020	107	82021		

*prospective study

No Yes Total

Relative risks

N	75	18	93
NS	75	18	93
Wt	1768.57	266.38	2034.95
Het Chi	153.37	14.64	168.39
Het df	74	17	92
Het P	***	N.S.	***
Fixed RR	1.18	1.23	1.19
RRl	1.13	1.09	1.14
RRu	1.24	1.39	1.24
P	+++	+++	+++
Random RR	1.21	1.23	1.22
RRl	1.12	1.09	1.14
RRu	1.31	1.39	1.31
P	+++	+++	+++
Asymm P	N.S.	N.S.	(*)
Between Chi		0.37	0.37
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 16
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By any study results available on dose-response or not - adjusted

None								
StN	Ref	NRR	Numbers 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	SCHOEN	2	f -	-	-	-	1.07 (0.70-	1.64)
26	SVENSS	5	f -	-	-	-	1.36 (0.53-	3.49)
29	SOBUE	2	f -	-	-	-	1.13 (0.78-	1.63)
30	WU-WIL	4	f -	-	-	-	0.70 (0.60-	0.90)
31	LIUZ	2	f -	-	-	-	0.77 (0.30-	1.96)
40	SCHWAR	6	f -	-	-	-	1.10 (0.72-	1.68)
41	SUN	2	f -	-	-	-	1.16 (0.80-	1.69)
42	WANGS	1	f 67	60	15	34	2.53 (1.26-	5.10)
53	SPEIZE	1	f -	-	-	-	1.50 (0.30-	6.30)
59	LAGARD	4	f -	-	-	-	1.15 (0.84-	1.58)
60	NISHIN	2	f -	-	-	-	1.80 (0.67-	4.60)
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 -	-	81	260	1.80 (0.95-	3.42)
70	GORLOV	2	f -	-	-	-	1.15 (0.63-	2.10)
72	RYLAND	2	f -	-	-	-	1.37 (0.57-	3.30)
76	HILL1	2	f -	-	-	-	1.00 (0.49-	2.01)
77	HILL2	3	f -	-	-	-	1.38 (0.78-	2.41)
78	LOPEZC	3	f -	-	1	4	0.99 (0.00-	509.87)
79	ASOMAN	13	f -	-	-	-	0.93 (0.31-	2.78)
80	GALLEG	3	f -	-	-	-	8.00 (0.85-	75.31)
83	YANG	8	f -	-	-	-	2.00 (1.10-	3.63)
86	LIANG	2	f141	149	85	130	1.45 (1.01-	2.07)
88	JIANG	11	f -	-	-	-	2.27 (1.13-	4.53)
90	KIYOHA	3	f -	-	-	-	1.01 (0.47-	2.17)
92	LIM	1	f200	602	226	764	1.12 (0.90-	1.40)
97	MASJED	6	f 21	28	34	91	2.01 (1.01-	4.00)
98	REN	2	f -	-	-	-	1.20 (0.99-	1.46)
99	SEKI	20	f -	-	-	-	1.31 (0.99-	1.72)
Partial Totals			565	1075	564	1518		

*prospective study

No assoc - no results presente

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
10	WU	3	f -	-	-	-	1.20 (0.50-	3.30)
100	WHIOS	1	f -	-	-	-	0.88 (0.52-	1.49)
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 16
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female

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

Results presented

StN	Ref	NRR	Numbers 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)
27	JANERI	3	f -	-	-	-	0.75	(0.47-	1.20)
28	KALAND	3	f -	-	-	-	2.11	(1.09-	4.08)
32	BROWN2	4	f -	-	-	-	1.00	(0.80-	1.20)
33	STOCKW	3	f -	-	-	-	1.60	(0.80-	3.00)
34	DU	1	f 47	154	28	100	1.09	(0.64-	1.85)
35	LIUQ	2	f -	-	-	-	1.72	(0.77-	3.87)
36	FONTHA	6	f -	-	-	-	1.29	(1.04-	1.60)
37	LAYARD	4	f -	-	-	-	0.58	(0.30-	1.13)
38	DEWAAR	1	f 19	124	4	67	2.57	(0.84-	7.85)
39	KABAT2	6	f -	-	-	-	1.08	(0.60-	1.94)
43	WANGT	2	f 92	89	43	46	1.11	(0.67-	1.84)
44	CARDEN	10	f -	-	-	-	1.20	(0.80-	1.60)
45	ZHENG	2	f 62	179	7	51	2.52	(1.09-	5.85)
47	BOFFET	9	f -	-	-	-	1.11	(0.88-	1.39)
48	SHEN	1	f 56	59	14	11	0.75	(0.31-	1.78)
49	ZARIDZ	4	f -	-	-	-	1.53	(1.06-	2.21)
50	BOFFE2	14	f -	-	-	-	1.00	(0.50-	1.90)
51	JEE	4	f -	-	-	-	1.72	(0.93-	3.18)
52	RAPITI	2	f -	-	-	-	1.20	(0.50-	2.90)
54	ZHONG	2	f -	-	-	-	1.10	(0.80-	1.50)
55	LEECH	8	f -	-	-	-	1.87	(1.29-	2.71)
56	MALATS	9	f -	-	-	-	1.50	(0.77-	2.91)
57	WANGL	36	f -	-	-	-	1.03	(0.60-	1.70)
58	JOHNSO	8	f -	-	-	-	1.20	(0.62-	2.30)
61	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)
73	WEN	1	f -	-	-	-	1.09	(0.74-	1.61)
74	YU	1	f -	-	-	-	1.35	(0.70-	2.63)
81	KURAHA	10	f -	-	-	-	1.26	(0.78-	2.03)
87	BRENNE	18	f -	-	-	-	0.40	(0.25-	0.63)
91	HE	4	f -	-	-	-	2.07	(0.23-	18.34)
93	LIN	7	f -	-	-	-	2.50	(1.66-	3.77)
95	ALZOUG	2	f -	-	-	-	0.39	(0.15-	0.98)
96	GELAC	27	f -	-	-	-	1.30	(1.09-	1.56)
101	ILCCO	82	f -	-	-	-	1.20	(1.06-	1.36)
102	TORRES	8	f -	-	-	-	0.71	(0.46-	1.10)
Partial Totals			758	97656	375	83295			
*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 16
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By any study results available on dose-response or not - adjusted

	None	No assoc	Sig assoc	Results	Total
Relative risks					
N	37		2	54	93
NS	37		2	54	93
Wt	686.51	18.18		1330.27	2034.95
Het Chi	60.22	0.32		103.38	168.39
Het df	36	1		53	92
Het P	**	N.S.		***	***
Fixed RR	1.12	0.95		1.23	1.19
RRl	1.04	0.60		1.16	1.14
RRu	1.21	1.50		1.29	1.24
P	++	N.S.		+++	+++
Random RR	1.18	0.95		1.25	1.22
RRl	1.06	0.60		1.14	1.14
RRu	1.33	1.50		1.36	1.31
P	++	N.S.		+++	+++
Asymm P	(*)			N.S.	(*)
Between Chi		0.51		3.53	4.47
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 17
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By spouse the index or not - adjusted

Yes			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)
25	SCHOEN	2	f -	-	-	-	1.07 (0.70-	1.64)
27	JANERI	3	f -	-	-	-	0.75 (0.47-	1.20)
28	KALAND	3	f -	-	-	-	2.11 (1.09-	4.08)
29	SOBUE	2	f -	-	-	-	1.13 (0.78-	1.63)
30	WU-WIL	4	f -	-	-	-	0.70 (0.60-	0.90)
32	BROWN2	4	f -	-	-	-	1.00 (0.80-	1.20)
33	STOCKW	3	f -	-	-	-	1.60 (0.80-	3.00)
34	DU	1	f 47	154	28	100	1.09 (0.64-	1.85)
35	LIUQ	2	f -	-	-	-	1.72 (0.77-	3.87)
36	FONTHA	6	f -	-	-	-	1.29 (1.04-	1.60)
37	LAYARD	4	f -	-	-	-	0.58 (0.30-	1.13)
39	KABAT2	6	f -	-	-	-	1.08 (0.60-	1.94)
41	SUN	2	f -	-	-	-	1.16 (0.80-	1.69)
43	WANGT	2	f 92	89	43	46	1.11 (0.67-	1.84)
44	CARDEN	10	f -	-	-	-	1.20 (0.80-	1.60)
47	BOFFET	9	f -	-	-	-	1.11 (0.88-	1.39)
49	ZARIDZ	4	f -	-	-	-	1.53 (1.06-	2.21)
50	BOFFE2	14	f -	-	-	-	1.00 (0.50-	1.90)
51	JEE	4	f -	-	-	-	1.72 (0.93-	3.18)
52	RAPITI	2	f -	-	-	-	1.20 (0.50-	2.90)
54	ZHONG	2	f -	-	-	-	1.10 (0.80-	1.50)
55	LEECH	8	f -	-	-	-	1.87 (1.29-	2.71)
56	MALATS	9	f -	-	-	-	1.50 (0.77-	2.91)
60	NISHIN	2	f -	-	-	-	1.80 (0.67-	4.60)
61	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)
73	WEN	1	f -	-	-	-	1.09 (0.74-	1.61)
81	KURAHA	10	f -	-	-	-	1.26 (0.78-	2.03)
90	KIYOHA	3	f -	-	-	-	1.01 (0.47-	2.17)
95	ALZOUG	2	f -	-	-	-	0.39 (0.15-	0.98)
96	GELAC	27	f -	-	-	-	1.30 (1.09-	1.56)
97	MASJED	6	f 21	28	34	91	2.01 (1.01-	4.00)
99	SEKI	20	f -	-	-	-	1.31 (0.99-	1.72)
Partial Totals			740	96099	497	82971		
*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 17
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By spouse the index or not - adjusted

No			Numbers 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)
26	SVENSS	5	f -	-	-	-	1.36 (0.53-	3.49)
31	LIUZ	2	f -	-	-	-	0.77 (0.30-	1.96)
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84-	7.85)
40	SCHWAR	6	f -	-	-	-	1.10 (0.72-	1.68)
42	WANGS	1	f 67	60	15	34	2.53 (1.26-	5.10)
45	ZHENG	2	f 62	179	7	51	2.52 (1.09-	5.85)
48	SHEN	1	f 56	59	14	11	0.75 (0.31-	1.78)
53	SPEIZE	1	f -	-	-	-	1.50 (0.30-	6.30)
57	WANGL	36	f -	-	-	-	1.03 (0.60-	1.70)
58	JOHNSO	8	f -	-	-	-	1.20 (0.62-	2.30)
59	LAGARD	4	f -	-	-	-	1.15 (0.84-	1.58)
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 -	-	81	260	1.80 (0.95-	3.42)
70	GORLOV	2	f -	-	-	-	1.15 (0.63-	2.10)
72	RYLAND	2	f -	-	-	-	1.37 (0.57-	3.30)
74	YU	1	f -	-	-	-	1.35 (0.70-	2.63)
76	HILL1	2	f -	-	-	-	1.00 (0.49-	2.01)
77	HILL2	3	f -	-	-	-	1.38 (0.78-	2.41)
78	LOPEZC	3	f -	-	1	4	0.99 (0.00-	509.87)
79	ASOMAN	13	f -	-	-	-	0.93 (0.31-	2.78)
80	GALLEG	3	f -	-	-	-	8.00 (0.85-	75.31)
83	YANG	8	f -	-	-	-	2.00 (1.10-	3.63)
86	LIANG	2	f141	149	85	130	1.45 (1.01-	2.07)
87	BRENNE	18	f -	-	-	-	0.40 (0.25-	0.63)
88	JIANG	11	f -	-	-	-	2.27 (1.13-	4.53)
91	HE	4	f -	-	-	-	2.07 (0.23-	18.34)
92	LIM	1	f200	602	226	764	1.12 (0.90-	1.40)
93	LIN	7	f -	-	-	-	2.50 (1.66-	3.77)
98	REN	2	f -	-	-	-	1.20 (0.99-	1.46)
100	WHIOS	1	f -	-	-	-	0.88 (0.52-	1.49)
101	ILCCO	82	f -	-	-	-	1.20 (1.06-	1.36)
102	TORRES	8	f -	-	-	-	0.71 (0.46-	1.10)
Partial Totals			583	2632	442	1842		

*prospective study

Yes No Total

Relative risks

N	55	38	93
NS	55	38	93
Wt	1249.57	785.38	2034.95
Het Chi	93.04	75.01	168.39
Het df	54	37	92
Het P	***	***	***
Fixed RR	1.17	1.21	1.19
RRl	1.11	1.12	1.14
RRu	1.24	1.29	1.24
P	+++	+++	+++
Random RR	1.21	1.23	1.22
RRl	1.12	1.08	1.14
RRu	1.32	1.39	1.31
P	+++	++	+++
Asymm P	(*)	N.S.	(*)
Between Chi		0.34	0.34
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), 17-NOV-15
 Female

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

Never			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)	
25	SCHOEN	2	f -	-	-	-	1.07 (0.70- 1.64)	
28	KALAND	3	f -	-	-	-	2.11 (1.09- 4.08)	
29	SOBUE	2	f -	-	-	-	1.13 (0.78- 1.63)	
30	WU-WIL	4	f -	-	-	-	0.70 (0.60- 0.90)	
32	BROWN2	4	f -	-	-	-	1.00 (0.80- 1.20)	
34	DU	1	f 47	154	28	100	1.09 (0.64- 1.85)	
35	LIUQ	2	f -	-	-	-	1.72 (0.77- 3.87)	
39	KABAT2	6	f -	-	-	-	1.08 (0.60- 1.94)	
40	SCHWAR	6	f -	-	-	-	1.10 (0.72- 1.68)	
41	SUN	2	f -	-	-	-	1.16 (0.80- 1.69)	
42	WANGS	1	f 67	60	15	34	2.53 (1.26- 5.10)	
43	WANGT	2	f 92	89	43	46	1.11 (0.67- 1.84)	
44	CARDEN	10	f -	-	-	-	1.20 (0.80- 1.60)	
48	SHEN	1	f 56	59	14	11	0.75 (0.31- 1.78)	
49	ZARIDZ	4	f -	-	-	-	1.53 (1.06- 2.21)	
53	SPEIZE	1	f -	-	-	-	1.50 (0.30- 6.30)	
60	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 -	-	81	260	1.80 (0.95- 3.42)	
72	RYLAND	2	f -	-	-	-	1.37 (0.57- 3.30)	
73	WEN	1	f -	-	-	-	1.09 (0.74- 1.61)	
80	GALLEG	3	f -	-	-	-	8.00 (0.85- 75.31)	
81	KURAHA	10	f -	-	-	-	1.26 (0.78- 2.03)	
86	LIANG	2	f141	149	85	130	1.45 (1.01- 2.07)	
88	JIANG	11	f -	-	-	-	2.27 (1.13- 4.53)	
90	KIYOHA	3	f -	-	-	-	1.01 (0.47- 2.17)	
93	LIN	7	f -	-	-	-	2.50 (1.66- 3.77)	
98	REN	2	f -	-	-	-	1.20 (0.99- 1.46)	
99	SEKI	20	f -	-	-	-	1.31 (0.99- 1.72)	
100	WHIOS	1	f -	-	-	-	0.88 (0.52- 1.49)	
Partial Totals			818	2766	518	1794		

*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 18
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female

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

Other			Numbers exposed Non-exposed				RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
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)	
26	SVENSS	5	f -	-	-	-	1.36 (0.53- 3.49)	
27	JANERI	3	f -	-	-	-	0.75 (0.47- 1.20)	
31	LIUZ	2	f -	-	-	-	0.77 (0.30- 1.96)	
33	STOCKW	3	f -	-	-	-	1.60 (0.80- 3.00)	
36	FONTHA	6	f -	-	-	-	1.29 (1.04- 1.60)	
37	LAYARD	4	f -	-	-	-	0.58 (0.30- 1.13)	
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84- 7.85)	
45	ZHENG	2	f 62	179	7	51	2.52 (1.09- 5.85)	
47	BOFFET	9	f -	-	-	-	1.11 (0.88- 1.39)	
50	BOFFE2	14	f -	-	-	-	1.00 (0.50- 1.90)	
51	JEE	4	f -	-	-	-	1.72 (0.93- 3.18)	
52	RAPITI	2	f -	-	-	-	1.20 (0.50- 2.90)	
54	ZHONG	2	f -	-	-	-	1.10 (0.80- 1.50)	
55	LEECH	8	f -	-	-	-	1.87 (1.29- 2.71)	
56	MALATS	9	f -	-	-	-	1.50 (0.77- 2.91)	
57	WANGL	36	f -	-	-	-	1.03 (0.60- 1.70)	
58	JOHNSO	8	f -	-	-	-	1.20 (0.62- 2.30)	
59	LAGARD	4	f -	-	-	-	1.15 (0.84- 1.58)	
61	OHNO	6	f -	-	-	-	1.00 (0.67- 1.49)	
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)	
74	YU	1	f -	-	-	-	1.35 (0.70- 2.63)	
76	HILL1	2	f -	-	-	-	1.00 (0.49- 2.01)	
77	HILL2	3	f -	-	-	-	1.38 (0.78- 2.41)	
78	LOPEZC	3	f -	-	1	4	0.99 (0.00- 509.87)	
79	ASOMAN	13	f -	-	-	-	0.93 (0.31- 2.78)	
83	YANG	8	f -	-	-	-	2.00 (1.10- 3.63)	
87	BRENNE	18	f -	-	-	-	0.40 (0.25- 0.63)	
91	HE	4	f -	-	-	-	2.07 (0.23- 18.34)	
92	LIM	1	f200	602	226	764	1.12 (0.90- 1.40)	
95	ALZOUZ	2	f -	-	-	-	0.39 (0.15- 0.98)	
96	GELAC	27	f -	-	-	-	1.30 (1.09- 1.56)	
97	MASJED	6	f 21	28	34	91	2.01 (1.01- 4.00)	
101	ILCCO	82	f -	-	-	-	1.20 (1.06- 1.36)	
102	TORRES	8	f -	-	-	-	0.71 (0.46- 1.10)	
Partial Totals			505	95965	421	83019		

*prospective study

Never Other Total

Relative risks

N	53	40	93
NS	53	40	93
Wt	985.87	1049.09	2034.95
Het Chi	91.09	77.11	168.39
Het df	52	39	92
Het P	***	***	***
Fixed RR	1.20	1.18	1.19
RRl	1.13	1.11	1.14
RRu	1.28	1.25	1.24
P	+++	+++	+++
Random RR	1.28	1.15	1.22
RRl	1.16	1.04	1.14
RRu	1.40	1.28	1.31
P	+++	++	+++
Asymm P	**	N.S.	(*)
Between Chi		0.19	0.19
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 19
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By interview method/setting - adjusted

Hospital

StN	Ref	NRR	Numbers 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)	
28	KALAND	3	f -	-	-	-	2.11 (1.09- 4.08)	
39	KABAT2	6	f -	-	-	-	1.08 (0.60- 1.94)	
42	WANGS	1	f 67	60	15	34	2.53 (1.26- 5.10)	
49	ZARIDZ	4	f -	-	-	-	1.53 (1.06- 2.21)	
52	RAPITI	2	f -	-	-	-	1.20 (0.50- 2.90)	
55	LEECH	8	f -	-	-	-	1.87 (1.29- 2.71)	
64	ZATLOU	6	f -	-	-	-	0.48 (0.21- 1.09)	
78	LOPEZC	3	f -	-	1	4	0.99 (0.00- 509.87)	
79	ASOMAN	13	f -	-	-	-	0.93 (0.31- 2.78)	
93	LIN	7	f -	-	-	-	2.50 (1.66- 3.77)	
96	GELAC	27	f -	-	-	-	1.30 (1.09- 1.56)	
97	MASJED	6	f 21	28	34	91	2.01 (1.01- 4.00)	
98	REN	2	f -	-	-	-	1.20 (0.99- 1.46)	
102	TORRES	8	f -	-	-	-	0.71 (0.46- 1.10)	
Partial Totals			316	603	201	549		

*prospective study

Home

StN	Ref	NRR	Numbers 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)	
25	SCHOEN	2	f -	-	-	-	1.07 (0.70- 1.64)	
35	LIUQ	2	f -	-	-	-	1.72 (0.77- 3.87)	
37	LAYARD	4	f -	-	-	-	0.58 (0.30- 1.13)	
44	CARDEN	10	f -	-	-	-	1.20 (0.80- 1.60)	
73	WEN	1	f -	-	-	-	1.09 (0.74- 1.61)	
Partial Totals			33	164	8	32		

*prospective study

Telephone

StN	Ref	NRR	Numbers 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)	
32	BROWN2	4	f -	-	-	-	1.00 (0.80- 1.20)	
40	SCHWAR	6	f -	-	-	-	1.10 (0.72- 1.68)	
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 19
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By interview method/setting - adjusted

Self-completion

StN	Ref	NRR	Numbers 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)
29	SOBUE	2	f -	-	-	-	1.13 (0.78-	1.63)
51	JEE	4	f -	-	-	-	1.72 (0.93-	3.18)
53	SPEIZE	1	f -	-	-	-	1.50 (0.30-	6.30)
58	JOHNSO	8	f -	-	-	-	1.20 (0.62-	2.30)
60	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)
76	HILL1	2	f -	-	-	-	1.00 (0.49-	2.01)
77	HILL2	3	f -	-	-	-	1.38 (0.78-	2.41)
81	KURAHA	10	f -	-	-	-	1.26 (0.78-	2.03)
90	KIYOHA	3	f -	-	-	-	1.01 (0.47-	2.17)
99	SEKI	20	f -	-	-	-	1.31 (0.99-	1.72)
Partial Totals			145	96266	104	82420		

*prospective study

Othr/unkn

StN	Ref	NRR	Numbers 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)
26	SVENSS	5	f -	-	-	-	1.36 (0.53-	3.49)
27	JANERI	3	f -	-	-	-	0.75 (0.47-	1.20)
30	WU-WIL	4	f -	-	-	-	0.70 (0.60-	0.90)
31	LIUZ	2	f -	-	-	-	0.77 (0.30-	1.96)
33	STOCKW	3	f -	-	-	-	1.60 (0.80-	3.00)
34	DU	1	f 47	154	28	100	1.09 (0.64-	1.85)
36	FONTHA	6	f -	-	-	-	1.29 (1.04-	1.60)
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84-	7.85)
41	SUN	2	f -	-	-	-	1.16 (0.80-	1.69)
43	WANGT	2	f 92	89	43	46	1.11 (0.67-	1.84)
45	ZHENG	2	f 62	179	7	51	2.52 (1.09-	5.85)
47	BOFFET	9	f -	-	-	-	1.11 (0.88-	1.39)
48	SHEN	1	f 56	59	14	11	0.75 (0.31-	1.78)
50	BOFFE2	14	f -	-	-	-	1.00 (0.50-	1.90)
54	ZHONG	2	f -	-	-	-	1.10 (0.80-	1.50)
56	MALATS	9	f -	-	-	-	1.50 (0.77-	2.91)
57	WANGL	36	f -	-	-	-	1.03 (0.60-	1.70)
59	LAGARD	4	f -	-	-	-	1.15 (0.84-	1.58)
61	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)
69	FRANCO	3	f -	-	81	260	1.80 (0.95-	3.42)
70	GORLOV	2	f -	-	-	-	1.15 (0.63-	2.10)
72	RYLAND	2	f -	-	-	-	1.37 (0.57-	3.30)
74	YU	1	f -	-	-	-	1.35 (0.70-	2.63)
80	GALLEG	3	f -	-	-	-	8.00 (0.85-	75.31)
83	YANG	8	f -	-	-	-	2.00 (1.10-	3.63)
86	LIANG	2	f141	149	85	130	1.45 (1.01-	2.07)
87	BRENNE	18	f -	-	-	-	0.40 (0.25-	0.63)
88	JIANG	11	f -	-	-	-	2.27 (1.13-	4.53)
91	HE	4	f -	-	-	-	2.07 (0.23-	18.34)
92	LIM	1	f200	602	226	764	1.12 (0.90-	1.40)
95	ALZOUG	2	f -	-	-	-	0.39 (0.15-	0.98)
100	WHIOS	1	f -	-	-	-	0.88 (0.52-	1.49)
101	ILCCO	82	f -	-	-	-	1.20 (1.06-	1.36)
Partial Totals			829	1698	626	1812		

*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 19
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female

		By interview method/setting - adjusted					
		Hospital	Home Telephone	Self-comp	Othr/unkn	Total	
Relative risks							
	N	20	10	4	16	43	93
	NS	20	10	4	16	43	93
	Wt	435.35	152.90	131.91	236.57	1078.21	2034.95
	Het Chi	45.00	9.58	0.56	6.56	96.63	168.39
	Het df	19	9	3	15	42	92
	Het P	***	N.S.	N.S.	N.S.	***	***
Fixed	RR	1.34	1.21	1.04	1.19	1.15	1.19
	RRl	1.22	1.03	0.88	1.05	1.08	1.14
	RRu	1.47	1.42	1.23	1.35	1.22	1.24
	P	+++	+	N.S.	++	+++	+++
Random	RR	1.36	1.21	1.04	1.19	1.19	1.22
	RRl	1.15	1.02	0.88	1.05	1.07	1.14
	RRu	1.62	1.43	1.23	1.35	1.33	1.31
	P	+++	+	N.S.	++	++	+++
Asymm	P	N.S.	N.S.	(*)	N.S.	N.S.	(*)
Between	Chi		1.18	6.47	2.12	7.56	10.05
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 | 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 20
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Female
 By any proxy use or not - adjusted

No	StN	Ref	NRR	Numbers 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)
26		SVENSS	5	f -	-	-	-	1.36 (0.53-	3.49)
28		KALAND	3	f -	-	-	-	2.11 (1.09-	4.08)
29		SOBUE	2	f -	-	-	-	1.13 (0.78-	1.63)
30		WU-WIL	4	f -	-	-	-	0.70 (0.60-	0.90)
31		LIUZ	2	f -	-	-	-	0.77 (0.30-	1.96)
35		LIUQ	2	f -	-	-	-	1.72 (0.77-	3.87)
38		DEWAAR	1	f 19	124	4	67	2.57 (0.84-	7.85)
39		KABAT2	6	f -	-	-	-	1.08 (0.60-	1.94)
41		SUN	2	f -	-	-	-	1.16 (0.80-	1.69)
42		WANGS	1	f 67	60	15	34	2.53 (1.26-	5.10)
43		WANGT	2	f 92	89	43	46	1.11 (0.67-	1.84)
44		CARDEN	10	f -	-	-	-	1.20 (0.80-	1.60)
47		BOFFET	9	f -	-	-	-	1.11 (0.88-	1.39)
48		SHEN	1	f 56	59	14	11	0.75 (0.31-	1.78)
49		ZARIDZ	4	f -	-	-	-	1.53 (1.06-	2.21)
50		BOFFE2	14	f -	-	-	-	1.00 (0.50-	1.90)
51		JEE	4	f -	-	-	-	1.72 (0.93-	3.18)
52		RAPITI	2	f -	-	-	-	1.20 (0.50-	2.90)
53		SPEIZE	1	f -	-	-	-	1.50 (0.30-	6.30)
55		LEECH	8	f -	-	-	-	1.87 (1.29-	2.71)
56		MALATS	9	f -	-	-	-	1.50 (0.77-	2.91)
60		NISHIN	2	f -	-	-	-	1.80 (0.67-	4.60)
61		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)
67		EPICA	10	f -	-	-	-	0.84 (0.33-	2.17)
68		FANG	2	f -	-	-	-	1.77 (1.07-	2.92)
69		FRANCO	3	f -	-	81	260	1.80 (0.95-	3.42)
70		GORLOV	2	f -	-	-	-	1.15 (0.63-	2.10)
72		RYLAND	2	f -	-	-	-	1.37 (0.57-	3.30)
73		WEN	1	f -	-	-	-	1.09 (0.74-	1.61)
76		HILL1	2	f -	-	-	-	1.00 (0.49-	2.01)
77		HILL2	3	f -	-	-	-	1.38 (0.78-	2.41)
78		LOPEZC	3	f -	-	1	4	0.99 (0.00-	509.87)
80		GALLEG	3	f -	-	-	-	8.00 (0.85-	75.31)
81		KURAHA	10	f -	-	-	-	1.26 (0.78-	2.03)
86		LIANG	2	f141	149	85	130	1.45 (1.01-	2.07)
87		BRENNE	18	f -	-	-	-	0.40 (0.25-	0.63)
90		KIYOHA	3	f -	-	-	-	1.01 (0.47-	2.17)
91		HE	4	f -	-	-	-	2.07 (0.23-	18.34)
92		LIM	1	f200	602	226	764	1.12 (0.90-	1.40)
93		LIN	7	f -	-	-	-	2.50 (1.66-	3.77)
96		GELAC	27	f -	-	-	-	1.30 (1.09-	1.56)
97		MASJED	6	f 21	28	34	91	2.01 (1.01-	4.00)
98		REN	2	f -	-	-	-	1.20 (0.99-	1.46)
99		SEKI	20	f -	-	-	-	1.31 (0.99-	1.72)
100		WHIOS	1	f -	-	-	-	0.88 (0.52-	1.49)
101		ILCCO	82	f -	-	-	-	1.20 (1.06-	1.36)
102		TORRES	8	f -	-	-	-	0.71 (0.46-	1.10)
Partial Totals				1042	97878	825	84358		
*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), 17-NOV-15
 Female
 By any proxy use or not - adjusted

			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)	
25	SCHOEN	2	f -	-	-	-	1.07 (0.70- 1.64)	
27	JANERI	3	f -	-	-	-	0.75 (0.47- 1.20)	
32	BROWN2	4	f -	-	-	-	1.00 (0.80- 1.20)	
33	STOCKW	3	f -	-	-	-	1.60 (0.80- 3.00)	
34	DU	1	f 47	154	28	100	1.09 (0.64- 1.85)	
36	FONTHA	6	f -	-	-	-	1.29 (1.04- 1.60)	
37	LAYARD	4	f -	-	-	-	0.58 (0.30- 1.13)	
40	SCHWAR	6	f -	-	-	-	1.10 (0.72- 1.68)	
54	ZHONG	2	f -	-	-	-	1.10 (0.80- 1.50)	
57	WANGL	36	f -	-	-	-	1.03 (0.60- 1.70)	
58	JOHNSO	8	f -	-	-	-	1.20 (0.62- 2.30)	
59	LAGARD	4	f -	-	-	-	1.15 (0.84- 1.58)	
66	MCGHEE	2	f -	-	-	-	1.38 (0.94- 2.04)	
74	YU	1	f -	-	-	-	1.35 (0.70- 2.63)	
83	YANG	8	f -	-	-	-	2.00 (1.10- 3.63)	
95	ALZOUG	2	f -	-	-	-	0.39 (0.15- 0.98)	
Partial Totals			185	633	87	352		

*prospective study

Unknown

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

*prospective study

No Yes Unknown Total

Relative risks

N	65	24	4	93
NS	65	24	4	93
Wt	1527.66	482.54	24.75	2034.95
Het Chi	131.10	27.13	2.33	168.39
Het df	64	23	3	92
Het P	***	N.S.	N.S.	***
Fixed RR	1.19	1.15	2.04	1.19
RRl	1.13	1.05	1.37	1.14
RRu	1.25	1.25	3.02	1.24
P	+++	++	+++	+++
Random RR	1.22	1.15	2.04	1.22
RRl	1.12	1.04	1.37	1.14
RRu	1.33	1.28	3.02	1.31
P	+++	++	+++	+++
Asymm P	N.S.	N.S.	N.S.	(*)
Between Chi		0.54	7.01	7.82
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 | 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 21
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Male
 Overall analysis - adjusted

Overall		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)
27	JANERI	2	m -	-	-	-	0.75 (0.31- 1.78)
37	LAYARD	2	m -	-	-	-	1.47 (0.55- 3.94)
39	KABAT2	4	m -	-	-	-	1.60 (0.67- 3.82)
40	SCHWAR	4	m -	-	-	-	1.10 (0.60- 2.03)
44	CARDEN	12	m -	-	-	-	1.10 (0.60- 1.80)
45	ZHENG	1	m 8	12	17	17	0.67 (0.22- 2.04)
46	AUVINE	2	m -	-	-	-	0.69 (0.28- 1.74)
47	BOFFET	7	m -	-	-	-	1.47 (0.81- 2.66)
56	MALATS	8	m -	-	-	-	1.50 (0.41- 5.43)
57	WANGL	34	m -	-	-	-	0.56 (0.20- 1.40)
59	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)
72	RYLAND	1	m -	-	-	-	1.37 (0.53- 3.53)
76	HILL1	3	m -	-	-	-	1.08 (0.56- 2.09)
77	HILL2	1	m -	-	-	-	1.45 (0.75- 2.81)
78	LOPEZC	2	m -	-	-	-	0.99 (0.09- 10.71)
79	ASOMAN	12	m -	-	-	-	0.93 (0.23- 3.70)
80	GALLEG	2	m -	-	-	-	8.00 (1.13- 56.52)
83	YANG	7	m -	-	-	-	2.00 (1.11- 3.59)
85	TSE	10	m -	-	-	-	0.90 (0.57- 1.41)
87	BRENNE	17	m -	-	-	-	0.40 (0.20- 0.80)
88	JIANG	10	m -	-	-	-	2.27 (0.62- 8.27)
90	KIYOHA	2	m -	-	-	-	1.01 (0.59- 1.71)
91	HE	2	m -	-	-	-	1.86 (0.45- 7.73)
95	ALZOUG	1	m -	-	-	-	0.39 (0.09- 1.63)
96	GELAC	31	m 2	0	299	312	5.22~(0.25- 109.12)
97	MASJED	5	m 0	4	26	166	0.70~(0.04- 13.34)
99	SEKI	7	m -	-	-	-	1.29 (0.34- 4.91)
101	ILCCO	81	m -	-	-	-	1.20 (0.98- 1.46)
102	TORRES	7	m -	-	-	-	0.71 (0.30- 1.67)
Partial Totals			26	352	373	1208	

*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
3	CORREA	1	m	t	0.68	1.41	0.41	0.4200
5	BUFFLE	1	m	t	-0.68	2.42	1.63	0.2896
6	HIRAYA	2	m	t	0.81	6.73	3.03	0.0355
7	KABAT1	3	m	t	0.00	1.46	0.03	1.0000
11	AKIBA	2	m	t	0.59	1.85	0.37	0.4240
12	LEE	4	m	t	0.26	2.57	0.04	0.6743
15	HUMBL1	2	m	t	1.41	1.23	1.98	0.1185
23	CHOI	1	m	t	1.00	1.30	0.97	0.2525
24	HOLE	1	m	t	1.26	0.67	0.84	0.3028
27	JANERI	2	m	t	-0.29	5.03	0.92	0.5188
37	LAYARD	2	m	t	0.39	3.96	0.24	0.4431
39	KABAT2	4	m	t	0.47	5.07	0.55	0.2899
40	SCHWAR	4	m	t	0.10	10.34	0.02	0.7592
44	CARDEN	12	m	t	0.10	12.73	0.03	0.7338
45	ZHENG	1	m	t	-0.41	3.07	0.91	0.4776
46	AUVINE	2	m	t	-0.37	4.60	1.20	0.4259
47	BOFFET	7	m	t	0.39	10.87	0.65	0.2041

 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), 17-NOV-15
 Male
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
56	MALATS	8	m	t	0.41	2.30	0.16	0.5384
57	WANGL	34	m	t	-0.58	4.06	2.10	0.2428
59	LAGARD	2	m	t	0.14	31.42	0.00	0.4334
63	ENSTRO	6	m	t	-0.46	8.99	3.26	0.1660
65	IARCKR	3	m	t	-0.92	1.33	1.48	0.2910
66	MCGHEE	1	m	t	0.29	16.22	0.38	0.2385
67	EPICA	9	m	t	-0.17	1.64	0.16	0.8236
69	FRANCO	2	m	t	0.59	5.88	1.18	0.1542
70	GORLOV	1	m	t	0.34	5.29	0.22	0.4295
72	RYLAND	1	m	t	0.31	4.27	0.13	0.5152
76	HILL1	3	m	t	0.08	8.86	0.04	0.8188
77	HILL2	1	m	t	0.37	8.81	0.47	0.2702
78	LOPEZC	2	m	t	-0.01	0.68	0.01	0.9954
79	ASOMAN	12	m	t	-0.07	1.99	0.09	0.9184
80	GALLEG	2	m	t	2.08	1.00	3.78	0.0372
83	YANG	7	m	t	0.69	11.15	3.41	0.0206
85	TSE	10	m	t	-0.11	18.73	1.13	0.6484
87	BRENNE	17	m	t	-0.92	8.00	8.92	0.0096
88	JIANG	10	m	t	0.82	2.30	1.06	0.2149
90	KIYOHA	2	m	t	0.00	13.70	0.25	0.9853
91	HE	2	m	t	0.62	1.90	0.44	0.3923
95	ALZOUG	1	m	t	-0.94	1.83	2.14	0.2026
96	GELAC	31	m	t	1.65	0.42	0.95	0.2869
97	MASJED	5	m	t	-0.36	0.44	0.11	0.8113
99	SEKI	7	m	t	0.25	2.16	0.03	0.7085
101	ILCCO	81	m	t	0.18	96.69	0.17	0.0730
102	TORRES	7	m	t	-0.34	5.21	1.21	0.4342

Relative risks

N	44
NS	44
Wt	340.57
Het Chi	47.10
Het df	43
Het P	N.S.
Fixed RR	1.15
RRl	1.03
RRu	1.28
P	++
Random RR	1.14
RRl	1.01
RRu	1.29
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 22
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Male
 Overall analysis - unadjusted

Overall		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)
27	JANERI	2	m -	-	-	-	0.75 (0.31- 1.78)
37	LAYARD	1	m 6	215	15	783	1.46 (0.56- 3.80)
39	KABAT2	3	m 11	19	28	79	1.63 (0.69- 3.85)
40	SCHWAR	3	m -	-	-	-	1.18 (0.63- 2.20)
44	CARDEN	11	m 18	19549	79	76993	0.90 (0.54- 1.50)
45	ZHENG	1	m 8	12	17	17	0.67 (0.22- 2.04)
46	AUVINE	1	m 17	81	27	148	1.15 (0.59- 2.24)
47	BOFFET	6	m 23	68	118	462	1.32 (0.79- 2.21)
56	MALATS	1	m -	-	-	-	1.70 (0.55- 5.26)
57	WANGL	33	m 14	57	19	57	0.74 (0.34- 1.61)
59	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	13	m 36	25	27	25	1.33 (0.63- 2.81)
72	RYLAND	1	m -	-	-	-	1.37 (0.53- 3.53)
76	HILL1	1	m -	-	-	-	0.97 (0.53- 1.77)
77	HILL2	1	m -	-	-	-	1.45 (0.75- 2.81)
78	LOPEZC	2	m -	-	-	-	0.99 (0.09- 10.71)
79	ASOMAN	12	m -	-	-	-	0.93 (0.23- 3.70)
80	GALLEG	2	m -	-	-	-	8.00 (1.13- 56.52)
83	YANG	10	m -	-	-	-	1.56 (0.83- 2.93)
85	TSE	1	m 47	194	85	342	0.97 (0.66- 1.45)
87	BRENNE	17	m -	-	-	-	0.40 (0.20- 0.80)
88	JIANG	8	m 23	10	24	37	3.55 (1.44- 8.75)
90	KIYOHA	2	m -	-	-	-	1.01 (0.59- 1.71)
91	HE	1	m 7	271	3	168	1.45 (0.38- 5.52)
95	ALZOUG	31	m -	-	-	-	0.44 (0.12- 1.71)
96	GELAC	31	m 2	0	299	312	5.22~(0.25- 109.12)
97	MASJED	5	m 0	4	26	166	0.70~(0.04- 13.34)
99	SEKI	3	m 3	22	67	578	1.18 (0.34- 4.03)
101	ILCCO	83	m -	-	-	-	1.23 (1.03- 1.46)
102	TORRES	7	m -	-	-	-	0.71 (0.30- 1.67)
Partial Totals			287	22004	1060	100716	

*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
3	CORREA	1	m	t	0.68	1.41	0.39	0.4200
5	BUFFLE	1	m	t	-0.68	2.42	1.70	0.2896
6	HIRAYA	1	m	t	0.85	6.28	3.03	0.0328
7	KABAT1	3	m	t	0.00	1.46	0.04	1.0000
11	AKIBA	1	m	t	0.74	1.93	0.67	0.3008
12	LEE	3	m	t	0.27	2.49	0.03	0.6735
15	HUMBL1	1	m	t	1.43	1.75	2.85	0.0580
23	CHOI	1	m	t	1.00	1.30	0.93	0.2525
24	HOLE	1	m	t	1.26	0.67	0.81	0.3028
27	JANERI	2	m	t	-0.29	5.03	0.99	0.5188
37	LAYARD	1	m	t	0.38	4.18	0.20	0.4418
39	KABAT2	3	m	t	0.49	5.21	0.58	0.2627
40	SCHWAR	3	m	t	0.17	9.83	0.00	0.6039
44	CARDEN	11	m	t	-0.11	14.67	1.03	0.6783
45	ZHENG	1	m	t	-0.41	3.07	0.97	0.4776
46	AUVINE	1	m	t	0.14	8.70	0.00	0.6794
47	BOFFET	6	m	t	0.28	14.53	0.22	0.2843

 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), 17-NOV-15
 Male
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
56	MALATS	1	m	t	0.53	3.01	0.42	0.3569
57	WANGL	33	m	t	-0.31	6.28	1.34	0.4440
59	LAGARD	1	m	t	0.14	36.36	0.01	0.3994
63	ENSTRO	3	m	t	-0.29	11.27	2.22	0.3341
65	IARCKR	3	m	t	-0.92	1.33	1.53	0.2910
66	MCGHEE	5	m	t	0.36	17.79	0.77	0.1240
67	EPICA	9	m	t	-0.17	1.64	0.18	0.8236
69	FRANCO	2	m	t	0.59	5.88	1.09	0.1542
70	GORLOV	13	m	t	0.29	6.91	0.12	0.4497
72	RYLAND	1	m	t	0.31	4.27	0.11	0.5152
76	HILL1	1	m	t	-0.03	10.57	0.37	0.9211
77	HILL2	1	m	t	0.37	8.81	0.41	0.2702
78	LOPEZC	2	m	t	-0.01	0.68	0.02	0.9954
79	ASOMAN	12	m	t	-0.07	1.99	0.10	0.9184
80	GALLEG	2	m	t	2.08	1.00	3.71	0.0372
83	YANG	10	m	t	0.44	9.66	0.80	0.1670
85	TSE	1	m	t	-0.03	24.32	0.81	0.8997
87	BRENNE	17	m	t	-0.92	8.00	9.20	0.0096
88	JIANG	8	m	t	1.27	4.71	5.80	0.0060
90	KIYOHA	2	m	t	0.00	13.70	0.32	0.9853
91	HE	1	m	t	0.37	2.14	0.10	0.5889
95	ALZOUG	31	m	t	-0.82	2.18	2.08	0.2258
96	GELAC	31	m	t	1.65	0.42	0.93	0.2869
97	MASJED	5	m	t	-0.36	0.44	0.12	0.8113
99	SEKI	3	m	t	0.16	2.53	0.00	0.7961
101	ILCCO	83	m	t	0.21	127.37	0.31	0.0200
102	TORRES	7	m	t	-0.34	5.21	1.30	0.4342

Relative risks

N	44
NS	44
Wt	403.38
Het Chi	48.62
Het df	43
Het P	N.S.
Fixed RR	1.17
RRl	1.06
RRu	1.29
P	++
Random RR	1.16
RRl	1.03
RRu	1.31
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 23
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Male
 By continent - adjusted

NAmerica

StN	Ref	NRR	Numbers 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)
27	JANERI	2	m -	-	-	-	0.75	(0.31-	1.78)
37	LAYARD	2	m -	-	-	-	1.47	(0.55-	3.94)
39	KABAT2	4	m -	-	-	-	1.60	(0.67-	3.82)
40	SCHWAR	4	m -	-	-	-	1.10	(0.60-	2.03)
44	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)
79	ASOMAN	12	m -	-	-	-	0.93	(0.23-	3.70)
80	GALLEG	2	m -	-	-	-	8.00	(1.13-	56.52)
83	YANG	7	m -	-	-	-	2.00	(1.11-	3.59)
87	BRENNE	17	m -	-	-	-	0.40	(0.20-	0.80)
95	ALZOUG	1	m -	-	-	-	0.39	(0.09-	1.63)
Partial Totals			12	87	19	195			

*prospective study

Europe

StN	Ref	NRR	Numbers 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)
46	AUVINE	2	m -	-	-	-	0.69	(0.28-	1.74)
47	BOFFET	7	m -	-	-	-	1.47	(0.81-	2.66)
56	MALATS	8	m -	-	-	-	1.50	(0.41-	5.43)
59	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)
72	RYLAND	1	m -	-	-	-	1.37	(0.53-	3.53)
78	LOPEZC	2	m -	-	-	-	0.99	(0.09-	10.71)
102	TORRES	7	m -	-	-	-	0.71	(0.30-	1.67)
Partial Totals			2	243	1	428			

*prospective study

Asia

StN	Ref	NRR	Numbers 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)
45	ZHENG	1	m 8	12	17	17	0.67	(0.22-	2.04)
57	WANGL	34	m -	-	-	-	0.56	(0.20-	1.40)
66	MCGHEE	1	m -	-	-	-	1.34	(0.82-	2.17)
85	TSE	10	m -	-	-	-	0.90	(0.57-	1.41)
88	JIANG	10	m -	-	-	-	2.27	(0.62-	8.27)
90	KIYOHA	2	m -	-	-	-	1.01	(0.59-	1.71)
91	HE	2	m -	-	-	-	1.86	(0.45-	7.73)
96	GELAC	31	m 2	0	299	312	5.22~	(0.25-	109.12)
97	MASJED	5	m 0	4	26	166	0.70~	(0.04-	13.34)
99	SEKI	7	m -	-	-	-	1.29	(0.34-	4.91)
Partial Totals			12	22	353	585			

*prospective study

Other

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
76	HILL1	3	m -	-	-	-	1.08	(0.56-	2.09)
77	HILL2	1	m -	-	-	-	1.45	(0.75-	2.81)
101	ILCCO	81	m -	-	-	-	1.20	(0.98-	1.46)
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 23
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Male

	By continent - adjusted				
	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	17	11	13	3	44
NS	17	11	13	3	44
Wt	87.78	65.56	72.87	114.36	340.57
Het Chi	28.53	5.85	11.71	0.41	47.10
Het df	16	10	12	2	43
Het P	*	N.S.	N.S.	N.S.	N.S.
Fixed RR	1.09	1.12	1.17	1.21	1.15
RRl	0.88	0.88	0.93	1.01	1.03
RRu	1.34	1.43	1.47	1.45	1.28
P	N.S.	N.S.	N.S.	+	++
Random RR	1.11	1.12	1.17	1.21	1.14
RRl	0.82	0.88	0.93	1.01	1.01
RRu	1.49	1.43	1.47	1.45	1.29
P	N.S.	N.S.	N.S.	+	+
Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.
Between Chi		0.03	0.19	0.54	0.60
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 | 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), 17-NOV-15
 Male
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Numbers 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)	
27	JANERI	2	m -	-	-	-	0.75 (0.31- 1.78)	
37	LAYARD	1	m 6	215	15	783	1.46 (0.56- 3.80)	
39	KABAT2	3	m 11	19	28	79	1.63 (0.69- 3.85)	
40	SCHWAR	3	m -	-	-	-	1.18 (0.63- 2.20)	
44	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	13	m 36	25	27	25	1.33 (0.63- 2.81)	
79	ASOMAN	12	m -	-	-	-	0.93 (0.23- 3.70)	
80	GALLEG	2	m -	-	-	-	8.00 (1.13- 56.52)	
83	YANG	10	m -	-	-	-	1.56 (0.83- 2.93)	
87	BRENNE	17	m -	-	-	-	0.40 (0.20- 0.80)	
95	ALZOUG	31	m -	-	-	-	0.44 (0.12- 1.71)	
Partial Totals			88	19932	171	78168		

*prospective study

Europe

StN	Ref	NRR	Numbers 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)	
46	AUVINE	1	m 17	81	27	148	1.15 (0.59- 2.24)	
47	BOFFET	6	m 23	68	118	462	1.32 (0.79- 2.21)	
56	MALATS	1	m -	-	-	-	1.70 (0.55- 5.26)	
59	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)	
72	RYLAND	1	m -	-	-	-	1.37 (0.53- 3.53)	
78	LOPEZC	2	m -	-	-	-	0.99 (0.09- 10.71)	
102	TORRES	7	m -	-	-	-	0.71 (0.30- 1.67)	
Partial Totals			50	406	153	1054		

*prospective study

Asia

StN	Ref	NRR	Numbers 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)	
45	ZHENG	1	m 8	12	17	17	0.67 (0.22- 2.04)	
57	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)	
85	TSE	1	m 47	194	85	342	0.97 (0.66- 1.45)	
88	JIANG	8	m 23	10	24	37	3.55 (1.44- 8.75)	
90	KIYOHA	2	m -	-	-	-	1.01 (0.59- 1.71)	
91	HE	1	m 7	271	3	168	1.45 (0.38- 5.52)	
96	GELAC	31	m 2	0	299	312	5.22~(0.25- 109.12)	
97	MASJED	5	m 0	4	26	166	0.70~(0.04- 13.34)	
99	SEKI	3	m 3	22	67	578	1.18 (0.34- 4.03)	
Partial Totals			149	1666	736	21494		

*prospective study

Other

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
76	HILL1	1	m -	-	-	-	0.97 (0.53- 1.77)	
77	HILL2	1	m -	-	-	-	1.45 (0.75- 2.81)	
101	ILCCO	83	m -	-	-	-	1.23 (1.03- 1.46)	
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 24
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Male

	By continent - unadjusted				
	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	17	11	13	3	44
NS	17	11	13	3	44
Wt	92.83	78.89	84.92	146.74	403.38
Het Chi	25.88	4.63	15.45	0.83	48.62
Het df	16	10	12	2	43
Het P	(*)	N.S.	N.S.	N.S.	N.S.
Fixed RR	1.04	1.16	1.24	1.22	1.17
RRl	0.85	0.93	1.01	1.04	1.06
RRu	1.28	1.44	1.54	1.43	1.29
P	N.S.	N.S.	+	+	++
Random RR	1.08	1.16	1.30	1.22	1.16
RRl	0.82	0.93	0.99	1.04	1.03
RRu	1.42	1.44	1.70	1.43	1.31
P	N.S.	N.S.	(+)	+	+
Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.
Between Chi		0.47	1.39	1.41	1.83
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 | 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 25
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 Overall analysis - adjusted

Overall		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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	SCHOEN	2	f -	-	-	-	1.07 (0.70- 1.64)
26	SVENSS	5	f -	-	-	-	1.36 (0.53- 3.49)
27	JANERI	4	c -	-	-	-	0.75 (0.48- 1.18)
28	KALAND	3	f -	-	-	-	2.11 (1.09- 4.08)
29	SOBUE	2	f -	-	-	-	1.13 (0.78- 1.63)
30	WU-WIL	4	f -	-	-	-	0.70 (0.60- 0.90)
31	LIUZ	2	f -	-	-	-	0.77 (0.30- 1.96)
32	BROWN2	4	f -	-	-	-	1.00 (0.80- 1.20)
33	STOCKW	3	f -	-	-	-	1.60 (0.80- 3.00)
34	DU	1	f 47	154	28	100	1.09 (0.64- 1.85)
35	LIUQ	2	f -	-	-	-	1.72 (0.77- 3.87)
36	FONTHA	6	f -	-	-	-	1.29 (1.04- 1.60)
37	LAYARD	2	m -	-	-	-	1.47 (0.55- 3.94)
37	LAYARD	4	f -	-	-	-	0.58 (0.30- 1.13)
Subtotal 37							0.78 (0.45- 1.34)
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84- 7.85)
39	KABAT2	4	m -	-	-	-	1.60 (0.67- 3.82)
39	KABAT2	6	f -	-	-	-	1.08 (0.60- 1.94)
Subtotal 39							1.22 (0.75- 1.99)
40	SCHWAR	8	c -	-	-	-	1.10 (0.80- 1.60)
41	SUN	2	f -	-	-	-	1.16 (0.80- 1.69)
42	WANGS	1	f 67	60	15	34	2.53 (1.26- 5.10)
43	WANGT	2	f 92	89	43	46	1.11 (0.67- 1.84)
44	CARDEN	12	m -	-	-	-	1.10 (0.60- 1.80)
44	CARDEN	10	f -	-	-	-	1.20 (0.80- 1.60)
Subtotal 44							1.17 (0.87- 1.57)
45	ZHENG	1	m 8	12	17	17	0.67 (0.22- 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 25
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 Overall analysis - adjusted

Overall		Numbers exposed				Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont			
45	ZHENG	2	f 62	179	7	51	2.52 (1.09- 5.85)		
Subtotal 45							1.56 (0.80- 3.06)		
46	AUVINE	2	m -	-	-	-	0.69 (0.28- 1.74)		
47	BOFFET	7	m -	-	-	-	1.47 (0.81- 2.66)		
47	BOFFET	9	f -	-	-	-	1.11 (0.88- 1.39)		
Subtotal 47							1.15 (0.93- 1.42)		
48	SHEN	1	f 56	59	14	11	0.75 (0.31- 1.78)		
49	ZARIDZ	4	f -	-	-	-	1.53 (1.06- 2.21)		
50	BOFFE2	12	c -	-	-	-	1.00 (0.50- 1.80)		
51	JEE	4	f -	-	-	-	1.72 (0.93- 3.18)		
52	RAPITI	2	f -	-	-	-	1.20 (0.50- 2.90)		
53	SPEIZE	1	f -	-	-	-	1.50 (0.30- 6.30)		
54	ZHONG	2	f -	-	-	-	1.10 (0.80- 1.50)		
55	LEECH	8	f -	-	-	-	1.87 (1.29- 2.71)		
56	MALATS	12	c -	-	-	-	1.50 (0.80- 2.60)		
57	WANGL	34	m -	-	-	-	0.56 (0.20- 1.40)		
57	WANGL	36	f -	-	-	-	1.03 (0.60- 1.70)		
Subtotal 57							0.90 (0.57- 1.42)		
58	JOHNSO	8	f -	-	-	-	1.20 (0.62- 2.30)		
59	LAGARD	6	c -	-	-	-	1.15 (0.91- 1.45)		
60	NISHIN	2	f -	-	-	-	1.80 (0.67- 4.60)		
61	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)		
72	RYLAND	3	c -	-	-	-	1.37 (0.72- 2.61)		
73	WEN	1	f -	-	-	-	1.09 (0.74- 1.61)		
74	YU	1	f -	-	-	-	1.35 (0.70- 2.63)		
76	HILL1	3	m -	-	-	-	1.08 (0.56- 2.09)		
76	HILL1	2	f -	-	-	-	1.00 (0.49- 2.01)		
Subtotal 76							1.04 (0.64- 1.69)		
77	HILL2	1	m -	-	-	-	1.45 (0.75- 2.81)		
77	HILL2	3	f -	-	-	-	1.38 (0.78- 2.41)		
Subtotal 77							1.41 (0.92- 2.16)		
78	LOPEZC	1	c 35	141	1	4	0.99 (0.11- 9.16)		
79	ASOMAN	4	c 25	96	9	32	0.93 (0.39- 2.19)		
80	GALLEG	1	c 30	90	2	48	8.00 (1.83- 34.92)		
81	KURAHA	10	f -	-	-	-	1.26 (0.78- 2.03)		
83	YANG	2	c -	-	-	-	2.00 (1.30- 3.00)		
85	TSE	10	m -	-	-	-	0.90 (0.57- 1.41)		
86	LIANG	2	f141	149	85	130	1.45 (1.01- 2.07)		
87	BRENNE	13	c 50	247	101	199	0.40 (0.27- 0.59)		
88	JIANG	1	c -	-	-	-	2.27 (1.23- 4.18)		
90	KIYOHA	1	c 99	135	54	74	1.00 (0.65- 1.55)		
91	HE	2	m -	-	-	-	1.86 (0.45- 7.73)		
91	HE	4	f -	-	-	-	2.07 (0.23- 18.34)		
Subtotal 91							1.92 (0.58- 6.33)		
92	LIM	1	f200	602	226	764	1.12 (0.90- 1.40)		
93	LIN	7	f -	-	-	-	2.50 (1.66- 3.77)		
95	ALZOUG	3	c -	-	-	-	0.39 (0.18- 0.85)		
96	GELAC	31	m 2	0	299	312	5.22~(0.25- 109.12)		
96	GELAC	27	f -	-	-	-	1.30 (1.09- 1.56)		
Subtotal 96							1.31 (1.09- 1.56)		
97	MASJED	5	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

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), 17-NOV-15
 Both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
97	MASJED	6	f 21	28	34	91	2.01 (	1.01- 4.00)
Subtotal 97							1.90 (	0.97- 3.72)
98	REN	2	f -	-	-	-	1.20 (	0.99- 1.46)
99	SEKI	7	m -	-	-	-	1.29 (	0.34- 4.91)
99	SEKI	20	f -	-	-	-	1.31 (	0.99- 1.72)
Subtotal 99							1.31 (	1.00- 1.72)
100	WHIOS	1	f -	-	-	-	0.88 (	0.52- 1.49)
101	ILCCO	16	c -	-	-	-	1.20 (	1.08- 1.34)
102	TORRES	2	c -	-	-	-	0.71 (	0.48- 1.05)
Partial Totals			1581	98254	1395	85197		

*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
1	GARFI1	1	f	t	0.16	37.42	0.01	0.3420
2	CHAN	1	f	t	-0.28	12.78	2.61	0.3086
3	CORREA	1	m	t	0.68	1.41	0.37	0.4200
3	CORREA	2	f	t	0.73	4.41	1.37	0.1276
Subtotal 3					0.71	5.82	1.74	
4	TRICHO	1	f	y	0.73	12.77	4.04	0.0091
5	BUFFLE	1	m	t	-0.68	2.42	1.74	0.2896
5	BUFFLE	2	f	t	-0.22	5.19	0.77	0.6209
Subtotal 5					-0.36	7.61	2.51	
6	HIRAYA	2	m	t	0.81	6.73	2.79	0.0355
6	HIRAYA	8	f	t	0.37	30.26	1.26	0.0410
Subtotal 6					0.45	36.99	4.05	
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	2.86	0.0261
10	WU	3	f	a	0.18	4.31	0.00	0.7049
11	AKIBA	2	m	t	0.59	1.85	0.33	0.4240
11	AKIBA	4	f	t	0.41	12.99	0.74	0.1440
Subtotal 11					0.43	14.84	1.06	
12	LEE	4	m	t	0.26	2.57	0.02	0.6743
12	LEE	6	f	t	0.00	3.88	0.11	1.0000
Subtotal 12					0.10	6.44	0.13	
13	BROWN1	2	f	a	0.52	1.86	0.23	0.4791
14	GAO	8	f	t	0.27	23.89	0.23	0.1944
15	HUMBL1	2	m	t	1.41	1.23	1.89	0.1185
15	HUMBL1	4	f	t	0.79	3.31	1.28	0.1516
Subtotal 15					0.96	4.54	3.17	
16	KOO	3	f	t	0.49	9.57	1.02	0.1260
17	LAMT	1	f	t	0.50	30.63	3.38	0.0057
18	PERSHA	2	f	t	0.18	12.73	0.00	0.5153
19	BUTLER	2	f	t	0.70	1.85	0.53	0.3388
20	GENG	1	f	t	0.77	8.13	2.93	0.0285
21	INOUE	2	f	t	0.81	2.58	1.07	0.1930
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	1.23	0.0916
Subtotal 23					0.54	13.29	2.13	
24	HOLE	3	c	t	0.88	1.37	0.69	0.3034
25	SCHOEN	2	f	t	0.07	21.00	0.21	0.7533
26	SVENSS	5	f	t	0.31	4.33	0.08	0.5225
27	JANERI	4	c	t	-0.29	18.99	3.93	0.2099
28	KALAND	3	f	t	0.75	8.82	2.96	0.0266
29	SOBUE	2	f	t	0.12	28.29	0.06	0.5157
30	WU-WIL	4	f	t	-0.36	93.46	25.67	0.0006
31	LIUZ	2	f	t	-0.26	4.36	0.80	0.5852
32	BROWN2	4	f	t	0.00	93.46	2.62	1.0000
33	STOCKW	3	f	t	0.47	8.80	0.81	0.1634
34	DU	1	f	t	0.09	13.61	0.09	0.7506
35	LIUQ	2	f	t	0.54	5.89	0.83	0.1880
36	FONTHA	6	f	t	0.25	82.80	0.63	0.0205

 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

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), 17-NOV-15
 Both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
37	LAYARD	2	m	t	0.39	3.96	0.19	0.4431
37	LAYARD	4	f	t	-0.54	8.74	4.43	0.1074
Subtotal 37					-0.25	12.70	4.62	
38	DEWAAR	1	f	t	0.94	3.07	1.85	0.0986
39	KABAT2	4	m	t	0.47	5.07	0.46	0.2899
39	KABAT2	6	f	t	0.08	11.16	0.09	0.7971
Subtotal 39					0.20	16.23	0.56	
40	SCHWAR	8	c	t	0.10	31.98	0.17	0.5899
41	SUN	2	f	t	0.15	27.47	0.01	0.4366
42	WANGS	1	f	t	0.93	7.83	4.54	0.0093
43	WANGT	2	f	t	0.10	14.90	0.07	0.6978
44	CARDEN	12	m	t	0.10	12.73	0.07	0.7338
44	CARDEN	10	f	t	0.18	31.98	0.01	0.3025
Subtotal 44					0.16	44.71	0.07	
45	ZHENG	1	m	t	-0.41	3.07	1.01	0.4776
45	ZHENG	2	f	t	0.93	5.43	3.12	0.0310
Subtotal 45					0.45	8.50	4.13	
46	AUVINE	2	m	t	-0.37	4.60	1.34	0.4259
47	BOFFET	7	m	t	0.39	10.87	0.52	0.2041
47	BOFFET	9	f	t	0.10	73.53	0.29	0.3709
Subtotal 47					0.14	84.40	0.81	
48	SHEN	1	f	a	-0.29	5.07	1.08	0.5088
49	ZARIDZ	4	f	t	0.43	28.46	1.89	0.0233
50	BOFFE2	12	c	a	0.00	9.36	0.26	1.0000
51	JEE	4	f	t	0.54	10.17	1.43	0.0838
52	RAPITI	2	f	t	0.18	4.97	0.00	0.6843
53	SPEIZE	1	f	t	0.41	1.66	0.09	0.6016
54	ZHONG	2	f	t	0.10	38.89	0.20	0.5523
55	LEECH	8	f	t	0.63	27.89	5.86	0.0009
56	MALATS	12	c	t	0.41	11.06	0.63	0.1775
57	WANGL	34	m	t	-0.58	4.06	2.27	0.2428
57	WANGL	36	f	t	0.03	14.17	0.27	0.9114
Subtotal 57					-0.11	18.22	2.54	
58	JOHNSO	8	f	t	0.18	8.94	0.00	0.5856
59	LAGARD	6	c	t	0.14	70.80	0.05	0.2396
60	NISHIN	2	f	t	0.59	4.14	0.73	0.2317
61	OHNO	6	f	t	0.00	24.05	0.67	1.0000
63	ENSTRO	6	m	t	-0.46	8.99	3.56	0.1660
63	ENSTRO	12	f	t	-0.06	31.30	1.65	0.7292
Subtotal 63					-0.15	40.28	5.21	
64	ZATLOU	6	f	g	-0.73	5.67	4.60	0.0806
65	IARCKR	3	m	t	-0.92	1.33	1.56	0.2910
65	IARCKR	2	f	t	-0.22	16.83	2.57	0.3600
Subtotal 65					-0.27	18.16	4.13	
66	MCGHEE	1	m	t	0.29	16.22	0.25	0.2385
66	MCGHEE	2	f	t	0.32	25.59	0.61	0.1032
Subtotal 66					0.31	41.82	0.87	
67	EPICA	7	c	t	-0.17	5.93	0.69	0.6711
68	FANG	2	f	t	0.57	15.25	2.48	0.0258
69	FRANCO	1	c	t	0.59	15.26	2.70	0.0216
70	GORLOV	1	m	t	0.34	5.29	0.16	0.4295
70	GORLOV	2	f	t	0.14	10.60	0.01	0.6491
Subtotal 70					0.21	15.89	0.17	
72	RYLAND	3	c	t	0.31	9.26	0.20	0.3380
73	WEN	1	f	t	0.09	25.43	0.17	0.6639
74	YU	1	f	t	0.30	8.70	0.15	0.3760
76	HILL1	3	m	t	0.08	8.86	0.07	0.8188
76	HILL1	2	f	t	0.00	7.71	0.22	1.0000
Subtotal 76					0.04	16.57	0.29	
77	HILL2	1	m	t	0.37	8.81	0.37	0.2702
77	HILL2	3	f	t	0.32	12.07	0.29	0.2631
Subtotal 77					0.34	20.88	0.66	
78	LOPEZC	1	c	t	-0.01	0.78	0.02	0.9950
79	ASOMAN	4	c	t	-0.08	5.19	0.31	0.8609
80	GALLEG	1	c	t	2.08	1.77	6.47	0.0057
81	KURAHA	10	f	t	0.23	16.80	0.07	0.3436
83	YANG	2	c	t	0.69	21.97	6.07	0.0012

 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

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), 17-NOV-15
 Both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
85	TSE	10	m	t	-0.11	18.73	1.39	0.6484
86	LIANG	2	f	t	0.37	30.07	1.23	0.0426
87	BRENNE	13	c	t	-0.92	25.66	30.29	0.0000
88	JIANG	1	c	t	0.82	10.29	4.36	0.0086
90	KIYOHA	1	c	t	0.00	20.19	0.53	0.9823
91	HE	2	m	t	0.62	1.90	0.39	0.3923
91	HE	4	f	t	0.73	0.80	0.25	0.5148
Subtotal 91					0.65	2.70	0.64	
92	LIM	1	f	t	0.12	80.68	0.21	0.2971
93	LIN	7	f	t	0.92	22.79	12.82	0.0000
95	ALZOUG	3	c	t	-0.94	6.38	7.84	0.0174
96	GELAC	31	m	t	1.65	0.42	0.92	0.2869
96	GELAC	27	f	t	0.26	119.55	1.08	0.0041
Subtotal 96					0.27	119.97	1.99	
97	MASJED	5	m	t	-0.36	0.44	0.12	0.8113
97	MASJED	6	f	t	0.70	8.08	2.26	0.0476
Subtotal 97					0.64	8.52	2.39	
98	REN	2	f	t	0.18	101.81	0.02	0.0658
99	SEKI	7	m	t	0.25	2.16	0.02	0.7085
99	SEKI	20	f	t	0.27	50.36	0.53	0.0553
Subtotal 99					0.27	52.52	0.55	
100	WHIOS	1	f	t	-0.13	13.87	1.21	0.6341
101	ILCCO	16	c	t	0.18	330.23	0.07	0.0009
102	TORRES	2	c	t	-0.34	25.08	6.52	0.0863

Relative risks

N	119
NS	95
Wt	2359.44
Het Chi	214.72
Het df	118
Het P	***
Fixed RR	1.18
RRl	1.14
RRu	1.23
P	+++
Random RR	1.21
RRl	1.14
RRu	1.29
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

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Table 26
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 Overall analysis - unadjusted

Overall		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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	SCHOEN	2	f -	-	-	-	1.07 (0.70- 1.64)
26	SVENSS	1	f 24	114	10	60	1.26 (0.57- 2.81)
27	JANERI	4	c -	-	-	-	0.75 (0.48- 1.18)
28	KALAND	2	f 64	70	26	46	1.62 (0.90- 2.91)
29	SOBUE	1	f 80	395	64	336	1.06 (0.74- 1.52)
30	WU-WIL	3	f205	331	212	271	0.79 (0.62- 1.02)
31	LIUZ	1	f 45	176	9	26	0.74 (0.32- 1.69)
32	BROWN2	3	f218	598	213	568	0.97 (0.78- 1.21)
33	STOCKW	2	f 44	55	18	36	1.60 (0.80- 3.19)
34	DU	1	f 47	154	28	100	1.09 (0.64- 1.85)
35	LIUQ	1	f 25	37	13	32	1.66 (0.73- 3.78)
36	FONTHA	5	f433	766	218	487	1.26 (1.04- 1.54)
37	LAYARD	1	m 6	215	15	783	1.46 (0.56- 3.80)
37	LAYARD	3	f 15	961	24	969	0.63 (0.33- 1.21)
Subtotal 37							0.82 (0.48- 1.41)
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84- 7.85)
39	KABAT2	3	m 11	19	28	79	1.63 (0.69- 3.85)
39	KABAT2	5	f 41	102	26	71	1.10 (0.62- 1.96)
Subtotal 39							1.24 (0.77- 2.01)
40	SCHWAR	7	c172	175	85	102	1.18 (0.83- 1.68)
41	SUN	11	f144	136	86	94	1.16 (0.80- 1.68)
42	WANGS	1	f 67	60	15	34	2.53 (1.26- 5.10)
43	WANGT	2	f 92	89	43	46	1.11 (0.67- 1.84)
44	CARDEN	11	m 18	19549	79	76993	0.90 (0.54- 1.50)
44	CARDEN	9	f 96	114286	54	77948	1.21 (0.87- 1.69)

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Table 26
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 Overall analysis - unadjusted

Overall			Numbers exposed		Non-exposed			95.00%CI	
StN	Ref	NRR	Case	Cont	Case	Cont	RR		
Subtotal 44							1.11	(0.84-	1.47)
45	ZHENG	1	m 8	12	17	17	0.67	(0.22-	2.04)
45	ZHENG	2	f 62	179	7	51	2.52	(1.09-	5.85)
Subtotal 45							1.56	(0.80-	3.06)
46	AUVINE	1	m 17	81	27	148	1.15	(0.59-	2.24)
47	BOFFET	6	m 23	68	118	462	1.32	(0.79-	2.21)
47	BOFFET	8	f321	632	187	376	1.02	(0.82-	1.27)
Subtotal 47							1.06	(0.87-	1.30)
48	SHEN	1	f 56	59	14	11	0.75	(0.31-	1.78)
49	ZARIDZ	3	f109	163	80	195	1.63	(1.14-	2.33)
50	BOFFE2	11	c 33	75	37	103	1.22	(0.70-	2.14)
51	JEE	3	f 67	-	12	-	1.80	(0.98-	3.30)
52	RAPITI	1	f 13	21	28	46	1.02	(0.44-	2.35)
53	SPEIZE	1	f -	-	-	-	1.50	(0.30-	6.30)
54	ZHONG	1	f322	377	182	224	1.05	(0.82-	1.34)
55	LEECH	7	f186	253	82	192	1.72	(1.25-	2.37)
56	MALATS	11	c 58	42	64	79	1.70	(1.02-	2.86)
57	WANGL	33	m 14	57	19	57	0.74	(0.34-	1.61)
57	WANGL	35	f169	337	31	70	1.13	(0.71-	1.80)
Subtotal 57							1.01	(0.68-	1.51)
58	JOHNSO	7	f 54	543	17	218	1.28	(0.72-	2.25)
59	LAGARD	5	c179	611	254	997	1.15	(0.93-	1.43)
60	NISHIN	1	f 11	30566	13	43361	1.20	(0.54-	2.68)
61	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)
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	13	m 36	25	27	25	1.33	(0.63-	2.81)
70	GORLOV	14	f 92	89	38	48	1.31	(0.78-	2.19)
Subtotal 70							1.31	(0.86-	2.01)
72	RYLAND	3	c -	-	-	-	1.37	(0.72-	2.61)
73	WEN	1	f -	-	-	-	1.09	(0.74-	1.61)
74	YU	8	f183	246	30	46	1.14	(0.69-	1.88)
76	HILL1	1	m -	-	-	-	0.97	(0.53-	1.77)
76	HILL1	2	f -	-	-	-	1.00	(0.49-	2.01)
Subtotal 76							0.98	(0.62-	1.55)
77	HILL2	1	m -	-	-	-	1.45	(0.75-	2.81)
77	HILL2	2	f -	-	-	-	1.16	(0.70-	1.92)
Subtotal 77							1.26	(0.84-	1.88)
78	LOPEZC	1	c 35	141	1	4	0.99	(0.11-	9.16)
79	ASOMAN	4	c 25	96	9	32	0.93	(0.39-	2.19)
80	GALLEG	1	c 30	90	2	48	8.00	(1.83-	34.92)
81	KURAHA	9	f 84	280346	25	97466	1.17	(0.75-	1.83)
83	YANG	9	c198	173	99	135	1.56	(1.12-	2.17)
85	TSE	1	m 47	194	85	342	0.97	(0.66-	1.45)
86	LIANG	2	f141	149	85	130	1.45	(1.01-	2.07)
87	BRENNE	13	c 50	247	101	199	0.40	(0.27-	0.59)
88	JIANG	8	m 23	10	24	37	3.55	(1.44-	8.75)
88	JIANG	9	f 67	48	31	50	2.25	(1.26-	4.03)
Subtotal 88							2.57	(1.58-	4.19)
90	KIYOHA	1	c 99	135	54	74	1.00	(0.65-	1.55)
91	HE	1	m 7	271	3	168	1.45	(0.38-	5.52)
91	HE	3	f 5	340	1	131	1.93	(0.23-	16.33)
Subtotal 91							1.57	(0.50-	4.88)
92	LIM	1	f200	602	226	764	1.12	(0.90-	1.40)
93	LIN	1	f135	92	91	177	2.85	(1.98-	4.12)
95	ALZOUG	33	c 10	174	34	262	0.44	(0.21-	0.92)

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Table 26
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
96	GELAC	31	m 2	0	299	312	5.22~(	0.25- 109.12)
96	GELAC	19	f571	461	601	711	1.47 (	1.24- 1.73)
Subtotal 96							1.47 (	1.25- 1.73)
97	MASJED	5	m 0	4	26	166	0.70~(	0.04- 13.34)
97	MASJED	6	f 21	28	34	91	2.01 (	1.01- 4.00)
Subtotal 97							1.90 (	0.97- 3.72)
98	REN	1	f551	684	213	299	1.13 (	0.92- 1.39)
99	SEKI	3	m 3	22	67	578	1.18 (	0.34- 4.03)
99	SEKI	11	f193	1170	99	640	1.07 (	0.82- 1.38)
Subtotal 99							1.07 (	0.83- 1.38)
100	WHIOS	1	f -	-	-	-	0.88 (	0.52- 1.49)
101	ILCCO	11	1228	3366	1061	3575	1.23 (	1.12- 1.35)
102	TORRES	1	c 81	148	111	180	0.89 (	0.62- 1.27)
Partial Totals			9211	642260	7006	482778		

*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
1	GARFI1	1	f	t	0.16	37.42	0.04	0.3420
2	CHAN	1	f	t	-0.28	12.78	2.88	0.3086
3	CORREA	1	m	t	0.68	1.41	0.34	0.4200
3	CORREA	2	f	t	0.73	4.41	1.26	0.1276
Subtotal 3					0.71	5.82	1.60	
4	TRICHO	1	f	y	0.73	12.77	3.72	0.0091
5	BUFFLE	1	m	t	-0.68	2.42	1.83	0.2896
5	BUFFLE	2	f	t	-0.22	5.19	0.86	0.6209
Subtotal 5					-0.36	7.61	2.69	
6	HIRAYA	1	m	t	0.85	6.28	2.75	0.0328
6	HIRAYA	7	f	t	0.33	30.21	0.56	0.0734
Subtotal 6					0.42	36.48	3.31	
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	0.60	
8	GARFI2	3	f	t	0.21	22.25	0.01	0.3229
9	LAMW	1	f	a	0.70	10.14	2.62	0.0261
10	WU	2	f	a	0.34	4.18	0.10	0.4850
11	AKIBA	1	m	t	0.74	1.93	0.59	0.3008
11	AKIBA	3	f	t	0.42	12.69	0.65	0.1382
Subtotal 11					0.46	14.62	1.24	
12	LEE	3	m	t	0.27	2.49	0.01	0.6735
12	LEE	5	f	t	0.03	4.64	0.12	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	2.70	0.0580
15	HUMBL1	3	f	t	0.85	3.43	1.50	0.1154
Subtotal 15					1.05	5.18	4.20	
16	KOO	2	f	t	0.44	12.88	0.78	0.1182
17	LAMT	1	f	t	0.50	30.63	2.94	0.0057
18	PERSHA	1	f	t	0.03	14.09	0.35	0.9022
19	BUTLER	1	f	t	0.89	1.88	0.93	0.2215
20	GENG	1	f	t	0.77	8.13	2.72	0.0285
21	INOUE	1	f	t	0.94	2.51	1.40	0.1377
22	SHIMIZ	2	f	t	0.08	14.20	0.17	0.7646
23	CHOI	1	m	t	1.00	1.30	0.86	0.2525
23	CHOI	2	f	t	0.49	11.99	1.06	0.0916
Subtotal 23					0.54	13.29	1.92	
24	HOLE	1	m	t	1.26	0.67	0.77	0.3028
24	HOLE	2	f	t	0.64	0.84	0.17	0.5613
Subtotal 24					0.91	1.50	0.93	
25	SCHOEN	2	f	t	0.07	21.00	0.31	0.7533
26	SVENSS	1	f	t	0.23	5.98	0.01	0.5677
27	JANERI	4	c	t	-0.29	18.99	4.33	0.2099
28	KALAND	2	f	t	0.48	11.10	0.94	0.1091
29	SOBUE	1	f	t	0.06	29.73	0.49	0.7379
30	WU-WIL	3	f	t	-0.23	61.33	11.00	0.0674

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Table 26
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
31	LIUZ	1	f	t	-0.30	5.63	1.37	0.4721
32	BROWN2	3	f	t	-0.03	78.65	3.75	0.8021
33	STOCKW	2	f	t	0.47	8.05	0.63	0.1824
34	DU	1	f	t	0.09	13.61	0.15	0.7506
35	LIUQ	1	f	t	0.51	5.71	0.58	0.2242
36	FONTHA	5	f	t	0.23	97.51	0.18	0.0212
37	LAYARD	1	m	t	0.38	4.18	0.14	0.4418
37	LAYARD	3	f	t	-0.46	9.06	3.85	0.1647
Subtotal 37					-0.20	13.24	3.99	
38	DEWAAR	1	f	t	0.94	3.07	1.74	0.0986
39	KABAT2	3	m	t	0.49	5.21	0.47	0.2627
39	KABAT2	5	f	t	0.09	11.53	0.11	0.7517
Subtotal 39					0.22	16.74	0.58	
40	SCHWAR	7	c	t	0.17	30.21	0.02	0.3643
41	SUN	11	f	t	0.15	27.35	0.05	0.4448
42	WANGS	1	f	t	0.93	7.83	4.27	0.0093
43	WANGT	2	f	t	0.10	14.90	0.12	0.6978
44	CARDEN	11	m	t	-0.11	14.67	1.31	0.6783
44	CARDEN	9	f	t	0.19	34.59	0.00	0.2571
Subtotal 44					0.10	49.26	1.31	
45	ZHENG	1	m	t	-0.41	3.07	1.09	0.4776
45	ZHENG	2	f	t	0.93	5.43	2.94	0.0310
Subtotal 45					0.45	8.50	4.03	
46	AUVINE	1	m	t	0.14	8.70	0.02	0.6794
47	BOFFET	6	m	t	0.28	14.53	0.12	0.2843
47	BOFFET	8	f	t	0.02	78.71	2.25	0.8520
Subtotal 47					0.06	93.24	2.37	
48	SHEN	1	f	a	-0.29	5.07	1.18	0.5088
49	ZARIDZ	3	f	t	0.49	30.36	2.71	0.0071
50	BOFFE2	11	c	a	0.20	12.44	0.00	0.4743
51	JEE	3	f	t	0.59	10.42	1.65	0.0577
52	RAPITI	1	f	t	0.02	5.49	0.16	0.9685
53	SPEIZE	1	f	t	0.41	1.66	0.08	0.6016
54	ZHONG	1	f	t	0.05	63.63	1.25	0.6903
55	LEECH	7	f	t	0.54	37.41	4.67	0.0009
56	MALATS	11	c	t	0.53	14.42	1.70	0.0428
57	WANGL	33	m	t	-0.31	6.28	1.54	0.4440
57	WANGL	35	f	t	0.12	18.04	0.08	0.5975
Subtotal 57					0.01	24.32	1.62	
58	JOHNSO	7	f	t	0.24	11.94	0.03	0.4008
59	LAGARD	5	c	t	0.14	82.21	0.21	0.2052
60	NISHIN	1	f	t	0.18	5.96	0.00	0.6557
61	OHNO	5	f	t	0.01	23.97	0.81	0.9743
63	ENSTRO	3	m	t	-0.29	11.27	2.57	0.3341
63	ENSTRO	9	f	t	-0.01	37.13	1.49	0.9512
Subtotal 63					-0.07	48.40	4.06	
64	ZATLOU	3	f	g	-0.84	6.11	6.52	0.0372
65	IARCKR	3	m	t	-0.92	1.33	1.63	0.2910
65	IARCKR	1	f	t	-0.11	21.40	1.87	0.6259
Subtotal 65					-0.15	22.73	3.49	
66	MCGHEE	5	m	t	0.36	17.79	0.54	0.1240
66	MCGHEE	6	f	t	0.41	29.19	1.39	0.0276
Subtotal 66					0.39	46.98	1.93	
67	EPICA	7	c	t	-0.17	5.93	0.79	0.6711
68	FANG	1	f	t	1.01	22.75	15.22	0.0000
69	FRANCO	1	c	t	0.59	15.26	2.42	0.0216
70	GORLOV	13	m	t	0.29	6.91	0.07	0.4497
70	GORLOV	14	f	t	0.27	14.44	0.09	0.3107
Subtotal 70					0.27	21.34	0.15	
72	RYLAND	3	c	t	0.31	9.26	0.14	0.3380
73	WEN	1	f	t	0.09	25.43	0.27	0.6639
74	YU	8	f	t	0.13	15.48	0.05	0.6046
76	HILL1	1	m	t	-0.03	10.57	0.51	0.9211
76	HILL1	2	f	t	0.00	7.71	0.28	1.0000
Subtotal 76					-0.02	18.28	0.79	
77	HILL2	1	m	t	0.37	8.81	0.29	0.2702
77	HILL2	2	f	t	0.15	15.09	0.03	0.5642

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 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
Subtotal 77					0.23	23.90	0.32	
78	LOPEZC	1	c	t	-0.01	0.78	0.03	0.9950
79	ASOMAN	4	c	t	-0.08	5.19	0.37	0.8609
80	GALLEG	1	c	t	2.08	1.77	6.32	0.0057
81	KURAHA	9	f	t	0.16	19.27	0.02	0.4951
83	YANG	9	c	t	0.45	35.29	2.30	0.0082
85	TSE	1	m	t	-0.03	24.32	1.13	0.8997
86	LIANG	2	f	t	0.37	30.07	0.97	0.0426
87	BRENNE	13	c	t	-0.92	25.66	31.56	0.0000
88	JIANG	8	m	t	1.27	4.71	5.45	0.0060
88	JIANG	9	f	t	0.81	11.36	4.39	0.0062
Subtotal 88					0.94	16.07	9.84	
90	KIYOHA	1	c	t	0.00	20.19	0.69	0.9823
91	HE	1	m	t	0.37	2.14	0.07	0.5889
91	HE	3	f	t	0.66	0.84	0.18	0.5477
Subtotal 91					0.45	2.98	0.25	
92	LIM	1	f	t	0.12	80.68	0.44	0.2971
93	LIN	1	f	t	1.05	28.64	21.12	0.0000
95	ALZOUG	33	c	t	-0.81	7.20	7.26	0.0289
96	GELAC	31	m	t	1.65	0.42	0.89	0.2869
96	GELAC	19	f	t	0.38	143.04	5.28	0.0000
Subtotal 96					0.39	143.46	6.17	
97	MASJED	5	m	t	-0.36	0.44	0.13	0.8113
97	MASJED	6	f	t	0.70	8.08	2.08	0.0476
Subtotal 97					0.64	8.52	2.21	
98	REN	1	f	t	0.12	88.37	0.40	0.2479
99	SEKI	3	m	t	0.16	2.53	0.00	0.7961
99	SEKI	11	f	t	0.06	56.50	0.89	0.6290
Subtotal 99					0.07	59.03	0.89	
100	WHIOS	1	f	t	-0.13	13.87	1.40	0.6341
101	ILCCO	11	c	t	0.21	428.51	0.12	0.0000
102	TORRES	1	c	t	-0.12	29.70	2.84	0.5154

Relative risks

	N	121
	NS	95
	Wt	2620.43
Het	Chi	226.20
Het	df	120
Het	P	***
Fixed	RR	1.21
	RRl	1.16
	RRu	1.26
	P	+++
Random	RR	1.23
	RRl	1.15
	RRu	1.31
	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

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Table 27
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By continent - adjusted

NAmerica			Numbers exposed Non-exposed				RR	95.00%CI
StN	Ref	NRR	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)	
25	SCHOEN	2	f -	-	-	-	1.07 (0.70- 1.64)	
27	JANERI	4	c -	-	-	-	0.75 (0.48- 1.18)	
32	BROWN2	4	f -	-	-	-	1.00 (0.80- 1.20)	
33	STOCKW	3	f -	-	-	-	1.60 (0.80- 3.00)	
36	FONTHA	6	f -	-	-	-	1.29 (1.04- 1.60)	
37	LAYARD	2	m -	-	-	-	1.47 (0.55- 3.94)	
37	LAYARD	4	f -	-	-	-	0.58 (0.30- 1.13)	
Subtotal 37							0.78 (0.45- 1.34)	
39	KABAT2	4	m -	-	-	-	1.60 (0.67- 3.82)	
39	KABAT2	6	f -	-	-	-	1.08 (0.60- 1.94)	
Subtotal 39							1.22 (0.75- 1.99)	
40	SCHWAR	8	c -	-	-	-	1.10 (0.80- 1.60)	
44	CARDEN	12	m -	-	-	-	1.10 (0.60- 1.80)	
44	CARDEN	10	f -	-	-	-	1.20 (0.80- 1.60)	
Subtotal 44							1.17 (0.87- 1.57)	
53	SPEIZE	1	f -	-	-	-	1.50 (0.30- 6.30)	
58	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)	
79	ASOMAN	4	c 25	96	9	32	0.93 (0.39- 2.19)	
80	GALLEG	1	c 30	90	2	48	8.00 (1.83- 34.92)	
83	YANG	2	c -	-	-	-	2.00 (1.30- 3.00)	
87	BRENNE	13	c 50	247	101	199	0.40 (0.27- 0.59)	
95	ALZOUG	3	c -	-	-	-	0.39 (0.18- 0.85)	
100	WHIOS	1	f -	-	-	-	0.88 (0.52- 1.49)	
Partial Totals			356	95894	266	82595		

*prospective study

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Table 27
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By continent - adjusted

Europe

StN	Ref	NRR	Numbers 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)	
26	SVENSS	5	f -	-	-	-	1.36 (0.53- 3.49)	
28	KALAND	3	f -	-	-	-	2.11 (1.09- 4.08)	
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84- 7.85)	
46	AUVINE	2	m -	-	-	-	0.69 (0.28- 1.74)	
47	BOFFET	7	m -	-	-	-	1.47 (0.81- 2.66)	
47	BOFFET	9	f -	-	-	-	1.11 (0.88- 1.39)	
Subtotal 47							1.15 (0.93- 1.42)	
49	ZARIDZ	4	f -	-	-	-	1.53 (1.06- 2.21)	
50	BOFFE2	12	c -	-	-	-	1.00 (0.50- 1.80)	
56	MALATS	12	c -	-	-	-	1.50 (0.80- 2.60)	
59	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)	
72	RYLAND	3	c -	-	-	-	1.37 (0.72- 2.61)	
78	LOPEZC	1	c 35	141	1	4	0.99 (0.11- 9.16)	
102	TORRES	2	c -	-	-	-	0.71 (0.48- 1.05)	
Partial Totals			107	381	29	180		

*prospective study

Asia

StN	Ref	NRR	Numbers 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	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)	
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)	
29	SOBUE	2	f -	-	-	-	1.13 (0.78- 1.63)	
30	WU-WIL	4	f -	-	-	-	0.70 (0.60- 0.90)	
31	LIUZ	2	f -	-	-	-	0.77 (0.30- 1.96)	
34	DU	1	f 47	154	28	100	1.09 (0.64- 1.85)	
35	LIUQ	2	f -	-	-	-	1.72 (0.77- 3.87)	
41	SUN	2	f -	-	-	-	1.16 (0.80- 1.69)	
42	WANGS	1	f 67	60	15	34	2.53 (1.26- 5.10)	
43	WANGT	2	f 92	89	43	46	1.11 (0.67- 1.84)	
45	ZHENG	1	m 8	12	17	17	0.67 (0.22- 2.04)	
45	ZHENG	2	f 62	179	7	51	2.52 (1.09- 5.85)	
Subtotal 45							1.56 (0.80- 3.06)	
48	SHEN	1	f 56	59	14	11	0.75 (0.31- 1.78)	
51	JEE	4	f -	-	-	-	1.72 (0.93- 3.18)	
52	RAPITI	2	f -	-	-	-	1.20 (0.50- 2.90)	
54	ZHONG	2	f -	-	-	-	1.10 (0.80- 1.50)	
55	LEECH	8	f -	-	-	-	1.87 (1.29- 2.71)	
57	WANGL	34	m -	-	-	-	0.56 (0.20- 1.40)	
57	WANGL	36	f -	-	-	-	1.03 (0.60- 1.70)	
Subtotal 57							0.90 (0.57- 1.42)	

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Table 27
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By continent - adjusted

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
60	NISHIN	2	f -	-	-	-	1.80 (0.67-	4.60)
61	OHNO	6	f -	-	-	-	1.00 (0.67-	1.49)
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)
73	WEN	1	f -	-	-	-	1.09 (0.74-	1.61)
74	YU	1	f -	-	-	-	1.35 (0.70-	2.63)
81	KURAHA	10	f -	-	-	-	1.26 (0.78-	2.03)
85	TSE	10	m -	-	-	-	0.90 (0.57-	1.41)
86	LIANG	2	f141	149	85	130	1.45 (1.01-	2.07)
88	JIANG	1	c -	-	-	-	2.27 (1.23-	4.18)
90	KIYOHA	1	c 99	135	54	74	1.00 (0.65-	1.55)
91	HE	2	m -	-	-	-	1.86 (0.45-	7.73)
91	HE	4	f -	-	-	-	2.07 (0.23-	18.34)
Subtotal 91							1.92 (0.58-	6.33)
92	LIM	1	f200	602	226	764	1.12 (0.90-	1.40)
93	LIN	7	f -	-	-	-	2.50 (1.66-	3.77)
96	GELAC	31	m 2	0	299	312	5.22~(0.25-	109.12)
96	GELAC	27	f -	-	-	-	1.30 (1.09-	1.56)
Subtotal 96							1.31 (1.09-	1.56)
97	MASJED	5	m 0	4	26	166	0.70~(0.04-	13.34)
97	MASJED	6	f 21	28	34	91	2.01 (1.01-	4.00)
Subtotal 97							1.90 (0.97-	3.72)
98	REN	2	f -	-	-	-	1.20 (0.99-	1.46)
99	SEKI	7	m -	-	-	-	1.29 (0.34-	4.91)
99	SEKI	20	f -	-	-	-	1.31 (0.99-	1.72)
Subtotal 99							1.31 (1.00-	1.72)
Partial Totals			1118	1979	1100	2422		
*prospective study								

Other			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
76	HILL1	3	m -	-	-	-	1.08 (0.56-	2.09)
76	HILL1	2	f -	-	-	-	1.00 (0.49-	2.01)
Subtotal 76							1.04 (0.64-	1.69)
77	HILL2	1	m -	-	-	-	1.45 (0.75-	2.81)
77	HILL2	3	f -	-	-	-	1.38 (0.78-	2.41)
Subtotal 77							1.41 (0.92-	2.16)
101	ILCCO	16	c -	-	-	-	1.20 (1.08-	1.34)
Partial Totals			0	0	0	0		
*prospective study								

NAmerica Europe Asia Other Total

Relative risks

N	38	22	54	5	119
NS	29	19	44	3	95
Wt	577.65	323.09	1091.01	367.69	2359.44
Het Chi	78.19	30.66	97.41	0.90	214.72
Het df	37	21	53	4	118
Het P	***	(*)	***	N.S.	***
Fixed RR	1.08	1.15	1.24	1.20	1.18
RRl	1.00	1.03	1.17	1.09	1.14
RRu	1.17	1.28	1.32	1.33	1.23
P	(+)	+	+++	+++	+++
Random RR	1.09	1.16	1.31	1.20	1.21
RRl	0.95	1.00	1.20	1.09	1.14
RRu	1.26	1.35	1.44	1.33	1.29
P	N.S.	(+)	+++	+++	+++
Asymm P	N.S.	N.S.	*	N.S.	(*)
Between Chi		0.77	7.19	2.54	7.55
Between df		1	1	1	3
Between P		N.S.	++	N.S.	(*)

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Table 28
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By continent - unadjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)
25	SCHOEN	2	f -	-	-	-	1.07 (0.70-	1.64)
27	JANERI	4	c -	-	-	-	0.75 (0.48-	1.18)
32	BROWN2	3	f218	598	213	568	0.97 (0.78-	1.21)
33	STOCKW	2	f 44	55	18	36	1.60 (0.80-	3.19)
36	FONTHA	5	f433	766	218	487	1.26 (1.04-	1.54)
37	LAYARD	1	m 6	215	15	783	1.46 (0.56-	3.80)
37	LAYARD	3	f 15	961	24	969	0.63 (0.33-	1.21)
Subtotal 37							0.82 (0.48-	1.41)
39	KABAT2	3	m 11	19	28	79	1.63 (0.69-	3.85)
39	KABAT2	5	f 41	102	26	71	1.10 (0.62-	1.96)
Subtotal 39							1.24 (0.77-	2.01)
40	SCHWAR	7	c172	175	85	102	1.18 (0.83-	1.68)
44	CARDEN	11	m 18	19549	79	76993	0.90 (0.54-	1.50)
44	CARDEN	9	f 96	114286	54	77948	1.21 (0.87-	1.69)
Subtotal 44							1.11 (0.84-	1.47)
53	SPEIZE	1	f -	-	-	-	1.50 (0.30-	6.30)
58	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	13	m 36	25	27	25	1.33 (0.63-	2.81)
70	GORLOV	14	f 92	89	38	48	1.31 (0.78-	2.19)
Subtotal 70							1.31 (0.86-	2.01)
79	ASOMAN	4	c 25	96	9	32	0.93 (0.39-	2.19)
80	GALLEG	1	c 30	90	2	48	8.00 (1.83-	34.92)
83	YANG	9	c198	173	99	135	1.56 (1.12-	2.17)
87	BRENNE	13	c 50	247	101	199	0.40 (0.27-	0.59)
95	ALZOUG	33	c 10	174	34	262	0.44 (0.21-	0.92)
100	WHIOS	1	f -	-	-	-	0.88 (0.52-	1.49)
Partial Totals			1846	244371	1278	284597		

*prospective study

 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
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 Both sexes
 By continent - unadjusted

Europe

StN	Ref	NRR	Numbers 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)	
26	SVENSS	1	f 24	114	10	60	1.26 (0.57- 2.81)	
28	KALAND	2	f 64	70	26	46	1.62 (0.90- 2.91)	
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84- 7.85)	
46	AUVINE	1	m 17	81	27	148	1.15 (0.59- 2.24)	
47	BOFFET	6	m 23	68	118	462	1.32 (0.79- 2.21)	
47	BOFFET	8	f321	632	187	376	1.02 (0.82- 1.27)	
Subtotal 47							1.06 (0.87- 1.30)	
49	ZARIDZ	3	f109	163	80	195	1.63 (1.14- 2.33)	
50	BOFFE2	11	c 33	75	37	103	1.22 (0.70- 2.14)	
56	MALATS	11	c 58	42	64	79	1.70 (1.02- 2.86)	
59	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)	
72	RYLAND	3	c -	-	-	-	1.37 (0.72- 2.61)	
78	LOPEZC	1	c 35	141	1	4	0.99 (0.11- 9.16)	
102	TORRES	1	c 81	148	111	180	0.89 (0.62- 1.27)	
Partial Totals			1097	4290	1072	4655		

*prospective study

Asia

StN	Ref	NRR	Numbers 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)	
29	SOBUE	1	f 80	395	64	336	1.06 (0.74- 1.52)	
30	WU-WIL	3	f205	331	212	271	0.79 (0.62- 1.02)	
31	LIUZ	1	f 45	176	9	26	0.74 (0.32- 1.69)	
34	DU	1	f 47	154	28	100	1.09 (0.64- 1.85)	
35	LIUQ	1	f 25	37	13	32	1.66 (0.73- 3.78)	
41	SUN	11	f144	136	86	94	1.16 (0.80- 1.68)	
42	WANGS	1	f 67	60	15	34	2.53 (1.26- 5.10)	
43	WANGT	2	f 92	89	43	46	1.11 (0.67- 1.84)	
45	ZHENG	1	m 8	12	17	17	0.67 (0.22- 2.04)	
45	ZHENG	2	f 62	179	7	51	2.52 (1.09- 5.85)	
Subtotal 45							1.56 (0.80- 3.06)	
48	SHEN	1	f 56	59	14	11	0.75 (0.31- 1.78)	
51	JEE	3	f 67	-	12	-	1.80 (0.98- 3.30)	
52	RAPITI	1	f 13	21	28	46	1.02 (0.44- 2.35)	
54	ZHONG	1	f322	377	182	224	1.05 (0.82- 1.34)	
55	LEECH	7	f186	253	82	192	1.72 (1.25- 2.37)	
57	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 28
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By continent - unadjusted

Asia									
StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
57	WANGL	35	f169	337	31	70	1.13	(0.71-	1.80)
Subtotal 57							1.01	(0.68-	1.51)
60	NISHIN	1	f 11	30566	13	43361	1.20	(0.54-	2.68)
61	OHNO	5	f139	239	52	90	1.01	(0.67-	1.50)
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)
73	WEN	1	f -	-	-	-	1.09	(0.74-	1.61)
74	YU	8	f183	246	30	46	1.14	(0.69-	1.88)
81	KURAHA	9	f 84	280346	25	97466	1.17	(0.75-	1.83)
85	TSE	1	m 47	194	85	342	0.97	(0.66-	1.45)
86	LIANG	2	f141	149	85	130	1.45	(1.01-	2.07)
88	JIANG	8	m 23	10	24	37	3.55	(1.44-	8.75)
88	JIANG	9	f 67	48	31	50	2.25	(1.26-	4.03)
Subtotal 88							2.57	(1.58-	4.19)
90	KIYOHA	1	c 99	135	54	74	1.00	(0.65-	1.55)
91	HE	1	m 7	271	3	168	1.45	(0.38-	5.52)
91	HE	3	f 5	340	1	131	1.93	(0.23-	16.33)
Subtotal 91							1.57	(0.50-	4.88)
92	LIM	1	f200	602	226	764	1.12	(0.90-	1.40)
93	LIN	1	f135	92	91	177	2.85	(1.98-	4.12)
96	GELAC	31	m 2	0	299	312	5.22~	(0.25-	109.12)
96	GELAC	19	f571	461	601	711	1.47	(1.24-	1.73)
Subtotal 96							1.47	(1.25-	1.73)
97	MASJED	5	m 0	4	26	166	0.70~	(0.04-	13.34)
97	MASJED	6	f 21	28	34	91	2.01	(1.01-	4.00)
Subtotal 97							1.90	(0.97-	3.72)
98	REN	1	f551	684	213	299	1.13	(0.92-	1.39)
99	SEKI	3	m 3	22	67	578	1.18	(0.34-	4.03)
99	SEKI	11	f193	1170	99	640	1.07	(0.82-	1.38)
Subtotal 99							1.07	(0.83-	1.38)
Partial Totals			5040	390233	3595	189951			

*prospective study

Other									
StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
76	HILL1	1	m -	-	-	-	0.97	(0.53-	1.77)
76	HILL1	2	f -	-	-	-	1.00	(0.49-	2.01)
Subtotal 76							0.98	(0.62-	1.55)
77	HILL2	1	m -	-	-	-	1.45	(0.75-	2.81)
77	HILL2	2	f -	-	-	-	1.16	(0.70-	1.92)
Subtotal 77							1.26	(0.84-	1.88)
101	ILCCO	11	1228	3366	1061	3575	1.23	(1.12-	1.35)
Partial Totals			1228	3366	1061	3575			

*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), 17-NOV-15
 Both sexes

	By continent - unadjusted				
	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	38	23	55	5	121
NS	29	19	44	3	95
Wt	612.05	371.55	1166.14	470.69	2620.43
Het Chi	75.08	27.98	110.39	1.19	226.20
Het df	37	22	54	4	120
Het P	***	N.S.	***	N.S.	***
Fixed RR	1.09	1.16	1.29	1.22	1.21
RRl	1.01	1.05	1.22	1.11	1.16
RRu	1.18	1.28	1.36	1.34	1.26
P	+	++	+++	+++	+++
Random RR	1.10	1.18	1.33	1.22	1.23
RRl	0.97	1.04	1.21	1.11	1.15
RRu	1.26	1.34	1.46	1.34	1.31
P	N.S.	+	+++	+++	+++
Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.
Between Chi		0.79	10.78	3.22	11.57
Between df		1	1	1	3
Between 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 : 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 29
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By country within Asia - adjusted

Japan								
StN	Ref	NRR	Numbers 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)
29	SOBUE	2	f -	-	-	-	1.13 (	0.78- 1.63)
60	NISHIN	2	f -	-	-	-	1.80 (	0.67- 4.60)
61	OHNO	6	f -	-	-	-	1.00 (	0.67- 1.49)
81	KURAHA	10	f -	-	-	-	1.26 (	0.78- 2.03)
90	KIYOHA	1	c 99	135	54	74	1.00 (	0.65- 1.55)
99	SEKI	7	m -	-	-	-	1.29 (	0.34- 4.91)
99	SEKI	20	f -	-	-	-	1.31 (	0.99- 1.72)
Subtotal 99							1.31 (	1.00- 1.72)
Partial Totals			151	226	92	146		

*prospective study

HongKong								
StN	Ref	NRR	Numbers 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)
74	YU	1	f -	-	-	-	1.35 (	0.70- 2.63)
85	TSE	10	m -	-	-	-	0.90 (	0.57- 1.41)
Partial Totals			186	282	157	336		

*prospective study

China								
StN	Ref	NRR	Numbers 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)
30	WU-WIL	4	f -	-	-	-	0.70 (	0.60- 0.90)
31	LIUZ	2	f -	-	-	-	0.77 (	0.30- 1.96)
34	DU	1	f 47	154	28	100	1.09 (	0.64- 1.85)
35	LIUQ	2	f -	-	-	-	1.72 (	0.77- 3.87)
41	SUN	2	f -	-	-	-	1.16 (	0.80- 1.69)
42	WANGS	1	f 67	60	15	34	2.53 (	1.26- 5.10)
43	WANGT	2	f 92	89	43	46	1.11 (	0.67- 1.84)
45	ZHENG	1	m 8	12	17	17	0.67 (	0.22- 2.04)
45	ZHENG	2	f 62	179	7	51	2.52 (	1.09- 5.85)
Subtotal 45							1.56 (	0.80- 3.06)
48	SHEN	1	f 56	59	14	11	0.75 (	0.31- 1.78)
54	ZHONG	2	f -	-	-	-	1.10 (	0.80- 1.50)
57	WANGL	34	m -	-	-	-	0.56 (	0.20- 1.40)
57	WANGL	36	f -	-	-	-	1.03 (	0.60- 1.70)
Subtotal 57							0.90 (	0.57- 1.42)
68	FANG	2	f -	-	-	-	1.77 (	1.07- 2.92)
73	WEN	1	f -	-	-	-	1.09 (	0.74- 1.61)
86	LIANG	2	f 141	149	85	130	1.45 (	1.01- 2.07)
88	JIANG	1	c -	-	-	-	2.27 (	1.23- 4.18)
91	HE	2	m -	-	-	-	1.86 (	0.45- 7.73)
91	HE	4	f -	-	-	-	2.07 (	0.23- 18.34)
Subtotal 91							1.92 (	0.58- 6.33)
93	LIN	7	f -	-	-	-	2.50 (	1.66- 3.77)
98	REN	2	f -	-	-	-	1.20 (	0.99- 1.46)
Partial Totals			507	743	229	441		

*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), 17-NOV-15
 Both sexes
 By country within Asia - adjusted

Other		Numbers exposed				Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)	
51	JEE	4	f -	-	-	-	1.72 (0.93-	3.18)	
52	RAPITI	2	f -	-	-	-	1.20 (0.50-	2.90)	
55	LEECH	8	f -	-	-	-	1.87 (1.29-	2.71)	
92	LIM	1	f200	602	226	764	1.12 (0.90-	1.40)	
96	GELAC	31	m 2	0	299	312	5.22~(0.25-	109.12)	
96	GELAC	27	f -	-	-	-	1.30 (1.09-	1.56)	
Subtotal 96							1.31 (1.09-	1.56)	
97	MASJED	5	m 0	4	26	166	0.70~(0.04-	13.34)	
97	MASJED	6	f 21	28	34	91	2.01 (1.01-	4.00)	
Subtotal 97							1.90 (0.97-	3.72)	
Partial Totals			274	728	622	1499			

*prospective study

		Japan	HongKong	China	Other	Total
Relative risks						
	N	13	8	23	10	54
	NS	10	7	20	7	44
	Wt	214.58	132.37	478.58	265.49	1091.01
	Het Chi	7.94	10.61	64.68	9.80	97.41
	Het df	12	7	22	9	53
	Het P	N.S.	N.S.	***	N.S.	***
Fixed	RR	1.26	1.32	1.16	1.34	1.24
	RRl	1.11	1.12	1.06	1.19	1.17
	RRu	1.45	1.57	1.27	1.51	1.32
	P	+++	++	++	+++	+++
Random	RR	1.26	1.31	1.29	1.37	1.31
	RRl	1.11	1.06	1.08	1.19	1.20
	RRu	1.45	1.63	1.54	1.57	1.44
	P	+++	+	++	+++	+++
Asymm	P	N.S.	N.S.	N.S.	N.S.	*
Between	Chi		0.17	1.09	0.41	4.39
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 30
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By region within Europe - adjusted

Western

StN	Ref	NRR	Numbers 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								
18	PERSHA	2	f	-	-	-	1.11 (0.51- 2.40)	
24	HOLE	3	c	-	-	-	1.20 (0.70- 2.10)	
26	SVENSS	5	f	-	-	-	2.41 (0.45- 12.83)	
46	AUVINE	2	m	-	-	-	1.36 (0.53- 3.49)	
47	BOFFET	7	m	-	-	-	0.69 (0.28- 1.74)	
47	BOFFET	9	f	-	-	-	1.47 (0.81- 2.66)	
Subtotal 47								
59	LAGARD	6	c	-	-	-	1.11 (0.88- 1.39)	
65	IARCKR	3	m	-	-	-	1.15 (0.93- 1.42)	
65	IARCKR	2	f	-	-	-	1.15 (0.91- 1.45)	
Subtotal 65								
67	EPICA	7	c	-	-	-	0.40 (0.10- 3.00)	
72	RYLAND	3	c	-	-	-	0.80 (0.50- 1.30)	
78	LOPEZC	1	c	35	141	1	4	0.76 (0.48- 1.20)
102	TORRES	2	c	-	-	-	-	0.84 (0.38- 1.90)
Partial Totals								
			35	141	1	4	0.99 (0.11- 9.16)	
*prospective study								

Other

StN	Ref	NRR	Numbers 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)
28	KALAND	3	f	-	-	-	-	2.11 (1.09- 4.08)
38	DEWAAR	1	f	19	124	4	67	2.57 (0.84- 7.85)
49	ZARIDZ	4	f	-	-	-	-	1.53 (1.06- 2.21)
50	BOFFE2	12	c	-	-	-	-	1.00 (0.50- 1.80)
56	MALATS	12	c	-	-	-	-	1.50 (0.80- 2.60)
64	ZATLOU	6	f	-	-	-	-	0.48 (0.21- 1.09)
Partial Totals								
			72	240	28	176		
*prospective study								

Western Other Total

Relative risks

N	15	7	22
NS	12	7	19
Wt	243.88	79.21	323.09
Het Chi	11.70	12.15	30.66
Het df	14	6	21
Het P	N.S.	(*)	(*)
Fixed RR	1.06	1.48	1.15
RRl	0.93	1.19	1.03
RRu	1.20	1.85	1.28
P	N.S.	+++	+
Random RR	1.06	1.45	1.16
RRl	0.93	1.03	1.00
RRu	1.20	2.02	1.35
P	N.S.	+	(+)
Asymm P	N.S.	N.S.	N.S.
Between Chi		6.80	6.80
Between df		1	1
Between 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 31
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By publication year (4 groups) - adjusted

1981-89

StN	Ref	NRR	Numbers 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	SCHOEN	2	f -	-	-	-	1.07 (0.70-	1.64)
26	SVENSS	5	f -	-	-	-	1.36 (0.53-	3.49)
Partial Totals			627	96085	430	83051		

*prospective study

1990-99

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
27	JANERI	4	c -	-	-	-	0.75 (0.48-	1.18)
28	KALAND	3	f -	-	-	-	2.11 (1.09-	4.08)
29	SOBUE	2	f -	-	-	-	1.13 (0.78-	1.63)
30	WU-WIL	4	f -	-	-	-	0.70 (0.60-	0.90)
31	LIUZ	2	f -	-	-	-	0.77 (0.30-	1.96)
32	BROWN2	4	f -	-	-	-	1.00 (0.80-	1.20)
33	STOCKW	3	f -	-	-	-	1.60 (0.80-	3.00)
34	DU	1	f 47	154	28	100	1.09 (0.64-	1.85)
35	LIUQ	2	f -	-	-	-	1.72 (0.77-	3.87)
36	FONTHA	6	f -	-	-	-	1.29 (1.04-	1.60)
37	LAYARD	2	m -	-	-	-	1.47 (0.55-	3.94)
37	LAYARD	4	f -	-	-	-	0.58 (0.30-	1.13)
Subtotal 37							0.78 (0.45-	1.34)
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84-	7.85)
39	KABAT2	4	m -	-	-	-	1.60 (0.67-	3.82)
39	KABAT2	6	f -	-	-	-	1.08 (0.60-	1.94)
Subtotal 39							1.22 (0.75-	1.99)
40	SCHWAR	8	c -	-	-	-	1.10 (0.80-	1.60)
41	SUN	2	f -	-	-	-	1.16 (0.80-	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 31
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By publication year (4 groups) - adjusted

1990-99

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

*prospective study

2000-09

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
55	LEECH	8	f -	-	-	-	1.87	(1.29- 2.71)
56	MALATS	12	c -	-	-	-	1.50	(0.80- 2.60)
57	WANGL	34	m -	-	-	-	0.56	(0.20- 1.40)
57	WANGL	36	f -	-	-	-	1.03	(0.60- 1.70)
Subtotal 57							0.90	(0.57- 1.42)
58	JOHNSO	8	f -	-	-	-	1.20	(0.62- 2.30)
59	LAGARD	6	c -	-	-	-	1.15	(0.91- 1.45)
60	NISHIN	2	f -	-	-	-	1.80	(0.67- 4.60)
61	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)
72	RYLAND	3	c -	-	-	-	1.37	(0.72- 2.61)
73	WEN	1	f -	-	-	-	1.09	(0.74- 1.61)
74	YU	1	f -	-	-	-	1.35	(0.70- 2.63)
76	HILL1	3	m -	-	-	-	1.08	(0.56- 2.09)
76	HILL1	2	f -	-	-	-	1.00	(0.49- 2.01)
Subtotal 76							1.04	(0.64- 1.69)
77	HILL2	1	m -	-	-	-	1.45	(0.75- 2.81)
77	HILL2	3	f -	-	-	-	1.38	(0.78- 2.41)
Subtotal 77							1.41	(0.92- 2.16)
78	LOPEZC	1	c 35	141	1	4	0.99	(0.11- 9.16)
79	ASOMAN	4	c 25	96	9	32	0.93	(0.39- 2.19)
80	GALLEG	1	c 30	90	2	48	8.00	(1.83- 34.92)
81	KURAHA	10	f -	-	-	-	1.26	(0.78- 2.03)
83	YANG	2	c -	-	-	-	2.00	(1.30- 3.00)
85	TSE	10	m -	-	-	-	0.90	(0.57- 1.41)
86	LIANG	2	f141	149	85	130	1.45	(1.01- 2.07)
Partial Totals			231	476	97	214		

 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 31
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By publication year (4 groups) - adjusted

2000-09								
StN	Ref	NRR	Numbers Case	exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
*prospective study								
2010 onwards								
StN	Ref	NRR	Numbers Case	exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
87	BRENNE	13	c 50	247	101	199	0.40 (	0.27- 0.59)
88	JIANG	1	c -	-	-	-	2.27 (	1.23- 4.18)
90	KIYOHA	1	c 99	135	54	74	1.00 (	0.65- 1.55)
91	HE	2	m -	-	-	-	1.86 (	0.45- 7.73)
91	HE	4	f -	-	-	-	2.07 (	0.23- 18.34)
Subtotal 91							1.92 (	0.58- 6.33)
92	LIM	1	f 200	602	226	764	1.12 (	0.90- 1.40)
93	LIN	7	f -	-	-	-	2.50 (	1.66- 3.77)
95	ALZOUG	3	c -	-	-	-	0.39 (	0.18- 0.85)
96	GELAC	31	m 2	0	299	312	5.22~(	0.25- 109.12)
96	GELAC	27	f -	-	-	-	1.30 (	1.09- 1.56)
Subtotal 96							1.31 (	1.09- 1.56)
97	MASJED	5	m 0	4	26	166	0.70~(	0.04- 13.34)
97	MASJED	6	f 21	28	34	91	2.01 (	1.01- 4.00)
Subtotal 97							1.90 (	0.97- 3.72)
98	REN	2	f -	-	-	-	1.20 (	0.99- 1.46)
99	SEKI	7	m -	-	-	-	1.29 (	0.34- 4.91)
99	SEKI	20	f -	-	-	-	1.31 (	0.99- 1.72)
Subtotal 99							1.31 (	1.00- 1.72)
100	WHIOS	1	f -	-	-	-	0.88 (	0.52- 1.49)
101	ILCCO	16	c -	-	-	-	1.20 (	1.08- 1.34)
102	TORRES	2	c -	-	-	-	0.71 (	0.48- 1.05)
Partial Totals			372	1016	740	1606		
*prospective study								

1981-89 1990-99 2000-09 2010 onwa Total

Relative risks

N	34	33	34	18	119
NS	26	28	27	14	95
Wt	325.77	713.48	499.51	820.69	2359.44
Het Chi	27.78	56.70	47.91	69.42	214.72
Het df	33	32	33	17	118
Het P	N.S.	**	*	***	***
Fixed RR	1.38	1.09	1.22	1.17	1.18
RRl	1.24	1.01	1.12	1.10	1.14
RRu	1.54	1.17	1.33	1.26	1.23
P	+++	+	+++	+++	+++
Random RR	1.38	1.15	1.21	1.13	1.21
RRl	1.24	1.02	1.08	0.94	1.14
RRu	1.54	1.28	1.36	1.36	1.29
P	+++	+	+++	N.S.	+++
Asymm P	N.S.	(*)	N.S.	N.S.	(*)
Between Chi		12.34	2.96	6.01	12.92
Between df		1	1	1	3
Between 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), 17-NOV-15
 Both sexes
 By number of male+female lung cancer cases (grouped) - adjusted

1-49

StN	Ref	NRR	Numbers 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)	
26	SVENSS	5	f -	-	-	-	1.36 (0.53- 3.49)	
35	LIUQ	2	f -	-	-	-	1.72 (0.77- 3.87)	
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84- 7.85)	
46	AUVINE	2	m -	-	-	-	0.69 (0.28- 1.74)	
53	SPEIZE	1	f -	-	-	-	1.50 (0.30- 6.30)	
60	NISHIN	2	f -	-	-	-	1.80 (0.67- 4.60)	
72	RYLAND	3	c -	-	-	-	1.37 (0.72- 2.61)	
78	LOPEZC	1	c 35	141	1	4	0.99 (0.11- 9.16)	
80	GALLEG	1	c 30	90	2	48	8.00 (1.83- 34.92)	
91	HE	2	m -	-	-	-	1.86 (0.45- 7.73)	
91	HE	4	f -	-	-	-	2.07 (0.23- 18.34)	
Subtotal 91							1.92 (0.58- 6.33)	
95	ALZOUG	3	c -	-	-	-	0.39 (0.18- 0.85)	
Partial Totals			100	442	21	345		

*prospective study

50-99

StN	Ref	NRR	Numbers 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)	
28	KALAND	3	f -	-	-	-	2.11 (1.09- 4.08)	
31	LIUZ	2	f -	-	-	-	0.77 (0.30- 1.96)	
34	DU	1	f 47	154	28	100	1.09 (0.64- 1.85)	
37	LAYARD	2	m -	-	-	-	1.47 (0.55- 3.94)	
37	LAYARD	4	f -	-	-	-	0.58 (0.30- 1.13)	
Subtotal 37							0.78 (0.45- 1.34)	
42	WANGS	1	f 67	60	15	34	2.53 (1.26- 5.10)	
45	ZHENG	1	m 8	12	17	17	0.67 (0.22- 2.04)	
45	ZHENG	2	f 62	179	7	51	2.52 (1.09- 5.85)	
Subtotal 45							1.56 (0.80- 3.06)	
48	SHEN	1	f 56	59	14	11	0.75 (0.31- 1.78)	
50	BOFFE2	12	c -	-	-	-	1.00 (0.50- 1.80)	
51	JEE	4	f -	-	-	-	1.72 (0.93- 3.18)	
52	RAPITI	2	f -	-	-	-	1.20 (0.50- 2.90)	
58	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)	

 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), 17-NOV-15
 Both sexes
 By number of male+female lung cancer cases (grouped) - adjusted

		Numbers exposed		Non-exposed				
StN	Ref	NRR	Case	Cont	Case	Cont	RR	95.00%CI
97	MASJED	5	m 0	4	26	166	0.70~ (	0.04- 13.34)
97	MASJED	6	f 21	28	34	91	2.01 (	1.01- 4.00)
Subtotal 97							1.90 (	0.97- 3.72)
Partial Totals			578	1208	365	1105		

*prospective study

		Numbers exposed		Non-exposed				
StN	Ref	NRR	Case	Cont	Case	Cont	RR	95.00%CI
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	f 115	152	84	183	1.65 (	1.16- 2.35)
25	SCHOEN	2	f -	-	-	-	1.07 (	0.70- 1.64)
27	JANERI	4	c -	-	-	-	0.75 (	0.48- 1.18)
29	SOBUE	2	f -	-	-	-	1.13 (	0.78- 1.63)
39	KABAT2	4	m -	-	-	-	1.60 (	0.67- 3.82)
39	KABAT2	6	f -	-	-	-	1.08 (	0.60- 1.94)
Subtotal 39							1.22 (	0.75- 1.99)
43	WANGT	2	f 92	89	43	46	1.11 (	0.67- 1.84)
49	ZARIDZ	4	f -	-	-	-	1.53 (	1.06- 2.21)
56	MALATS	12	c -	-	-	-	1.50 (	0.80- 2.60)
61	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)
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)
73	WEN	1	f -	-	-	-	1.09 (	0.74- 1.61)
76	HILL1	3	m -	-	-	-	1.08 (	0.56- 2.09)
76	HILL1	2	f -	-	-	-	1.00 (	0.49- 2.01)
Subtotal 76							1.04 (	0.64- 1.69)
79	ASOMAN	4	c 25	96	9	32	0.93 (	0.39- 2.19)
81	KURAHA	10	f -	-	-	-	1.26 (	0.78- 2.03)
85	TSE	10	m -	-	-	-	0.90 (	0.57- 1.41)
87	BRENNE	13	c 50	247	101	199	0.40 (	0.27- 0.59)
88	JIANG	1	c -	-	-	-	2.27 (	1.23- 4.18)
90	KIYOHA	1	c 99	135	54	74	1.00 (	0.65- 1.55)
102	TORRES	2	c -	-	-	-	0.71 (	0.48- 1.05)
Partial Totals			560	95853	399	82541		

*prospective study

		Numbers exposed		Non-exposed				
StN	Ref	NRR	Case	Cont	Case	Cont	RR	95.00%CI
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)
33	STOCKW	3	f -	-	-	-	1.60 (	0.80- 3.00)
40	SCHWAR	8	c -	-	-	-	1.10 (	0.80- 1.60)
41	SUN	2	f -	-	-	-	1.16 (	0.80- 1.69)
44	CARDEN	12	m -	-	-	-	1.10 (	0.60- 1.80)
44	CARDEN	10	f -	-	-	-	1.20 (	0.80- 1.60)
Subtotal 44							1.17 (	0.87- 1.57)
55	LEECH	8	f -	-	-	-	1.87 (	1.29- 2.71)
57	WANGL	34	m -	-	-	-	0.56 (	0.20- 1.40)
57	WANGL	36	f -	-	-	-	1.03 (	0.60- 1.70)
Subtotal 57							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)

 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), 17-NOV-15
 Both sexes
 By number of male+female lung cancer cases (grouped) - adjusted

200-399

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			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)	
74	YU	1	f	-	-	-	1.35 (0.70- 2.63)	
77	HILL2	1	m	-	-	-	1.45 (0.75- 2.81)	
77	HILL2	3	f	-	-	-	1.38 (0.78- 2.41)	
Subtotal 77							1.41 (0.92- 2.16)	
83	YANG	2	c	-	-	-	2.00 (1.30- 3.00)	
86	LIANG	2	f	141	149	85	130	1.45 (1.01- 2.07)
93	LIN	7	f	-	-	-	-	2.50 (1.66- 3.77)
100	WHIOS	1	f	-	-	-	-	0.88 (0.52- 1.49)
Partial Totals				141	149	85	130	

*prospective study

400+

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
30	WU-WIL	4	f	-	-	-	-	0.70 (0.60- 0.90)
32	BROWN2	4	f	-	-	-	-	1.00 (0.80- 1.20)
36	FONTHA	6	f	-	-	-	-	1.29 (1.04- 1.60)
47	BOFFET	7	m	-	-	-	-	1.47 (0.81- 2.66)
47	BOFFET	9	f	-	-	-	-	1.11 (0.88- 1.39)
Subtotal 47								1.15 (0.93- 1.42)
54	ZHONG	2	f	-	-	-	-	1.10 (0.80- 1.50)
59	LAGARD	6	c	-	-	-	-	1.15 (0.91- 1.45)
92	LIM	1	f	200	602	226	764	1.12 (0.90- 1.40)
96	GELAC	31	m	2	0	299	312	5.22 (0.25- 109.12)
96	GELAC	27	f	-	-	-	-	1.30 (1.09- 1.56)
Subtotal 96								1.31 (1.09- 1.56)
98	REN	2	f	-	-	-	-	1.20 (0.99- 1.46)
99	SEKI	7	m	-	-	-	-	1.29 (0.34- 4.91)
99	SEKI	20	f	-	-	-	-	1.31 (0.99- 1.72)
Subtotal 99								1.31 (1.00- 1.72)
101	ILCCO	16	c	-	-	-	-	1.20 (1.08- 1.34)
Partial Totals				202	602	525	1076	

*prospective study

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

Relative risks

N	23	31	29	22	14	119
NS	19	25	24	16	11	95
Wt	73.35	235.38	481.35	420.34	1149.02	2359.44
Het Chi	24.83	47.05	59.91	36.32	31.09	214.72
Het df	22	30	28	21	13	118
Het P	N.S.	*	***	*	**	***
Fixed RR	1.44	1.30	1.09	1.33	1.14	1.18
RRl	1.14	1.14	1.00	1.21	1.07	1.14
RRu	1.81	1.47	1.19	1.46	1.20	1.23
P	++	+++	(+)	+++	+++	+++
Random RR	1.47	1.27	1.10	1.32	1.13	1.21
RRl	1.15	1.08	0.96	1.16	1.02	1.14
RRu	1.88	1.50	1.26	1.50	1.25	1.29
P	++	++	N.S.	+++	+	+++
Asymm P	*	N.S.	N.S.	N.S.	N.S.	(*)
Between Chi		0.61	4.96	0.41	3.82	15.52
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

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), 17-NOV-15
 Both sexes
 By full histological confirmation or not - adjusted

No	StN	Ref	NRR	Numbers 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)
	26	SVENGS	5	f -	-	-	-	1.36 (0.53-	3.49)
	28	KALAND	3	f -	-	-	-	2.11 (1.09-	4.08)
	30	WU-WILL	4	f -	-	-	-	0.70 (0.60-	0.90)
	31	LIUZ	2	f -	-	-	-	0.77 (0.30-	1.96)
	32	BROWN2	4	f -	-	-	-	1.00 (0.80-	1.20)
	34	DU	1	f 47	154	28	100	1.09 (0.64-	1.85)
	35	LIUQ	2	f -	-	-	-	1.72 (0.77-	3.87)
	37	LAYARD	2	m -	-	-	-	1.47 (0.55-	3.94)
	37	LAYARD	4	f -	-	-	-	0.58 (0.30-	1.13)
	Subtotal 37							0.78 (0.45-	1.34)
	38	DEWAAR	1	f 19	124	4	67	2.57 (0.84-	7.85)
	43	WANGT	2	f 92	89	43	46	1.11 (0.67-	1.84)
	44	CARDEN	12	m -	-	-	-	1.10 (0.60-	1.80)
	44	CARDEN	10	f -	-	-	-	1.20 (0.80-	1.60)
	Subtotal 44							1.17 (0.87-	1.57)
	45	ZHENG	1	m 8	12	17	17	0.67 (0.22-	2.04)
	45	ZHENG	2	f 62	179	7	51	2.52 (1.09-	5.85)
	Subtotal 45							1.56 (0.80-	3.06)
	46	AUVINE	2	m -	-	-	-	0.69 (0.28-	1.74)
	47	BOFFET	7	m -	-	-	-	1.47 (0.81-	2.66)
	47	BOFFET	9	f -	-	-	-	1.11 (0.88-	1.39)
	Subtotal 47							1.15 (0.93-	1.42)
	51	JEE	4	f -	-	-	-	1.72 (0.93-	3.18)
	52	RAPITI	2	f -	-	-	-	1.20 (0.50-	2.90)
	54	ZHONG	2	f -	-	-	-	1.10 (0.80-	1.50)
	57	WANGL	34	m -	-	-	-	0.56 (0.20-	1.40)
	57	WANGL	36	f -	-	-	-	1.03 (0.60-	1.70)
	Subtotal 57							0.90 (0.57-	1.42)
	60	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)
	72	RYLAND	3	c -	-	-	-	1.37 (0.72-	2.61)
	73	WEN	1	f -	-	-	-	1.09 (0.74-	1.61)
	76	HILL1	3	m -	-	-	-	1.08 (0.56-	2.09)
	76	HILL1	2	f -	-	-	-	1.00 (0.49-	2.01)
	Subtotal 76							1.04 (0.64-	1.69)
	77	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

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), 17-NOV-15
 Both sexes
 By full histological confirmation or not - adjusted

		Numbers exposed		Non-exposed		RR	95.00%CI	
StN	Ref	Case	Cont	Case	Cont			
77	HILL2	3	f -	-	-	1.38	(0.78- 2.41)	
Subtotal 77						1.41	(0.92- 2.16)	
81	KURAHA	10	f -	-	-	1.26	(0.78- 2.03)	
91	HE	2	m -	-	-	1.86	(0.45- 7.73)	
91	HE	4	f -	-	-	2.07	(0.23- 18.34)	
Subtotal 91						1.92	(0.58- 6.33)	
92	LIM	1	f200	602	226	764	1.12	(0.90- 1.40)
95	ALZOUG	3	c -	-	-	0.39	(0.18- 0.85)	
99	SEKI	7	m -	-	-	1.29	(0.34- 4.91)	
99	SEKI	20	f -	-	-	1.31	(0.99- 1.72)	
Subtotal 99						1.31	(1.00- 1.72)	
100	WHIOS	1	f -	-	-	0.88	(0.52- 1.49)	
Partial Totals			741	96508	558	83610		

*prospective study

		Numbers 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)
25	SCHOEN	2	f -	-	-	-	1.07	(0.70- 1.64)
27	JANERI	4	c -	-	-	-	0.75	(0.48- 1.18)
29	SOBUE	2	f -	-	-	-	1.13	(0.78- 1.63)
33	STOCKW	3	f -	-	-	-	1.60	(0.80- 3.00)
36	FONTHA	6	f -	-	-	-	1.29	(1.04- 1.60)
39	KABAT2	4	m -	-	-	-	1.60	(0.67- 3.82)
39	KABAT2	6	f -	-	-	-	1.08	(0.60- 1.94)
Subtotal 39							1.22	(0.75- 1.99)
40	SCHWAR	8	c -	-	-	-	1.10	(0.80- 1.60)
41	SUN	2	f -	-	-	-	1.16	(0.80- 1.69)
42	WANGS	1	f 67	60	15	34	2.53	(1.26- 5.10)
48	SHEN	1	f 56	59	14	11	0.75	(0.31- 1.78)
49	ZARIDZ	4	f -	-	-	-	1.53	(1.06- 2.21)
50	BOFFE2	12	c -	-	-	-	1.00	(0.50- 1.80)
53	SPEIZE	1	f -	-	-	-	1.50	(0.30- 6.30)
55	LEECH	8	f -	-	-	-	1.87	(1.29- 2.71)
56	MALATS	12	c -	-	-	-	1.50	(0.80- 2.60)
58	JOHNSO	8	f -	-	-	-	1.20	(0.62- 2.30)
59	LAGARD	6	c -	-	-	-	1.15	(0.91- 1.45)
61	OHNO	6	f -	-	-	-	1.00	(0.67- 1.49)
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)
74	YU	1	f -	-	-	-	1.35	(0.70- 2.63)
78	LOPEZC	1	c 35	141	1	4	0.99	(0.11- 9.16)
79	ASOMAN	4	c 25	96	9	32	0.93	(0.39- 2.19)
80	GALLEG	1	c 30	90	2	48	8.00	(1.83- 34.92)
83	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 33
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By full histological confirmation or not - adjusted

		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case			Cont
85	TSE	10	m -	-	-	-	0.90 (0.57- 1.41)
86	LIANG	2	f141	149	85	130	1.45 (1.01- 2.07)
87	BRENNE	13	c 50	247	101	199	0.40 (0.27- 0.59)
88	JIANG	1	c -	-	-	-	2.27 (1.23- 4.18)
90	KIYOHA	1	c 99	135	54	74	1.00 (0.65- 1.55)
93	LIN	7	f -	-	-	-	2.50 (1.66- 3.77)
96	GELAC	31	m 2	0	299	312	5.22~(0.25- 109.12)
96	GELAC	27	f -	-	-	-	1.30 (1.09- 1.56)
Subtotal 96							1.31 (1.09- 1.56)
97	MASJED	5	m 0	4	26	166	0.70~(0.04- 13.34)
97	MASJED	6	f 21	28	34	91	2.01 (1.01- 4.00)
Subtotal 97							1.90 (0.97- 3.72)
98	REN	2	f -	-	-	-	1.20 (0.99- 1.46)
101	ILCCO	16	c -	-	-	-	1.20 (1.08- 1.34)
102	TORRES	2	c -	-	-	-	0.71 (0.48- 1.05)
Partial Totals			840	1746	837	1587	

*prospective study

		No	Yes	Total
Relative risks				
	N	63	56	119
	NS	47	48	95
	Wt	1015.07	1344.37	2359.44
	Het Chi	92.23	119.34	214.72
	Het df	62	55	118
	Het P	**	***	***
Fixed	RR	1.13	1.22	1.18
	RRl	1.07	1.16	1.14
	RRu	1.21	1.29	1.23
	P	+++	+++	+++
Random	RR	1.19	1.23	1.21
	RRl	1.09	1.11	1.14
	RRu	1.30	1.35	1.29
	P	+++	+++	+++
Asymm	P	**	N.S.	(*)
Between	Chi		3.14	3.14
Between	df		1	1
Between	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 34
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By study type (case-control, prospective) - adjusted

Case-con.

StN	Ref	NRR	Numbers 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	SCHOEN	2	f -	-	-	-	1.07 (0.70-	1.64)	
26	SVENSS	5	f -	-	-	-	1.36 (0.53-	3.49)	
27	JANERI	4	c -	-	-	-	0.75 (0.48-	1.18)	
28	KALAND	3	f -	-	-	-	2.11 (1.09-	4.08)	
29	SOBUE	2	f -	-	-	-	1.13 (0.78-	1.63)	
30	WU-WIL	4	f -	-	-	-	0.70 (0.60-	0.90)	
31	LIUZ	2	f -	-	-	-	0.77 (0.30-	1.96)	
32	BROWN2	4	f -	-	-	-	1.00 (0.80-	1.20)	
33	STOCKW	3	f -	-	-	-	1.60 (0.80-	3.00)	
34	DU	1	f 47	154	28	100	1.09 (0.64-	1.85)	
35	LIUQ	2	f -	-	-	-	1.72 (0.77-	3.87)	
36	FONTHA	6	f -	-	-	-	1.29 (1.04-	1.60)	
37	LAYARD	2	m -	-	-	-	1.47 (0.55-	3.94)	
37	LAYARD	4	f -	-	-	-	0.58 (0.30-	1.13)	
Subtotal 37								0.78 (0.45-	1.34)
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84-	7.85)	
39	KABAT2	4	m -	-	-	-	1.60 (0.67-	3.82)	
39	KABAT2	6	f -	-	-	-	1.08 (0.60-	1.94)	
Subtotal 39								1.22 (0.75-	1.99)
40	SCHWAR	8	c -	-	-	-	1.10 (0.80-	1.60)	
41	SUN	2	f -	-	-	-	1.16 (0.80-	1.69)	
42	WANGS	1	f 67	60	15	34	2.53 (1.26-	5.10)	
43	WANGT	2	f 92	89	43	46	1.11 (0.67-	1.84)	
45	ZHENG	1	m 8	12	17	17	0.67 (0.22-	2.04)	
45	ZHENG	2	f 62	179	7	51	2.52 (1.09-	5.85)	
Subtotal 45								1.56 (0.80-	3.06)
46	AUVINE	2	m -	-	-	-	0.69 (0.28-	1.74)	
47	BOFFET	7	m -	-	-	-	1.47 (0.81-	2.66)	
47	BOFFET	9	f -	-	-	-	1.11 (0.88-	1.39)	
Subtotal 47								1.15 (0.93-	1.42)
48	SHEN	1	f 56	59	14	11	0.75 (0.31-	1.78)	
49	ZARIDZ	4	f -	-	-	-	1.53 (1.06-	2.21)	
50	BOFFE2	12	c -	-	-	-	1.00 (0.50-	1.80)	

 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), 17-NOV-15
 Both sexes
 By study type (case-control, prospective) - adjusted

Case-con.

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
52	RAPITI	2	f -	-	-	-	1.20 (0.50- 2.90)	
54	ZHONG	2	f -	-	-	-	1.10 (0.80- 1.50)	
55	LEECH	8	f -	-	-	-	1.87 (1.29- 2.71)	
56	MALATS	12	c -	-	-	-	1.50 (0.80- 2.60)	
57	WANGL	34	m -	-	-	-	0.56 (0.20- 1.40)	
57	WANGL	36	f -	-	-	-	1.03 (0.60- 1.70)	
Subtotal 57								
58	JOHNSO	8	f -	-	-	-	0.90 (0.57- 1.42)	
59	LAGARD	6	c -	-	-	-	1.20 (0.62- 2.30)	
61	OHNO	6	f -	-	-	-	1.15 (0.91- 1.45)	
64	ZATLOU	6	f -	-	-	-	1.00 (0.67- 1.49)	
64	ZATLOU	6	f -	-	-	-	0.48 (0.21- 1.09)	
65	IARCKR	3	m -	-	-	-	1.00 (0.67- 1.49)	
65	IARCKR	2	f -	-	-	-	0.40 (0.10- 3.00)	
65	IARCKR	2	f -	-	-	-	0.80 (0.50- 1.30)	
Subtotal 65								
66	MCGHEE	1	m -	-	-	-	0.76 (0.48- 1.20)	
66	MCGHEE	2	f -	-	-	-	1.34 (0.82- 2.17)	
66	MCGHEE	2	f -	-	-	-	1.38 (0.94- 2.04)	
Subtotal 66								
68	FANG	2	f -	-	-	-	1.36 (1.01- 1.85)	
69	FRANCO	1	c -	-	-	-	1.77 (1.07- 2.92)	
70	GORLOV	1	m -	-	-	-	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								
72	RYLAND	3	c -	-	-	-	1.23 (0.75- 2.01)	
74	YU	1	f -	-	-	-	1.37 (0.72- 2.61)	
74	YU	1	f -	-	-	-	1.35 (0.70- 2.63)	
78	LOPEZC	1	c 35	141	1	4	0.99 (0.11- 9.16)	
79	ASOMAN	4	c 25	96	9	32	0.93 (0.39- 2.19)	
80	GALLEG	1	c 30	90	2	48	8.00 (1.83- 34.92)	
83	YANG	2	c -	-	-	-	2.00 (1.30- 3.00)	
85	TSE	10	m -	-	-	-	0.90 (0.57- 1.41)	
86	LIANG	2	f141	149	85	130	1.45 (1.01- 2.07)	
87	BRENNE	13	c 50	247	101	199	0.40 (0.27- 0.59)	
88	JIANG	1	c -	-	-	-	2.27 (1.23- 4.18)	
90	KIYOHA	1	c 99	135	54	74	1.00 (0.65- 1.55)	
92	LIM	1	f200	602	226	764	1.12 (0.90- 1.40)	
93	LIN	7	f -	-	-	-	2.50 (1.66- 3.77)	
95	ALZOUG	3	c -	-	-	-	0.39 (0.18- 0.85)	
96	GELAC	31	m 2	0	299	312	5.22~(0.25- 109.12)	
96	GELAC	27	f -	-	-	-	1.30 (1.09- 1.56)	
Subtotal 96								
97	MASJED	5	m 0	4	26	166	0.70~(0.04- 13.34)	
97	MASJED	6	f 21	28	34	91	2.01 (1.01- 4.00)	
Subtotal 97								
98	REN	2	f -	-	-	-	1.90 (0.97- 3.72)	
99	SEKI	7	m -	-	-	-	1.20 (0.99- 1.46)	
99	SEKI	20	f -	-	-	-	1.29 (0.34- 4.91)	
99	SEKI	20	f -	-	-	-	1.31 (0.99- 1.72)	
Subtotal 99								
101	ILCCO	16	c -	-	-	-	1.31 (1.00- 1.72)	
101	ILCCO	16	c -	-	-	-	1.20 (1.08- 1.34)	
102	TORRES	2	c -	-	-	-	0.71 (0.48- 1.05)	
Partial Totals								
			1493	3374	1330	3338		

*prospective study

 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 34
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By study type (case-control, prospective) - adjusted

Prosp.

StN	Ref	NRR	Numbers 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							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)
44	CARDEN	12	m -	-	-	-	1.10 (0.60-	1.80)
44	CARDEN	10	f -	-	-	-	1.20 (0.80-	1.60)
Subtotal 44							1.17 (0.87-	1.57)
51	JEE	4	f -	-	-	-	1.72 (0.93-	3.18)
53	SPEIZE	1	f -	-	-	-	1.50 (0.30-	6.30)
60	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)
73	WEN	1	f -	-	-	-	1.09 (0.74-	1.61)
76	HILL1	3	m -	-	-	-	1.08 (0.56-	2.09)
76	HILL1	2	f -	-	-	-	1.00 (0.49-	2.01)
Subtotal 76							1.04 (0.64-	1.69)
77	HILL2	1	m -	-	-	-	1.45 (0.75-	2.81)
77	HILL2	3	f -	-	-	-	1.38 (0.78-	2.41)
Subtotal 77							1.41 (0.92-	2.16)
81	KURAHA	10	f -	-	-	-	1.26 (0.78-	2.03)
91	HE	2	m -	-	-	-	1.86 (0.45-	7.73)
91	HE	4	f -	-	-	-	2.07 (0.23-	18.34)
Subtotal 91							1.92 (0.58-	6.33)
100	WHIOS	1	f -	-	-	-	0.88 (0.52-	1.49)
Partial Totals			88	94880	65	81859		

*prospective study

Case-con. Prosp. Total

Relative risks

	N	97	22	119
	NS	79	16	95
	Wt	2078.68	280.77	2359.44
Het	Chi	198.18	16.53	214.72
Het	df	96	21	118
Het	P	***	N.S.	***
Fixed	RR	1.18	1.18	1.18
	RRl	1.13	1.05	1.14
	RRu	1.23	1.33	1.23
	P	+++	++	+++
Random	RR	1.22	1.18	1.21
	RRl	1.13	1.05	1.14
	RRu	1.31	1.33	1.29
	P	+++	++	+++
Asymm	P	N.S.	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

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Table 35
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By study control type - adjusted

Healthy			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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	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)	
25	SCHOEN	2	f -	-	-	-	1.07 (0.70- 1.64)	
27	JANERI	4	c -	-	-	-	0.75 (0.48- 1.18)	
30	WU-WIL	4	f -	-	-	-	0.70 (0.60- 0.90)	
31	LIUZ	2	f -	-	-	-	0.77 (0.30- 1.96)	
32	BROWN2	4	f -	-	-	-	1.00 (0.80- 1.20)	
33	STOCKW	3	f -	-	-	-	1.60 (0.80- 3.00)	
36	FONTHA	6	f -	-	-	-	1.29 (1.04- 1.60)	
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84- 7.85)	
40	SCHWAR	8	c -	-	-	-	1.10 (0.80- 1.60)	
41	SUN	2	f -	-	-	-	1.16 (0.80- 1.69)	
43	WANGT	2	f 92	89	43	46	1.11 (0.67- 1.84)	
45	ZHENG	1	m 8	12	17	17	0.67 (0.22- 2.04)	
45	ZHENG	2	f 62	179	7	51	2.52 (1.09- 5.85)	
Subtotal 45							1.56 (0.80- 3.06)	
46	AUVINE	2	m -	-	-	-	0.69 (0.28- 1.74)	
48	SHEN	1	f 56	59	14	11	0.75 (0.31- 1.78)	
54	ZHONG	2	f -	-	-	-	1.10 (0.80- 1.50)	
57	WANGL	34	m -	-	-	-	0.56 (0.20- 1.40)	
57	WANGL	36	f -	-	-	-	1.03 (0.60- 1.70)	
Subtotal 57							0.90 (0.57- 1.42)	
58	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)	
72	RYLAND	3	c -	-	-	-	1.37 (0.72- 2.61)	
74	YU	1	f -	-	-	-	1.35 (0.70- 2.63)	
79	ASOMAN	4	c 25	96	9	32	0.93 (0.39- 2.19)	
80	GALLEG	1	c 30	90	2	48	8.00 (1.83- 34.92)	
83	YANG	2	c -	-	-	-	2.00 (1.30- 3.00)	
85	TSE	10	m -	-	-	-	0.90 (0.57- 1.41)	
86	LIANG	2	f141	149	85	130	1.45 (1.01- 2.07)	
88	JIANG	1	c -	-	-	-	2.27 (1.23- 4.18)	
93	LIN	7	f -	-	-	-	2.50 (1.66- 3.77)	
95	ALZOUG	3	c -	-	-	-	0.39 (0.18- 0.85)	
96	GELAC	31	m 2	0	299	312	5.22~(0.25- 109.12)	
96	GELAC	27	f -	-	-	-	1.30 (1.09- 1.56)	
Subtotal 96							1.31 (1.09- 1.56)	
98	REN	2	f -	-	-	-	1.20 (0.99- 1.46)	
Partial Totals			550	950	564	897		

*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 35
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By study control type - adjusted

Diseased			Numbers exposed Non-exposed				RR		95.00%CI	
StN	Ref	NRR	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)	
28	KALAND	3	f -	-	-	-	2.11 (		1.09- 4.08)	
29	SOBUE	2	f -	-	-	-	1.13 (		0.78- 1.63)	
34	DU	1	f 47	154	28	100	1.09 (		0.64- 1.85)	
35	LIUQ	2	f -	-	-	-	1.72 (		0.77- 3.87)	
37	LAYARD	2	m -	-	-	-	1.47 (		0.55- 3.94)	
37	LAYARD	4	f -	-	-	-	0.58 (		0.30- 1.13)	
Subtotal 37							0.78 (		0.45- 1.34)	
39	KABAT2	4	m -	-	-	-	1.60 (		0.67- 3.82)	
39	KABAT2	6	f -	-	-	-	1.08 (		0.60- 1.94)	
Subtotal 39							1.22 (		0.75- 1.99)	
42	WANGS	1	f 67	60	15	34	2.53 (		1.26- 5.10)	
49	ZARIDZ	4	f -	-	-	-	1.53 (		1.06- 2.21)	
55	LEECH	8	f -	-	-	-	1.87 (		1.29- 2.71)	
61	OHNO	6	f -	-	-	-	1.00 (		0.67- 1.49)	
78	LOPEZC	1	c 35	141	1	4	0.99 (		0.11- 9.16)	
90	KIYOHA	1	c 99	135	54	74	1.00 (		0.65- 1.55)	
92	LIM	1	f200	602	226	764	1.12 (		0.90- 1.40)	
99	SEKI	7	m -	-	-	-	1.29 (		0.34- 4.91)	
99	SEKI	20	f -	-	-	-	1.31 (		0.99- 1.72)	
Subtotal 99							1.31 (		1.00- 1.72)	
102	TORRES	2	c -	-	-	-	0.71 (		0.48- 1.05)	
Partial Totals			800	1884	571	1867				

*prospective study

Both			Numbers exposed Non-exposed				RR		95.00%CI	
StN	Ref	NRR	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)	
26	SVENSS	5	f -	-	-	-	1.36 (		0.53- 3.49)	
47	BOFFET	7	m -	-	-	-	1.47 (		0.81- 2.66)	
47	BOFFET	9	f -	-	-	-	1.11 (		0.88- 1.39)	
Subtotal 47							1.15 (		0.93- 1.42)	
50	BOFFE2	12	c -	-	-	-	1.00 (		0.50- 1.80)	
52	RAPITI	2	f -	-	-	-	1.20 (		0.50- 2.90)	
56	MALATS	12	c -	-	-	-	1.50 (		0.80- 2.60)	
59	LAGARD	6	c -	-	-	-	1.15 (		0.91- 1.45)	
68	FANG	2	f -	-	-	-	1.77 (		1.07- 2.92)	
87	BRENNE	13	c 50	247	101	199	0.40 (		0.27- 0.59)	
97	MASJED	5	m 0	4	26	166	0.70~(		0.04- 13.34)	
97	MASJED	6	f 21	28	34	91	2.01 (		1.01- 4.00)	
Subtotal 97							1.90 (		0.97- 3.72)	
101	ILCCO	16	c -	-	-	-	1.20 (		1.08- 1.34)	
Partial Totals			109	499	175	522				

 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), 17-NOV-15
Both sexes
By study control type - adjusted

Both			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
*prospective study								
Unstated								
StN	Ref	NRR	Case	Cont	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	Case	Cont	Case	Cont	RR	95.00%CI
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)
19	BUTLER	2	f -	-	-	-	2.02	(0.48- 8.56)
24	HOLE	3	c -	-	-	-	2.41	(0.45- 12.83)
44	CARDEN	12	m -	-	-	-	1.10	(0.60- 1.80)
44	CARDEN	10	f -	-	-	-	1.20	(0.80- 1.60)
Subtotal 44							1.17	(0.87- 1.57)
51	JEE	4	f -	-	-	-	1.72	(0.93- 3.18)
53	SPEIZE	1	f -	-	-	-	1.50	(0.30- 6.30)
60	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)
73	WEN	1	f -	-	-	-	1.09	(0.74- 1.61)
76	HILL1	3	m -	-	-	-	1.08	(0.56- 2.09)
76	HILL1	2	f -	-	-	-	1.00	(0.49- 2.01)
Subtotal 76							1.04	(0.64- 1.69)
77	HILL2	1	m -	-	-	-	1.45	(0.75- 2.81)
77	HILL2	3	f -	-	-	-	1.38	(0.78- 2.41)
Subtotal 77							1.41	(0.92- 2.16)
81	KURAHA	10	f -	-	-	-	1.26	(0.78- 2.03)
91	HE	2	m -	-	-	-	1.86	(0.45- 7.73)
91	HE	4	f -	-	-	-	2.07	(0.23- 18.34)
Subtotal 91							1.92	(0.58- 6.33)
100	WHIOS	1	f -	-	-	-	0.88	(0.52- 1.49)
Partial Totals			88	94880	65	81859		
*prospective study								

Healthy Diseased Both Unstated Prosp. Total

Relative risks

N	47	35	14	1	22	119
NS	40	27	11	1	16	95
Wt	1023.94	474.42	572.19	8.13	280.77	2359.44
Het Chi	109.04	45.05	38.93	0.00	16.53	214.72
Het df	46	34	13	0	21	118
Het P	***	(*)	***	N.S.	N.S.	***
Fixed RR	1.17	1.25	1.14	2.16	1.18	1.18
RRl	1.10	1.14	1.05	1.08	1.05	1.14
RRu	1.24	1.37	1.24	4.29	1.33	1.23
P	+++	+++	++	+	++	+++
Random RR	1.20	1.27	1.10	2.16	1.18	1.21
RRl	1.08	1.13	0.90	1.08	1.05	1.14
RRu	1.34	1.43	1.36	4.29	1.33	1.29
P	++	+++	N.S.	+	++	+++
Asymm P	N.S.	N.S.	N.S.		N.S.	(*)
Between Chi		1.45	0.18	3.03	0.04	5.16
Between df		1	1	1	1	4
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 36
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By study quality (PNL criteria) - adjusted

Good			Numbers exposed				Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	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)	
25	SCHOEN	2	f -	-	-	-			1.07 (0.70- 1.64)	
29	SOBUE	2	f -	-	-	-			1.13 (0.78- 1.63)	
30	WU-WILL	4	f -	-	-	-			0.70 (0.60- 0.90)	
31	LIUZ	2	f -	-	-	-			0.77 (0.30- 1.96)	
35	LIUQ	2	f -	-	-	-			1.72 (0.77- 3.87)	
38	DEWAAR	1	f 19	124	4	67			2.57 (0.84- 7.85)	
39	KABAT2	4	m -	-	-	-			1.60 (0.67- 3.82)	
39	KABAT2	6	f -	-	-	-			1.08 (0.60- 1.94)	
Subtotal 39									1.22 (0.75- 1.99)	
41	SUN	2	f -	-	-	-			1.16 (0.80- 1.69)	
42	WANGS	1	f 67	60	15	34			2.53 (1.26- 5.10)	
44	CARDEN	12	m -	-	-	-			1.10 (0.60- 1.80)	
44	CARDEN	10	f -	-	-	-			1.20 (0.80- 1.60)	
Subtotal 44									1.17 (0.87- 1.57)	
45	ZHENG	1	m 8	12	17	17			0.67 (0.22- 2.04)	
45	ZHENG	2	f 62	179	7	51			2.52 (1.09- 5.85)	
Subtotal 45									1.56 (0.80- 3.06)	
47	BOFFET	7	m -	-	-	-			1.47 (0.81- 2.66)	
47	BOFFET	9	f -	-	-	-			1.11 (0.88- 1.39)	
Subtotal 47									1.15 (0.93- 1.42)	
48	SHEN	1	f 56	59	14	11			0.75 (0.31- 1.78)	
49	ZARIDZ	4	f -	-	-	-			1.53 (1.06- 2.21)	
50	BOFFE2	12	c -	-	-	-			1.00 (0.50- 1.80)	
51	JEE	4	f -	-	-	-			1.72 (0.93- 3.18)	
52	RAPITI	2	f -	-	-	-			1.20 (0.50- 2.90)	
53	SPEIZE	1	f -	-	-	-			1.50 (0.30- 6.30)	
55	LEECH	8	f -	-	-	-			1.87 (1.29- 2.71)	
56	MALATS	12	c -	-	-	-			1.50 (0.80- 2.60)	
58	JOHNSO	8	f -	-	-	-			1.20 (0.62- 2.30)	
60	NISHIN	2	f -	-	-	-			1.80 (0.67- 4.60)	
61	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)	
67	EPICA	7	c -	-	-	-			0.84 (0.38- 1.90)	
68	FANG	2	f -	-	-	-			1.77 (1.07- 2.92)	
73	WEN	1	f -	-	-	-			1.09 (0.74- 1.61)	
76	HILL1	3	m -	-	-	-			1.08 (0.56- 2.09)	
76	HILL1	2	f -	-	-	-			1.00 (0.49- 2.01)	
Subtotal 76									1.04 (0.64- 1.69)	
77	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

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), 17-NOV-15
 Both sexes
 By study quality (PNL criteria) - adjusted

		Numbers exposed				Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont			
77	HILL2	3	f -	-	-	-	1.38 (0.78- 2.41)		
Subtotal 77							1.41 (0.92- 2.16)		
78	LOPEZC	1	c 35	141	1	4	0.99 (0.11- 9.16)		
79	ASOMAN	4	c 25	96	9	32	0.93 (0.39- 2.19)		
81	KURAHA	10	f -	-	-	-	1.26 (0.78- 2.03)		
85	TSE	10	m -	-	-	-	0.90 (0.57- 1.41)		
86	LIANG	2	f141	149	85	130	1.45 (1.01- 2.07)		
90	KIYOHA	1	c 99	135	54	74	1.00 (0.65- 1.55)		
91	HE	2	m -	-	-	-	1.86 (0.45- 7.73)		
91	HE	4	f -	-	-	-	2.07 (0.23- 18.34)		
Subtotal 91							1.92 (0.58- 6.33)		
92	LIM	1	f200	602	226	764	1.12 (0.90- 1.40)		
93	LIN	7	f -	-	-	-	2.50 (1.66- 3.77)		
96	GELAC	31	m 2	0	299	312	5.22~(0.25- 109.12)		
96	GELAC	27	f -	-	-	-	1.30 (1.09- 1.56)		
Subtotal 96							1.31 (1.09- 1.56)		
97	MASJED	5	m 0	4	26	166	0.70~(0.04- 13.34)		
97	MASJED	6	f 21	28	34	91	2.01 (1.01- 4.00)		
Subtotal 97							1.90 (0.97- 3.72)		
98	REN	2	f -	-	-	-	1.20 (0.99- 1.46)		
99	SEKI	7	m -	-	-	-	1.29 (0.34- 4.91)		
99	SEKI	20	f -	-	-	-	1.31 (0.99- 1.72)		
Subtotal 99							1.31 (1.00- 1.72)		
100	WHIOS	1	f -	-	-	-	0.88 (0.52- 1.49)		
Partial Totals			1016	96960	1013	84006			

*prospective study

		Numbers exposed				Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)		
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)		
26	SVENSS	5	f -	-	-	-	1.36 (0.53- 3.49)		
27	JANERI	4	c -	-	-	-	0.75 (0.48- 1.18)		
28	KALAND	3	f -	-	-	-	2.11 (1.09- 4.08)		
32	BROWN2	4	f -	-	-	-	1.00 (0.80- 1.20)		
33	STOCKW	3	f -	-	-	-	1.60 (0.80- 3.00)		
34	DU	1	f 47	154	28	100	1.09 (0.64- 1.85)		
36	FONTHA	6	f -	-	-	-	1.29 (1.04- 1.60)		
37	LAYARD	2	m -	-	-	-	1.47 (0.55- 3.94)		
37	LAYARD	4	f -	-	-	-	0.58 (0.30- 1.13)		
Subtotal 37							0.78 (0.45- 1.34)		
40	SCHWAR	8	c -	-	-	-	1.10 (0.80- 1.60)		
43	WANGT	2	f 92	89	43	46	1.11 (0.67- 1.84)		
46	AUVINE	2	m -	-	-	-	0.69 (0.28- 1.74)		
54	ZHONG	2	f -	-	-	-	1.10 (0.80- 1.50)		
57	WANGL	34	m -	-	-	-	0.56 (0.20- 1.40)		
57	WANGL	36	f -	-	-	-	1.03 (0.60- 1.70)		
Subtotal 57							0.90 (0.57- 1.42)		
59	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)		

 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), 17-NOV-15
 Both sexes
 By study quality (PNL criteria) - adjusted

Bad								
StN	Ref	NRR	Numbers exposed	Non-exposed			RR	95.00%CI
			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)
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)
72	RYLAND	3	c -	-	-	-	1.37	(0.72- 2.61)
74	YU	1	f -	-	-	-	1.35	(0.70- 2.63)
80	GALLEG	1	c 30	90	2	48	8.00	(1.83- 34.92)
83	YANG	2	c -	-	-	-	2.00	(1.30- 3.00)
87	BRENNE	13	c 50	247	101	199	0.40	(0.27- 0.59)
88	JIANG	1	c -	-	-	-	2.27	(1.23- 4.18)
95	ALZOUG	3	c -	-	-	-	0.39	(0.18- 0.85)
101	ILCCO	16	c -	-	-	-	1.20	(1.08- 1.34)
102	TORRES	2	c -	-	-	-	0.71	(0.48- 1.05)
Partial Totals			565	1294	382	1191		

*prospective study

Good Bad Total

Relative risks

N	74	45	119
NS	57	38	95
Wt	1304.12	1055.32	2359.44
Het Chi	104.06	110.62	214.72
Het df	73	44	118
Het P	**	***	***
Fixed RR	1.19	1.18	1.18
RRl	1.12	1.11	1.14
RRu	1.25	1.25	1.23
P	+++	+++	+++
Random RR	1.21	1.22	1.21
RRl	1.13	1.08	1.14
RRu	1.30	1.37	1.29
P	+++	++	+++
Asymm P	N.S.	N.S.	(*)
Between Chi		0.04	0.04
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 37
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
Both sexes

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

StN	Ref	NRR	Numbers 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)
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84-	7.85)
42	WANGS	1	f 67	60	15	34	2.53 (1.26-	5.10)
78	LOPEZC	1	c 35	141	1	4	0.99 (0.11-	9.16)
79	ASOMAN	4	c 25	96	9	32	0.93 (0.39-	2.19)
80	GALLEG	1	c 30	90	2	48	8.00 (1.83-	34.92)
86	LIANG	2	f141	149	85	130	1.45 (1.01-	2.07)
90	KIYOHA	1	c 99	135	54	74	1.00 (0.65-	1.55)
92	LIM	1	f200	602	226	764	1.12 (0.90-	1.40)
100	WHIOS	1	f -	-	-	-	0.88 (0.52-	1.49)
Partial Totals			941	2086	625	1802		

*prospective study

StN	Ref	NRR	Numbers 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)
26	SVENSS	5	f -	-	-	-	1.36 (0.53-	3.49)
43	WANGT	2	f 92	89	43	46	1.11 (0.67-	1.84)
46	AUVINE	2	m -	-	-	-	0.69 (0.28-	1.74)
53	SPEIZE	1	f -	-	-	-	1.50 (0.30-	6.30)
Partial Totals			145	240	80	352		

*prospective study

StN	Ref	NRR	Numbers 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)
32	BROWN2	4	f -	-	-	-	1.00 (0.80-	1.20)
34	DU	1	f 47	154	28	100	1.09 (0.64-	1.85)
40	SCHWAR	8	c -	-	-	-	1.10 (0.80-	1.60)
41	SUN	2	f -	-	-	-	1.16 (0.80-	1.69)
45	ZHENG	1	m 8	12	17	17	0.67 (0.22-	2.04)
45	ZHENG	2	f 62	179	7	51	2.52 (1.09-	5.85)
Subtotal 45							1.56 (0.80-	3.06)
49	ZARIDZ	4	f -	-	-	-	1.53 (1.06-	2.21)
56	MALATS	12	c -	-	-	-	1.50 (0.80-	2.60)
61	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)

 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), 17-NOV-15
 Both sexes

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

2

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
102	TORRES	2	c -	-	-	-	0.71 (	0.48- 1.05)
Partial Totals			117	345	52	168		

*prospective study

3-5

StN	Ref	NRR	Numbers 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)
27	JANERI	4	c -	-	-	-	0.75 (	0.48- 1.18)
28	KALAND	3	f -	-	-	-	2.11 (	1.09- 4.08)
29	SOBUE	2	f -	-	-	-	1.13 (	0.78- 1.63)
30	WU-WIL	4	f -	-	-	-	0.70 (	0.60- 0.90)
31	LIUZ	2	f -	-	-	-	0.77 (	0.30- 1.96)
33	STOCKW	3	f -	-	-	-	1.60 (	0.80- 3.00)
35	LIUQ	2	f -	-	-	-	1.72 (	0.77- 3.87)
37	LAYARD	2	m -	-	-	-	1.47 (	0.55- 3.94)
37	LAYARD	4	f -	-	-	-	0.58 (	0.30- 1.13)
Subtotal 37							0.78 (	0.45- 1.34)
50	BOFFE2	12	c -	-	-	-	1.00 (	0.50- 1.80)
51	JEE	4	f -	-	-	-	1.72 (	0.93- 3.18)
52	RAPITI	2	f -	-	-	-	1.20 (	0.50- 2.90)
58	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)
72	RYLAND	3	c -	-	-	-	1.37 (	0.72- 2.61)
81	KURAHA	10	f -	-	-	-	1.26 (	0.78- 2.03)
83	YANG	2	c -	-	-	-	2.00 (	1.30- 3.00)
87	BRENNE	13	c 50	247	101	199	0.40 (	0.27- 0.59)
95	ALZOUG	3	c -	-	-	-	0.39 (	0.18- 0.85)
97	MASJED	5	m 0	4	26	166	0.70~(	0.04- 13.34)
97	MASJED	6	f 21	28	34	91	2.01 (	1.01- 4.00)
Subtotal 97							1.90 (	0.97- 3.72)
98	REN	2	f -	-	-	-	1.20 (	0.99- 1.46)
101	ILCCO	16	c -	-	-	-	1.20 (	1.08- 1.34)
Partial Totals			232	644	260	693		

*prospective study

 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 37
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes

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

6+

StN	Ref	NRR	Numbers 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)
25	SCHOEN	2	f -	-	-	-	1.07 (0.70-	1.64)
36	FONTHA	6	f -	-	-	-	1.29 (1.04-	1.60)
39	KABAT2	4	m -	-	-	-	1.60 (0.67-	3.82)
39	KABAT2	6	f -	-	-	-	1.08 (0.60-	1.94)
Subtotal 39							1.22 (0.75-	1.99)
44	CARDEN	12	m -	-	-	-	1.10 (0.60-	1.80)
44	CARDEN	10	f -	-	-	-	1.20 (0.80-	1.60)
Subtotal 44							1.17 (0.87-	1.57)
47	BOFFET	7	m -	-	-	-	1.47 (0.81-	2.66)
47	BOFFET	9	f -	-	-	-	1.11 (0.88-	1.39)
Subtotal 47							1.15 (0.93-	1.42)
48	SHEN	1	f 56	59	14	11	0.75 (0.31-	1.78)
54	ZHONG	2	f -	-	-	-	1.10 (0.80-	1.50)
55	LEECH	8	f -	-	-	-	1.87 (1.29-	2.71)
57	WANGL	34	m -	-	-	-	0.56 (0.20-	1.40)
57	WANGL	36	f -	-	-	-	1.03 (0.60-	1.70)
Subtotal 57							0.90 (0.57-	1.42)
59	LAGARD	6	c -	-	-	-	1.15 (0.91-	1.45)
60	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)
73	WEN	1	f -	-	-	-	1.09 (0.74-	1.61)
74	YU	1	f -	-	-	-	1.35 (0.70-	2.63)
76	HILL1	3	m -	-	-	-	1.08 (0.56-	2.09)
76	HILL1	2	f -	-	-	-	1.00 (0.49-	2.01)
Subtotal 76							1.04 (0.64-	1.69)
77	HILL2	1	m -	-	-	-	1.45 (0.75-	2.81)
77	HILL2	3	f -	-	-	-	1.38 (0.78-	2.41)
Subtotal 77							1.41 (0.92-	2.16)
85	TSE	10	m -	-	-	-	0.90 (0.57-	1.41)
88	JIANG	1	c -	-	-	-	2.27 (1.23-	4.18)
91	HE	2	m -	-	-	-	1.86 (0.45-	7.73)
91	HE	4	f -	-	-	-	2.07 (0.23-	18.34)
Subtotal 91							1.92 (0.58-	6.33)
93	LIN	7	f -	-	-	-	2.50 (1.66-	3.77)
96	GELAC	31	m 2	0	299	312	5.22~(0.25-	109.12)
96	GELAC	27	f -	-	-	-	1.30 (1.09-	1.56)
Subtotal 96							1.31 (1.09-	1.56)
99	SEKI	7	m -	-	-	-	1.29 (0.34-	4.91)
99	SEKI	20	f -	-	-	-	1.31 (0.99-	1.72)
Subtotal 99							1.31 (1.00-	1.72)
Partial Totals			146	94939	378	82182		

*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 37
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes

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

	0	1	2	3-5	6+	Total
Relative risks						
N	17	7	24	34	37	119
NS	15	6	19	29	26	95
Wt	248.64	41.45	424.61	818.29	826.45	2359.44
Het Chi	32.00	5.29	33.09	91.02	43.46	214.72
Het df	16	6	23	33	36	118
Het P	*	N.S.	(*)	***	N.S.	***
Fixed RR	1.29	1.37	1.18	1.09	1.24	1.18
RRl	1.14	1.01	1.07	1.02	1.16	1.14
RRu	1.46	1.86	1.30	1.17	1.33	1.23
P	+++	+	+++	+	+++	+++
Random RR	1.36	1.37	1.22	1.10	1.24	1.21
RRl	1.10	1.01	1.08	0.95	1.14	1.14
RRu	1.67	1.86	1.38	1.28	1.34	1.29
P	++	+	++	N.S.	+++	+++
Asymm P	N.S.	N.S.	(*)	N.S.	N.S.	(*)
Between Chi		0.12	1.32	5.47	0.36	9.87
Between df		1	1	1	1	4
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 38
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By age considered as a confounder in the study or not - adjusted

No		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)
35	LIUQ	2	f -	-	-	-	1.72 (0.77- 3.87)
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84- 7.85)
42	WANGS	1	f 67	60	15	34	2.53 (1.26- 5.10)
78	LOPEZC	1	c 35	141	1	4	0.99 (0.11- 9.16)
79	ASOMAN	4	c 25	96	9	32	0.93 (0.39- 2.19)
80	GALLEG	1	c 30	90	2	48	8.00 (1.83- 34.92)
86	LIANG	2	f141	149	85	130	1.45 (1.01- 2.07)
90	KIYOHA	1	c 99	135	54	74	1.00 (0.65- 1.55)
92	LIM	1	f200	602	226	764	1.12 (0.90- 1.40)
100	WHIOS	1	f -	-	-	-	0.88 (0.52- 1.49)
Partial Totals			994	2237	662	2108	

Yes		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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	SCHOEN	2	f -	-	-	-	1.07 (0.70- 1.64)
26	SVENSS	5	f -	-	-	-	1.36 (0.53- 3.49)
27	JANERI	4	c -	-	-	-	0.75 (0.48- 1.18)
28	KALAND	3	f -	-	-	-	2.11 (1.09- 4.08)
29	SOBUE	2	f -	-	-	-	1.13 (0.78- 1.63)
30	WU-WIL	4	f -	-	-	-	0.70 (0.60- 0.90)
31	LIUZ	2	f -	-	-	-	0.77 (0.30- 1.96)
32	BROWN2	4	f -	-	-	-	1.00 (0.80- 1.20)
33	STOCKW	3	f -	-	-	-	1.60 (0.80- 3.00)
34	DU	1	f 47	154	28	100	1.09 (0.64- 1.85)
36	FONTHA	6	f -	-	-	-	1.29 (1.04- 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

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Table 38
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By age considered as a confounder in the study or not - adjusted

		Numbers exposed		Non-exposed		RR	95.00%CI	
StN	Ref	Case	Cont	Case	Cont			
37	LAYARD	2	m -	-	-	1.47	(0.55- 3.94)	
37	LAYARD	4	f -	-	-	0.58	(0.30- 1.13)	
Subtotal 37						0.78	(0.45- 1.34)	
39	KABAT2	4	m -	-	-	1.60	(0.67- 3.82)	
39	KABAT2	6	f -	-	-	1.08	(0.60- 1.94)	
Subtotal 39						1.22	(0.75- 1.99)	
40	SCHWAR	8	c -	-	-	1.10	(0.80- 1.60)	
41	SUN	2	f -	-	-	1.16	(0.80- 1.69)	
43	WANGT	2	f 92	89	43	46	1.11	(0.67- 1.84)
44	CARDEN	12	m -	-	-	1.10	(0.60- 1.80)	
44	CARDEN	10	f -	-	-	1.20	(0.80- 1.60)	
Subtotal 44						1.17	(0.87- 1.57)	
45	ZHENG	1	m 8	12	17	17	0.67	(0.22- 2.04)
45	ZHENG	2	f 62	179	7	51	2.52	(1.09- 5.85)
Subtotal 45						1.56	(0.80- 3.06)	
46	AUVINE	2	m -	-	-	0.69	(0.28- 1.74)	
47	BOFFET	7	m -	-	-	1.47	(0.81- 2.66)	
47	BOFFET	9	f -	-	-	1.11	(0.88- 1.39)	
Subtotal 47						1.15	(0.93- 1.42)	
48	SHEN	1	f 56	59	14	11	0.75	(0.31- 1.78)
49	ZARIDZ	4	f -	-	-	1.53	(1.06- 2.21)	
50	BOFFE2	12	c -	-	-	1.00	(0.50- 1.80)	
51	JEE	4	f -	-	-	1.72	(0.93- 3.18)	
52	RAPITI	2	f -	-	-	1.20	(0.50- 2.90)	
53	SPEIZE	1	f -	-	-	1.50	(0.30- 6.30)	
54	ZHONG	2	f -	-	-	1.10	(0.80- 1.50)	
55	LEECH	8	f -	-	-	1.87	(1.29- 2.71)	
56	MALATS	12	c -	-	-	1.50	(0.80- 2.60)	
57	WANGL	34	m -	-	-	0.56	(0.20- 1.40)	
57	WANGL	36	f -	-	-	1.03	(0.60- 1.70)	
Subtotal 57						0.90	(0.57- 1.42)	
58	JOHNSO	8	f -	-	-	1.20	(0.62- 2.30)	
59	LAGARD	6	c -	-	-	1.15	(0.91- 1.45)	
60	NISHIN	2	f -	-	-	1.80	(0.67- 4.60)	
61	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)	
72	RYLAND	3	c -	-	-	1.37	(0.72- 2.61)	
73	WEN	1	f -	-	-	1.09	(0.74- 1.61)	
74	YU	1	f -	-	-	1.35	(0.70- 2.63)	
76	HILL1	3	m -	-	-	1.08	(0.56- 2.09)	
76	HILL1	2	f -	-	-	1.00	(0.49- 2.01)	
Subtotal 76						1.04	(0.64- 1.69)	
77	HILL2	1	m -	-	-	1.45	(0.75- 2.81)	
77	HILL2	3	f -	-	-	1.38	(0.78- 2.41)	
Subtotal 77						1.41	(0.92- 2.16)	
81	KURAHA	10	f -	-	-	1.26	(0.78- 2.03)	
83	YANG	2	c -	-	-	2.00	(1.30- 3.00)	
85	TSE	10	m -	-	-	0.90	(0.57- 1.41)	
87	BRENNE	13	c 50	247	101	199	0.40	(0.27- 0.59)
88	JIANG	1	c -	-	-	2.27	(1.23- 4.18)	
91	HE	2	m -	-	-	1.86	(0.45- 7.73)	
91	HE	4	f -	-	-	2.07	(0.23- 18.34)	

 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

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), 17-NOV-15
 Both sexes
 By age considered as a confounder in the study or not - adjusted

			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
Subtotal 91							1.92 (0.58-	6.33)
93	LIN	7	f -	-	-	-	2.50 (1.66-	3.77)
95	ALZOUG	3	c -	-	-	-	0.39 (0.18-	0.85)
96	GELAC	31	m 2	0	299	312	5.22~(0.25-	109.12)
96	GELAC	27	f -	-	-	-	1.30 (1.09-	1.56)
Subtotal 96							1.31 (1.09-	1.56)
97	MASJED	5	m 0	4	26	166	0.70~(0.04-	13.34)
97	MASJED	6	f 21	28	34	91	2.01 (1.01-	4.00)
Subtotal 97							1.90 (0.97-	3.72)
98	REN	2	f -	-	-	-	1.20 (0.99-	1.46)
99	SEKI	7	m -	-	-	-	1.29 (0.34-	4.91)
99	SEKI	20	f -	-	-	-	1.31 (0.99-	1.72)
Subtotal 99							1.31 (1.00-	1.72)
101	ILCCO	16	c -	-	-	-	1.20 (1.08-	1.34)
102	TORRES	2	c -	-	-	-	0.71 (0.48-	1.05)
Partial Totals			587	96017	733	83089		

*prospective study

		No	Yes	Total
Relative risks				
	N	21	98	119
	NS	18	77	95
	Wt	270.49	2088.95	2359.44
	Het Chi	35.39	174.78	214.72
	Het df	20	97	118
	Het P	*	***	***
Fixed	RR	1.34	1.16	1.18
	RRl	1.19	1.11	1.14
	RRu	1.50	1.21	1.23
	P	+++	+++	+++
Random	RR	1.42	1.18	1.21
	RRl	1.18	1.10	1.14
	RRu	1.71	1.26	1.29
	P	+++	+++	+++
Asymm	P	N.S.	N.S.	(*)
Between	Chi		4.55	4.55
Between	df		1	1
Between	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 39
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
Both sexes

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

No	StN	Ref	NRR	Numbers 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	SCHOEN	2	f -	-	-	-	1.07 (0.70-	1.64)
	26	SVENSS	5	f -	-	-	-	1.36 (0.53-	3.49)
	27	JANERI	4	c -	-	-	-	0.75 (0.48-	1.18)
	28	KALAND	3	f -	-	-	-	2.11 (1.09-	4.08)
	29	SOBUE	2	f -	-	-	-	1.13 (0.78-	1.63)
	30	WU-WIL	4	f -	-	-	-	0.70 (0.60-	0.90)
	31	LIUZ	2	f -	-	-	-	0.77 (0.30-	1.96)
	32	BROWN2	4	f -	-	-	-	1.00 (0.80-	1.20)
	33	STOCKW	3	f -	-	-	-	1.60 (0.80-	3.00)
	34	DU	1	f 47	154	28	100	1.09 (0.64-	1.85)
	35	LIUQ	2	f -	-	-	-	1.72 (0.77-	3.87)
	36	FONTHA	6	f -	-	-	-	1.29 (1.04-	1.60)
	38	DEWAAR	1	f 19	124	4	67	2.57 (0.84-	7.85)
	40	SCHWAR	8	c -	-	-	-	1.10 (0.80-	1.60)
	41	SUN	2	f -	-	-	-	1.16 (0.80-	1.69)
	42	WANGS	1	f 67	60	15	34	2.53 (1.26-	5.10)
	43	WANGT	2	f 92	89	43	46	1.11 (0.67-	1.84)
	45	ZHENG	1	m 8	12	17	17	0.67 (0.22-	2.04)
	45	ZHENG	2	f 62	179	7	51	2.52 (1.09-	5.85)
	Subtotal 45							1.56 (0.80-	3.06)
	46	AUVINE	2	m -	-	-	-	0.69 (0.28-	1.74)
	48	SHEN	1	f 56	59	14	11	0.75 (0.31-	1.78)
	49	ZARIDZ	4	f -	-	-	-	1.53 (1.06-	2.21)
	50	BOFFE2	12	c -	-	-	-	1.00 (0.50-	1.80)
	51	JEE	4	f -	-	-	-	1.72 (0.93-	3.18)
	52	RAPITI	2	f -	-	-	-	1.20 (0.50-	2.90)
	53	SPEIZE	1	f -	-	-	-	1.50 (0.30-	6.30)
	54	ZHONG	2	f -	-	-	-	1.10 (0.80-	1.50)
	55	LEECH	8	f -	-	-	-	1.87 (1.29-	2.71)
	56	MALATS	12	c -	-	-	-	1.50 (0.80-	2.60)
	57	WANGL	34	m -	-	-	-	0.56 (0.20-	1.40)
	57	WANGL	36	f -	-	-	-	1.03 (0.60-	1.70)
	Subtotal 57							0.90 (0.57-	1.42)
	58	JOHNSO	8	f -	-	-	-	1.20 (0.62-	2.30)
	59	LAGARD	6	c -	-	-	-	1.15 (0.91-	1.45)
	60	NISHIN	2	f -	-	-	-	1.80 (0.67-	4.60)
	61	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)

 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), 17-NOV-15
 Both sexes
 By marital status considered as a confounder in the study or not - adjusted

No		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case			Cont
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)
72	RYLAND	3	c -	-	-	-	1.37 (0.72- 2.61)
73	WEN	1	f -	-	-	-	1.09 (0.74- 1.61)
74	YU	1	f -	-	-	-	1.35 (0.70- 2.63)
78	LOPEZC	1	c 35	141	1	4	0.99 (0.11- 9.16)
79	ASOMAN	4	c 25	96	9	32	0.93 (0.39- 2.19)
80	GALLEG	1	c 30	90	2	48	8.00 (1.83- 34.92)
81	KURAHA	10	f -	-	-	-	1.26 (0.78- 2.03)
83	YANG	2	c -	-	-	-	2.00 (1.30- 3.00)
85	TSE	10	m -	-	-	-	0.90 (0.57- 1.41)
86	LIANG	2	f141	149	85	130	1.45 (1.01- 2.07)
87	BRENNE	13	c 50	247	101	199	0.40 (0.27- 0.59)
88	JIANG	1	c -	-	-	-	2.27 (1.23- 4.18)
90	KIYOHA	1	c 99	135	54	74	1.00 (0.65- 1.55)
92	LIM	1	f200	602	226	764	1.12 (0.90- 1.40)
93	LIN	7	f -	-	-	-	2.50 (1.66- 3.77)
95	ALZOUZ	3	c -	-	-	-	0.39 (0.18- 0.85)
96	GELAC	31	m 2	0	299	312	5.22~(0.25- 109.12)
96	GELAC	27	f -	-	-	-	1.30 (1.09- 1.56)
Subtotal 96							1.31 (1.09- 1.56)
97	MASJED	5	m 0	4	26	166	0.70~(0.04- 13.34)
97	MASJED	6	f 21	28	34	91	2.01 (1.01- 4.00)
Subtotal 97							1.90 (0.97- 3.72)
98	REN	2	f -	-	-	-	1.20 (0.99- 1.46)
99	SEKI	7	m -	-	-	-	1.29 (0.34- 4.91)
99	SEKI	20	f -	-	-	-	1.31 (0.99- 1.72)
Subtotal 99							1.31 (1.00- 1.72)
100	WHIOS	1	f -	-	-	-	0.88 (0.52- 1.49)
101	ILCCO	16	c -	-	-	-	1.20 (1.08- 1.34)
102	TORRES	2	c -	-	-	-	0.71 (0.48- 1.05)
Partial Totals			1422	3203	1275	3015	

*prospective study

Yes		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)
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)
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)
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)
37	LAYARD	2	m -	-	-	-	1.47 (0.55- 3.94)
37	LAYARD	4	f -	-	-	-	0.58 (0.30- 1.13)
Subtotal 37							0.78 (0.45- 1.34)
39	KABAT2	4	m -	-	-	-	1.60 (0.67- 3.82)
39	KABAT2	6	f -	-	-	-	1.08 (0.60- 1.94)

 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 39
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By marital status considered as a confounder in the study or not - adjusted

			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
Subtotal 39							1.22 (0.75- 1.99)	
44	CARDEN	12	m -	-	-	-	1.10 (0.60- 1.80)	
44	CARDEN	10	f -	-	-	-	1.20 (0.80- 1.60)	
Subtotal 44							1.17 (0.87- 1.57)	
47	BOFFET	7	m -	-	-	-	1.47 (0.81- 2.66)	
47	BOFFET	9	f -	-	-	-	1.11 (0.88- 1.39)	
Subtotal 47							1.15 (0.93- 1.42)	
76	HILL1	3	m -	-	-	-	1.08 (0.56- 2.09)	
76	HILL1	2	f -	-	-	-	1.00 (0.49- 2.01)	
Subtotal 76							1.04 (0.64- 1.69)	
77	HILL2	1	m -	-	-	-	1.45 (0.75- 2.81)	
77	HILL2	3	f -	-	-	-	1.38 (0.78- 2.41)	
Subtotal 77							1.41 (0.92- 2.16)	
91	HE	2	m -	-	-	-	1.86 (0.45- 7.73)	
91	HE	4	f -	-	-	-	2.07 (0.23- 18.34)	
Subtotal 91							1.92 (0.58- 6.33)	
Partial Totals			159	95051	120	82182		

*prospective study

	No	Yes	Total
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Relative risks

N	89	30	119
NS	77	18	95
Wt	2026.85	332.59	2359.44
Het Chi	193.84	19.22	214.72
Het df	88	29	118
Het P	***	N.S.	***
Fixed RR	1.17	1.26	1.18
RRl	1.12	1.13	1.14
RRu	1.22	1.41	1.23
P	+++	+++	+++
Random RR	1.19	1.26	1.21
RRl	1.11	1.13	1.14
RRu	1.29	1.41	1.29
P	+++	+++	+++
Asymm P	N.S.	(*)	(*)
Between Chi		1.66	1.66
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 40
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By any study results available on dose-response or not - adjusted

		Numbers exposed				Non-exposed		RR	95.00%CI
StN	Ref	NRR	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	SCHOEN	2	f -	-	-	-	1.07 (0.70-	1.64)	
26	SVENSS	5	f -	-	-	-	1.36 (0.53-	3.49)	
29	SOBUE	2	f -	-	-	-	1.13 (0.78-	1.63)	
30	WU-WIL	4	f -	-	-	-	0.70 (0.60-	0.90)	
31	LIUZ	2	f -	-	-	-	0.77 (0.30-	1.96)	
40	SCHWAR	8	c -	-	-	-	1.10 (0.80-	1.60)	
41	SUN	2	f -	-	-	-	1.16 (0.80-	1.69)	
42	WANGS	1	f 67	60	15	34	2.53 (1.26-	5.10)	
46	AUVINE	2	m -	-	-	-	0.69 (0.28-	1.74)	
53	SPEIZE	1	f -	-	-	-	1.50 (0.30-	6.30)	
59	LAGARD	6	c -	-	-	-	1.15 (0.91-	1.45)	
60	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)	
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)	
72	RYLAND	3	c -	-	-	-	1.37 (0.72-	2.61)	
76	HILL1	3	m -	-	-	-	1.08 (0.56-	2.09)	
76	HILL1	2	f -	-	-	-	1.00 (0.49-	2.01)	
Subtotal 76							1.04 (0.64-	1.69)	
77	HILL2	1	m -	-	-	-	1.45 (0.75-	2.81)	
77	HILL2	3	f -	-	-	-	1.38 (0.78-	2.41)	
Subtotal 77							1.41 (0.92-	2.16)	
78	LOPEZC	1	c 35	141	1	4	0.99 (0.11-	9.16)	
79	ASOMAN	4	c 25	96	9	32	0.93 (0.39-	2.19)	
80	GALLEG	1	c 30	90	2	48	8.00 (1.83-	34.92)	
83	YANG	2	c -	-	-	-	2.00 (1.30-	3.00)	
86	LIANG	2	f141	149	85	130	1.45 (1.01-	2.07)	
88	JIANG	1	c -	-	-	-	2.27 (1.23-	4.18)	
90	KIYOHA	1	c 99	135	54	74	1.00 (0.65-	1.55)	
92	LIM	1	f200	602	226	764	1.12 (0.90-	1.40)	
97	MASJED	5	m 0	4	26	166	0.70~(0.04-	13.34)	
97	MASJED	6	f 21	28	34	91	2.01 (1.01-	4.00)	
Subtotal 97							1.90 (0.97-	3.72)	
98	REN	2	f -	-	-	-	1.20 (0.99-	1.46)	
99	SEKI	7	m -	-	-	-	1.29 (0.34-	4.91)	
99	SEKI	20	f -	-	-	-	1.31 (0.99-	1.72)	
Subtotal 99							1.31 (1.00-	1.72)	
Partial Totals			759	1546	581	1585			

*prospective study

No assoc - no results presente

		Numbers exposed				Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont			
10	WU	3	f -	-	-	-	1.20 (0.50-	3.30)	
100	WHIOS	1	f -	-	-	-	0.88 (0.52-	1.49)	
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 40
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By any study results available on dose-response or not - adjusted

Results presented

StN	Ref	NRR	Numbers 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)
27	JANERI	4	c -	-	-	-	0.75 (0.48-	1.18)
28	KALAND	3	f -	-	-	-	2.11 (1.09-	4.08)
32	BROWN2	4	f -	-	-	-	1.00 (0.80-	1.20)
33	STOCKW	3	f -	-	-	-	1.60 (0.80-	3.00)
34	DU	1	f 47	154	28	100	1.09 (0.64-	1.85)
35	LIUQ	2	f -	-	-	-	1.72 (0.77-	3.87)
36	FONTHA	6	f -	-	-	-	1.29 (1.04-	1.60)
37	LAYARD	2	m -	-	-	-	1.47 (0.55-	3.94)
37	LAYARD	4	f -	-	-	-	0.58 (0.30-	1.13)
Subtotal 37							0.78 (0.45-	1.34)
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84-	7.85)
39	KABAT2	4	m -	-	-	-	1.60 (0.67-	3.82)
39	KABAT2	6	f -	-	-	-	1.08 (0.60-	1.94)
Subtotal 39							1.22 (0.75-	1.99)
43	WANGT	2	f 92	89	43	46	1.11 (0.67-	1.84)
44	CARDEN	12	m -	-	-	-	1.10 (0.60-	1.80)
44	CARDEN	10	f -	-	-	-	1.20 (0.80-	1.60)
Subtotal 44							1.17 (0.87-	1.57)
45	ZHENG	1	m 8	12	17	17	0.67 (0.22-	2.04)
45	ZHENG	2	f 62	179	7	51	2.52 (1.09-	5.85)
Subtotal 45							1.56 (0.80-	3.06)
47	BOFFET	7	m -	-	-	-	1.47 (0.81-	2.66)
47	BOFFET	9	f -	-	-	-	1.11 (0.88-	1.39)
Subtotal 47							1.15 (0.93-	1.42)
48	SHEN	1	f 56	59	14	11	0.75 (0.31-	1.78)
49	ZARIDZ	4	f -	-	-	-	1.53 (1.06-	2.21)
50	BOFFE2	12	c -	-	-	-	1.00 (0.50-	1.80)
51	JEE	4	f -	-	-	-	1.72 (0.93-	3.18)
52	RAPITI	2	f -	-	-	-	1.20 (0.50-	2.90)
54	ZHONG	2	f -	-	-	-	1.10 (0.80-	1.50)
55	LEECH	8	f -	-	-	-	1.87 (1.29-	2.71)
56	MALATS	12	c -	-	-	-	1.50 (0.80-	2.60)
57	WANGL	34	m -	-	-	-	0.56 (0.20-	1.40)
57	WANGL	36	f -	-	-	-	1.03 (0.60-	1.70)
Subtotal 57							0.90 (0.57-	1.42)
58	JOHNSO	8	f -	-	-	-	1.20 (0.62-	2.30)
61	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)

 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 40
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By any study results available on dose-response or not - adjusted

Results presented

StN	Ref	NRR	Numbers Case	exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
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 -	-	-	-	1.36	(1.01- 1.85)
73	WEN	1	f -	-	-	-	1.77	(1.07- 2.92)
74	YU	1	f -	-	-	-	1.09	(0.74- 1.61)
74	YU	1	f -	-	-	-	1.35	(0.70- 2.63)
81	KURAHA	10	f -	-	-	-	1.26	(0.78- 2.03)
85	TSE	10	m -	-	-	-	1.26	(0.78- 2.03)
87	BRENNE	13	c 50	247	101	199	0.90	(0.57- 1.41)
91	HE	2	m -	-	-	-	0.40	(0.27- 0.59)
91	HE	4	f -	-	-	-	1.86	(0.45- 7.73)
91	HE	4	f -	-	-	-	2.07	(0.23- 18.34)
Subtotal 91								
93	LIN	7	f -	-	-	-	1.92	(0.58- 6.33)
95	ALZOUG	3	c -	-	-	-	2.50	(1.66- 3.77)
96	GELAC	31	m 2	0	299	312	0.39	(0.18- 0.85)
96	GELAC	27	f -	-	-	-	5.22~	(0.25- 109.12)
Subtotal 96								
101	ILCCO	16	c -	-	-	-	1.30	(1.09- 1.56)
102	TORRES	2	c -	-	-	-	1.31	(1.09- 1.56)
Partial Totals			822	96708	814	83612	1.20	(1.08- 1.34)
Partial Totals							0.71	(0.48- 1.05)

*prospective study

None No assoc Sig assoc Results Total

Relative risks

N	46	2	71	119
NS	38	2	55	95
Wt	815.18	18.18	1526.08	2359.44
Het Chi	75.96	0.32	135.07	214.72
Het df	45	1	70	118
Het P	**	N.S.	***	***
Fixed RR	1.13	0.95	1.21	1.18
RRl	1.06	0.60	1.15	1.14
RRu	1.21	1.50	1.28	1.23
P	+++	N.S.	+++	+++
Random RR	1.18	0.95	1.24	1.21
RRl	1.06	0.60	1.14	1.14
RRu	1.31	1.50	1.35	1.29
P	++	N.S.	+++	+++
Asymm P	N.S.		N.S.	(*)
Between Chi		0.57	2.47	3.37
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

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Table 41
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By spouse the index or not - adjusted

Yes			Numbers exposed Non-exposed				RR	95.00%CI
StN	Ref	NRR	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)	
25	SCHOEN	2	f -	-	-	-	1.07 (0.70- 1.64)	
27	JANERI	4	c -	-	-	-	0.75 (0.48- 1.18)	
28	KALAND	3	f -	-	-	-	2.11 (1.09- 4.08)	
29	SOBUE	2	f -	-	-	-	1.13 (0.78- 1.63)	
30	WU-WIL	4	f -	-	-	-	0.70 (0.60- 0.90)	
32	BROWN2	4	f -	-	-	-	1.00 (0.80- 1.20)	
33	STOCKW	3	f -	-	-	-	1.60 (0.80- 3.00)	
34	DU	1	f 47	154	28	100	1.09 (0.64- 1.85)	
35	LIUQ	2	f -	-	-	-	1.72 (0.77- 3.87)	
36	FONTHA	6	f -	-	-	-	1.29 (1.04- 1.60)	
37	LAYARD	2	m -	-	-	-	1.47 (0.55- 3.94)	
37	LAYARD	4	f -	-	-	-	0.58 (0.30- 1.13)	
Subtotal 37							0.78 (0.45- 1.34)	
39	KABAT2	4	m -	-	-	-	1.60 (0.67- 3.82)	
39	KABAT2	6	f -	-	-	-	1.08 (0.60- 1.94)	
Subtotal 39							1.22 (0.75- 1.99)	
41	SUN	2	f -	-	-	-	1.16 (0.80- 1.69)	
43	WANGT	2	f 92	89	43	46	1.11 (0.67- 1.84)	
44	CARDEN	12	m -	-	-	-	1.10 (0.60- 1.80)	
44	CARDEN	10	f -	-	-	-	1.20 (0.80- 1.60)	
Subtotal 44							1.17 (0.87- 1.57)	
47	BOFFET	7	m -	-	-	-	1.47 (0.81- 2.66)	
47	BOFFET	9	f -	-	-	-	1.11 (0.88- 1.39)	
Subtotal 47							1.15 (0.93- 1.42)	
49	ZARIDZ	4	f -	-	-	-	1.53 (1.06- 2.21)	
50	BOFFE2	12	c -	-	-	-	1.00 (0.50- 1.80)	
51	JEE	4	f -	-	-	-	1.72 (0.93- 3.18)	
52	RAPITI	2	f -	-	-	-	1.20 (0.50- 2.90)	
54	ZHONG	2	f -	-	-	-	1.10 (0.80- 1.50)	
55	LEECH	8	f -	-	-	-	1.87 (1.29- 2.71)	
56	MALATS	12	c -	-	-	-	1.50 (0.80- 2.60)	
60	NISHIN	2	f -	-	-	-	1.80 (0.67- 4.60)	

 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 41
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By spouse the index or not - adjusted

		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case			Cont
61	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)
73	WEN	1	f -	-	-	-	1.09 (0.74- 1.61)
81	KURAHA	10	f -	-	-	-	1.26 (0.78- 2.03)
90	KIYOHA	1	c 99	135	54	74	1.00 (0.65- 1.55)
95	ALZOUG	3	c -	-	-	-	0.39 (0.18- 0.85)
96	GELAC	31	m 2	0	299	312	5.22~(0.25- 109.12)
96	GELAC	27	f -	-	-	-	1.30 (1.09- 1.56)
Subtotal 96							1.31 (1.09- 1.56)
97	MASJED	5	m 0	4	26	166	0.70~(0.04- 13.34)
97	MASJED	6	f 21	28	34	91	2.01 (1.01- 4.00)
Subtotal 97							1.90 (0.97- 3.72)
99	SEKI	7	m -	-	-	-	1.29 (0.34- 4.91)
99	SEKI	20	f -	-	-	-	1.31 (0.99- 1.72)
Subtotal 99							1.31 (1.00- 1.72)
Partial Totals			850	96275	900	83774	

*prospective study

		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)
26	SVENSS	5	f -	-	-	-	1.36 (0.53- 3.49)
31	LIUZ	2	f -	-	-	-	0.77 (0.30- 1.96)
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84- 7.85)
40	SCHWAR	8	c -	-	-	-	1.10 (0.80- 1.60)
42	WANGS	1	f 67	60	15	34	2.53 (1.26- 5.10)
45	ZHENG	1	m 8	12	17	17	0.67 (0.22- 2.04)
45	ZHENG	2	f 62	179	7	51	2.52 (1.09- 5.85)
Subtotal 45							1.56 (0.80- 3.06)
46	AUVINE	2	m -	-	-	-	0.69 (0.28- 1.74)
48	SHEN	1	f 56	59	14	11	0.75 (0.31- 1.78)
53	SPEIZE	1	f -	-	-	-	1.50 (0.30- 6.30)
57	WANGL	34	m -	-	-	-	0.56 (0.20- 1.40)
57	WANGL	36	f -	-	-	-	1.03 (0.60- 1.70)
Subtotal 57							0.90 (0.57- 1.42)
58	JOHNSO	8	f -	-	-	-	1.20 (0.62- 2.30)
59	LAGARD	6	c -	-	-	-	1.15 (0.91- 1.45)
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)
72	RYLAND	3	c -	-	-	-	1.37 (0.72- 2.61)
74	YU	1	f -	-	-	-	1.35 (0.70- 2.63)
76	HILL1	3	m -	-	-	-	1.08 (0.56- 2.09)
76	HILL1	2	f -	-	-	-	1.00 (0.49- 2.01)
Subtotal 76							1.04 (0.64- 1.69)
77	HILL2	1	m -	-	-	-	1.45 (0.75- 2.81)
77	HILL2	3	f -	-	-	-	1.38 (0.78- 2.41)
Subtotal 77							1.41 (0.92- 2.16)
78	LOPEZC	1	c 35	141	1	4	0.99 (0.11- 9.16)

 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 41
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By spouse the index or not - adjusted

		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	Case	Cont	Case	Cont		
79	ASOMAN	4	c 25	96	9	32	0.93 (0.39- 2.19)
80	GALLEG	1	c 30	90	2	48	8.00 (1.83- 34.92)
83	YANG	2	c -	-	-	-	2.00 (1.30- 3.00)
85	TSE	10	m -	-	-	-	0.90 (0.57- 1.41)
86	LIANG	2	f141	149	85	130	1.45 (1.01- 2.07)
87	BRENNE	13	c 50	247	101	199	0.40 (0.27- 0.59)
88	JIANG	1	c -	-	-	-	2.27 (1.23- 4.18)
91	HE	2	m -	-	-	-	1.86 (0.45- 7.73)
91	HE	4	f -	-	-	-	2.07 (0.23- 18.34)
Subtotal 91							1.92 (0.58- 6.33)
92	LIM	1	f200	602	226	764	1.12 (0.90- 1.40)
93	LIN	7	f -	-	-	-	2.50 (1.66- 3.77)
98	REN	2	f -	-	-	-	1.20 (0.99- 1.46)
100	WHIOS	1	f -	-	-	-	0.88 (0.52- 1.49)
101	ILCCO	16	c -	-	-	-	1.20 (1.08- 1.34)
102	TORRES	2	c -	-	-	-	0.71 (0.48- 1.05)
Partial Totals			731	1979	495	1423	

*prospective study

Yes No Total

Relative risks

N	71	48	119
NS	55	40	95
Wt	1332.38	1027.06	2359.44
Het Chi	110.12	104.52	214.72
Het df	70	47	118
Het P	**	***	***
Fixed RR	1.18	1.19	1.18
RRl	1.11	1.12	1.14
RRu	1.24	1.27	1.23
P	+++	+++	+++
Random RR	1.21	1.20	1.21
RRl	1.12	1.07	1.14
RRu	1.31	1.35	1.29
P	+++	++	+++
Asymm P	*	N.S.	(*)
Between Chi		0.08	0.08
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), 17-NOV-15
 Both sexes

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

Never			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)	
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)	
25	SCHOEN	2	f -	-	-	-	1.07 (0.70- 1.64)	
28	KALAND	3	f -	-	-	-	2.11 (1.09- 4.08)	
29	SOBUE	2	f -	-	-	-	1.13 (0.78- 1.63)	
30	WU-WILL	4	f -	-	-	-	0.70 (0.60- 0.90)	
32	BROWN2	4	f -	-	-	-	1.00 (0.80- 1.20)	
34	DU	1	f 47	154	28	100	1.09 (0.64- 1.85)	
35	LIUQ	2	f -	-	-	-	1.72 (0.77- 3.87)	
39	KABAT2	4	m -	-	-	-	1.60 (0.67- 3.82)	
39	KABAT2	6	f -	-	-	-	1.08 (0.60- 1.94)	
Subtotal 39							1.22 (0.75- 1.99)	
40	SCHWAR	8	c -	-	-	-	1.10 (0.80- 1.60)	
41	SUN	2	f -	-	-	-	1.16 (0.80- 1.69)	
42	WANGS	1	f 67	60	15	34	2.53 (1.26- 5.10)	
43	WANGT	2	f 92	89	43	46	1.11 (0.67- 1.84)	
44	CARDEN	12	m -	-	-	-	1.10 (0.60- 1.80)	
44	CARDEN	10	f -	-	-	-	1.20 (0.80- 1.60)	
Subtotal 44							1.17 (0.87- 1.57)	
46	AUVINE	2	m -	-	-	-	0.69 (0.28- 1.74)	
48	SHEN	1	f 56	59	14	11	0.75 (0.31- 1.78)	
49	ZARIDZ	4	f -	-	-	-	1.53 (1.06- 2.21)	
53	SPEIZE	1	f -	-	-	-	1.50 (0.30- 6.30)	
60	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)	
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 42
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes

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

Never			Numbers exposed		Non-exposed		RR	95.00%CI	
StN	Ref	NRR	Case	Cont	Case	Cont			
72	RYLAND	3	c	-	-	-	1.37 (0.72-	2.61)	
73	WEN	1	f	-	-	-	1.09 (0.74-	1.61)	
80	GALLEG	1	c	30	90	2	48	8.00 (1.83-	34.92)
81	KURAHA	10	f	-	-	-	-	1.26 (0.78-	2.03)
86	LIANG	2	f	141	149	85	130	1.45 (1.01-	2.07)
88	JIANG	1	c	-	-	-	-	2.27 (1.23-	4.18)
90	KIYOHA	1	c	99	135	54	74	1.00 (0.65-	1.55)
93	LIN	7	f	-	-	-	-	2.50 (1.66-	3.77)
98	REN	2	f	-	-	-	-	1.20 (0.99-	1.46)
99	SEKI	7	m	-	-	-	-	1.29 (0.34-	4.91)
99	SEKI	20	f	-	-	-	-	1.31 (0.99-	1.72)
Subtotal 99								1.31 (1.00-	1.72)
100	WHIOS	1	f	-	-	-	-	0.88 (0.52-	1.49)
Partial Totals				956	1789	522	1452		

*prospective study

Other			Numbers exposed		Non-exposed		RR	95.00%CI	
StN	Ref	NRR	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	f	115	152	84	183	1.65 (1.16-	2.35)
26	SVENSS	5	f	-	-	-	-	1.36 (0.53-	3.49)
27	JANERI	4	c	-	-	-	-	0.75 (0.48-	1.18)
31	LIUZ	2	f	-	-	-	-	0.77 (0.30-	1.96)
33	STOCKW	3	f	-	-	-	-	1.60 (0.80-	3.00)
36	FONTHA	6	f	-	-	-	-	1.29 (1.04-	1.60)
37	LAYARD	2	m	-	-	-	-	1.47 (0.55-	3.94)
37	LAYARD	4	f	-	-	-	-	0.58 (0.30-	1.13)
Subtotal 37								0.78 (0.45-	1.34)
38	DEWAAR	1	f	19	124	4	67	2.57 (0.84-	7.85)
45	ZHENG	1	m	8	12	17	17	0.67 (0.22-	2.04)
45	ZHENG	2	f	62	179	7	51	2.52 (1.09-	5.85)
Subtotal 45								1.56 (0.80-	3.06)
47	BOFFET	7	m	-	-	-	-	1.47 (0.81-	2.66)
47	BOFFET	9	f	-	-	-	-	1.11 (0.88-	1.39)
Subtotal 47								1.15 (0.93-	1.42)
50	BOFFE2	12	c	-	-	-	-	1.00 (0.50-	1.80)
51	JEE	4	f	-	-	-	-	1.72 (0.93-	3.18)
52	RAPITI	2	f	-	-	-	-	1.20 (0.50-	2.90)
54	ZHONG	2	f	-	-	-	-	1.10 (0.80-	1.50)
55	LEECH	8	f	-	-	-	-	1.87 (1.29-	2.71)
56	MALATS	12	c	-	-	-	-	1.50 (0.80-	2.60)
57	WANGL	34	m	-	-	-	-	0.56 (0.20-	1.40)
57	WANGL	36	f	-	-	-	-	1.03 (0.60-	1.70)
Subtotal 57								0.90 (0.57-	1.42)
58	JOHNSO	8	f	-	-	-	-	1.20 (0.62-	2.30)
59	LAGARD	6	c	-	-	-	-	1.15 (0.91-	1.45)
61	OHNO	6	f	-	-	-	-	1.00 (0.67-	1.49)
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)
74	YU	1	f	-	-	-	-	1.35 (0.70-	2.63)
76	HILL1	3	m	-	-	-	-	1.08 (0.56-	2.09)
76	HILL1	2	f	-	-	-	-	1.00 (0.49-	2.01)
Subtotal 76								1.04 (0.64-	1.69)
77	HILL2	1	m	-	-	-	-	1.45 (0.75-	2.81)
77	HILL2	3	f	-	-	-	-	1.38 (0.78-	2.41)

 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), 17-NOV-15
 Both sexes
 By never smoker definition - adjusted
 Never smoker definition 'Other' may include 'Smoked for a limited period' or 'Smoked occasionally'

Other			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
Subtotal 77								
78	LOPEZC	1	c 35	141	1	4	1.41 (0.92-	2.16)
79	ASOMAN	4	c 25	96	9	32	0.93 (0.39-	2.19)
83	YANG	2	c -	-	-	-	2.00 (1.30-	3.00)
85	TSE	10	m -	-	-	-	0.90 (0.57-	1.41)
87	BRENNE	13	c 50	247	101	199	0.40 (0.27-	0.59)
91	HE	2	m -	-	-	-	1.86 (0.45-	7.73)
91	HE	4	f -	-	-	-	2.07 (0.23-	18.34)
Subtotal 91								
92	LIM	1	f200	602	226	764	1.12 (0.90-	1.40)
95	ALZOUG	3	c -	-	-	-	0.39 (0.18-	0.85)
96	GELAC	31	m 2	0	299	312	5.22~(0.25-	109.12)
96	GELAC	27	f -	-	-	-	1.30 (1.09-	1.56)
Subtotal 96								
97	MASJED	5	m 0	4	26	166	0.70~(0.04-	13.34)
97	MASJED	6	f 21	28	34	91	2.01 (1.01-	4.00)
Subtotal 97								
101	ILCCO	16	c -	-	-	-	1.20 (1.08-	1.34)
102	TORRES	2	c -	-	-	-	0.71 (0.48-	1.05)
Partial Totals			625	96465	873	83745		
*prospective study								

		Never	Other	Total
Relative risks				
	N	66	53	119
	NS	54	41	95
	Wt	1093.23	1266.21	2359.44
	Het Chi	109.81	104.43	214.72
	Het df	65	52	118
	Het P	***	***	***
Fixed	RR	1.20	1.17	1.18
	RRl	1.13	1.10	1.14
	RRu	1.27	1.23	1.23
	P	+++	+++	+++
Random	RR	1.27	1.14	1.21
	RRl	1.17	1.04	1.14
	RRu	1.39	1.26	1.29
	P	+++	++	+++
Asymm	P	**	N.S.	(*)
Between	Chi		0.48	0.48
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 43
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By interview method/setting - adjusted

Hospital			Numbers exposed				Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	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)	
28	KALAND	3	f -	-	-	-			2.11 (1.09- 4.08)	
39	KABAT2	4	m -	-	-	-			1.60 (0.67- 3.82)	
39	KABAT2	6	f -	-	-	-			1.08 (0.60- 1.94)	
Subtotal 39									1.22 (0.75- 1.99)	
42	WANGS	1	f 67	60	15	34			2.53 (1.26- 5.10)	
49	ZARIDZ	4	f -	-	-	-			1.53 (1.06- 2.21)	
52	RAPITI	2	f -	-	-	-			1.20 (0.50- 2.90)	
55	LEECH	8	f -	-	-	-			1.87 (1.29- 2.71)	
64	ZATLOU	6	f -	-	-	-			0.48 (0.21- 1.09)	
78	LOPEZC	1	c 35	141	1	4			0.99 (0.11- 9.16)	
79	ASOMAN	4	c 25	96	9	32			0.93 (0.39- 2.19)	
93	LIN	7	f -	-	-	-			2.50 (1.66- 3.77)	
96	GELAC	31	m 2	0	299	312			5.22~(0.25- 109.12)	
96	GELAC	27	f -	-	-	-			1.30 (1.09- 1.56)	
Subtotal 96									1.31 (1.09- 1.56)	
97	MASJED	5	m 0	4	26	166			0.70~(0.04- 13.34)	
97	MASJED	6	f 21	28	34	91			2.01 (1.01- 4.00)	
Subtotal 97									1.90 (0.97- 3.72)	
98	REN	2	f -	-	-	-			1.20 (0.99- 1.46)	
102	TORRES	2	c -	-	-	-			0.71 (0.48- 1.05)	
Partial Totals			383	849	542	1066				

*prospective study

Home			Numbers exposed				Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	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)	
25	SCHOEN	2	f -	-	-	-			1.07 (0.70- 1.64)	
35	LIUQ	2	f -	-	-	-			1.72 (0.77- 3.87)	
37	LAYARD	2	m -	-	-	-			1.47 (0.55- 3.94)	
37	LAYARD	4	f -	-	-	-			0.58 (0.30- 1.13)	
Subtotal 37									0.78 (0.45- 1.34)	
44	CARDEN	12	m -	-	-	-			1.10 (0.60- 1.80)	
44	CARDEN	10	f -	-	-	-			1.20 (0.80- 1.60)	
Subtotal 44									1.17 (0.87- 1.57)	
73	WEN	1	f -	-	-	-			1.09 (0.74- 1.61)	
Partial Totals			38	220	14	66				

*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 43
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By interview method/setting - adjusted

Telephone

StN	Ref	NRR	Numbers 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)
32	BROWN2	4	f -	-	-	-	1.00 (0.80-	1.20)
40	SCHWAR	8	c -	-	-	-	1.10 (0.80-	1.60)
Partial Totals			0	0	0	0		

*prospective study

Self-completion

StN	Ref	NRR	Numbers 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)
29	SOBUE	2	f -	-	-	-	1.13 (0.78-	1.63)
46	AUVINE	2	m -	-	-	-	0.69 (0.28-	1.74)
51	JEE	4	f -	-	-	-	1.72 (0.93-	3.18)
53	SPEIZE	1	f -	-	-	-	1.50 (0.30-	6.30)
58	JOHNSO	8	f -	-	-	-	1.20 (0.62-	2.30)
60	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)
76	HILL1	3	m -	-	-	-	1.08 (0.56-	2.09)
76	HILL1	2	f -	-	-	-	1.00 (0.49-	2.01)
Subtotal 76							1.04 (0.64-	1.69)
77	HILL2	1	m -	-	-	-	1.45 (0.75-	2.81)
77	HILL2	3	f -	-	-	-	1.38 (0.78-	2.41)
Subtotal 77							1.41 (0.92-	2.16)
81	KURAHA	10	f -	-	-	-	1.26 (0.78-	2.03)
90	KIYOHA	1	c 99	135	54	74	1.00 (0.65-	1.55)
99	SEKI	7	m -	-	-	-	1.29 (0.34-	4.91)
99	SEKI	20	f -	-	-	-	1.31 (0.99-	1.72)
Subtotal 99							1.31 (1.00-	1.72)
Partial Totals			239	95106	157	82005		

*prospective study

Othr/unkn

StN	Ref	NRR	Numbers 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)
26	SVENSS	5	f -	-	-	-	1.36 (0.53-	3.49)
27	JANERI	4	c -	-	-	-	0.75 (0.48-	1.18)
30	WU-WIL	4	f -	-	-	-	0.70 (0.60-	0.90)
31	LIUZ	2	f -	-	-	-	0.77 (0.30-	1.96)
33	STOCKW	3	f -	-	-	-	1.60 (0.80-	3.00)
34	DU	1	f 47	154	28	100	1.09 (0.64-	1.85)
36	FONTHA	6	f -	-	-	-	1.29 (1.04-	1.60)
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84-	7.85)
41	SUN	2	f -	-	-	-	1.16 (0.80-	1.69)
43	WANGT	2	f 92	89	43	46	1.11 (0.67-	1.84)
45	ZHENG	1	m 8	12	17	17	0.67 (0.22-	2.04)
45	ZHENG	2	f 62	179	7	51	2.52 (1.09-	5.85)
Subtotal 45							1.56 (0.80-	3.06)

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

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Table 43
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By interview method/setting - adjusted

Othr/unkn		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case			Cont
47	BOFFET	7	m -	-	-	-	1.47 (0.81- 2.66)
47	BOFFET	9	f -	-	-	-	1.11 (0.88- 1.39)
Subtotal 47							
48	SHEN	1	f 56	59	14	11	0.75 (0.31- 1.78)
50	BOFFE2	12	c -	-	-	-	1.00 (0.50- 1.80)
54	ZHONG	2	f -	-	-	-	1.10 (0.80- 1.50)
56	MALATS	12	c -	-	-	-	1.50 (0.80- 2.60)
57	WANGL	34	m -	-	-	-	0.56 (0.20- 1.40)
57	WANGL	36	f -	-	-	-	1.03 (0.60- 1.70)
Subtotal 57							
59	LAGARD	6	c -	-	-	-	0.90 (0.57- 1.42)
61	OHNO	6	f -	-	-	-	1.15 (0.91- 1.45)
65	IARCKR	3	m -	-	-	-	1.00 (0.67- 1.49)
65	IARCKR	2	f -	-	-	-	0.40 (0.10- 3.00)
Subtotal 65							
66	MCGHEE	1	m -	-	-	-	0.80 (0.50- 1.30)
66	MCGHEE	2	f -	-	-	-	0.76 (0.48- 1.20)
Subtotal 66							
68	FANG	2	f -	-	-	-	1.36 (1.01- 1.85)
69	FRANCO	1	c -	-	-	-	1.77 (1.07- 2.92)
70	GORLOV	1	m -	-	-	-	1.80 (1.10- 3.00)
70	GORLOV	2	f -	-	-	-	1.41 (0.60- 3.30)
Subtotal 70							
72	RYLAND	3	c -	-	-	-	1.15 (0.63- 2.10)
74	YU	1	f -	-	-	-	1.23 (0.75- 2.01)
80	GALLEG	1	c 30	90	2	48	1.37 (0.72- 2.61)
83	YANG	2	c -	-	-	-	1.35 (0.70- 2.63)
85	TSE	10	m -	-	-	-	8.00 (1.83- 34.92)
86	LIANG	2	f 141	149	85	130	2.00 (1.30- 3.00)
87	BRENNE	13	c 50	247	101	199	0.90 (0.57- 1.41)
88	JIANG	1	c -	-	-	-	1.45 (1.01- 2.07)
91	HE	2	m -	-	-	-	0.40 (0.27- 0.59)
91	HE	4	f -	-	-	-	2.27 (1.23- 4.18)
Subtotal 91							
92	LIM	1	f 200	602	226	764	1.86 (0.45- 7.73)
95	ALZOUG	3	c -	-	-	-	2.07 (0.23- 18.34)
100	WHIOS	1	f -	-	-	-	1.92 (0.58- 6.33)
101	ILCCO	16	c -	-	-	-	1.12 (0.90- 1.40)
Partial Totals							
			921	2079	682	2060	

*prospective study

	Hospital	Home Telephone	Self-comp	Othr/unkn	Total
Relative risks					
N	25	15	4	21	54
NS	20	10	4	17	44
Wt	452.84	180.59	142.49	285.80	1297.72
Het Chi	48.51	14.54	0.59	12.78	128.57
Het df	24	14	3	20	53
Het P	**	N.S.	N.S.	N.S.	***
Fixed RR	1.33	1.22	1.04	1.15	1.15
RRl	1.21	1.06	0.89	1.03	1.09
RRu	1.46	1.42	1.23	1.29	1.22
P	+++	++	N.S.	+	+++
Random RR	1.36	1.22	1.04	1.15	1.20
RRl	1.15	1.05	0.89	1.03	1.08
RRu	1.59	1.42	1.23	1.29	1.33
P	+++	++	N.S.	+	+++
Asymm P	N.S.	N.S.	(*)	N.S.	N.S.
Between Chi		0.86	6.31	3.61	6.89
Between df		1	1	1	1
Between P		N.S.	-	(-)	--

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- 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), 17-NOV-15
 Both sexes
 By any proxy use or not - adjusted

No	StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont			
	1	GARFI1	f 88	94880	65	81859	1.17	(0.85-	1.61)
	2	CHAN	f 34	66	50	73	0.75	(0.43-	1.30)
	4	TRICHO	f 53	116	24	109	2.08	(1.20-	3.59)
	6	HIRAYA	m -	-	-	-	2.25	(1.05-	4.76)
	6	HIRAYA	f -	-	-	-	1.45	(1.02-	2.08)
	Subtotal 6						1.57	(1.14-	2.17)
	7	KABAT1	m 5	5	7	7	1.00	(0.20-	5.07)
	7	KABAT1	f 13	15	11	10	0.79	(0.25-	2.45)
	Subtotal 7						0.85	(0.34-	2.16)
	9	LAMW	f 37	64	23	80	2.01	(1.09-	3.72)
	10	WU	f -	-	-	-	1.20	(0.50-	3.30)
	12	LEE	m -	-	-	-	1.30	(0.38-	4.39)
	12	LEE	f -	-	-	-	1.00	(0.37-	2.71)
	Subtotal 12						1.11	(0.51-	2.40)
	14	GAO	f -	-	-	-	1.30	(0.87-	1.94)
	16	KOO	f -	-	-	-	1.64	(0.87-	3.09)
	17	LAMT	f 115	152	84	183	1.65	(1.16-	2.35)
	19	BUTLER	f -	-	-	-	2.02	(0.48-	8.56)
	22	SHIMIZ	f 52	91	38	72	1.08	(0.64-	1.82)
	23	CHOI	m 2	6	11	90	2.73	(0.49-	15.21)
	23	CHOI	f 49	88	26	76	1.63	(0.92-	2.87)
	Subtotal 23						1.71	(1.00-	2.93)
	24	HOLE	c -	-	-	-	2.41	(0.45-	12.83)
	26	SVENSS	f -	-	-	-	1.36	(0.53-	3.49)
	28	KALAND	f -	-	-	-	2.11	(1.09-	4.08)
	29	SOBUE	f -	-	-	-	1.13	(0.78-	1.63)
	30	WU-WIL	f -	-	-	-	0.70	(0.60-	0.90)
	31	LIUZ	f -	-	-	-	0.77	(0.30-	1.96)
	35	LIUQ	f -	-	-	-	1.72	(0.77-	3.87)
	38	DEWAAR	f 19	124	4	67	2.57	(0.84-	7.85)
	39	KABAT2	m -	-	-	-	1.60	(0.67-	3.82)
	39	KABAT2	f -	-	-	-	1.08	(0.60-	1.94)
	Subtotal 39						1.22	(0.75-	1.99)
	41	SUN	f -	-	-	-	1.16	(0.80-	1.69)
	42	WANGS	f 67	60	15	34	2.53	(1.26-	5.10)
	43	WANGT	f 92	89	43	46	1.11	(0.67-	1.84)
	44	CARDEN	m -	-	-	-	1.10	(0.60-	1.80)
	44	CARDEN	f -	-	-	-	1.20	(0.80-	1.60)
	Subtotal 44						1.17	(0.87-	1.57)
	47	BOFFET	m -	-	-	-	1.47	(0.81-	2.66)
	47	BOFFET	f -	-	-	-	1.11	(0.88-	1.39)
	Subtotal 47						1.15	(0.93-	1.42)
	48	SHEN	f 56	59	14	11	0.75	(0.31-	1.78)
	49	ZARIDZ	f -	-	-	-	1.53	(1.06-	2.21)
	50	BOFFE2	c -	-	-	-	1.00	(0.50-	1.80)
	51	JEE	f -	-	-	-	1.72	(0.93-	3.18)
	52	RAPITI	f -	-	-	-	1.20	(0.50-	2.90)
	53	SPEIZE	f -	-	-	-	1.50	(0.30-	6.30)
	55	LEECH	f -	-	-	-	1.87	(1.29-	2.71)
	56	MALATS	c -	-	-	-	1.50	(0.80-	2.60)
	60	NISHIN	f -	-	-	-	1.80	(0.67-	4.60)
	61	OHNO	f -	-	-	-	1.00	(0.67-	1.49)
	63	ENSTRO	m -	-	-	-	0.63	(0.33-	1.22)
	63	ENSTRO	f -	-	-	-	0.94	(0.66-	1.33)
	Subtotal 63						0.86	(0.63-	1.17)
	64	ZATLOU	f -	-	-	-	0.48	(0.21-	1.09)
	65	IARCKR	m -	-	-	-	0.40	(0.10-	3.00)
	65	IARCKR	f -	-	-	-	0.80	(0.50-	1.30)
	Subtotal 65						0.76	(0.48-	1.20)
	67	EPICA	c -	-	-	-	0.84	(0.38-	1.90)
	68	FANG	f -	-	-	-	1.77	(1.07-	2.92)
	69	FRANCO	c -	-	-	-	1.80	(1.10-	3.00)
	70	GORLOV	m -	-	-	-	1.41	(0.60-	3.30)
	70	GORLOV	f -	-	-	-	1.15	(0.63-	2.10)
	Subtotal 70						1.23	(0.75-	2.01)
	72	RYLAND	c -	-	-	-	1.37	(0.72-	2.61)
	73	WEN	f -	-	-	-	1.09	(0.74-	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

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Table 44
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Both sexes
 By any proxy use or not - adjusted

No		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case			Cont
76	HILL1	3	m -	-	-	-	1.08 (0.56- 2.09)
76	HILL1	2	f -	-	-	-	1.00 (0.49- 2.01)
Subtotal 76							
77	HILL2	1	m -	-	-	-	1.45 (0.75- 2.81)
77	HILL2	3	f -	-	-	-	1.38 (0.78- 2.41)
Subtotal 77							
78	LOPEZC	1	c 35	141	1	4	0.99 (0.11- 9.16)
80	GALLEG	1	c 30	90	2	48	8.00 (1.83- 34.92)
81	KURAHA	10	f -	-	-	-	1.26 (0.78- 2.03)
85	TSE	10	m -	-	-	-	0.90 (0.57- 1.41)
86	LIANG	2	f141	149	85	130	1.45 (1.01- 2.07)
87	BRENNE	13	c 50	247	101	199	0.40 (0.27- 0.59)
90	KIYOHA	1	c 99	135	54	74	1.00 (0.65- 1.55)
91	HE	2	m -	-	-	-	1.86 (0.45- 7.73)
91	HE	4	f -	-	-	-	2.07 (0.23- 18.34)
Subtotal 91							
92	LIM	1	f200	602	226	764	1.12 (0.90- 1.40)
93	LIN	7	f -	-	-	-	2.50 (1.66- 3.77)
96	GELAC	31	m 2	0	299	312	5.22~(0.25- 109.12)
96	GELAC	27	f -	-	-	-	1.30 (1.09- 1.56)
Subtotal 96							
97	MASJED	5	m 0	4	26	166	0.70~(0.04- 13.34)
97	MASJED	6	f 21	28	34	91	2.01 (1.01- 4.00)
Subtotal 97							
98	REN	2	f -	-	-	-	1.20 (0.99- 1.46)
99	SEKI	7	m -	-	-	-	1.29 (0.34- 4.91)
99	SEKI	20	f -	-	-	-	1.31 (0.99- 1.72)
Subtotal 99							
100	WHIOS	1	f -	-	-	-	0.88 (0.52- 1.49)
101	ILCCO	16	c -	-	-	-	1.20 (1.08- 1.34)
102	TORRES	2	c -	-	-	-	0.71 (0.48- 1.05)
Partial Totals			1260	97211	1243	84505	

Yes		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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							
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							
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							
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							
18	PERSHA	2	f -	-	-	-	1.20 (0.70- 2.10)
21	INOUE	2	f -	-	-	-	2.25 (0.77- 8.85)
25	SCHOEN	2	f -	-	-	-	1.07 (0.70- 1.64)
27	JANERI	4	c -	-	-	-	0.75 (0.48- 1.18)
32	BROWN2	4	f -	-	-	-	1.00 (0.80- 1.20)
33	STOCKW	3	f -	-	-	-	1.60 (0.80- 3.00)
34	DU	1	f 47	154	28	100	1.09 (0.64- 1.85)
36	FONTHA	6	f -	-	-	-	1.29 (1.04- 1.60)
37	LAYARD	2	m -	-	-	-	1.47 (0.55- 3.94)
37	LAYARD	4	f -	-	-	-	0.58 (0.30- 1.13)
Subtotal 37							
40	SCHWAR	8	c -	-	-	-	1.10 (0.80- 1.60)
46	AUVINE	2	m -	-	-	-	0.69 (0.28- 1.74)
54	ZHONG	2	f -	-	-	-	1.10 (0.80- 1.50)
57	WANGL	34	m -	-	-	-	0.56 (0.20- 1.40)

 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), 17-NOV-15
 Both sexes
 By any proxy use or not - adjusted

Yes

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
57	WANGL	36	f -	-	-	-	1.03	(0.60- 1.70)
Subtotal 57							0.90	(0.57- 1.42)
58	JOHNSO	8	f -	-	-	-	1.20	(0.62- 2.30)
59	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)
74	YU	1	f -	-	-	-	1.35	(0.70- 2.63)
83	YANG	2	c -	-	-	-	2.00	(1.30- 3.00)
95	ALZOUG	3	c -	-	-	-	0.39	(0.18- 0.85)
Partial Totals			192	715	99	540		

*prospective study

Unknown

StN	Ref	NRR	Numbers 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)
45	ZHENG	1	m 8	12	17	17	0.67	(0.22- 2.04)
45	ZHENG	2	f 62	179	7	51	2.52	(1.09- 5.85)
Subtotal 45							1.56	(0.80- 3.06)
79	ASOMAN	4	c 25	96	9	32	0.93	(0.39- 2.19)
88	JIANG	1	c -	-	-	-	2.27	(1.23- 4.18)
Partial Totals			129	328	53	152		

*prospective study

No Yes Unknown Total

Relative risks

N	82	32	5	119
NS	66	25	4	95
Wt	1751.45	575.89	32.11	2359.44
Het Chi	161.03	41.52	6.73	214.72
Het df	81	31	4	118
Het P	***	(*)	N.S.	***
Fixed RR	1.18	1.15	1.75	1.18
RRl	1.13	1.06	1.24	1.14
RRu	1.24	1.25	2.48	1.23
P	+++	+++	++	+++
Random RR	1.22	1.15	1.66	1.21
RRl	1.13	1.04	1.05	1.14
RRu	1.32	1.28	2.64	1.29
P	+++	++	+	+++
Asymm P	N.S.	N.S.	N.S.	(*)
Between Chi		0.36	4.87	5.44
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 45
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 17-NOV-15
 Female
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Numbers 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)
25	SCHOEN	2	f -	-	-	-	1.07 (0.70-	1.64)
27	JANERI	3	f -	-	-	-	0.75 (0.47-	1.20)
28	KALAND	3	f -	-	-	-	2.11 (1.09-	4.08)
29	SOBUE	2	f -	-	-	-	1.13 (0.78-	1.63)
30	WU-WIL	4	f -	-	-	-	0.70 (0.60-	0.90)
32	BROWN2	4	f -	-	-	-	1.00 (0.80-	1.20)
33	STOCKW	3	f -	-	-	-	1.60 (0.80-	3.00)
34	DU	1	f 47	154	28	100	1.09 (0.64-	1.85)
35	LIUQ	2	f -	-	-	-	1.72 (0.77-	3.87)
36	FONTHA	6	f -	-	-	-	1.29 (1.04-	1.60)
37	LAYARD	4	f -	-	-	-	0.58 (0.30-	1.13)
39	KABAT2	6	f -	-	-	-	1.08 (0.60-	1.94)
41	SUN	2	f -	-	-	-	1.16 (0.80-	1.69)
43	WANGT	2	f 92	89	43	46	1.11 (0.67-	1.84)
44	CARDEN	10	f -	-	-	-	1.20 (0.80-	1.60)
47	BOFFET	9	f -	-	-	-	1.11 (0.88-	1.39)
49	ZARIDZ	4	f -	-	-	-	1.53 (1.06-	2.21)
50	BOFFE2	14	f -	-	-	-	1.00 (0.50-	1.90)
51	JEE	4	f -	-	-	-	1.72 (0.93-	3.18)
52	RAPITI	2	f -	-	-	-	1.20 (0.50-	2.90)
54	ZHONG	2	f -	-	-	-	1.10 (0.80-	1.50)
55	LEECH	8	f -	-	-	-	1.87 (1.29-	2.71)
56	MALATS	9	f -	-	-	-	1.50 (0.77-	2.91)
60	NISHIN	2	f -	-	-	-	1.80 (0.67-	4.60)
61	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)
73	WEN	1	f -	-	-	-	1.09 (0.74-	1.61)
81	KURAHA	10	f -	-	-	-	1.26 (0.78-	2.03)
90	KIYOHA	3	f -	-	-	-	1.01 (0.47-	2.17)
95	ALZOUG	2	f -	-	-	-	0.39 (0.15-	0.98)
96	GELAC	27	f -	-	-	-	1.30 (1.09-	1.56)
97	MASJED	6	f 21	28	34	91	2.01 (1.01-	4.00)
99	SEKI	20	f -	-	-	-	1.31 (0.99-	1.72)
Partial Totals			740	96099	497	82971		

*prospective study

 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 45
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 17-NOV-15
 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	2.54	0.3086
3	CORREA	2	f	t	0.73	4.41	1.40	0.1276
4	TRICHO	1	f	y	0.73	12.77	4.13	0.0091
6	HIRAYA	8	f	t	0.37	30.26	1.34	0.0410
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	3	f	a	0.18	4.31	0.00	0.7049
11	AKIBA	4	f	t	0.41	12.99	0.78	0.1440
12	LEE	6	f	t	0.00	3.88	0.10	1.0000
14	GAO	8	f	t	0.27	23.89	0.26	0.1944
15	HUMBL1	4	f	t	0.79	3.31	1.30	0.1516
16	KOO	3	f	t	0.49	9.57	1.06	0.1260
17	LAMT	1	f	t	0.50	30.63	3.51	0.0057
18	PERSHA	2	f	t	0.18	12.73	0.01	0.5153
19	BUTLER	2	f	t	0.70	1.85	0.54	0.3388
20	GENG	1	f	t	0.77	8.13	3.00	0.0285
21	INOUE	2	f	t	0.81	2.58	1.09	0.1930
22	SHIMITZ	2	f	t	0.08	14.20	0.09	0.7646
23	CHOI	2	f	t	0.49	11.99	1.27	0.0916
25	SCHOEN	2	f	t	0.07	21.00	0.18	0.7533
27	JANERI	3	f	t	-0.29	17.49	3.52	0.2289
28	KALAND	3	f	t	0.75	8.82	3.02	0.0266
29	SOBUE	2	f	t	0.12	28.29	0.04	0.5157
30	WU-WIL	4	f	t	-0.36	93.46	25.06	0.0006
32	BROWN2	4	f	t	0.00	93.46	2.43	1.0000
33	STOCKW	3	f	t	0.47	8.80	0.84	0.1634
34	DU	1	f	t	0.09	13.61	0.08	0.7506
35	LIUQ	2	f	t	0.54	5.89	0.86	0.1880
36	FONTHA	6	f	t	0.25	82.80	0.72	0.0205
37	LAYARD	4	f	t	-0.54	8.74	4.35	0.1074
39	KABAT2	6	f	t	0.08	11.16	0.08	0.7971
41	SUN	2	f	t	0.15	27.47	0.00	0.4366
43	WANGT	2	f	t	0.10	14.90	0.05	0.6978
44	CARDEN	10	f	t	0.18	31.98	0.01	0.3025
47	BOFFET	9	f	t	0.10	73.53	0.24	0.3709
49	ZARIDZ	4	f	t	0.43	28.46	1.99	0.0233
50	BOFFE2	14	f	a	0.00	8.62	0.22	1.0000
51	JEE	4	f	t	0.54	10.17	1.48	0.0838
52	RAPITI	2	f	t	0.18	4.97	0.00	0.6843
54	ZHONG	2	f	t	0.10	38.89	0.17	0.5523
55	LEECH	8	f	t	0.63	27.89	6.02	0.0009
56	MALATS	9	f	t	0.41	8.69	0.52	0.2319
60	NISHIN	2	f	t	0.59	4.14	0.75	0.2317
61	OHNO	6	f	t	0.00	24.05	0.62	1.0000
63	ENSTRO	12	f	t	-0.06	31.30	1.56	0.7292
65	IARCKR	2	f	t	-0.22	16.83	2.49	0.3600
73	WEN	1	f	t	0.09	25.43	0.14	0.6639
81	KURAHA	10	f	t	0.23	16.80	0.08	0.3436
90	KIYOHA	3	f	t	0.00	6.51	0.16	0.9899
95	ALZOUG	2	f	t	-0.94	4.36	5.30	0.0492
96	GELAC	27	f	t	0.26	119.55	1.22	0.0041
97	MASJED	6	f	t	0.70	8.08	2.32	0.0476
99	SEKI	20	f	t	0.27	50.36	0.60	0.0553

 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 45
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 17-NOV-15
 Female
 Overall analysis - adjusted

Relative risks

	N	55
	NS	55
	Wt	1249.57
Het	Chi	93.04
Het	df	54
Het	P	***
Fixed	RR	1.17
	RRl	1.11
	RRu	1.24
	P	+++
Random	RR	1.21
	RRl	1.12
	RRu	1.32
	P	+++
Asymm	P	(*)

 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 46
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 17-NOV-15
 Female
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Numbers 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	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)
25	SCHOEN	2	f -	-	-	-	1.07 (0.70-	1.64)
27	JANERI	3	f -	-	-	-	0.75 (0.47-	1.20)
28	KALAND	2	f 64	70	26	46	1.62 (0.90-	2.91)
29	SOBUE	1	f 80	395	64	336	1.06 (0.74-	1.52)
30	WU-WIL	3	f205	331	212	271	0.79 (0.62-	1.02)
32	BROWN2	3	f218	598	213	568	0.97 (0.78-	1.21)
33	STOCKW	2	f 44	55	18	36	1.60 (0.80-	3.19)
34	DU	1	f 47	154	28	100	1.09 (0.64-	1.85)
35	LIUQ	1	f 25	37	13	32	1.66 (0.73-	3.78)
36	FONTHA	5	f433	766	218	487	1.26 (1.04-	1.54)
37	LAYARD	3	f 15	961	24	969	0.63 (0.33-	1.21)
39	KABAT2	5	f 41	102	26	71	1.10 (0.62-	1.96)
41	SUN	11	f144	136	86	94	1.16 (0.80-	1.68)
43	WANGT	2	f 92	89	43	46	1.11 (0.67-	1.84)
44	CARDEN	9	f 96	114286	54	77948	1.21 (0.87-	1.69)
47	BOFFET	8	f321	632	187	376	1.02 (0.82-	1.27)
49	ZARIDZ	3	f109	163	80	195	1.63 (1.14-	2.33)
50	BOFFE2	13	f 33	69	33	68	0.99 (0.55-	1.77)
51	JEE	3	f 67	-	12	-	1.80 (0.98-	3.30)
52	RAPITI	1	f 13	21	28	46	1.02 (0.44-	2.35)
54	ZHONG	1	f322	377	182	224	1.05 (0.82-	1.34)
55	LEECH	7	f186	253	82	192	1.72 (1.25-	2.37)
56	MALATS	2	f -	-	-	-	1.70 (0.95-	3.05)
60	NISHIN	1	f 11	30566	13	43361	1.20 (0.54-	2.68)
61	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)
73	WEN	1	f -	-	-	-	1.09 (0.74-	1.61)
81	KURAHA	9	f 84	280346	25	97466	1.17 (0.75-	1.83)
90	KIYOHA	3	f -	-	-	-	1.01 (0.47-	2.17)
95	ALZOUG	32	f -	-	-	-	0.44 (0.19-	1.06)
96	GELAC	19	f571	461	601	711	1.47 (1.24-	1.73)
97	MASJED	6	f 21	28	34	91	2.01 (1.01-	4.00)
99	SEKI	11	f193	1170	99	640	1.07 (0.82-	1.38)
Partial Totals			4744	609239	3061	372668		

*prospective study

 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 46
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 17-NOV-15
 Female
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
1	GARFI1	1	f	t	0.16	37.42	0.01	0.3420
2	CHAN	1	f	t	-0.28	12.78	2.69	0.3086
3	CORREA	2	f	t	0.73	4.41	1.34	0.1276
4	TRICHO	1	f	y	0.73	12.77	3.94	0.0091
6	HIRAYA	7	f	t	0.33	30.21	0.69	0.0734
7	KABAT1	4	f	t	-0.24	2.99	0.51	0.6802
8	GARFI2	3	f	t	0.21	22.25	0.03	0.3229
9	LAMW	1	f	a	0.70	10.14	2.79	0.0261
10	WU	2	f	a	0.34	4.18	0.12	0.4850
11	AKIBA	3	f	t	0.42	12.69	0.74	0.1382
12	LEE	5	f	t	0.03	4.64	0.10	0.9548
14	GAO	4	f	t	0.17	27.35	0.00	0.3644
15	HUMBL1	3	f	t	0.85	3.43	1.57	0.1154
16	KOO	2	f	t	0.44	12.88	0.88	0.1182
17	LAMT	1	f	t	0.50	30.63	3.24	0.0057
18	PERSHA	1	f	t	0.03	14.09	0.28	0.9022
19	BUTLER	1	f	t	0.89	1.88	0.97	0.2215
20	GENG	1	f	t	0.77	8.13	2.87	0.0285
21	INOUE	1	f	t	0.94	2.51	1.46	0.1377
22	SHIMIZ	2	f	t	0.08	14.20	0.13	0.7646
23	CHOI	2	f	t	0.49	11.99	1.17	0.0916
25	SCHOEN	2	f	t	0.07	21.00	0.23	0.7533
27	JANERI	3	f	t	-0.29	17.49	3.73	0.2289
28	KALAND	2	f	t	0.48	11.10	1.04	0.1091
29	SOBUE	1	f	t	0.06	29.73	0.38	0.7379
30	WU-WIL	3	f	t	-0.23	61.33	10.21	0.0674
32	BROWN2	3	f	t	-0.03	78.65	3.23	0.8021
33	STOCKW	2	f	t	0.47	8.05	0.70	0.1824
34	DU	1	f	t	0.09	13.61	0.11	0.7506
35	LIUQ	1	f	t	0.51	5.71	0.64	0.2242
36	FONTHA	5	f	t	0.23	97.51	0.34	0.0212
37	LAYARD	3	f	t	-0.46	9.06	3.66	0.1647
39	KABAT2	5	f	t	0.09	11.53	0.08	0.7517
41	SUN	11	f	t	0.15	27.35	0.02	0.4448
43	WANGT	2	f	t	0.10	14.90	0.08	0.6978
44	CARDEN	9	f	t	0.19	34.59	0.01	0.2571
47	BOFFET	8	f	t	0.02	78.71	1.85	0.8520
49	ZARIDZ	3	f	t	0.49	30.36	3.00	0.0071
50	BOFFE2	13	f	a	-0.01	11.14	0.40	0.9611
51	JEE	3	f	t	0.59	10.42	1.78	0.0577
52	RAPITI	1	f	t	0.02	5.49	0.14	0.9685
54	ZHONG	1	f	t	0.05	63.63	0.98	0.6903
55	LEECH	7	f	t	0.54	37.41	5.09	0.0009
56	MALATS	2	f	t	0.53	11.29	1.43	0.0745
60	NISHIN	1	f	t	0.18	5.96	0.00	0.6557
61	OHNO	5	f	t	0.01	23.97	0.67	0.9743
63	ENSTRO	9	f	t	-0.01	37.13	1.26	0.9512
65	IARCKR	1	f	t	-0.11	21.40	1.67	0.6259
73	WEN	1	f	t	0.09	25.43	0.20	0.6639
81	KURAHA	9	f	t	0.16	19.27	0.01	0.4951
90	KIYOHA	3	f	t	0.00	6.51	0.19	0.9899
95	ALZOUG	32	f	t	-0.82	5.20	5.15	0.0612
96	GELAC	19	f	t	0.38	143.04	6.17	0.0000
97	MASJED	6	f	t	0.70	8.08	2.21	0.0476
99	SEKI	11	f	t	0.06	56.50	0.68	0.6290

 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 46
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 17-NOV-15
 Female
 Overall analysis - unadjusted

Relative risks

	N	55
	NS	55
	Wt	1324.10
	Het Chi	82.88
	Het df	54
	Het P	**
Fixed	RR	1.19
	RRl	1.13
	RRu	1.26
	P	+++
Random	RR	1.20
	RRl	1.11
	RRu	1.29
	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 47
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 17-NOV-15
 Female
 By continent - adjusted

NAmerica

StN	Ref	NRR	Numbers 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)	
25	SCHOEN	2	f -	-	-	-	1.07 (0.70- 1.64)	
27	JANERI	3	f -	-	-	-	0.75 (0.47- 1.20)	
32	BROWN2	4	f -	-	-	-	1.00 (0.80- 1.20)	
33	STOCKW	3	f -	-	-	-	1.60 (0.80- 3.00)	
36	FONTHA	6	f -	-	-	-	1.29 (1.04- 1.60)	
37	LAYARD	4	f -	-	-	-	0.58 (0.30- 1.13)	
39	KABAT2	6	f -	-	-	-	1.08 (0.60- 1.94)	
44	CARDEN	10	f -	-	-	-	1.20 (0.80- 1.60)	
63	ENSTRO	12	f -	-	-	-	0.94 (0.66- 1.33)	
95	ALZOUQ	2	f -	-	-	-	0.39 (0.15- 0.98)	
Partial Totals			206	95210	127	82089		

*prospective study

Europe

StN	Ref	NRR	Numbers 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)	
28	KALAND	3	f -	-	-	-	2.11 (1.09- 4.08)	
47	BOFFET	9	f -	-	-	-	1.11 (0.88- 1.39)	
49	ZARIDZ	4	f -	-	-	-	1.53 (1.06- 2.21)	
50	BOFFE2	14	f -	-	-	-	1.00 (0.50- 1.90)	
56	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	Numbers 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)	
29	SOBUE	2	f -	-	-	-	1.13 (0.78- 1.63)	
30	WU-WIL	4	f -	-	-	-	0.70 (0.60- 0.90)	
34	DU	1	f 47	154	28	100	1.09 (0.64- 1.85)	
35	LIUQ	2	f -	-	-	-	1.72 (0.77- 3.87)	
41	SUN	2	f -	-	-	-	1.16 (0.80- 1.69)	
43	WANGT	2	f 92	89	43	46	1.11 (0.67- 1.84)	
51	JEE	4	f -	-	-	-	1.72 (0.93- 3.18)	
52	RAPITI	2	f -	-	-	-	1.20 (0.50- 2.90)	
54	ZHONG	2	f -	-	-	-	1.10 (0.80- 1.50)	
55	LEECH	8	f -	-	-	-	1.87 (1.29- 2.71)	
60	NISHIN	2	f -	-	-	-	1.80 (0.67- 4.60)	
61	OHNO	6	f -	-	-	-	1.00 (0.67- 1.49)	
73	WEN	1	f -	-	-	-	1.09 (0.74- 1.61)	
81	KURAHA	10	f -	-	-	-	1.26 (0.78- 2.03)	
90	KIYOHA	3	f -	-	-	-	1.01 (0.47- 2.17)	
96	GELAC	27	f -	-	-	-	1.30 (1.09- 1.56)	
97	MASJED	6	f 21	28	34	91	2.01 (1.01- 4.00)	
99	SEKI	20	f -	-	-	-	1.31 (0.99- 1.72)	

 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 47
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 17-NOV-15
 Female
 By continent - adjusted

Asia		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	Case	Cont	Case	Cont		
Partial Totals		481	773	346	773		
*prospective study							
		NAmerica	Europe	Asia	Other	Total	
Relative risks							
	N	17	9	29		55	
	NS	17	9	29		55	
	Wt	387.63	174.33	687.61		1249.57	
	Het Chi	20.86	12.17	57.09		93.04	
	Het df	16	8	28		54	
	Het P	N.S.	N.S.	***		***	
	Fixed RR	1.09	1.24	1.21		1.17	
	RRl	0.99	1.07	1.12		1.11	
	RRu	1.21	1.44	1.30		1.24	
	P	(+)	++	+++		+++	
	Random RR	1.09	1.28	1.28		1.21	
	RRl	0.96	1.04	1.14		1.12	
	RRu	1.23	1.58	1.44		1.32	
	P	N.S.	+	+++		+++	
	Asymm P	N.S.	N.S.	*		(*)	
	Between Chi		1.91	2.29		2.91	
	Between df		1	1		2	
	Between P		N.S.	N.S.	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 48
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 17-NOV-15
 Female
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Numbers 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)
25	SCHOEN	2	f -	-	-	-	1.07 (0.70-	1.64)
27	JANERI	3	f -	-	-	-	0.75 (0.47-	1.20)
32	BROWN2	3	f218	598	213	568	0.97 (0.78-	1.21)
33	STOCKW	2	f 44	55	18	36	1.60 (0.80-	3.19)
36	FONTHA	5	f433	766	218	487	1.26 (1.04-	1.54)
37	LAYARD	3	f 15	961	24	969	0.63 (0.33-	1.21)
39	KABAT2	5	f 41	102	26	71	1.10 (0.62-	1.96)
44	CARDEN	9	f 96	114286	54	77948	1.21 (0.87-	1.69)
63	ENSTRO	9	f -	-	-	-	0.99 (0.72-	1.37)
95	ALZOUG	32	f -	-	-	-	0.44 (0.19-	1.06)
Partial Totals			1090	222681	699	205313		

*prospective study

Europe

StN	Ref	NRR	Numbers 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)
28	KALAND	2	f 64	70	26	46	1.62 (0.90-	2.91)
47	BOFFET	8	f321	632	187	376	1.02 (0.82-	1.27)
49	ZARIDZ	3	f109	163	80	195	1.63 (1.14-	2.33)
50	BOFFE2	13	f 33	69	33	68	0.99 (0.55-	1.77)
56	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	Numbers 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)
29	SOBUE	1	f 80	395	64	336	1.06 (0.74-	1.52)
30	WU-WIL	3	f205	331	212	271	0.79 (0.62-	1.02)
34	DU	1	f 47	154	28	100	1.09 (0.64-	1.85)
35	LIUQ	1	f 25	37	13	32	1.66 (0.73-	3.78)
41	SUN	11	f144	136	86	94	1.16 (0.80-	1.68)
43	WANGT	2	f 92	89	43	46	1.11 (0.67-	1.84)
51	JEE	3	f 67	-	12	-	1.80 (0.98-	3.30)
52	RAPITI	1	f 13	21	28	46	1.02 (0.44-	2.35)
54	ZHONG	1	f322	377	182	224	1.05 (0.82-	1.34)
55	LEECH	7	f186	253	82	192	1.72 (1.25-	2.37)
60	NISHIN	1	f 11	30566	13	43361	1.20 (0.54-	2.68)
61	OHNO	5	f139	239	52	90	1.01 (0.67-	1.50)
73	WEN	1	f -	-	-	-	1.09 (0.74-	1.61)
81	KURAHA	9	f 84	280346	25	97466	1.17 (0.75-	1.83)
90	KIYOHA	3	f -	-	-	-	1.01 (0.47-	2.17)
96	GELAC	19	f571	461	601	711	1.47 (1.24-	1.73)
97	MASJED	6	f 21	28	34	91	2.01 (1.01-	4.00)
99	SEKI	11	f193	1170	99	640	1.07 (0.82-	1.38)

 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 48
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 17-NOV-15
 Female
 By continent - unadjusted

Asia		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	Case	Cont	Case	Cont		
Partial Totals		3015	385310	1969	166399		
*prospective study							
		NAmerica	Europe	Asia	Other	Total	
Relative risks							
	N	17	9	29		55	
	NS	17	9	29		55	
	Wt	396.74	195.51	731.85		1324.10	
	Het Chi	20.59	13.71	45.04		82.88	
	Het df	16	8	28		54	
	Het P	N.S.	(*)	*		**	
Fixed	RR	1.10	1.20	1.24		1.19	
	RRl	1.00	1.04	1.15		1.13	
	RRu	1.22	1.38	1.33		1.26	
	P	(+)	+	+++		+++	
Random	RR	1.09	1.25	1.25		1.20	
	RRl	0.97	1.02	1.13		1.11	
	RRu	1.24	1.54	1.38		1.29	
	P	N.S.	+	+++		+++	
Asymm	P	N.S.	N.S.	N.S.		N.S.	
Between	Chi		0.91	3.53		3.54	
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) 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 49
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 17-NOV-15
 Male
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Numbers 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)
27	JANERI	2	m -	-	-	-	0.75	(0.31-	1.78)
37	LAYARD	2	m -	-	-	-	1.47	(0.55-	3.94)
39	KABAT2	4	m -	-	-	-	1.60	(0.67-	3.82)
44	CARDEN	12	m -	-	-	-	1.10	(0.60-	1.80)
47	BOFFET	7	m -	-	-	-	1.47	(0.81-	2.66)
56	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)
90	KIYOHA	2	m -	-	-	-	1.01	(0.59-	1.71)
95	ALZOUG	1	m -	-	-	-	0.39	(0.09-	1.63)
96	GELAC	31	m 2	0	299	312	5.22~	(0.25-	109.12)
97	MASJED	5	m 0	4	26	166	0.70~	(0.04-	13.34)
99	SEKI	7	m -	-	-	-	1.29	(0.34-	4.91)
Partial Totals			11	41	349	729			

*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
3	CORREA	1	m	t	0.68	1.41	0.37	0.4200
6	HIRAYA	2	m	t	0.81	6.73	2.81	0.0355
7	KABAT1	3	m	t	0.00	1.46	0.04	1.0000
11	AKIBA	2	m	t	0.59	1.85	0.33	0.4240
12	LEE	4	m	t	0.26	2.57	0.02	0.6743
15	HUMBL1	2	m	t	1.41	1.23	1.90	0.1185
23	CHOI	1	m	t	1.00	1.30	0.91	0.2525
27	JANERI	2	m	t	-0.29	5.03	1.03	0.5188
37	LAYARD	2	m	t	0.39	3.96	0.19	0.4431
39	KABAT2	4	m	t	0.47	5.07	0.47	0.2899
44	CARDEN	12	m	t	0.10	12.73	0.06	0.7338
47	BOFFET	7	m	t	0.39	10.87	0.53	0.2041
56	MALATS	8	m	t	0.41	2.30	0.13	0.5384
63	ENSTRO	6	m	t	-0.46	8.99	3.53	0.1660
65	IARCKR	3	m	t	-0.92	1.33	1.55	0.2910
90	KIYOHA	2	m	t	0.00	13.70	0.35	0.9853
95	ALZOUG	1	m	t	-0.94	1.83	2.24	0.2026
96	GELAC	31	m	t	1.65	0.42	0.92	0.2869
97	MASJED	5	m	t	-0.36	0.44	0.12	0.8113
99	SEKI	7	m	t	0.25	2.16	0.02	0.7085

Relative risks

N	20
NS	20
Wt	85.37
Het Chi	17.54
Het df	19
Het P	N.S.
Fixed RR	1.18
RRl	0.95
RRu	1.46
P	N.S.
Random RR	1.18
RRl	0.95
RRu	1.46
P	N.S.
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 50
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 17-NOV-15
 Male
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Numbers 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)
27	JANERI	2	m -	-	-	-	0.75	(0.31-	1.78)
37	LAYARD	1	m 6	215	15	783	1.46	(0.56-	3.80)
39	KABAT2	3	m 11	19	28	79	1.63	(0.69-	3.85)
44	CARDEN	11	m 18	19549	79	76993	0.90	(0.54-	1.50)
47	BOFFET	6	m 23	68	118	462	1.32	(0.79-	2.21)
56	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)
90	KIYOHA	2	m -	-	-	-	1.01	(0.59-	1.71)
95	ALZOUG	31	m -	-	-	-	0.44	(0.12-	1.71)
96	GELAC	31	m 2	0	299	312	5.22~	(0.25-	109.12)
97	MASJED	5	m 0	4	26	166	0.70~	(0.04-	13.34)
99	SEKI	3	m 3	22	67	578	1.18	(0.34-	4.03)
Partial Totals			95	20984	739	99113			

*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
3	CORREA	1	m	t	0.68	1.41	0.40	0.4200
6	HIRAYA	1	m	t	0.85	6.28	3.14	0.0328
7	KABAT1	3	m	t	0.00	1.46	0.03	1.0000
11	AKIBA	1	m	t	0.74	1.93	0.69	0.3008
12	LEE	3	m	t	0.27	2.49	0.04	0.6735
15	HUMBL1	1	m	t	1.43	1.75	2.90	0.0580
23	CHOI	1	m	t	1.00	1.30	0.96	0.2525
27	JANERI	2	m	t	-0.29	5.03	0.94	0.5188
37	LAYARD	1	m	t	0.38	4.18	0.22	0.4418
39	KABAT2	3	m	t	0.49	5.21	0.62	0.2627
44	CARDEN	11	m	t	-0.11	14.67	0.94	0.6783
47	BOFFET	6	m	t	0.28	14.53	0.27	0.2843
56	MALATS	1	m	t	0.53	3.01	0.45	0.3569
63	ENSTRO	3	m	t	-0.29	11.27	2.11	0.3341
65	IARCKR	3	m	t	-0.92	1.33	1.49	0.2910
90	KIYOHA	2	m	t	0.00	13.70	0.27	0.9853
95	ALZOUG	31	m	t	-0.82	2.18	2.03	0.2258
96	GELAC	31	m	t	1.65	0.42	0.94	0.2869
97	MASJED	5	m	t	-0.36	0.44	0.11	0.8113
99	SEKI	3	m	t	0.16	2.53	0.00	0.7961

Relative risks

N	20
NS	20
Wt	95.12
Het Chi	18.57
Het df	19
Het P	N.S.
Fixed RR	1.16
RRl	0.95
RRu	1.41
P	N.S.
Random RR	1.16
RRl	0.95
RRu	1.41
P	N.S.
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 51
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 17-NOV-15
Male
By continent - adjusted

NAmerica

StN	Ref	NRR	Numbers 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)	
27	JANERI	2	m -	-	-	-	0.75 (0.31- 1.78)	
37	LAYARD	2	m -	-	-	-	1.47 (0.55- 3.94)	
39	KABAT2	4	m -	-	-	-	1.60 (0.67- 3.82)	
44	CARDEN	12	m -	-	-	-	1.10 (0.60- 1.80)	
63	ENSTRO	6	m -	-	-	-	0.63 (0.33- 1.22)	
95	ALZOUG	1	m -	-	-	-	0.39 (0.09- 1.63)	
Partial Totals			7	31	13	161		

*prospective study

Europe

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	4	m -	-	-	-	1.30 (0.38- 4.39)	
47	BOFFET	7	m -	-	-	-	1.47 (0.81- 2.66)	
56	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	Numbers 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)	
90	KIYOHA	2	m -	-	-	-	1.01 (0.59- 1.71)	
96	GELAC	31	m 2	0	299	312	5.22~(0.25- 109.12)	
97	MASJED	5	m 0	4	26	166	0.70~(0.04- 13.34)	
99	SEKI	7	m -	-	-	-	1.29 (0.34- 4.91)	
Partial Totals			4	10	336	568		

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	9	4	7	20
NS	9	4	7	20
Wt	41.71	17.06	26.59	85.37
Het Chi	8.86	2.06	4.66	17.54
Het df	8	3	6	19
Het P	N.S.	N.S.	N.S.	N.S.
Fixed RR	1.01	1.31	1.40	1.18
RRl	0.75	0.81	0.96	0.95
RRu	1.37	2.10	2.05	1.46
P	N.S.	N.S.	(+)	N.S.
Random RR	1.02	1.31	1.40	1.18
RRl	0.73	0.81	0.96	0.95
RRu	1.42	2.10	2.05	1.46
P	N.S.	N.S.	(+)	N.S.
Asymm P	N.S.	N.S.	N.S.	N.S.
Between Chi		0.80	1.73	1.96
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 : 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 52
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 17-NOV-15
 Male
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Numbers 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)	
27	JANERI	2	m -	-	-	-	0.75 (0.31- 1.78)	
37	LAYARD	1	m 6	215	15	783	1.46 (0.56- 3.80)	
39	KABAT2	3	m 11	19	28	79	1.63 (0.69- 3.85)	
44	CARDEN	11	m 18	19549	79	76993	0.90 (0.54- 1.50)	
63	ENSTRO	3	m -	-	-	-	0.75 (0.42- 1.35)	
95	ALZOUG	31	m -	-	-	-	0.44 (0.12- 1.71)	
Partial Totals			47	19851	138	78109		

*prospective study

Europe

StN	Ref	NRR	Numbers 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)	
47	BOFFET	6	m 23	68	118	462	1.32 (0.79- 2.21)	
56	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	Numbers 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)	
90	KIYOHA	2	m -	-	-	-	1.01 (0.59- 1.71)	
96	GELAC	31	m 2	0	299	312	5.22~(0.25- 109.12)	
97	MASJED	5	m 0	4	26	166	0.70~(0.04- 13.34)	
99	SEKI	3	m 3	22	67	578	1.18 (0.34- 4.03)	
Partial Totals			17	1051	476	20526		

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	9	4	7	20
NS	9	4	7	20
Wt	47.16	21.36	26.60	95.12
Het Chi	9.07	2.06	5.08	18.57
Het df	8	3	6	19
Het P	N.S.	N.S.	N.S.	N.S.
Fixed RR	0.99	1.27	1.41	1.16
RRl	0.74	0.83	0.96	0.95
RRu	1.32	1.94	2.06	1.41
P	N.S.	N.S.	(+)	N.S.
Random RR	1.01	1.27	1.41	1.16
RRl	0.74	0.83	0.96	0.95
RRu	1.39	1.94	2.06	1.41
P	N.S.	N.S.	(+)	N.S.
Asymm P	N.S.	N.S.	N.S.	N.S.
Between Chi		0.92	2.11	2.36
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 : 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 53
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 17-NOV-15
 Both sexes
 Overall analysis - adjusted

Overall		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)
25	SCHOEN	2	f -	-	-	-	1.07 (0.70- 1.64)
27	JANERI	4	c -	-	-	-	0.75 (0.48- 1.18)
28	KALAND	3	f -	-	-	-	2.11 (1.09- 4.08)
29	SOBUE	2	f -	-	-	-	1.13 (0.78- 1.63)
30	WU-WIL	4	f -	-	-	-	0.70 (0.60- 0.90)
32	BROWN2	4	f -	-	-	-	1.00 (0.80- 1.20)
33	STOCKW	3	f -	-	-	-	1.60 (0.80- 3.00)
34	DU	1	f 47	154	28	100	1.09 (0.64- 1.85)
35	LIUQ	2	f -	-	-	-	1.72 (0.77- 3.87)
36	FONTHA	6	f -	-	-	-	1.29 (1.04- 1.60)
37	LAYARD	2	m -	-	-	-	1.47 (0.55- 3.94)
37	LAYARD	4	f -	-	-	-	0.58 (0.30- 1.13)
Subtotal 37							0.78 (0.45- 1.34)
39	KABAT2	4	m -	-	-	-	1.60 (0.67- 3.82)
39	KABAT2	6	f -	-	-	-	1.08 (0.60- 1.94)
Subtotal 39							1.22 (0.75- 1.99)
41	SUN	2	f -	-	-	-	1.16 (0.80- 1.69)
43	WANGT	2	f 92	89	43	46	1.11 (0.67- 1.84)
44	CARDEN	12	m -	-	-	-	1.10 (0.60- 1.80)
44	CARDEN	10	f -	-	-	-	1.20 (0.80- 1.60)
Subtotal 44							1.17 (0.87- 1.57)
47	BOFFET	7	m -	-	-	-	1.47 (0.81- 2.66)
47	BOFFET	9	f -	-	-	-	1.11 (0.88- 1.39)
Subtotal 47							1.15 (0.93- 1.42)
49	ZARIDZ	4	f -	-	-	-	1.53 (1.06- 2.21)
50	BOFFE2	12	c -	-	-	-	1.00 (0.50- 1.80)
51	JEE	4	f -	-	-	-	1.72 (0.93- 3.18)
52	RAPITI	2	f -	-	-	-	1.20 (0.50- 2.90)
54	ZHONG	2	f -	-	-	-	1.10 (0.80- 1.50)
55	LEECH	8	f -	-	-	-	1.87 (1.29- 2.71)
56	MALATS	12	c -	-	-	-	1.50 (0.80- 2.60)
60	NISHIN	2	f -	-	-	-	1.80 (0.67- 4.60)

 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 53
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 17-NOV-15
 Both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Case	Cont	Case	Cont	RR	95.00%CI
61	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)
73	WEN	1	f -	-	-	-	1.09	(0.74- 1.61)
81	KURAHA	10	f -	-	-	-	1.26	(0.78- 2.03)
90	KIYOHA	1	c 99	135	54	74	1.00	(0.65- 1.55)
95	ALZOUG	3	c -	-	-	-	0.39	(0.18- 0.85)
96	GELAC	31	m 2	0	299	312	5.22~	(0.25- 109.12)
96	GELAC	27	f -	-	-	-	1.30	(1.09- 1.56)
Subtotal 96							1.31	(1.09- 1.56)
97	MASJED	5	m 0	4	26	166	0.70~	(0.04- 13.34)
97	MASJED	6	f 21	28	34	91	2.01	(1.01- 4.00)
Subtotal 97							1.90	(0.97- 3.72)
99	SEKI	7	m -	-	-	-	1.29	(0.34- 4.91)
99	SEKI	20	f -	-	-	-	1.31	(0.99- 1.72)
Subtotal 99							1.31	(1.00- 1.72)
Partial Totals			850	96275	900	83774		

*prospective study

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	2.56	0.3086
3	CORREA	1	m	t	0.68	1.41	0.38	0.4200
3	CORREA	2	f	t	0.73	4.41	1.40	0.1276
Subtotal 3					0.71	5.82	1.78	
4	TRICHO	1	f	y	0.73	12.77	4.11	0.0091
6	HIRAYA	2	m	t	0.81	6.73	2.83	0.0355
6	HIRAYA	8	f	t	0.37	30.26	1.32	0.0410
Subtotal 6					0.45	36.99	4.15	
7	KABAT1	3	m	t	0.00	1.46	0.04	1.0000
7	KABAT1	4	f	t	-0.24	2.99	0.48	0.6802
Subtotal 7					-0.16	4.45	0.52	
8	GARFI2	3	f	t	0.21	22.25	0.05	0.3229
9	LAMW	1	f	a	0.70	10.14	2.92	0.0261
10	WU	3	f	a	0.18	4.31	0.00	0.7049
11	AKIBA	2	m	t	0.59	1.85	0.33	0.4240
11	AKIBA	4	f	t	0.41	12.99	0.77	0.1440
Subtotal 11					0.43	14.84	1.10	
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	0.13	
14	GAO	8	f	t	0.27	23.89	0.25	0.1944
15	HUMBL1	2	m	t	1.41	1.23	1.91	0.1185
15	HUMBL1	4	f	t	0.79	3.31	1.30	0.1516
Subtotal 15					0.96	4.54	3.20	
16	KOO	3	f	t	0.49	9.57	1.06	0.1260
17	LAMT	1	f	t	0.50	30.63	3.49	0.0057
18	PERSHA	2	f	t	0.18	12.73	0.01	0.5153
19	BUTLER	2	f	t	0.70	1.85	0.54	0.3388
20	GENG	1	f	t	0.77	8.13	2.98	0.0285
21	INOUE	2	f	t	0.81	2.58	1.08	0.1930
22	SHIMIZ	2	f	t	0.08	14.20	0.10	0.7646
23	CHOI	1	m	t	1.00	1.30	0.92	0.2525
23	CHOI	2	f	t	0.49	11.99	1.26	0.0916
Subtotal 23					0.54	13.29	2.18	
25	SCHOEN	2	f	t	0.07	21.00	0.18	0.7533
27	JANERI	4	c	t	-0.29	18.99	3.85	0.2099
28	KALAND	3	f	t	0.75	8.82	3.01	0.0266
29	SOBUE	2	f	t	0.12	28.29	0.05	0.5157
30	WU-WIL	4	f	t	-0.36	93.46	25.18	0.0006
32	BROWN2	4	f	t	0.00	93.46	2.46	1.0000

 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 53
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 17-NOV-15
 Both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
33	STOCKW	3	f	t	0.47	8.80	0.83	0.1634
34	DU	1	f	t	0.09	13.61	0.08	0.7506
35	LIUQ	2	f	t	0.54	5.89	0.85	0.1880
36	FONTHA	6	f	t	0.25	82.80	0.71	0.0205
37	LAYARD	2	m	t	0.39	3.96	0.20	0.4431
37	LAYARD	4	f	t	-0.54	8.74	4.37	0.1074
Subtotal 37					-0.25	12.70	4.56	
39	KABAT2	4	m	t	0.47	5.07	0.48	0.2899
39	KABAT2	6	f	t	0.08	11.16	0.08	0.7971
Subtotal 39					0.20	16.23	0.56	
41	SUN	2	f	t	0.15	27.47	0.01	0.4366
43	WANGT	2	f	t	0.10	14.90	0.06	0.6978
44	CARDEN	12	m	t	0.10	12.73	0.06	0.7338
44	CARDEN	10	f	t	0.18	31.98	0.01	0.3025
Subtotal 44					0.16	44.71	0.07	
47	BOFFET	7	m	t	0.39	10.87	0.54	0.2041
47	BOFFET	9	f	t	0.10	73.53	0.25	0.3709
Subtotal 47					0.14	84.40	0.79	
49	ZARIDZ	4	f	t	0.43	28.46	1.97	0.0233
50	BOFFE2	12	c	a	0.00	9.36	0.25	1.0000
51	JEE	4	f	t	0.54	10.17	1.47	0.0838
52	RAPITI	2	f	t	0.18	4.97	0.00	0.6843
54	ZHONG	2	f	t	0.10	38.89	0.17	0.5523
55	LEECH	8	f	t	0.63	27.89	5.99	0.0009
56	MALATS	12	c	t	0.41	11.06	0.65	0.1775
60	NISHIN	2	f	t	0.59	4.14	0.75	0.2317
61	OHNO	6	f	t	0.00	24.05	0.63	1.0000
63	ENSTRO	6	m	t	-0.46	8.99	3.50	0.1660
63	ENSTRO	12	f	t	-0.06	31.30	1.57	0.7292
Subtotal 63					-0.15	40.28	5.08	
65	IARCKR	3	m	t	-0.92	1.33	1.55	0.2910
65	IARCKR	2	f	t	-0.22	16.83	2.50	0.3600
Subtotal 65					-0.27	18.16	4.05	
73	WEN	1	f	t	0.09	25.43	0.15	0.6639
81	KURAHA	10	f	t	0.23	16.80	0.08	0.3436
90	KIYOHA	1	c	t	0.00	20.19	0.50	0.9823
95	ALZOUG	3	c	t	-0.94	6.38	7.77	0.0174
96	GELAC	31	m	t	1.65	0.42	0.92	0.2869
96	GELAC	27	f	t	0.26	119.55	1.20	0.0041
Subtotal 96					0.27	119.97	2.12	
97	MASJED	5	m	t	-0.36	0.44	0.12	0.8113
97	MASJED	6	f	t	0.70	8.08	2.31	0.0476
Subtotal 97					0.64	8.52	2.43	
99	SEKI	7	m	t	0.25	2.16	0.02	0.7085
99	SEKI	20	f	t	0.27	50.36	0.58	0.0553
Subtotal 99					0.27	52.52	0.60	

Relative risks

	N	71
	NS	55
	Wt	1332.38
	Het Chi	110.12
	Het df	70
	Het P	**
Fixed	RR	1.18
	RRl	1.11
	RRu	1.24
	P	+++
Random	RR	1.21
	RRl	1.12
	RRu	1.31
	P	+++
Asymm	P	*

 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 54
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 17-NOV-15
 Both sexes
 Overall analysis - unadjusted

Overall		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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	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)
25	SCHOEN	2	f -	-	-	-	1.07 (0.70- 1.64)
27	JANERI	4	c -	-	-	-	0.75 (0.48- 1.18)
28	KALAND	2	f 64	70	26	46	1.62 (0.90- 2.91)
29	SOBUE	1	f 80	395	64	336	1.06 (0.74- 1.52)
30	WU-WIL	3	f205	331	212	271	0.79 (0.62- 1.02)
32	BROWN2	3	f218	598	213	568	0.97 (0.78- 1.21)
33	STOCKW	2	f 44	55	18	36	1.60 (0.80- 3.19)
34	DU	1	f 47	154	28	100	1.09 (0.64- 1.85)
35	LIUQ	1	f 25	37	13	32	1.66 (0.73- 3.78)
36	FONTHA	5	f433	766	218	487	1.26 (1.04- 1.54)
37	LAYARD	1	m 6	215	15	783	1.46 (0.56- 3.80)
37	LAYARD	3	f 15	961	24	969	0.63 (0.33- 1.21)
Subtotal 37							0.82 (0.48- 1.41)
39	KABAT2	3	m 11	19	28	79	1.63 (0.69- 3.85)
39	KABAT2	5	f 41	102	26	71	1.10 (0.62- 1.96)
Subtotal 39							1.24 (0.77- 2.01)
41	SUN	11	f144	136	86	94	1.16 (0.80- 1.68)
43	WANGT	2	f 92	89	43	46	1.11 (0.67- 1.84)
44	CARDEN	11	m 18	19549	79	76993	0.90 (0.54- 1.50)
44	CARDEN	9	f 96	114286	54	77948	1.21 (0.87- 1.69)
Subtotal 44							1.11 (0.84- 1.47)
47	BOFFET	6	m 23	68	118	462	1.32 (0.79- 2.21)
47	BOFFET	8	f321	632	187	376	1.02 (0.82- 1.27)
Subtotal 47							1.06 (0.87- 1.30)
49	ZARIDZ	3	f109	163	80	195	1.63 (1.14- 2.33)
50	BOFFE2	11	c 33	75	37	103	1.22 (0.70- 2.14)
51	JEE	3	f 67	-	12	-	1.80 (0.98- 3.30)
52	RAPITI	1	f 13	21	28	46	1.02 (0.44- 2.35)
54	ZHONG	1	f322	377	182	224	1.05 (0.82- 1.34)
55	LEECH	7	f186	253	82	192	1.72 (1.25- 2.37)
56	MALATS	11	c 58	42	64	79	1.70 (1.02- 2.86)
60	NISHIN	1	f 11	30566	13	43361	1.20 (0.54- 2.68)

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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 (specifically), 17-NOV-15
 Both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Case	Cont	Case	Cont	RR	95.00%CI
61	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)
73	WEN	1	f -	-	-	-	1.09	(0.74- 1.61)
81	KURAHA	9	f 84	280346	25	97466	1.17	(0.75- 1.83)
90	KIYOHA	1	c 99	135	54	74	1.00	(0.65- 1.55)
95	ALZOUG	33	c 10	174	34	262	0.44	(0.21- 0.92)
96	GELAC	31	m 2	0	299	312	5.22~	(0.25- 109.12)
96	GELAC	19	f571	461	601	711	1.47	(1.24- 1.73)
Subtotal 96							1.47	(1.25- 1.73)
97	MASJED	5	m 0	4	26	166	0.70~	(0.04- 13.34)
97	MASJED	6	f 21	28	34	91	2.01	(1.01- 4.00)
Subtotal 97							1.90	(0.97- 3.72)
99	SEKI	3	m 3	22	67	578	1.18	(0.34- 4.03)
99	SEKI	11	f193	1170	99	640	1.07	(0.82- 1.38)
Subtotal 99							1.07	(0.83- 1.38)
Partial Totals			5006	630580	3956	472231		

*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
1	GARFI1	1	f	t	0.16	37.42	0.02	0.3420
2	CHAN	1	f	t	-0.28	12.78	2.71	0.3086
3	CORREA	1	m	t	0.68	1.41	0.36	0.4200
3	CORREA	2	f	t	0.73	4.41	1.33	0.1276
Subtotal 3					0.71	5.82	1.69	
4	TRICHO	1	f	y	0.73	12.77	3.93	0.0091
6	HIRAYA	1	m	t	0.85	6.28	2.87	0.0328
6	HIRAYA	7	f	t	0.33	30.21	0.68	0.0734
Subtotal 6					0.42	36.48	3.55	
7	KABAT1	3	m	t	0.00	1.46	0.04	1.0000
7	KABAT1	4	f	t	-0.24	2.99	0.51	0.6802
Subtotal 7					-0.16	4.45	0.56	
8	GARFI2	3	f	t	0.21	22.25	0.03	0.3229
9	LAMW	1	f	a	0.70	10.14	2.77	0.0261
10	WU	2	f	a	0.34	4.18	0.12	0.4850
11	AKIBA	1	m	t	0.74	1.93	0.63	0.3008
11	AKIBA	3	f	t	0.42	12.69	0.74	0.1382
Subtotal 11					0.46	14.62	1.36	
12	LEE	3	m	t	0.27	2.49	0.02	0.6735
12	LEE	5	f	t	0.03	4.64	0.10	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	2.77	0.0580
15	HUMBL1	3	f	t	0.85	3.43	1.56	0.1154
Subtotal 15					1.05	5.18	4.33	
16	KOO	2	f	t	0.44	12.88	0.87	0.1182
17	LAMT	1	f	t	0.50	30.63	3.22	0.0057
18	PERSHA	1	f	t	0.03	14.09	0.29	0.9022
19	BUTLER	1	f	t	0.89	1.88	0.96	0.2215
20	GENG	1	f	t	0.77	8.13	2.86	0.0285
21	INOUE	1	f	t	0.94	2.51	1.45	0.1377
22	SHIMIZ	2	f	t	0.08	14.20	0.13	0.7646
23	CHOI	1	m	t	1.00	1.30	0.89	0.2525
23	CHOI	2	f	t	0.49	11.99	1.16	0.0916
Subtotal 23					0.54	13.29	2.06	
25	SCHOEN	2	f	t	0.07	21.00	0.24	0.7533
27	JANERI	4	c	t	-0.29	18.99	4.07	0.2099
28	KALAND	2	f	t	0.48	11.10	1.04	0.1091
29	SOBUE	1	f	t	0.06	29.73	0.39	0.7379
30	WU-WIL	3	f	t	-0.23	61.33	10.26	0.0674
32	BROWN2	3	f	t	-0.03	78.65	3.26	0.8021

 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 54
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 17-NOV-15
 Both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
33	STOCKW	2	f	t	0.47	8.05	0.70	0.1824
34	DU	1	f	t	0.09	13.61	0.11	0.7506
35	LIUQ	1	f	t	0.51	5.71	0.63	0.2242
36	FONTHA	5	f	t	0.23	97.51	0.33	0.0212
37	LAYARD	1	m	t	0.38	4.18	0.17	0.4418
37	LAYARD	3	f	t	-0.46	9.06	3.68	0.1647
Subtotal 37					-0.20	13.24	3.85	
39	KABAT2	3	m	t	0.49	5.21	0.52	0.2627
39	KABAT2	5	f	t	0.09	11.53	0.08	0.7517
Subtotal 39					0.22	16.74	0.60	
41	SUN	11	f	t	0.15	27.35	0.02	0.4448
43	WANGT	2	f	t	0.10	14.90	0.08	0.6978
44	CARDEN	11	m	t	-0.11	14.67	1.18	0.6783
44	CARDEN	9	f	t	0.19	34.59	0.01	0.2571
Subtotal 44					0.10	49.26	1.19	
47	BOFFET	6	m	t	0.28	14.53	0.16	0.2843
47	BOFFET	8	f	t	0.02	78.71	1.88	0.8520
Subtotal 47					0.06	93.24	2.04	
49	ZARIDZ	3	f	t	0.49	30.36	2.98	0.0071
50	BOFFE2	11	c	a	0.20	12.44	0.01	0.4743
51	JEE	3	f	t	0.59	10.42	1.77	0.0577
52	RAPITI	1	f	t	0.02	5.49	0.14	0.9685
54	ZHONG	1	f	t	0.05	63.63	1.00	0.6903
55	LEECH	7	f	t	0.54	37.41	5.06	0.0009
56	MALATS	11	c	t	0.53	14.42	1.85	0.0428
60	NISHIN	1	f	t	0.18	5.96	0.00	0.6557
61	OHNO	5	f	t	0.01	23.97	0.68	0.9743
63	ENSTRO	3	m	t	-0.29	11.27	2.42	0.3341
63	ENSTRO	9	f	t	-0.01	37.13	1.28	0.9512
Subtotal 63					-0.07	48.40	3.70	
65	IARCKR	3	m	t	-0.92	1.33	1.58	0.2910
65	IARCKR	1	f	t	-0.11	21.40	1.69	0.6259
Subtotal 65					-0.15	22.73	3.27	
73	WEN	1	f	t	0.09	25.43	0.20	0.6639
81	KURAHA	9	f	t	0.16	19.27	0.01	0.4951
90	KIYOHA	1	c	t	0.00	20.19	0.59	0.9823
95	ALZOUQ	33	c	t	-0.81	7.20	7.05	0.0289
96	GELAC	31	m	t	1.65	0.42	0.91	0.2869
96	GELAC	19	f	t	0.38	143.04	6.11	0.0000
Subtotal 96					0.39	143.46	7.01	
97	MASJED	5	m	t	-0.36	0.44	0.13	0.8113
97	MASJED	6	f	t	0.70	8.08	2.20	0.0476
Subtotal 97					0.64	8.52	2.32	
99	SEKI	3	m	t	0.16	2.53	0.00	0.7961
99	SEKI	11	f	t	0.06	56.50	0.70	0.6290
Subtotal 99					0.07	59.03	0.70	

Relative risks

N	71
NS	55
Wt	1416.91
Het Chi	100.16
Het df	70
Het P	*
Fixed RR	1.19
RRl	1.13
RRu	1.26
P	+++
Random RR	1.20
RRl	1.12
RRu	1.29
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

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Table 55
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 17-NOV-15
 Both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	Numbers 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)
25	SCHOEN	2	f -	-	-	-	1.07 (0.70-	1.64)
27	JANERI	4	c -	-	-	-	0.75 (0.48-	1.18)
32	BROWN2	4	f -	-	-	-	1.00 (0.80-	1.20)
33	STOCKW	3	f -	-	-	-	1.60 (0.80-	3.00)
36	FONTHA	6	f -	-	-	-	1.29 (1.04-	1.60)
37	LAYARD	2	m -	-	-	-	1.47 (0.55-	3.94)
37	LAYARD	4	f -	-	-	-	0.58 (0.30-	1.13)
Subtotal 37							0.78 (0.45-	1.34)
39	KABAT2	4	m -	-	-	-	1.60 (0.67-	3.82)
39	KABAT2	6	f -	-	-	-	1.08 (0.60-	1.94)
Subtotal 39							1.22 (0.75-	1.99)
44	CARDEN	12	m -	-	-	-	1.10 (0.60-	1.80)
44	CARDEN	10	f -	-	-	-	1.20 (0.80-	1.60)
Subtotal 44							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)
95	ALZOUG	3	c -	-	-	-	0.39 (0.18-	0.85)
Partial Totals			213	95241	140	82250		

*prospective study

Europe

StN	Ref	NRR	Numbers 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)
28	KALAND	3	f -	-	-	-	2.11 (1.09-	4.08)
47	BOFFET	7	m -	-	-	-	1.47 (0.81-	2.66)
47	BOFFET	9	f -	-	-	-	1.11 (0.88-	1.39)
Subtotal 47							1.15 (0.93-	1.42)
49	ZARIDZ	4	f -	-	-	-	1.53 (1.06-	2.21)
50	BOFFE2	12	c -	-	-	-	1.00 (0.50-	1.80)
56	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

 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), 17-NOV-15
 Both sexes
 By continent - adjusted

Asia							RR	95.00%CI
StN	Ref	NRR	Numbers exposed	Non-exposed	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)
29	SOBUE	2	f -	-	-	-	1.13 (0.78-	1.63)
30	WU-WIL	4	f -	-	-	-	0.70 (0.60-	0.90)
34	DU	1	f 47	154	28	100	1.09 (0.64-	1.85)
35	LIUQ	2	f -	-	-	-	1.72 (0.77-	3.87)
41	SUN	2	f -	-	-	-	1.16 (0.80-	1.69)
43	WANGT	2	f 92	89	43	46	1.11 (0.67-	1.84)
51	JEE	4	f -	-	-	-	1.72 (0.93-	3.18)
52	RAPITI	2	f -	-	-	-	1.20 (0.50-	2.90)
54	ZHONG	2	f -	-	-	-	1.10 (0.80-	1.50)
55	LEECH	8	f -	-	-	-	1.87 (1.29-	2.71)
60	NISHIN	2	f -	-	-	-	1.80 (0.67-	4.60)
61	OHNO	6	f -	-	-	-	1.00 (0.67-	1.49)
73	WEN	1	f -	-	-	-	1.09 (0.74-	1.61)
81	KURAHA	10	f -	-	-	-	1.26 (0.78-	2.03)
90	KIYOHA	1	c 99	135	54	74	1.00 (0.65-	1.55)
96	GELAC	31	m 2	0	299	312	5.22~(0.25-	109.12)
96	GELAC	27	f -	-	-	-	1.30 (1.09-	1.56)
Subtotal 96							1.31 (1.09-	1.56)
97	MASJED	5	m 0	4	26	166	0.70~(0.04-	13.34)
97	MASJED	6	f 21	28	34	91	2.01 (1.01-	4.00)
Subtotal 97							1.90 (0.97-	3.72)
99	SEKI	7	m -	-	-	-	1.29 (0.34-	4.91)
99	SEKI	20	f -	-	-	-	1.31 (0.99-	1.72)
Subtotal 99							1.31 (1.00-	1.72)
Partial Totals			584	918	736	1415		

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	24	12	35		71
	NS	17	9	29		55
	Wt	425.99	192.21	714.18		1332.38
	Het Chi	29.67	14.31	62.34		110.12
	Het df	23	11	34		70
	Het P	N.S.	N.S.	**		**
Fixed	RR	1.09	1.25	1.21		1.18
	RRl	0.99	1.08	1.13		1.11
	RRu	1.20	1.44	1.30		1.24
	P	(+)	++	+++		+++
Random	RR	1.08	1.28	1.29		1.21
	RRl	0.96	1.07	1.15		1.12
	RRu	1.22	1.53	1.45		1.31
	P	N.S.	++	+++		+++
Asymm	P	N.S.	N.S.	**		*
Between	Chi		2.41	3.04		3.80
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 : 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), 17-NOV-15
 Both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Numbers 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)
25	SCHOEN	2	f -	-	-	-	1.07 (0.70-	1.64)
27	JANERI	4	c -	-	-	-	0.75 (0.48-	1.18)
32	BROWN2	3	f218	598	213	568	0.97 (0.78-	1.21)
33	STOCKW	2	f 44	55	18	36	1.60 (0.80-	3.19)
36	FONTHA	5	f433	766	218	487	1.26 (1.04-	1.54)
37	LAYARD	1	m 6	215	15	783	1.46 (0.56-	3.80)
37	LAYARD	3	f 15	961	24	969	0.63 (0.33-	1.21)
Subtotal 37							0.82 (0.48-	1.41)
39	KABAT2	3	m 11	19	28	79	1.63 (0.69-	3.85)
39	KABAT2	5	f 41	102	26	71	1.10 (0.62-	1.96)
Subtotal 39							1.24 (0.77-	2.01)
44	CARDEN	11	m 18	19549	79	76993	0.90 (0.54-	1.50)
44	CARDEN	9	f 96	114286	54	77948	1.21 (0.87-	1.69)
Subtotal 44							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)
95	ALZOUG	33	c 10	174	34	262	0.44 (0.21-	0.92)
Partial Totals			1147	242706	871	283684		

*prospective study

Europe

StN	Ref	NRR	Numbers 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)
28	KALAND	2	f 64	70	26	46	1.62 (0.90-	2.91)
47	BOFFET	6	m 23	68	118	462	1.32 (0.79-	2.21)
47	BOFFET	8	f321	632	187	376	1.02 (0.82-	1.27)
Subtotal 47							1.06 (0.87-	1.30)
49	ZARIDZ	3	f109	163	80	195	1.63 (1.14-	2.33)
50	BOFFE2	11	c 33	75	37	103	1.22 (0.70-	2.14)
56	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

 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), 17-NOV-15
 Both sexes
 By continent - unadjusted

Asia		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)
29	SOBUE	1	f 80	395	64	336	1.06 (0.74- 1.52)
30	WU-WIL	3	f205	331	212	271	0.79 (0.62- 1.02)
34	DU	1	f 47	154	28	100	1.09 (0.64- 1.85)
35	LIUQ	1	f 25	37	13	32	1.66 (0.73- 3.78)
41	SUN	11	f144	136	86	94	1.16 (0.80- 1.68)
43	WANGT	2	f 92	89	43	46	1.11 (0.67- 1.84)
51	JEE	3	f 67	-	12	-	1.80 (0.98- 3.30)
52	RAPITI	1	f 13	21	28	46	1.02 (0.44- 2.35)
54	ZHONG	1	f322	377	182	224	1.05 (0.82- 1.34)
55	LEECH	7	f186	253	82	192	1.72 (1.25- 2.37)
60	NISHIN	1	f 11	30566	13	43361	1.20 (0.54- 2.68)
61	OHNO	5	f139	239	52	90	1.01 (0.67- 1.50)
73	WEN	1	f -	-	-	-	1.09 (0.74- 1.61)
81	KURAHA	9	f 84	280346	25	97466	1.17 (0.75- 1.83)
90	KIYOHA	1	c 99	135	54	74	1.00 (0.65- 1.55)
96	GELAC	31	m 2	0	299	312	5.22~(0.25- 109.12)
96	GELAC	19	f571	461	601	711	1.47 (1.24- 1.73)
Subtotal 96							1.47 (1.25- 1.73)
97	MASJED	5	m 0	4	26	166	0.70~(0.04- 13.34)
97	MASJED	6	f 21	28	34	91	2.01 (1.01- 4.00)
Subtotal 97							1.90 (0.97- 3.72)
99	SEKI	3	m 3	22	67	578	1.18 (0.34- 4.03)
99	SEKI	11	f193	1170	99	640	1.07 (0.82- 1.38)
Subtotal 99							1.07 (0.83- 1.38)
Partial Totals			3131	386496	2499	186999	
*prospective study							

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	24	12	35		71
	NS	17	9	29		55
	Wt	440.19	218.29	758.43		1416.91
	Het Chi	29.42	15.40	50.53		100.16
	Het df	23	11	34		70
	Het P	N.S.	N.S.	*		*
Fixed	RR	1.09	1.22	1.24		1.19
	RRl	1.00	1.07	1.16		1.13
	RRu	1.20	1.39	1.34		1.26
	P	(+)	++	+++		+++
Random	RR	1.09	1.26	1.26		1.20
	RRl	0.96	1.06	1.14		1.12
	RRu	1.22	1.50	1.39		1.29
	P	N.S.	++	+++		+++
Asymm	P	N.S.	N.S.	N.S.		N.S.
Between	Chi		1.72	4.67		4.81
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 57
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Squamous - females
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Numbers 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	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)
27	JANERI	20	f -	-	-	-	1.12	(0.83- 1.52)
28	KALAND	4	f -	-	-	-	2.58	(0.88- 7.57)
32	BROWN2	5	f -	-	-	-	0.60	(0.30- 1.30)
33	STOCKW	4	f -	-	-	-	2.20	(0.80- 5.80)
36	FONTHA	10	f -	-	-	-	1.37	(0.92- 2.03)
41	SUN	3	f -	-	-	-	2.06	(1.03- 4.15)
45	ZHENG	9	f 6	23	1	4	1.04	(0.10- 11.14)
47	BOFFET	98	f -	-	-	-	1.21	(0.70- 2.09)
49	ZARIDZ	6	f -	-	-	-	1.94	(0.99- 3.81)
52	RAPITI	34	f -	-	-	-	1.20	(0.40- 3.90)
54	ZHONG	6	f -	-	-	-	1.10	(0.70- 1.80)
64	ZATLOU	5	f -	-	-	-	0.66	(0.22- 1.96)
88	JIANG	15	f -	-	-	-	1.83	(0.79- 4.20)
97	MASJED	27	f -	-	-	-	0.20	(0.00- 22.30)
99	SEKI	21	f -	-	-	-	2.24	(0.60- 8.38)
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	1.47	0.0091
8	GARFI2	4	f	q	1.61	13.60	20.21	0.0000
12	LEE	7	f	x	0.53	0.89	0.02	0.6167
16	KOO	8	f	x	0.55	2.49	0.06	0.3869
17	LAMT	5	f	q	-0.17	4.86	1.52	0.7117
18	PERSHA	3	f	x	1.19	2.81	1.81	0.0453
27	JANERI	20	f	x	0.11	41.97	3.23	0.4628
28	KALAND	4	f	y	0.95	3.32	1.03	0.0843
32	BROWN2	5	f	q	-0.51	7.15	5.81	0.1721
33	STOCKW	4	f	y	0.79	3.92	0.62	0.1187
36	FONTHA	10	f	y	0.31	24.53	0.14	0.1189
41	SUN	3	f	x	0.72	7.91	0.87	0.0421
45	ZHENG	9	f	q	0.04	0.68	0.08	0.9719
47	BOFFET	98	f	q	0.19	12.84	0.51	0.4945
49	ZARIDZ	6	f	q	0.66	8.46	0.63	0.0539
52	RAPITI	34	f	x	0.18	2.96	0.13	0.7536
54	ZHONG	6	f	y	0.10	17.23	1.50	0.6924
64	ZATLOU	5	f	v	-0.42	3.21	2.09	0.4564
88	JIANG	15	f	q	0.60	5.53	0.25	0.1571
97	MASJED	27	f	q	-1.61	0.18	0.71	0.4984
99	SEKI	21	f	q	0.81	2.21	0.38	0.2305

Relative risks

N	21
NS	21
Wt	179.53
Het Chi	43.06
Het df	20
Het P	**
Fixed RR	1.48
RRl	1.28
RRu	1.71
P	+++
Random RR	1.55
RRl	1.21
RRu	1.99
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 : 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 58
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Squamous - females
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Numbers 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)
27	JANERI	20	f -	-	-	-	1.12	(0.83- 1.52)
28	KALAND	4	f -	-	-	-	2.58	(0.88- 7.57)
32	BROWN2	5	f -	-	-	-	0.60	(0.30- 1.30)
33	STOCKW	4	f -	-	-	-	2.20	(0.80- 5.80)
36	FONTHA	9	f 99	766	56	487	1.12	(0.79- 1.59)
41	SUN	3	f -	-	-	-	2.06	(1.03- 4.15)
45	ZHENG	9	f 6	23	1	4	1.04	(0.10- 11.14)
47	BOFFET	94	f -	-	-	-	1.41	(0.88- 2.26)
49	ZARIDZ	5	f 26	163	16	195	1.94	(1.01- 3.75)
52	RAPITI	34	f -	-	-	-	1.20	(0.40- 3.90)
54	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)
88	JIANG	13	f -	-	-	-	1.83	(0.79- 4.20)
97	MASJED	27	f -	-	-	-	0.20	(0.00- 22.30)
99	SEKI	14	f 10	1170	3	640	1.82	(0.50- 6.65)
Partial Totals			298	2947	185	2491		

*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
4	TRICHO	1	f	y	0.73	12.77	1.77	0.0091
8	GARFI2	4	f	q	1.61	13.60	21.32	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	1.34	0.7117
18	PERSHA	3	f	x	1.19	2.81	1.97	0.0453
27	JANERI	20	f	x	0.11	41.97	2.51	0.4628
28	KALAND	4	f	y	0.95	3.32	1.16	0.0843
32	BROWN2	5	f	q	-0.51	7.15	5.39	0.1721
33	STOCKW	4	f	y	0.79	3.92	0.73	0.1187
36	FONTHA	9	f	y	0.12	31.93	1.85	0.5091
41	SUN	3	f	x	0.72	7.91	1.05	0.0421
45	ZHENG	9	f	q	0.04	0.68	0.07	0.9719
47	BOFFET	94	f	q	0.34	17.27	0.00	0.1533
49	ZARIDZ	5	f	q	0.66	8.91	0.84	0.0472
52	RAPITI	34	f	x	0.18	2.96	0.09	0.7536
54	ZHONG	5	f	y	0.09	18.08	1.28	0.6982
64	ZATLOU	2	f	v	-0.46	3.43	2.30	0.3941
88	JIANG	13	f	q	0.60	5.50	0.33	0.1562
97	MASJED	27	f	q	-1.61	0.18	0.68	0.4984
99	SEKI	14	f	q	0.60	2.29	0.14	0.3628

Relative risks

N	21
NS	21
Wt	194.90
Het Chi	44.87
Het df	20
Het P	**
Fixed RR	1.43
RRl	1.24
RRu	1.65
P	+++
Random RR	1.52
RRl	1.19
RRu	1.94
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 : 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 59
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Squamous - females
 By continent - adjusted

NAmerica

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	4	f -	-	-	-	5.00 (2.94-	8.51)
27	JANERI	20	f -	-	-	-	1.12 (0.83-	1.52)
32	BROWN2	5	f -	-	-	-	0.60 (0.30-	1.30)
33	STOCKW	4	f -	-	-	-	2.20 (0.80-	5.80)
36	FONTHA	10	f -	-	-	-	1.37 (0.92-	2.03)
Partial Totals			0	0	0	0		

*prospective study

Europe

StN	Ref	NRR	Numbers 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	7	f -	-	-	-	1.70 (0.21-	13.40)
18	PERSHA	3	f -	-	-	-	3.30 (1.10-	11.40)
28	KALAND	4	f -	-	-	-	2.58 (0.88-	7.57)
47	BOFFET	98	f -	-	-	-	1.21 (0.70-	2.09)
49	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	Numbers 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)
41	SUN	3	f -	-	-	-	2.06 (1.03-	4.15)
45	ZHENG	9	f 6	23	1	4	1.04 (0.10-	11.14)
52	RAPITI	34	f -	-	-	-	1.20 (0.40-	3.90)
54	ZHONG	6	f -	-	-	-	1.10 (0.70-	1.80)
88	JIANG	15	f -	-	-	-	1.83 (0.79-	4.20)
97	MASJED	27	f -	-	-	-	0.20 (0.00-	22.30)
99	SEKI	21	f -	-	-	-	2.24 (0.60-	8.38)
Partial Totals			18	58	16	41		

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	5	7	9	21
NS	5	7	9	21
Wt	91.17	44.30	44.06	179.53
Het Chi	29.97	6.82	5.15	43.06
Het df	4	6	8	20
Het P	***	N.S.	N.S.	**
Fixed RR	1.45	1.68	1.35	1.48
RRl	1.18	1.25	1.01	1.28
RRu	1.78	2.26	1.82	1.71
P	+++	+++	+	+++
Random RR	1.58	1.69	1.35	1.55
RRl	0.85	1.22	1.01	1.21
RRu	2.96	2.34	1.82	1.99
P	N.S.	++	+	+++
Asymm P	N.S.	N.S.	N.S.	N.S.
Between Chi		0.66	0.14	1.12
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 60
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Squamous - females
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	4	f -	-	-	-	5.00 (2.94-	8.51)
27	JANERI	20	f -	-	-	-	1.12 (0.83-	1.52)
32	BROWN2	5	f -	-	-	-	0.60 (0.30-	1.30)
33	STOCKW	4	f -	-	-	-	2.20 (0.80-	5.80)
36	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	Numbers 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)
28	KALAND	4	f -	-	-	-	2.58 (0.88-	7.57)
47	BOFFET	94	f -	-	-	-	1.41 (0.88-	2.26)
49	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	Numbers 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)
41	SUN	3	f -	-	-	-	2.06 (1.03-	4.15)
45	ZHENG	9	f 6	23	1	4	1.04 (0.10-	11.14)
52	RAPITI	34	f -	-	-	-	1.20 (0.40-	3.90)
54	ZHONG	5	f 59	377	32	224	1.10 (0.69-	1.74)
88	JIANG	13	f -	-	-	-	1.83 (0.79-	4.20)
97	MASJED	27	f -	-	-	-	0.20 (0.00-	22.30)
99	SEKI	14	f 10	1170	3	640	1.82 (0.50-	6.65)
Partial Totals			112	1702	58	945		

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	5	7	9	21
NS	5	7	9	21
Wt	98.57	49.27	47.06	194.90
Het Chi	31.49	6.46	4.74	44.87
Het df	4	6	8	20
Het P	***	N.S.	N.S.	**
Fixed RR	1.35	1.71	1.33	1.43
RRl	1.11	1.30	1.00	1.24
RRu	1.65	2.27	1.77	1.65
P	++	+++	(+)	+++
Random RR	1.51	1.72	1.33	1.52
RRl	0.81	1.28	1.00	1.19
RRu	2.80	2.32	1.77	1.94
P	N.S.	+++	(+)	+++
Asymm P	N.S.	N.S.	N.S.	N.S.
Between Chi		1.84	0.01	2.19
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 | 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 61
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Squamous - males
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	15	m	-	-	-	0.60 (0.07- 4.86)	
27	JANERI	19	m	-	-	-	1.12 (0.65- 1.93)	
47	BOFFET	97	m	-	-	-	1.21 (0.53- 2.75)	
52	RAPITI	33	m	-	-	-	1.20 (0.30- 5.10)	
85	TSE	102	m	-	-	-	0.43 (0.18- 1.06)	
88	JIANG	14	m	-	-	-	1.83 (0.55- 6.08)	
97	MASJED	26	m	-	-	-	0.20 (0.01- 7.30)	
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
27	JANERI	19	m	x	0.11	12.97	0.22	0.6831
47	BOFFET	97	m	q	0.19	5.67	0.25	0.6500
52	RAPITI	33	m	x	0.18	1.91	0.08	0.8008
85	TSE	102	m	y	-0.84	4.89	3.33	0.0621
88	JIANG	14	m	q	0.60	2.65	1.02	0.3271
97	MASJED	26	m	q	-1.61	0.29	0.73	0.3866

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 | 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 62
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Squamous - males
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Numbers 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)
27	JANERI	19	m	-	-	-	-	1.12 (0.65- 1.93)
47	BOFFET	93	m	-	-	-	-	1.41 (0.70- 2.86)
52	RAPITI	33	m	-	-	-	-	1.20 (0.30- 5.10)
85	TSE	101	m	9	194	34	342	0.47 (0.22- 0.99)
88	JIANG	12	m	-	-	-	-	1.83 (0.55- 6.08)
97	MASJED	26	m	-	-	-	-	0.20 (0.01- 7.30)
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
27	JANERI	19	m	x	0.11	12.97	0.15	0.6831
47	BOFFET	93	m	q	0.34	7.76	0.88	0.3386
52	RAPITI	33	m	x	0.18	1.91	0.06	0.8008
85	TSE	101	m	y	-0.76	6.73	3.98	0.0480
88	JIANG	12	m	q	0.60	2.66	0.95	0.3242
97	MASJED	26	m	q	-1.61	0.29	0.76	0.3866

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 | 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 63
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Squamous - males
 By continent - adjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
27	JANERI	19	m -	-	-	-	1.12 (	0.65- 1.93)
Partial Totals			0	0	0	0		

*prospective study

Europe			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
12	LEE	15	m -	-	-	-	0.60 (	0.07- 4.86)
47	BOFFET	97	m -	-	-	-	1.21 (	0.53- 2.75)
Partial Totals			0	0	0	0		

*prospective study

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
52	RAPITI	33	m -	-	-	-	1.20 (	0.30- 5.10)
85	TSE	102	m -	-	-	-	0.43 (	0.18- 1.06)
88	JIANG	14	m -	-	-	-	1.83 (	0.55- 6.08)
97	MASJED	26	m -	-	-	-	0.20 (	0.01- 7.30)
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 64
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Squamous - males
 By continent - unadjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
27	JANERI	19	m -	-	-	-	1.12 (	0.65- 1.93)
Partial Totals			0	0	0	0		
*prospective study								
Europe			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
12	LEE	17	m 2	14	3	16	0.76 (	0.11- 5.24)
47	BOFFET	93	m -	-	-	-	1.41 (	0.70- 2.86)
Partial Totals			2	14	3	16		
*prospective study								
Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
52	RAPITI	33	m -	-	-	-	1.20 (	0.30- 5.10)
85	TSE	101	m 9	194	34	342	0.47 (	0.22- 0.99)
88	JIANG	12	m -	-	-	-	1.83 (	0.55- 6.08)
97	MASJED	26	m -	-	-	-	0.20 (	0.01- 7.30)
Partial Totals			9	194	34	342		
*prospective study								

NAmerica	Europe	Asia	Other	Total
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Relative risks

N	1	2	4	7
NS	1	2	4	7
Wt	12.97	8.79	11.59	33.36
Het Chi	0.00	0.35	4.55	6.85
Het df	0	1	3	6
Het P	N.S.	N.S.	N.S.	N.S.
Fixed RR	1.12	1.31	0.73	1.01
RRl	0.65	0.68	0.41	0.72
RRu	1.93	2.54	1.30	1.41
P	N.S.	N.S.	N.S.	N.S.
Random RR	1.12	1.31	0.81	1.00
RRl	0.65	0.68	0.36	0.68
RRu	1.93	2.54	1.83	1.47
P	N.S.	N.S.	N.S.	N.S.
Asymm P			N.S.	N.S.
Between Chi		0.13	1.12	1.95
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 65
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Squamous - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Numbers 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)
27	JANERI	5	c -	-	-	-	1.12 (0.87-	1.47)
28	KALAND	4	f -	-	-	-	2.58 (0.88-	7.57)
32	BROWN2	5	f -	-	-	-	0.60 (0.30-	1.30)
33	STOCKW	4	f -	-	-	-	2.20 (0.80-	5.80)
36	FONTHA	10	f -	-	-	-	1.37 (0.92-	2.03)
41	SUN	3	f -	-	-	-	2.06 (1.03-	4.15)
45	ZHENG	9	f 6	23	1	4	1.04 (0.10-	11.14)
47	BOFFET	21	c -	-	-	-	1.21 (0.77-	1.91)
49	ZARIDZ	6	f -	-	-	-	1.94 (0.99-	3.81)
52	RAPITI	32	c -	-	-	-	1.20 (0.40-	2.50)
54	ZHONG	6	f -	-	-	-	1.10 (0.70-	1.80)
64	ZATLOU	5	f -	-	-	-	0.66 (0.22-	1.96)
85	TSE	102	m -	-	-	-	0.43 (0.18-	1.06)
88	JIANG	2	c -	-	-	-	1.83 (0.92-	3.62)
97	MASJED	22	c 0	94	5	195	0.19~(0.01-	3.44)
99	SEKI	21	f -	-	-	-	2.24 (0.60-	8.38)
101	ILCCO	18	c -	-	-	-	1.46 (1.08-	1.97)
Partial Totals			71	268	45	345		

*prospective study

StN	Ref	NRR	SEX	EXP	Ys	Ws	Qs	Ps
4	TRICHO	1	f	s	0.73	12.77	1.94	0.0091
8	GARFI2	4	f	s	1.61	13.60	21.91	0.0000
12	LEE	15	m	s	-0.51	0.85	0.62	0.6368
12	LEE	7	f	s	0.53	0.89	0.03	0.6167
Subtotal 12					0.02	1.74	0.65	
16	KOO	8	f	t	0.55	2.49	0.11	0.3869
17	LAMT	5	f	s	-0.17	4.86	1.25	0.7117
18	PERSHA	3	f	s	1.19	2.81	2.05	0.0453
27	JANERI	5	c	s	0.11	55.85	2.88	0.3970
28	KALAND	4	f	s	0.95	3.32	1.22	0.0843
32	BROWN2	5	f	s	-0.51	7.15	5.18	0.1721
33	STOCKW	4	f	s	0.79	3.92	0.79	0.1187
36	FONTHA	10	f	s	0.31	24.53	0.02	0.1189
41	SUN	3	f	b	0.72	7.91	1.16	0.0421
45	ZHENG	9	f	h	0.04	0.68	0.06	0.9719
47	BOFFET	21	c	s	0.19	18.62	0.42	0.4108
49	ZARIDZ	6	f	s	0.66	8.46	0.88	0.0539
52	RAPITI	32	c	s	0.18	4.58	0.11	0.6965
54	ZHONG	6	f	s	0.10	17.23	1.03	0.6924
64	ZATLOU	5	f	t	-0.42	3.21	1.83	0.4564
85	TSE	102	m	h	-0.84	4.89	6.85	0.0621
88	JIANG	2	c	t	0.60	8.19	0.56	0.0852
97	MASJED	22	c	t	-1.67	0.46	1.84	0.2597
99	SEKI	21	f	s	0.81	2.21	0.48	0.2305
101	ILCCO	18	c	h	0.38	42.53	0.06	0.0136

 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 65
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Squamous - both sexes
 Overall analysis - adjusted

Relative risks

	N	24
	NS	23
	Wt	252.00
Het	Chi	53.29
Het	df	23
Het	P	***
Fixed	RR	1.41
	RRl	1.24
	RRu	1.59
	P	+++
Random	RR	1.44
	RRl	1.15
	RRu	1.80
	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 : 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 66
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Squamous - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Numbers 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)
27	JANERI	5	c -	-	-	-	1.12 (0.87-	1.47)
28	KALAND	4	f -	-	-	-	2.58 (0.88-	7.57)
32	BROWN2	5	f -	-	-	-	0.60 (0.30-	1.30)
33	STOCKW	4	f -	-	-	-	2.20 (0.80-	5.80)
36	FONTHA	9	f 99	766	56	487	1.12 (0.79-	1.59)
41	SUN	3	f -	-	-	-	2.06 (1.03-	4.15)
45	ZHENG	9	f 6	23	1	4	1.04 (0.10-	11.14)
47	BOFFET	20	c 59	700	50	838	1.41 (0.96-	2.09)
49	ZARIDZ	5	f 26	163	16	195	1.94 (1.01-	3.75)
52	RAPITI	32	c -	-	-	-	1.20 (0.40-	2.50)
54	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	TSE	101	m 9	194	34	342	0.47 (0.22-	0.99)
88	JIANG	6	c 39	29	28	38	1.83 (0.92-	3.62)
97	MASJED	22	c 0	94	5	195	0.19~(0.01-	3.44)
99	SEKI	14	f 10	1170	3	640	1.82 (0.50-	6.65)
101	ILCCO	13	c110	3366	93	3575	1.26 (0.95-	1.66)
Partial Totals			517	7344	398	7495		

*prospective study

StN	Ref	NRR	SEX	EXP	Ys	Ws	Qs	Ps
4	TRICHO	1	f	s	0.73	12.77	2.45	0.0091
8	GARFI2	4	f	s	1.61	13.60	23.60	0.0000
12	LEE	17	m	s	-0.27	1.03	0.33	0.7822
12	LEE	18	f	s	0.62	0.76	0.08	0.5869
Subtotal 12					0.11	1.79	0.41	
16	KOO	4	f	t	0.39	4.58	0.04	0.4072
17	LAMT	5	f	s	-0.17	4.86	1.03	0.7117
18	PERSHA	3	f	s	1.19	2.81	2.29	0.0453
27	JANERI	5	c	s	0.11	55.85	1.79	0.3970
28	KALAND	4	f	s	0.95	3.32	1.43	0.0843
32	BROWN2	5	f	s	-0.51	7.15	4.61	0.1721
33	STOCKW	4	f	s	0.79	3.92	0.96	0.1187
36	FONTHA	9	f	s	0.12	31.93	0.98	0.5091
41	SUN	3	f	b	0.72	7.91	1.47	0.0421
45	ZHENG	9	f	h	0.04	0.68	0.04	0.9719
47	BOFFET	20	c	s	0.35	25.27	0.07	0.0825
49	ZARIDZ	5	f	s	0.66	8.91	1.24	0.0472
52	RAPITI	32	c	s	0.18	4.58	0.06	0.6965
54	ZHONG	5	f	s	0.09	18.08	0.73	0.6982
64	ZATLOU	2	f	t	-0.46	3.43	1.94	0.3941
85	TSE	101	m	h	-0.76	6.73	7.48	0.0480
88	JIANG	6	c	t	0.60	8.19	0.78	0.0852
97	MASJED	22	c	t	-1.67	0.46	1.75	0.2597
99	SEKI	14	f	s	0.60	2.29	0.22	0.3628
101	ILCCO	13	c	h	0.23	48.97	0.20	0.1104

 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 66
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Squamous - both sexes
 Overall analysis - unadjusted

Relative risks

	N	24
	NS	23
	Wt	278.08
Het	Chi	55.57
Het	df	23
Het	P	***
Fixed	RR	1.34
	RRl	1.19
	RRu	1.51
	P	+++
Random	RR	1.40
	RRl	1.13
	RRu	1.74
	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 : 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 67
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Squamous - both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
8	GARFI2	4	f -	-	-	-	5.00 (2.94-	8.51)
27	JANERI	5	c -	-	-	-	1.12 (0.87-	1.47)
32	BROWN2	5	f -	-	-	-	0.60 (0.30-	1.30)
33	STOCKW	4	f -	-	-	-	2.20 (0.80-	5.80)
36	FONTHA	10	f -	-	-	-	1.37 (0.92-	2.03)
Partial Totals			0	0	0	0		

*prospective study

Europe

StN	Ref	NRR	Numbers 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)
28	KALAND	4	f -	-	-	-	2.58 (0.88-	7.57)
47	BOFFET	21	c -	-	-	-	1.21 (0.77-	1.91)
49	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	Numbers 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)
41	SUN	3	f -	-	-	-	2.06 (1.03-	4.15)
45	ZHENG	9	f 6	23	1	4	1.04 (0.10-	11.14)
52	RAPITI	32	c -	-	-	-	1.20 (0.40-	2.50)
54	ZHONG	6	f -	-	-	-	1.10 (0.70-	1.80)
85	TSE	102	m -	-	-	-	0.43 (0.18-	1.06)
88	JIANG	2	c -	-	-	-	1.83 (0.92-	3.62)
97	MASJED	22	c 0	94	5	195	0.19~(0.01-	3.44)
99	SEKI	21	f -	-	-	-	2.24 (0.60-	8.38)
Partial Totals			18	152	21	236		

*prospective study

Other

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
101	ILCCO	18	c -	-	-	-	1.46 (1.08-	1.97)
Partial Totals			0	0	0	0		

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	5	8	10	1	24
NS	5	7	10	1	23
Wt	105.05	50.93	53.49	42.53	252.00
Het Chi	30.77	8.20	12.38	0.00	53.29
Het df	4	7	9	0	23
Het P	***	N.S.	N.S.	N.S.	***
Fixed RR	1.40	1.59	1.22	1.46	1.41
RRl	1.16	1.21	0.93	1.08	1.24
RRu	1.70	2.09	1.59	1.97	1.59
P	+++	+++	N.S.	+	+++
Random RR	1.58	1.61	1.21	1.46	1.44
RRl	0.85	1.17	0.86	1.08	1.15
RRu	2.92	2.22	1.70	1.97	1.80
P	N.S.	++	N.S.	+	++
Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.
Between Chi		0.56	0.68	0.05	1.94

 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 67
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Squamous - both sexes
 By continent - adjusted

		NAmerica	Europe	Asia	Other	Total
Relative risks						
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 : 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), 17-NOV-15
 Squamous - both sexes
 By continent - unadjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
8	GARFI2	4	f -	-	-	-	5.00 (2.94-	8.51)
27	JANERI	5	c -	-	-	-	1.12 (0.87-	1.47)
32	BROWN2	5	f -	-	-	-	0.60 (0.30-	1.30)
33	STOCKW	4	f -	-	-	-	2.20 (0.80-	5.80)
36	FONTHA	9	f 99	766	56	487	1.12 (0.79-	1.59)
Partial Totals			99	766	56	487		

*prospective study

Europe			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)
28	KALAND	4	f -	-	-	-	2.58 (0.88-	7.57)
47	BOFFET	20	c 59	700	50	838	1.41 (0.96-	2.09)
49	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			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)
41	SUN	3	f -	-	-	-	2.06 (1.03-	4.15)
45	ZHENG	9	f 6	23	1	4	1.04 (0.10-	11.14)
52	RAPITI	32	c -	-	-	-	1.20 (0.40-	2.50)
54	ZHONG	5	f 59	377	32	224	1.10 (0.69-	1.74)
85	TSE	101	m 9	194	34	342	0.47 (0.22-	0.99)
88	JIANG	6	c 39	29	28	38	1.83 (0.92-	3.62)
97	MASJED	22	c 0	94	5	195	0.19~(0.01-	3.44)
99	SEKI	14	f 10	1170	3	640	1.82 (0.50-	6.65)
Partial Totals			160	2019	125	1520		

*prospective study

Other			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
101	ILCCO	13	c110	3366	93	3575	1.26 (0.95-	1.66)
Totals			110	3366	93	3575		

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	5	8	10	1	24
NS	5	7	10	1	23
Wt	112.45	58.30	58.36	48.97	278.08
Het Chi	31.92	7.33	12.65	0.00	55.57
Het df	4	7	9	0	23
Het P	***	N.S.	N.S.	N.S.	***
Fixed RR	1.32	1.65	1.18	1.26	1.34
RRl	1.10	1.27	0.91	0.95	1.19
RRu	1.59	2.13	1.52	1.66	1.51
P	++	+++	N.S.	N.S.	+++
Random RR	1.51	1.66	1.18	1.26	1.40
RRl	0.83	1.26	0.85	0.95	1.13
RRu	2.75	2.17	1.63	1.66	1.74
P	N.S.	+++	N.S.	N.S.	++
Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.
Between Chi		1.85	0.50	0.09	3.66

 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), 17-NOV-15
 Squamous - both sexes
 By continent - unadjusted

	NAmerica	Europe	Asia	Other	Total
Relative risks					
Between		1	1	1	3
Between		N.S.	N.S.	N.S.	N.S.
df					
P					

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 69
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Adenocarcinoma - females
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Numbers 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)
27	JANERI	22	f	-	-	-	-	0.97 (0.78- 1.21)
28	KALAND	5	f	-	-	-	-	2.04 (0.98- 4.24)
32	BROWN2	6	f	-	-	-	-	1.00 (0.80- 1.30)
33	STOCKW	5	f	-	-	-	-	1.30 (0.60- 2.70)
36	FONTHA	8	f	-	-	-	-	1.28 (1.01- 1.62)
41	SUN	4	f	-	-	-	-	2.86 (1.69- 4.84)
45	ZHENG	10	f	38	108	5	33	2.32 (0.85- 6.38)
47	BOFFET	100	f	-	-	-	-	1.08 (0.78- 1.50)
48	SHEN	1	f	56	59	14	11	0.75 (0.31- 1.78)
49	ZARIDZ	8	f	-	-	-	-	1.52 (0.96- 2.39)
50	BOFFE2	14	f	-	-	-	-	1.00 (0.50- 1.90)
52	RAPITI	36	f	-	-	-	-	1.00 (0.20- 4.60)
54	ZHONG	4	f	-	-	-	-	1.10 (0.80- 1.50)
64	ZATLOU	4	f	-	-	-	-	0.36 (0.11- 1.22)
81	KURAHA	12	f	-	-	-	-	1.83 (0.98- 3.40)
88	JIANG	19	f	-	-	-	-	4.33 (1.67- 11.25)
97	MASJED	29	f	-	-	-	-	2.40 (0.90- 6.70)
99	SEKI	23	f	-	-	-	-	1.44 (1.06- 1.95)
Partial Totals				209	295	95	216	

*prospective study

StN	Ref	NRR	SEX	EXP	Ys	Ws	Qs	Ps
8	GARFI2	5	f	s	0.29	14.88	0.07	0.2713
9	LAMW	1	f	s	0.70	10.14	2.33	0.0261
10	WU	3	f	s	0.18	4.31	0.01	0.7049
12	LEE	8	f	s	-0.89	1.23	1.52	0.3228
13	BROWN1	2	f	t	0.52	1.86	0.17	0.4791
16	KOO	9	f	t	0.48	4.04	0.27	0.3385
17	LAMT	7	f	s	0.75	17.19	4.84	0.0019
18	PERSHA	4	f	s	-0.22	8.80	1.72	0.5081
27	JANERI	22	f	s	-0.03	79.70	4.95	0.7857
28	KALAND	5	f	s	0.71	7.16	1.75	0.0564
32	BROWN2	6	f	s	0.00	65.19	3.12	1.0000
33	STOCKW	5	f	s	0.26	6.79	0.01	0.4941
36	FONTHA	8	f	s	0.25	68.83	0.05	0.0406
41	SUN	4	f	b	1.05	13.88	9.61	0.0001
45	ZHENG	10	f	h	0.84	3.76	1.46	0.1023
47	BOFFET	100	f	s	0.08	35.93	0.72	0.6446
48	SHEN	1	f	t	-0.29	5.07	1.33	0.5088
49	ZARIDZ	8	f	s	0.42	18.47	0.74	0.0719
50	BOFFE2	14	f	s	0.00	8.62	0.41	1.0000
52	RAPITI	36	f	s	0.00	1.56	0.07	1.0000
54	ZHONG	4	f	s	0.10	38.89	0.59	0.5523
64	ZATLOU	4	f	t	-1.02	2.65	4.08	0.0960
81	KURAHA	12	f	s	0.60	9.93	1.48	0.0569
88	JIANG	19	f	t	1.47	4.22	6.57	0.0026
97	MASJED	29	f	t	0.88	3.81	1.64	0.0874
99	SEKI	23	f	s	0.36	41.35	0.88	0.0190

 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 69
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Adenocarcinoma - females
 Overall analysis - adjusted

Relative risks

	N	26
	NS	26
	Wt	478.28
Het	Chi	50.40
Het	df	25
Het	P	**
Fixed	RR	1.24
	RRl	1.14
	RRu	1.36
	P	+++
Random	RR	1.34
	RRl	1.16
	RRu	1.56
	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 70
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Adenocarcinoma - females
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Case	Cont	Case	Cont	RR	95.00%CI
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)
27	JANERI	22	f -	-	-	-	0.97	(0.78- 1.21)
28	KALAND	5	f -	-	-	-	2.04	(0.98- 4.24)
32	BROWN2	6	f -	-	-	-	1.00	(0.80- 1.30)
33	STOCKW	5	f -	-	-	-	1.30	(0.60- 2.70)
36	FONTHA	7	f334	766	162	487	1.31	(1.05- 1.63)
41	SUN	4	f -	-	-	-	2.86	(1.69- 4.84)
45	ZHENG	10	f 38	108	5	33	2.32	(0.85- 6.38)
47	BOFFET	96	f -	-	-	-	1.31	(0.99- 1.74)
48	SHEN	1	f 56	59	14	11	0.75	(0.31- 1.78)
49	ZARIDZ	7	f 60	163	46	195	1.56	(1.01- 2.42)
50	BOFFE2	13	f 33	69	33	68	0.99	(0.55- 1.77)
52	RAPITI	36	f -	-	-	-	1.00	(0.20- 4.60)
54	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)
81	KURAHA	11	f 67	280213	15	97392	1.55	(0.89- 2.72)
88	JIANG	17	f -	-	-	-	4.33	(1.67- 11.25)
97	MASJED	29	f -	-	-	-	2.40	(0.90- 6.70)
99	SEKI	19	f161	1170	75	640	1.17	(0.88- 1.57)
Partial Totals			1115	283390	623	100079		

*prospective study

StN	Ref	NRR	SEX	EXP	Ys	Ws	Qs	Ps
8	GARFI2	5	f	s	0.29	14.88	0.09	0.2713
9	LAMW	1	f	s	0.70	10.14	2.46	0.0261
10	WU	2	f	s	0.34	4.18	0.08	0.4850
12	LEE	20	f	s	-0.99	1.92	2.73	0.1718
13	BROWN1	1	f	t	0.42	2.06	0.10	0.5451
16	KOO	5	f	t	0.16	6.75	0.02	0.6859
17	LAMT	7	f	s	0.75	17.19	5.08	0.0019
18	PERSHA	4	f	s	-0.22	8.80	1.62	0.5081
27	JANERI	22	f	s	-0.03	79.70	4.45	0.7857
28	KALAND	5	f	s	0.71	7.16	1.84	0.0564
32	BROWN2	6	f	s	0.00	65.19	2.76	1.0000
33	STOCKW	5	f	s	0.26	6.79	0.02	0.4941
36	FONTHA	7	f	s	0.27	79.84	0.34	0.0156
41	SUN	4	f	b	1.05	13.88	9.91	0.0001
45	ZHENG	10	f	h	0.84	3.76	1.52	0.1023
47	BOFFET	96	f	s	0.27	48.32	0.20	0.0605
48	SHEN	1	f	t	-0.29	5.07	1.26	0.5088
49	ZARIDZ	7	f	s	0.44	20.13	1.15	0.0459
50	BOFFE2	13	f	s	-0.01	11.14	0.54	0.9611
52	RAPITI	36	f	s	0.00	1.56	0.07	1.0000
54	ZHONG	3	f	s	0.02	46.21	1.61	0.8964
64	ZATLOU	1	f	t	-1.20	2.76	5.43	0.0469
81	KURAHA	11	f	s	0.44	12.26	0.67	0.1236
88	JIANG	17	f	t	1.47	4.22	6.70	0.0026
97	MASJED	29	f	t	0.88	3.81	1.71	0.0874
99	SEKI	19	f	s	0.16	45.53	0.09	0.2784

 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 70
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Adenocarcinoma - females
 Overall analysis - unadjusted

Relative risks

	N	26
	NS	26
	Wt	523.26
Het	Chi	52.45
Het	df	25
Het	P	**
Fixed	RR	1.23
	RRl	1.13
	RRu	1.34
	P	+++
Random	RR	1.31
	RRl	1.13
	RRu	1.52
	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 71
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Adenocarcinoma - females
 By continent - adjusted

NAmerica

StN	Ref	NRR	Numbers 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)	
27	JANERI	22	f -	-	-	-	0.97 (0.78- 1.21)	
32	BROWN2	6	f -	-	-	-	1.00 (0.80- 1.30)	
33	STOCKW	5	f -	-	-	-	1.30 (0.60- 2.70)	
36	FONTHA	8	f -	-	-	-	1.28 (1.01- 1.62)	
Partial Totals			0	0	0	0		

*prospective study

Europe

StN	Ref	NRR	Numbers 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)	
28	KALAND	5	f -	-	-	-	2.04 (0.98- 4.24)	
47	BOFFET	100	f -	-	-	-	1.08 (0.78- 1.50)	
49	ZARIDZ	8	f -	-	-	-	1.52 (0.96- 2.39)	
50	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	Numbers 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)	
41	SUN	4	f -	-	-	-	2.86 (1.69- 4.84)	
45	ZHENG	10	f 38	108	5	33	2.32 (0.85- 6.38)	
48	SHEN	1	f 56	59	14	11	0.75 (0.31- 1.78)	
52	RAPITI	36	f -	-	-	-	1.00 (0.20- 4.60)	
54	ZHONG	4	f -	-	-	-	1.10 (0.80- 1.50)	
81	KURAHA	12	f -	-	-	-	1.83 (0.98- 3.40)	
88	JIANG	19	f -	-	-	-	4.33 (1.67- 11.25)	
97	MASJED	29	f -	-	-	-	2.40 (0.90- 6.70)	
99	SEKI	23	f -	-	-	-	1.44 (1.06- 1.95)	
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	153.84	478.28
Het Chi	4.52	10.11	21.29	50.40
Het df	6	6	11	25
Het P	N.S.	N.S.	*	**
Fixed RR	1.10	1.13	1.60	1.24
RRl	0.97	0.91	1.37	1.14
RRu	1.24	1.40	1.88	1.36
P	N.S.	N.S.	+++	+++
Random RR	1.10	1.09	1.75	1.34
RRl	0.97	0.79	1.36	1.16
RRu	1.24	1.49	2.25	1.56
P	N.S.	N.S.	+++	+++
Asymm P	N.S.	N.S.	N.S.	N.S.
Between Chi		0.04	13.47	14.47
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 72
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Adenocarcinoma - females
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Numbers 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)	
27	JANERI	22	f -	-	-	-	0.97 (0.78- 1.21)	
32	BROWN2	6	f -	-	-	-	1.00 (0.80- 1.30)	
33	STOCKW	5	f -	-	-	-	1.30 (0.60- 2.70)	
36	FONTHA	7	f334	766	162	487	1.31 (1.05- 1.63)	
Partial Totals			357	806	186	549		

*prospective study

Europe

StN	Ref	NRR	Numbers 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)	
28	KALAND	5	f -	-	-	-	2.04 (0.98- 4.24)	
47	BOFFET	96	f -	-	-	-	1.31 (0.99- 1.74)	
49	ZARIDZ	7	f 60	163	46	195	1.56 (1.01- 2.42)	
50	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	Numbers 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)	
41	SUN	4	f -	-	-	-	2.86 (1.69- 4.84)	
45	ZHENG	10	f 38	108	5	33	2.32 (0.85- 6.38)	
48	SHEN	1	f 56	59	14	11	0.75 (0.31- 1.78)	
52	RAPITI	36	f -	-	-	-	1.00 (0.20- 4.60)	
54	ZHONG	3	f187	377	109	224	1.02 (0.76- 1.36)	
81	KURAHA	11	f 67	280213	15	97392	1.55 (0.89- 2.72)	
88	JIANG	17	f -	-	-	-	4.33 (1.67- 11.25)	
97	MASJED	29	f -	-	-	-	2.40 (0.90- 6.70)	
99	SEKI	19	f161	1170	75	640	1.17 (0.88- 1.57)	
Partial Totals			658	282152	306	98512		

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	7	7	12	26
NS	7	7	12	26
Wt	252.64	100.23	170.40	523.26
Het Chi	5.46	13.50	27.34	52.45
Het df	6	6	11	25
Het P	N.S.	*	**	**
Fixed RR	1.11	1.22	1.43	1.23
RRl	0.99	1.00	1.23	1.13
RRu	1.26	1.48	1.66	1.34
P	(+)	+	+++	+++
Random RR	1.11	1.09	1.62	1.31
RRl	0.99	0.77	1.23	1.13
RRu	1.26	1.54	2.13	1.52
P	(+)	N.S.	+++	+++
Asymm P	N.S.	N.S.	N.S.	N.S.
Between Chi		0.56	6.14	6.15
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 73
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Adenocarcinoma - males
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
12	LEE	16	m -	-	-	-	2.70	(0.24- 30.57)
27	JANERI	21	m -	-	-	-	0.97	(0.65- 1.44)
47	BOFFET	99	m -	-	-	-	1.08	(0.66- 1.77)
52	RAPITI	35	m -	-	-	-	1.00	(0.20- 6.40)
85	TSE	28	m -	-	-	-	1.18	(0.71- 1.98)
88	JIANG	18	m -	-	-	-	4.33	(1.09- 17.18)
97	MASJED	28	m -	-	-	-	2.40	(1.00- 5.70)
99	SEKI	8	m -	-	-	-	1.30	(0.27- 6.14)
Partial Totals			0	0	0	0		

*prospective study

StN	Ref	NRR	SEX	EXP	Ys	Ws	Qs	Ps
12	LEE	16	m	s	0.99	0.65	0.44	0.4218
27	JANERI	21	m	s	-0.03	24.29	1.02	0.8807
47	BOFFET	99	m	s	0.08	15.79	0.15	0.7597
52	RAPITI	35	m	s	0.00	1.28	0.04	1.0000
85	TSE	28	m	h	0.17	14.61	0.00	0.5270
88	JIANG	18	m	t	1.47	2.02	3.38	0.0369
97	MASJED	28	m	t	0.88	5.07	2.50	0.0486
99	SEKI	8	m	s	0.26	1.57	0.01	0.7420

Relative risks

N	8
NS	8
Wt	65.29
Het Chi	7.53
Het df	7
Het P	N.S.
Fixed RR	1.19
RRl	0.93
RRu	1.52
P	N.S.
Random RR	1.21
RRl	0.93
RRu	1.58
P	N.S.
Asymm P	(*)

 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 74
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Adenocarcinoma - males
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Numbers 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)
27	JANERI	21	m	-	-	-	-	0.97	(0.65- 1.44)
47	BOFFET	95	m	-	-	-	-	1.31	(0.85- 2.01)
52	RAPITI	35	m	-	-	-	-	1.00	(0.20- 6.40)
85	TSE	19	m	38	194	51	342	1.31	(0.83- 2.07)
88	JIANG	16	m	-	-	-	-	4.33	(1.09- 17.18)
97	MASJED	28	m	-	-	-	-	2.40	(1.00- 5.70)
99	SEKI	6	m	2	22	47	578	1.12	(0.26- 4.90)
Partial Totals				43	230	99	936		

*prospective study

StN	Ref	NRR	SEX	EXP	Ys	Ws	Qs	Ps
12	LEE	19	m	s	1.23	0.68	0.66	0.3091
27	JANERI	21	m	s	-0.03	24.29	1.87	0.8807
47	BOFFET	95	m	s	0.27	20.74	0.01	0.2187
52	RAPITI	35	m	s	0.00	1.28	0.08	1.0000
85	TSE	19	m	h	0.27	18.52	0.01	0.2406
88	JIANG	16	m	t	1.47	2.02	3.00	0.0372
97	MASJED	28	m	t	0.88	5.07	2.00	0.0486
99	SEKI	6	m	s	0.11	1.76	0.03	0.8824

Relative risks

N	8
NS	8
Wt	74.36
Het Chi	7.67
Het df	7
Het P	N.S.
Fixed RR	1.28
RRl	1.02
RRu	1.61
P	+
Random RR	1.30
RRl	1.01
RRu	1.68
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 75
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Adenocarcinoma - males
 By continent - adjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
27	JANERI	21	m -	-	-	-	0.97 (	0.65- 1.44)
Partial Totals			0	0	0	0		

Europe			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
12	LEE	16	m -	-	-	-	2.70 (	0.24- 30.57)
47	BOFFET	99	m -	-	-	-	1.08 (	0.66- 1.77)
Partial Totals			0	0	0	0		

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
52	RAPITI	35	m -	-	-	-	1.00 (	0.20- 6.40)
85	TSE	28	m -	-	-	-	1.18 (	0.71- 1.98)
88	JIANG	18	m -	-	-	-	4.33 (	1.09- 17.18)
97	MASJED	28	m -	-	-	-	2.40 (	1.00- 5.70)
99	SEKI	8	m -	-	-	-	1.30 (	0.27- 6.14)
Partial Totals			0	0	0	0		

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	1	2	5		8
NS	1	2	5		8
Wt	24.29	16.44	24.56		65.29
Het Chi	0.00	0.53	4.48		7.53
Het df	0	1	4		7
Het P	N.S.	N.S.	N.S.		N.S.
Fixed RR	0.97	1.12	1.52		1.19
RRl	0.65	0.69	1.02		0.93
RRu	1.44	1.82	2.25		1.52
P	N.S.	N.S.	+		N.S.
Random RR	0.97	1.12	1.58		1.21
RRl	0.65	0.69	1.01		0.93
RRu	1.44	1.82	2.48		1.58
P	N.S.	N.S.	+		N.S.
Asymm P			N.S.		(*)
Between Chi		0.20	2.44		2.53
Between df		1	1		2
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 : 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 76
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Adenocarcinoma - males
 By continent - unadjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
27	JANERI	21	m -	-	-	-	0.97 (0.65-	1.44)
Partial Totals			0	0	0	0		

*prospective study

Europe			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
12	LEE	19	m 3	14	1	16	3.43 (0.32-	36.83)
47	BOFFET	95	m -	-	-	-	1.31 (0.85-	2.01)
Partial Totals			3	14	1	16		

*prospective study

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
52	RAPITI	35	m -	-	-	-	1.00 (0.20-	6.40)
85	TSE	19	m 38	194	51	342	1.31 (0.83-	2.07)
88	JIANG	16	m -	-	-	-	4.33 (1.09-	17.18)
97	MASJED	28	m -	-	-	-	2.40 (1.00-	5.70)
99	SEKI	6	m 2	22	47	578	1.12 (0.26-	4.90)
Partial Totals			40	216	98	920		

*prospective study

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	1	2	5		8
NS	1	2	5		8
Wt	24.29	21.43	28.65		74.36
Het Chi	0.00	0.61	4.04		7.67
Het df	0	1	4		7
Het P	N.S.	N.S.	N.S.		N.S.
Fixed RR	0.97	1.35	1.56		1.28
RRl	0.65	0.88	1.08		1.02
RRu	1.44	2.06	2.24		1.61
P	N.S.	N.S.	+		+
Random RR	0.97	1.35	1.56		1.30
RRl	0.65	0.88	1.08		1.01
RRu	1.44	2.06	2.27		1.68
P	N.S.	N.S.	+		+
Asymm P			N.S.		N.S.
Between Chi		1.25	2.93		3.02
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 : 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 77
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Adenocarcinoma - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Numbers 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								
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)
27	JANERI	6	c	-	-	-	0.97	(0.79- 1.16)
28	KALAND	5	f	-	-	-	2.04	(0.98- 4.24)
32	BROWN2	6	f	-	-	-	1.00	(0.80- 1.30)
33	STOCKW	5	f	-	-	-	1.30	(0.60- 2.70)
36	FONTHA	8	f	-	-	-	1.28	(1.01- 1.62)
41	SUN	4	f	-	-	-	2.86	(1.69- 4.84)
45	ZHENG	10	f	38	108	5	2.32	(0.85- 6.38)
47	BOFFET	25	c	-	-	-	1.08	(0.82- 1.42)
48	SHEN	1	f	56	59	14	0.75	(0.31- 1.78)
49	ZARIDZ	8	f	-	-	-	1.52	(0.96- 2.39)
50	BOFFE2	12	c	-	-	-	1.00	(0.50- 1.80)
52	RAPITI	31	c	-	-	-	1.00	(0.30- 3.20)
54	ZHONG	4	f	-	-	-	1.10	(0.80- 1.50)
64	ZATLOU	4	f	-	-	-	0.36	(0.11- 1.22)
81	KURAHA	12	f	-	-	-	1.83	(0.98- 3.40)
85	TSE	28	m	-	-	-	1.18	(0.71- 1.98)
88	JIANG	3	c	-	-	-	4.33	(1.98- 9.49)
97	MASJED	21	c	22	94	19	2.40	(1.24- 4.65)
99	SEKI	8	m	-	-	-	1.30	(0.27- 6.14)
99	SEKI	23	f	-	-	-	1.44	(1.06- 1.95)
Subtotal 99								
101	ILCCO	17	c	-	-	-	1.43	(1.06- 1.93)
Partial Totals								
			231	389	114	411		

*prospective study

StN	Ref	NRR	SEX	EXP	Ys	Ws	Qs	Ps
8	GARFI2	5	f	s	0.29	14.88	0.09	0.2713
9	LAMW	1	f	s	0.70	10.14	2.43	0.0261
10	WU	3	f	s	0.18	4.31	0.00	0.7049
12	LEE	16	m	s	0.99	0.65	0.40	0.4218
12	LEE	8	f	s	-0.89	1.23	1.49	0.3228
Subtotal 12								
13	BROWN1	2	f	t	0.52	1.86	0.18	0.4791
16	KOO	9	f	t	0.48	4.04	0.29	0.3385
17	LAMT	7	f	s	0.75	17.19	5.02	0.0019
18	PERSHA	4	f	s	-0.22	8.80	1.64	0.5081
27	JANERI	6	c	s	-0.03	104.13	5.96	0.7559
28	KALAND	5	f	s	0.71	7.16	1.82	0.0564
32	BROWN2	6	f	s	0.00	65.19	2.84	1.0000
33	STOCKW	5	f	s	0.26	6.79	0.02	0.4941
36	FONTHA	8	f	s	0.25	68.83	0.10	0.0406
41	SUN	4	f	b	1.05	13.88	9.84	0.0001
45	ZHENG	10	f	h	0.84	3.76	1.51	0.1023
47	BOFFET	25	c	s	0.08	50.96	0.89	0.5827
48	SHEN	1	f	t	-0.29	5.07	1.28	0.5088
49	ZARIDZ	8	f	s	0.42	18.47	0.81	0.0719
50	BOFFE2	12	c	s	0.00	9.36	0.41	1.0000
52	RAPITI	31	c	s	0.00	2.74	0.12	1.0000
54	ZHONG	4	f	s	0.10	38.89	0.50	0.5523
64	ZATLOU	4	f	t	-1.02	2.65	4.02	0.0960
81	KURAHA	12	f	s	0.60	9.93	1.55	0.0569
85	TSE	28	m	h	0.17	14.61	0.03	0.5270
88	JIANG	3	c	t	1.47	6.25	9.88	0.0002
97	MASJED	21	c	t	0.88	8.78	3.91	0.0094
99	SEKI	8	m	s	0.26	1.57	0.00	0.7420
99	SEKI	23	f	s	0.36	41.35	1.00	0.0190

 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 77
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Adenocarcinoma - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	EXP	Ys	Ws	Qs	Ps
Subtotal	99				0.36	42.93	1.01	
101	ILCCO	17	c	h	0.20	241.31	0.02	0.0020

Relative risks

N	30
NS	28
Wt	784.80
Het Chi	58.06
Het df	29
Het P	**
Fixed RR	1.23
RRl	1.15
RRu	1.32
P	+++
Random RR	1.33
RRl	1.17
RRu	1.51
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 78
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Adenocarcinoma - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Case	Cont	Case	Cont	RR	95.00%CI
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)
27	JANERI	6	c -	-	-	-	0.97 (	0.79- 1.16)
28	KALAND	5	f -	-	-	-	2.04 (	0.98- 4.24)
32	BROWN2	6	f -	-	-	-	1.00 (	0.80- 1.30)
33	STOCKW	5	f -	-	-	-	1.30 (	0.60- 2.70)
36	FONTHA	7	f334	766	162	487	1.31 (	1.05- 1.63)
41	SUN	4	f -	-	-	-	2.86 (	1.69- 4.84)
45	ZHENG	10	f 38	108	5	33	2.32 (	0.85- 6.38)
47	BOFFET	24	c174	700	159	838	1.31 (	1.03- 1.66)
48	SHEN	1	f 56	59	14	11	0.75 (	0.31- 1.78)
49	ZARIDZ	7	f 60	163	46	195	1.56 (	1.01- 2.42)
50	BOFFE2	11	c 33	75	37	103	1.22 (	0.70- 2.14)
52	RAPITI	31	c -	-	-	-	1.00 (	0.30- 3.20)
54	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)
81	KURAHA	11	f 67	280213	15	97392	1.55 (	0.89- 2.72)
85	TSE	19	m 38	194	51	342	1.31 (	0.83- 2.07)
88	JIANG	7	c 38	18	19	39	4.33 (	1.98- 9.49)
97	MASJED	21	c 22	94	19	195	2.40 (	1.24- 4.65)
99	SEKI	6	m 2	22	47	578	1.12 (	0.26- 4.90)
99	SEKI	19	f161	1170	75	640	1.17 (	0.88- 1.57)
Subtotal 99							1.17 (	0.88- 1.56)
101	ILCCO	12	c791	3366	637	3575	1.32 (	1.18- 1.48)
Partial Totals			2183	287804	1560	105697		

*prospective study

StN	Ref	NRR	SEX	EXP	Ys	Ws	Qs	Ps
8	GARFI2	5	f	s	0.29	14.88	0.04	0.2713
9	LAMW	1	f	s	0.70	10.14	2.18	0.0261
10	WU	2	f	s	0.34	4.18	0.05	0.4850
12	LEE	19	m	s	1.23	0.68	0.68	0.3091
12	LEE	20	f	s	-0.99	1.92	2.87	0.1718
Subtotal 12					-0.41	2.61	3.54	
13	BROWN1	1	f	t	0.42	2.06	0.07	0.5451
16	KOO	5	f	t	0.16	6.75	0.04	0.6859
17	LAMT	7	f	s	0.75	17.19	4.54	0.0019
18	PERSHA	4	f	s	-0.22	8.80	1.85	0.5081
27	JANERI	6	c	s	-0.03	104.13	7.35	0.7559
28	KALAND	5	f	s	0.71	7.16	1.64	0.0564
32	BROWN2	6	f	s	0.00	65.19	3.60	1.0000
33	STOCKW	5	f	s	0.26	6.79	0.01	0.4941
36	FONTHA	7	f	s	0.27	79.84	0.10	0.0156
41	SUN	4	f	b	1.05	13.88	9.23	0.0001
45	ZHENG	10	f	h	0.84	3.76	1.39	0.1023
47	BOFFET	24	c	s	0.27	68.22	0.08	0.0257
48	SHEN	1	f	t	-0.29	5.07	1.42	0.5088
49	ZARIDZ	7	f	s	0.44	20.13	0.89	0.0459
50	BOFFE2	11	c	s	0.20	12.44	0.01	0.4743
52	RAPITI	31	c	s	0.00	2.74	0.15	1.0000
54	ZHONG	3	f	s	0.02	46.21	2.16	0.8964
64	ZATLOU	1	f	t	-1.20	2.76	5.65	0.0469
81	KURAHA	11	f	s	0.44	12.26	0.51	0.1236
85	TSE	19	m	h	0.27	18.52	0.03	0.2406
88	JIANG	7	c	t	1.47	6.24	9.47	0.0002
97	MASJED	21	c	t	0.88	8.78	3.61	0.0094
99	SEKI	6	m	s	0.11	1.76	0.03	0.8824
99	SEKI	19	f	s	0.16	45.53	0.25	0.2784

 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 78
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Adenocarcinoma - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	EXP	Ys	Ws	Qs	Ps
Subtotal	99				0.16	47.29	0.28	
101	ILCCO	12	c	h	0.28	293.18	0.51	0.0000

Relative risks

	N	30
	NS	28
	Wt	891.21
Het	Chi	60.39
Het	df	29
Het	P	***
Fixed	RR	1.27
	RRl	1.18
	RRu	1.35
	P	+++
Random	RR	1.33
	RRl	1.18
	RRu	1.50
	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 79
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 17-NOV-15
 Adenocarcinoma - both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	Numbers 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)	
27	JANERI	6	c -	-	-	-	0.97 (0.79- 1.16)	
32	BROWN2	6	f -	-	-	-	1.00 (0.80- 1.30)	
33	STOCKW	5	f -	-	-	-	1.30 (0.60- 2.70)	
36	FONTHA	8	f -	-	-	-	1.28 (1.01- 1.62)	
Partial Totals			0	0	0	0		

*prospective study

Europe

StN	Ref	NRR	Numbers 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)	
28	KALAND	5	f -	-	-	-	2.04 (0.98- 4.24)	
47	BOFFET	25	c -	-	-	-	1.08 (0.82- 1.42)	
49	ZARIDZ	8	f -	-	-	-	1.52 (0.96- 2.39)	
50	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	Numbers 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)	
41	SUN	4	f -	-	-	-	2.86 (1.69- 4.84)	
45	ZHENG	10	f 38	108	5	33	2.32 (0.85- 6.38)	
48	SHEN	1	f 56	59	14	11	0.75 (0.31- 1.78)	
52	RAPITI	31	c -	-	-	-	1.00 (0.30- 3.20)	
54	ZHONG	4	f -	-	-	-	1.10 (0.80- 1.50)	
81	KURAHA	12	f -	-	-	-	1.83 (0.98- 3.40)	
85	TSE	28	m -	-	-	-	1.18 (0.71- 1.98)	
88	JIANG	3	c -	-	-	-	4.33 (1.98- 9.49)	
97	MASJED	21	c 22	94	19	195	2.40 (1.24- 4.65)	
99	SEKI	8	m -	-	-	-	1.30 (0.27- 6.14)	
99	SEKI	23	f -	-	-	-	1.44 (1.06- 1.95)	
Subtotal 99							1.43 (1.06- 1.93)	
Partial Totals			231	389	114	411		

*prospective study

Other

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
101	ILCCO	17	c -	-	-	-	1.22 (1.08- 1.39)	
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 : 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), 17-NOV-15
 Adenocarcinoma - both sexes
 By continent - adjusted

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	7	8	14	1	30
NS	7	7	13	1	28
Wt	266.00	99.29	178.20	241.31	784.80
Het Chi	4.86	10.65	25.80	0.00	58.06
Het df	6	7	13	0	29
Het P	N.S.	N.S.	*	N.S.	**
Fixed RR	1.08	1.12	1.59	1.22	1.23
RRl	0.96	0.92	1.37	1.08	1.15
RRu	1.22	1.37	1.84	1.38	1.32
P	N.S.	N.S.	+++	++	+++
Random RR	1.08	1.11	1.70	1.22	1.33
RRl	0.96	0.82	1.35	1.08	1.17
RRu	1.22	1.49	2.15	1.38	1.51
P	N.S.	N.S.	+++	++	+++
Asymm P	N.S.	N.S.	N.S.		N.S.
Between Chi		0.09	15.61	1.75	16.76
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 | 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), 17-NOV-15
 Adenocarcinoma - both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Numbers 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)	
27	JANERI	6	c -	-	-	-	0.97 (0.79- 1.16)	
32	BROWN2	6	f -	-	-	-	1.00 (0.80- 1.30)	
33	STOCKW	5	f -	-	-	-	1.30 (0.60- 2.70)	
36	FONTHA	7	f334	766	162	487	1.31 (1.05- 1.63)	
Partial Totals			357	806	186	549		

*prospective study

Europe

StN	Ref	NRR	Numbers 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)	
28	KALAND	5	f -	-	-	-	2.04 (0.98- 4.24)	
47	BOFFET	24	c174	700	159	838	1.31 (1.03- 1.66)	
49	ZARIDZ	7	f 60	163	46	195	1.56 (1.01- 2.42)	
50	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	Numbers 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)	
41	SUN	4	f -	-	-	-	2.86 (1.69- 4.84)	
45	ZHENG	10	f 38	108	5	33	2.32 (0.85- 6.38)	
48	SHEN	1	f 56	59	14	11	0.75 (0.31- 1.78)	
52	RAPITI	31	c -	-	-	-	1.00 (0.30- 3.20)	
54	ZHONG	3	f187	377	109	224	1.02 (0.76- 1.36)	
81	KURAHA	11	f 67	280213	15	97392	1.55 (0.89- 2.72)	
85	TSE	19	m 38	194	51	342	1.31 (0.83- 2.07)	
88	JIANG	7	c 38	18	19	39	4.33 (1.98- 9.49)	
97	MASJED	21	c 22	94	19	195	2.40 (1.24- 4.65)	
99	SEKI	6	m 2	22	47	578	1.12 (0.26- 4.90)	
99	SEKI	19	f161	1170	75	640	1.17 (0.88- 1.57)	
Subtotal 99							1.17 (0.88- 1.56)	
Partial Totals			758	282480	442	99666		

*prospective study

Other

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
101	ILCCO	12	c791	3366	637	3575	1.32 (1.18- 1.48)	
Totals			791	3366	637	3575		

*prospective study

 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), 17-NOV-15
 Adenocarcinoma - both sexes
 By continent - unadjusted

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	7	8	14	1	30
NS	7	7	13	1	28
Wt	277.07	122.12	198.85	293.18	891.21
Het Chi	5.89	13.66	31.55	0.00	60.39
Het df	6	7	13	0	29
Het P	N.S.	(*)	**	N.S.	***
Fixed RR	1.10	1.26	1.44	1.32	1.27
RRl	0.98	1.06	1.26	1.18	1.18
RRu	1.24	1.51	1.66	1.48	1.35
P	N.S.	++	+++	+++	+++
Random RR	1.10	1.17	1.60	1.32	1.33
RRl	0.98	0.85	1.26	1.18	1.18
RRu	1.24	1.61	2.04	1.48	1.50
P	N.S.	N.S.	+++	+++	+++
Asymm P	N.S.	N.S.	N.S.		N.S.
Between Chi		1.62	8.46	4.63	9.28
Between df		1	1	1	3
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 81
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 17-NOV-15
 Workers only, if available - both sexes
 Overall analysis - adjusted

Overall		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)
27	JANERI	1	c -	-	-	-	0.91 (0.61- 1.35)
28	KALAND	1	f 13	10	52	68	1.70 (0.69- 4.18)
30	WU-WIL	2	f -	-	-	-	1.06 (0.80- 1.40)
32	BROWN2	1	f -	-	-	-	0.98 (0.74- 1.31)
36	FONTHA	4	f -	-	-	-	1.56 (1.21- 2.02)
39	KABAT2	1	m 23	65	18	52	1.02 (0.50- 2.09)
39	KABAT2	2	f 35	85	23	64	1.15 (0.62- 2.13)
Subtotal 39							1.09 (0.68- 1.74)
40	SCHWAR	2	c -	-	-	-	1.50 (1.00- 2.20)
41	SUN	1	f -	-	-	-	1.38 (0.94- 2.04)
43	WANGT	1	f113	115	22	20	0.89 (0.46- 1.73)
44	CARDEN	1	m -	-	-	-	1.09 (0.62- 1.91)
44	CARDEN	2	f -	-	-	-	1.00 (0.65- 1.54)
Subtotal 44							1.03 (0.73- 1.45)
47	BOFFET	2	m -	-	-	-	1.13 (0.68- 1.86)
47	BOFFET	4	f -	-	-	-	1.19 (0.94- 1.51)
Subtotal 47							1.18 (0.95- 1.46)
49	ZARIDZ	2	f -	-	-	-	0.88 (0.55- 1.41)
50	BOFFE2	28	c -	-	-	-	1.50 (0.80- 3.00)
52	RAPITI	27	c -	-	-	-	1.10 (0.30- 4.10)
54	ZHONG	14	f -	-	-	-	1.70 (1.30- 2.30)
55	LEECH	14	f -	-	-	-	0.91 (0.52- 1.62)
57	WANGL	47	c -	-	-	-	1.56 (0.70- 3.30)
58	JOHNSO	10	f -	-	-	-	1.36 (0.80- 2.31)
61	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)
72	RYLAND	5	c -	-	-	-	2.26 (0.93- 5.48)
73	WEN	7	f -	-	-	-	1.79 (1.09- 2.93)
79	ASOMAN	2	c 85	266	53	200	1.21 (0.82- 1.78)
81	KURAHA	30	f -	-	-	-	1.32 (0.85- 2.04)
85	TSE	44	m -	-	-	-	1.15 (0.74- 1.77)
87	BRENNE	14	c 69	179	82	267	1.26 (0.87- 1.82)
95	ALZOUG	20	c -	-	-	-	1.51 (0.75- 3.05)
96	GELAC	12	m -	-	-	-	1.16 (0.83- 1.63)
96	GELAC	28	f -	-	-	-	1.47 (1.18- 1.83)
Subtotal 96							1.37 (1.14- 1.65)
97	MASJED	9	m 3	13	23	157	1.58 (0.42- 5.95)
97	MASJED	10	f 1	0	54	119	6.58~(0.26- 164.08)
Subtotal 97							1.94 (0.57- 6.63)
101	ILCCO	26	c -	-	-	-	1.10 (0.99- 1.22)
Partial Totals			474	1065	552	1502	

*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 81
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 17-NOV-15
 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	2.75	0.0484
7	KABAT1	2	f	t	-0.38	6.53	2.12	0.3308
Subtotal 7					0.09	9.30	4.87	
8	GARFI2	1	f	t	-0.08	14.47	1.03	0.7704
10	WU	1	f	a	0.26	4.31	0.02	0.5858
12	LEE	1	m	t	0.48	1.93	0.16	0.5088
12	LEE	2	f	t	-0.47	2.23	0.96	0.4866
Subtotal 12					-0.03	4.16	1.12	
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
27	JANERI	1	c	t	-0.09	24.35	1.96	0.6417
28	KALAND	1	f	t	0.53	4.74	0.55	0.2479
30	WU-WIL	2	f	t	0.06	49.07	0.84	0.6832
32	BROWN2	1	f	t	-0.02	47.11	2.07	0.8897
36	FONTHA	4	f	t	0.44	58.51	3.81	0.0007
39	KABAT2	1	m	t	0.02	7.48	0.21	0.9521
39	KABAT2	2	f	t	0.14	10.06	0.03	0.6661
Subtotal 39					0.09	17.54	0.24	
40	SCHWAR	2	c	t	0.41	24.72	1.15	0.0438
41	SUN	1	f	t	0.32	25.59	0.45	0.1032
43	WANGT	1	f	t	-0.11	8.85	0.81	0.7371
44	CARDEN	1	m	t	0.09	12.14	0.13	0.7640
44	CARDEN	2	f	t	0.00	20.65	0.74	1.0000
Subtotal 44					0.03	32.79	0.87	
47	BOFFET	2	m	t	0.12	15.18	0.07	0.6340
47	BOFFET	4	f	t	0.17	68.40	0.02	0.1503
Subtotal 47					0.16	83.57	0.09	
49	ZARIDZ	2	f	t	-0.13	17.34	1.75	0.5945
50	BOFFE2	28	c	a	0.41	8.80	0.41	0.2292
52	RAPITI	27	c	t	0.10	2.25	0.02	0.8864
54	ZHONG	14	f	t	0.53	47.20	5.49	0.0003
55	LEECH	14	f	t	-0.09	11.90	0.96	0.7449
57	WANGL	47	c	t	0.44	6.39	0.42	0.2609
58	JOHNSO	10	f	t	0.31	13.67	0.19	0.2557
61	OHNO	16	f	t	0.32	23.94	0.42	0.1151
65	IARCKR	5	m	t	-0.69	4.39	3.42	0.1466
65	IARCKR	7	f	t	0.34	15.02	0.32	0.1923
Subtotal 65					0.10	19.40	3.74	
67	EPICA	8	c	t	0.25	9.44	0.03	0.4482
70	GORLOV	3	m	t	0.46	5.26	0.38	0.2940
70	GORLOV	4	f	t	0.67	10.03	2.30	0.0344
Subtotal 70					0.60	15.29	2.67	
72	RYLAND	5	c	t	0.82	4.88	1.91	0.0715
73	WEN	7	f	t	0.58	15.72	2.42	0.0210
79	ASOMAN	2	c	t	0.19	25.39	0.00	0.3456
81	KURAHA	30	f	t	0.28	20.05	0.16	0.2138
85	TSE	44	m	t	0.14	20.20	0.05	0.5299
87	BRENNE	14	c	t	0.23	27.76	0.04	0.2312
95	ALZOUG	20	c	t	0.41	7.81	0.39	0.2495
96	GELAC	12	m	t	0.15	33.73	0.06	0.3887
96	GELAC	28	f	t	0.39	79.80	3.06	0.0006
Subtotal 96					0.31	113.54	3.12	
97	MASJED	9	m	t	0.45	2.17	0.15	0.5029
97	MASJED	10	f	t	1.88	0.37	1.07	0.2510
Subtotal 97					0.66	2.54	1.22	
101	ILCCO	26	c	t	0.10	352.11	3.12	0.0737

 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 81
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 17-NOV-15
 Workers only, if available - both sexes
 Overall analysis - adjusted

Relative risks

	N	47
	NS	38
	Wt	1192.89
	Het Chi	48.42
	Het df	46
	Het P	N.S.
Fixed	RR	1.21
	RRl	1.14
	RRu	1.28
	P	+++
Random	RR	1.22
	RRl	1.15
	RRu	1.30
	P	+++
Asymm	P	N.S.

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 82
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 17-NOV-15
 Workers only, if available - both sexes
 Overall analysis - unadjusted

Overall		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)
27	JANERI	1	c -	-	-	-	0.91 (0.61- 1.35)
28	KALAND	1	f 13	10	52	68	1.70 (0.69- 4.18)
30	WU-WIL	1	f228	301	187	301	1.22 (0.95- 1.57)
32	BROWN2	2	f119	445	151	560	0.99 (0.76- 1.30)
36	FONTHA	3	f385	756	143	392	1.40 (1.11- 1.75)
39	KABAT2	1	m 23	65	18	52	1.02 (0.50- 2.09)
39	KABAT2	2	f 35	85	23	64	1.15 (0.62- 2.13)
Subtotal 39							1.09 (0.68- 1.74)
40	SCHWAR	1	c136	126	121	151	1.35 (0.96- 1.89)
41	SUN	1	f -	-	-	-	1.38 (0.94- 2.04)
43	WANGT	1	f113	115	22	20	0.89 (0.46- 1.73)
44	CARDEN	1	m -	-	-	-	1.09 (0.62- 1.91)
44	CARDEN	2	f -	-	-	-	1.00 (0.65- 1.54)
Subtotal 44							1.03 (0.73- 1.45)
47	BOFFET	1	m105	379	36	152	1.17 (0.77- 1.79)
47	BOFFET	3	f269	476	240	535	1.26 (1.02- 1.56)
Subtotal 47							1.24 (1.03- 1.50)
49	ZARIDZ	1	f 36	67	153	291	1.02 (0.65- 1.60)
50	BOFFE2	27	c 38	97	31	81	1.02 (0.59- 1.79)
52	RAPITI	27	c -	-	-	-	1.10 (0.30- 4.10)
54	ZHONG	13	f136	127	368	474	1.38 (1.05- 1.82)
55	LEECH	13	f 32	45	236	400	1.21 (0.75- 1.95)
57	WANGL	47	c -	-	-	-	1.56 (0.70- 3.30)
58	JOHNSO	9	f 38	373	33	388	1.20 (0.74- 1.95)
61	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	15	m 36	23	27	27	1.57 (0.74- 3.30)
70	GORLOV	16	f 46	33	84	104	1.73 (1.01- 2.94)
Subtotal 70							1.67 (1.08- 2.58)
72	RYLAND	4	c -	-	-	-	2.45 (1.03- 5.84)
73	WEN	7	f -	-	-	-	1.79 (1.09- 2.93)
79	ASOMAN	2	c 85	266	53	200	1.21 (0.82- 1.78)
81	KURAHA	29	f 30	94652	77	279421	1.15 (0.75- 1.75)
85	TSE	37	m 72	257	60	279	1.30 (0.89- 1.91)
87	BRENNE	14	c 69	179	82	267	1.26 (0.87- 1.82)
95	ALZOUG	50	c 28	261	16	175	1.17 (0.62- 2.23)
96	GELAC	5	m160	150	159	169	1.13 (0.83- 1.55)
96	GELAC	20	f249	183	972	1038	1.45 (1.18- 1.79)
Subtotal 96							1.34 (1.13- 1.60)
97	MASJED	9	m 3	13	23	157	1.58 (0.42- 5.95)
97	MASJED	10	f 1	0	54	119	6.58~(0.26- 164.08)
Subtotal 97							1.94 (0.57- 6.63)
101	ILCCO	21	1012	3062	1277	3879	1.00 (0.91- 1.10)
Partial Totals			3755	103072	4988	290454	

*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 82
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 17-NOV-15
 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	2.98	0.0484
7	KABAT1	2	f	t	-0.38	6.53	1.83	0.3308
Subtotal 7					0.09	9.30	4.81	
8	GARFI2	1	f	t	-0.08	14.47	0.74	0.7704
10	WU	1	f	a	0.26	4.31	0.06	0.5858
12	LEE	1	m	t	0.48	1.93	0.21	0.5088
12	LEE	2	f	t	-0.47	2.23	0.84	0.4866
Subtotal 12					-0.03	4.16	1.05	
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
27	JANERI	1	c	t	-0.09	24.35	1.44	0.6417
28	KALAND	1	f	t	0.53	4.74	0.69	0.2479
30	WU-WIL	1	f	t	0.20	61.06	0.15	0.1214
32	BROWN2	2	f	t	-0.01	52.47	1.30	0.9521
36	FONTHA	3	f	t	0.33	74.27	2.53	0.0040
39	KABAT2	1	m	t	0.02	7.48	0.12	0.9521
39	KABAT2	2	f	t	0.14	10.06	0.00	0.6661
Subtotal 39					0.09	17.54	0.12	
40	SCHWAR	1	c	t	0.30	33.14	0.73	0.0864
41	SUN	1	f	t	0.32	25.59	0.77	0.1032
43	WANGT	1	f	t	-0.11	8.85	0.61	0.7371
44	CARDEN	1	m	t	0.09	12.14	0.05	0.7640
44	CARDEN	2	f	t	0.00	20.65	0.46	1.0000
Subtotal 44					0.03	32.79	0.51	
47	BOFFET	1	m	t	0.16	21.50	0.00	0.4673
47	BOFFET	3	f	t	0.23	84.36	0.56	0.0339
Subtotal 47					0.22	105.86	0.56	
49	ZARIDZ	1	f	t	0.02	18.98	0.31	0.9246
50	BOFFE2	27	c	a	0.02	12.31	0.19	0.9347
52	RAPITI	27	c	t	0.10	2.25	0.01	0.8864
54	ZHONG	13	f	t	0.32	49.87	1.48	0.0232
55	LEECH	13	f	t	0.19	16.61	0.02	0.4467
57	WANGL	47	c	t	0.44	6.39	0.56	0.2609
58	JOHNSO	9	f	t	0.18	16.16	0.02	0.4681
61	OHNO	15	f	t	0.30	27.87	0.63	0.1141
65	IARCKR	5	m	t	-0.69	4.39	3.11	0.1466
65	IARCKR	6	f	t	0.10	19.52	0.06	0.6737
Subtotal 65					-0.05	23.90	3.17	
67	EPICA	8	c	t	0.25	9.44	0.09	0.4482
70	GORLOV	15	m	t	0.45	6.88	0.61	0.2399
70	GORLOV	16	f	t	0.55	13.59	2.14	0.0442
Subtotal 70					0.51	20.47	2.75	
72	RYLAND	4	c	t	0.90	5.10	2.85	0.0429
73	WEN	7	f	t	0.58	15.72	2.95	0.0210
79	ASOMAN	2	c	t	0.19	25.39	0.04	0.3456
81	KURAHA	29	f	t	0.14	21.60	0.00	0.5156
85	TSE	37	m	t	0.26	26.29	0.35	0.1751
87	BRENNE	14	c	t	0.23	27.76	0.17	0.2312
95	ALZOUG	50	c	t	0.16	9.28	0.00	0.6262
96	GELAC	5	m	t	0.13	39.80	0.02	0.4284
96	GELAC	20	f	t	0.37	87.16	4.39	0.0005
Subtotal 96					0.30	126.97	4.41	
97	MASJED	9	m	t	0.45	2.17	0.20	0.5029
97	MASJED	10	f	t	1.88	0.37	1.12	0.2510
Subtotal 97					0.66	2.54	1.32	
101	ILCCO	21	c	t	0.00	424.52	8.96	0.9356

 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 82
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 17-NOV-15
 Workers only, if available - both sexes
 Overall analysis - unadjusted

Relative risks

	N	47
	NS	38
	Wt	1380.53
	Het Chi	46.34
	Het df	46
	Het P	N.S.
Fixed	RR	1.16
	RRl	1.10
	RRu	1.22
	P	+++
Random	RR	1.17
	RRl	1.10
	RRu	1.23
	P	+++
Asymm	P	*

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 83
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 17-NOV-15
 Workers only, if available - both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	Numbers 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)	
27	JANERI	1	c -	-	-	-	0.91 (0.61- 1.35)	
32	BROWN2	1	f -	-	-	-	0.98 (0.74- 1.31)	
36	FONTHA	4	f -	-	-	-	1.56 (1.21- 2.02)	
39	KABAT2	1	m 23	65	18	52	1.02 (0.50- 2.09)	
39	KABAT2	2	f 35	85	23	64	1.15 (0.62- 2.13)	
Subtotal 39							1.09 (0.68- 1.74)	
40	SCHWAR	2	c -	-	-	-	1.50 (1.00- 2.20)	
44	CARDEN	1	m -	-	-	-	1.09 (0.62- 1.91)	
44	CARDEN	2	f -	-	-	-	1.00 (0.65- 1.54)	
Subtotal 44							1.03 (0.73- 1.45)	
58	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)	
79	ASOMAN	2	c 85	266	53	200	1.21 (0.82- 1.78)	
87	BRENNE	14	c 69	179	82	267	1.26 (0.87- 1.82)	
95	ALZOUG	20	c -	-	-	-	1.51 (0.75- 3.05)	
Partial Totals			290	755	252	754		

*prospective study

Europe

StN	Ref	NRR	Numbers 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)	
28	KALAND	1	f 13	10	52	68	1.70 (0.69- 4.18)	
47	BOFFET	2	m -	-	-	-	1.13 (0.68- 1.86)	
47	BOFFET	4	f -	-	-	-	1.19 (0.94- 1.51)	
Subtotal 47							1.18 (0.95- 1.46)	
49	ZARIDZ	2	f -	-	-	-	0.88 (0.55- 1.41)	
50	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)	
72	RYLAND	5	c -	-	-	-	2.26 (0.93- 5.48)	
Partial Totals			23	113	67	221		

*prospective study

Asia

StN	Ref	NRR	Numbers 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)	
30	WU-WIL	2	f -	-	-	-	1.06 (0.80- 1.40)	
41	SUN	1	f -	-	-	-	1.38 (0.94- 2.04)	
43	WANGT	1	f113	115	22	20	0.89 (0.46- 1.73)	
52	RAPITI	27	c -	-	-	-	1.10 (0.30- 4.10)	
54	ZHONG	14	f -	-	-	-	1.70 (1.30- 2.30)	
55	LEECH	14	f -	-	-	-	0.91 (0.52- 1.62)	
57	WANGL	47	c -	-	-	-	1.56 (0.70- 3.30)	
61	OHNO	16	f -	-	-	-	1.38 (0.92- 2.05)	
73	WEN	7	f -	-	-	-	1.79 (1.09- 2.93)	
81	KURAHA	30	f -	-	-	-	1.32 (0.85- 2.04)	
85	TSE	44	m -	-	-	-	1.15 (0.74- 1.77)	
96	GELAC	12	m -	-	-	-	1.16 (0.83- 1.63)	
96	GELAC	28	f -	-	-	-	1.47 (1.18- 1.83)	
Subtotal 96							1.37 (1.14- 1.65)	
97	MASJED	9	m 3	13	23	157	1.58 (0.42- 5.95)	
97	MASJED	10	f 1	0	54	119	6.58~ (0.26- 164.08)	
Subtotal 97							1.94 (0.57- 6.63)	

 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 84
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 17-NOV-15
 Workers only, if available - both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Numbers 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)	
27	JANERI	1	c -	-	-	-	0.91 (0.61- 1.35)	
32	BROWN2	2	f119	445	151	560	0.99 (0.76- 1.30)	
36	FONTHA	3	f385	756	143	392	1.40 (1.11- 1.75)	
39	KABAT2	1	m 23	65	18	52	1.02 (0.50- 2.09)	
39	KABAT2	2	f 35	85	23	64	1.15 (0.62- 2.13)	
Subtotal 39							1.09 (0.68- 1.74)	
40	SCHWAR	1	c136	126	121	151	1.35 (0.96- 1.89)	
44	CARDEN	1	m -	-	-	-	1.09 (0.62- 1.91)	
44	CARDEN	2	f -	-	-	-	1.00 (0.65- 1.54)	
Subtotal 44							1.03 (0.73- 1.45)	
58	JOHNSO	9	f 38	373	33	388	1.20 (0.74- 1.95)	
70	GORLOV	15	m 36	23	27	27	1.57 (0.74- 3.30)	
70	GORLOV	16	f 46	33	84	104	1.73 (1.01- 2.94)	
Subtotal 70							1.67 (1.08- 2.58)	
79	ASOMAN	2	c 85	266	53	200	1.21 (0.82- 1.78)	
87	BRENNE	14	c 69	179	82	267	1.26 (0.87- 1.82)	
95	ALZOUG	50	c 28	261	16	175	1.17 (0.62- 2.23)	
Partial Totals			1078	2772	827	2551		

*prospective study

Europe

StN	Ref	NRR	Numbers 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)	
28	KALAND	1	f 13	10	52	68	1.70 (0.69- 4.18)	
47	BOFFET	1	m105	379	36	152	1.17 (0.77- 1.79)	
47	BOFFET	3	f269	476	240	535	1.26 (1.02- 1.56)	
Subtotal 47							1.24 (1.03- 1.50)	
49	ZARIDZ	1	f 36	67	153	291	1.02 (0.65- 1.60)	
50	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)	
72	RYLAND	4	c -	-	-	-	2.45 (1.03- 5.84)	
Partial Totals			471	1132	527	1280		

*prospective study

Asia

StN	Ref	NRR	Numbers 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)	
30	WU-WIL	1	f228	301	187	301	1.22 (0.95- 1.57)	
41	SUN	1	f -	-	-	-	1.38 (0.94- 2.04)	
43	WANGT	1	f113	115	22	20	0.89 (0.46- 1.73)	
52	RAPITI	27	c -	-	-	-	1.10 (0.30- 4.10)	
54	ZHONG	13	f136	127	368	474	1.38 (1.05- 1.82)	
55	LEECH	13	f 32	45	236	400	1.21 (0.75- 1.95)	
57	WANGL	47	c -	-	-	-	1.56 (0.70- 3.30)	
61	OHNO	15	f126	194	65	135	1.35 (0.93- 1.96)	
73	WEN	7	f -	-	-	-	1.79 (1.09- 2.93)	
81	KURAHA	29	f 30	94652	77	279421	1.15 (0.75- 1.75)	
85	TSE	37	m 72	257	60	279	1.30 (0.89- 1.91)	
96	GELAC	5	m160	150	159	169	1.13 (0.83- 1.55)	
96	GELAC	20	f249	183	972	1038	1.45 (1.18- 1.79)	
Subtotal 96							1.34 (1.13- 1.60)	
97	MASJED	9	m 3	13	23	157	1.58 (0.42- 5.95)	
97	MASJED	10	f 1	0	54	119	6.58~(0.26- 164.08)	
Subtotal 97							1.94 (0.57- 6.63)	

 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 84
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 17-NOV-15
 Workers only, if available - both sexes
 By continent - unadjusted

Asia		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	Case	Cont	Case	Cont		
Partial Totals		1194	96106	2357	282744		
*prospective study							
Other		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	Case	Cont	Case	Cont		
101	ILCCO	21	1012	3062	1277	3879	1.00 (0.91- 1.10)
Totals		1012	3062	1277	3879		
*prospective study							
		NAmerica	Europe	Asia	Other	Total	
Relative risks							
	N	18	11	17	1	47	
	NS	14	8	15	1	38	
	Wt	361.71	184.50	409.81	424.52	1380.53	
	Het Chi	15.06	8.82	7.11	0.00	46.34	
	Het df	17	10	16	0	46	
	Het P	N.S.	N.S.	N.S.	N.S.	N.S.	
Fixed	RR	1.18	1.19	1.31	1.00	1.16	
	RRl	1.07	1.03	1.19	0.91	1.10	
	RRu	1.31	1.37	1.45	1.10	1.22	
	P	++	+	+++	N.S.	+++	
Random	RR	1.18	1.19	1.31	1.00	1.17	
	RRl	1.07	1.03	1.19	0.91	1.10	
	RRu	1.31	1.37	1.45	1.10	1.23	
	P	++	+	+++	N.S.	+++	
Asymm	P	N.S.	N.S.	N.S.		*	
Between	Chi		0.00	2.01	5.35	15.35	
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) 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 85
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 17-NOV-15
 All household members, if available - both sexes
 Overall analysis - adjusted

Overall		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)
26	SVENSS	4	f -	-	-	-	3.30 (0.50- 18.80)
27	JANERI	13	c -	-	-	-	1.33 (0.86- 2.06)
29	SOBUE	4	f -	-	-	-	1.28 (0.71- 2.31)
32	BROWN2	10	f -	-	-	-	0.80 (0.60- 1.10)
33	STOCKW	6	f -	-	-	-	1.66 (0.80- 3.44)
36	FONTHA	18	f -	-	-	-	0.89 (0.72- 1.10)
39	KABAT2	9	m 25	76	15	41	0.90 (0.43- 1.89)
39	KABAT2	10	f 47	106	22	81	1.63 (0.91- 2.92)
Subtotal 39							1.30 (0.82- 2.06)
41	SUN	7	f -	-	-	-	2.29 (1.56- 3.37)
43	WANGT	3	f 80	83	55	52	0.91 (0.56- 1.48)
47	BOFFET	28	m -	-	-	-	0.79 (0.52- 1.21)
47	BOFFET	30	f -	-	-	-	0.77 (0.61- 0.98)
Subtotal 47							0.77 (0.63- 0.95)
49	ZARIDZ	10	f -	-	-	-	0.92 (0.64- 1.32)
50	BOFFE2	2	c -	-	-	-	0.60 (0.30- 1.20)
52	RAPITI	22	m -	-	-	-	1.09 (0.38- 3.18)
52	RAPITI	16	f -	-	-	-	12.00 (4.30- 32.00)
Subtotal 52							3.87 (1.87- 8.03)
54	ZHONG	8	f -	-	-	-	0.93 (0.72- 1.20)
55	LEECH	16	f -	-	-	-	2.10 (1.40- 3.14)
57	WANGL	18	m -	-	-	-	1.46 (0.60- 3.70)
57	WANGL	20	f -	-	-	-	1.51 (1.00- 2.20)
Subtotal 57							1.50 (1.05- 2.16)
58	JOHNSO	4	f -	-	-	-	1.38 (0.81- 2.34)
61	OHNO	4	f -	-	-	-	1.00 (0.51- 1.98)
62	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)
73	WEN	12	f -	-	-	-	0.88 (0.55- 1.43)
81	KURAHA	45	f -	-	-	-	0.93 (0.52- 1.66)
83	YANG	4	c -	-	-	-	1.47 (1.00- 2.15)
84	OLIVOM	2	c -	-	-	-	2.25 (1.04- 4.90)
86	LIANG	1	f124	140	102	139	1.21 (0.85- 1.72)
87	BRENNE	12	c 93	298	58	148	0.80 (0.54- 1.17)
89	EPICC	5	c -	-	-	-	1.34 (0.80- 2.22)
94	FERREC	2	c -	-	-	-	1.57 (0.82- 3.02)
95	ALZOUG	18	c -	-	-	-	0.66 (0.35- 1.27)
101	ILCCO	76	c -	-	-	-	1.08 (0.92- 1.26)
Partial Totals			369	703	252	461	
*prospective study							

 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 85
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure. 17-NOV-15
 All household members, if available - both sexes
 Overall analysis - adjusted

Overall

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	1.14	0.3494
14	GAO	9	f	t	0.10	19.52	0.01	0.6737
16	KOO	11	f	t	-0.58	3.98	1.69	0.2477
18	PERSHA	5	f	t	0.00	5.02	0.03	1.0000
26	SVENSS	4	f	t	1.19	1.17	1.47	0.1969
27	JANERI	13	c	t	0.29	20.14	0.91	0.2006
29	SOBUE	4	f	t	0.25	11.04	0.33	0.4121
32	BROWN2	10	f	t	-0.22	41.82	3.67	0.1490
33	STOCKW	6	f	t	0.51	7.22	1.36	0.1732
36	FONTHA	18	f	t	-0.12	85.55	3.07	0.2811
39	KABAT2	9	m	t	-0.11	6.93	0.22	0.7795
39	KABAT2	10	f	t	0.49	11.30	1.97	0.0995
Subtotal 39					0.26	18.23	2.19	
41	SUN	7	f	t	0.83	25.90	14.79	0.0000
43	WANGT	3	f	t	-0.09	16.14	0.44	0.7090
47	BOFFET	28	m	t	-0.24	21.54	2.05	0.2739
47	BOFFET	30	f	t	-0.26	68.36	7.64	0.0307
Subtotal 47					-0.26	89.91	9.69	
49	ZARIDZ	10	f	t	-0.08	29.32	0.72	0.6516
50	BOFFE2	2	c	a	-0.51	8.00	2.72	0.1486
52	RAPITI	22	m	t	0.09	3.40	0.00	0.8737
52	RAPITI	16	f	t	2.48	3.81	22.19	0.0000
Subtotal 52					1.35	7.22	22.19	
54	ZHONG	8	f	t	-0.07	58.89	1.25	0.5776
55	LEECH	16	f	t	0.74	23.55	10.54	0.0003
57	WANGL	18	m	t	0.38	4.64	0.43	0.4148
57	WANGL	20	f	t	0.41	24.72	2.84	0.0405
Subtotal 57					0.41	29.36	3.28	
58	JOHNSO	4	f	t	0.32	13.65	0.85	0.2340
61	OHNO	4	f	t	0.00	8.35	0.04	1.0000
62	RACHTA	2	f	t	1.20	4.12	5.21	0.0151
64	ZATLOU	12	f	g	0.48	17.62	2.87	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	0.51	
73	WEN	12	f	t	-0.13	16.83	0.68	0.6000
81	KURAHA	45	f	t	-0.07	11.40	0.24	0.8064
83	YANG	4	c	t	0.39	26.22	2.56	0.0485
84	OLIVOM	2	c	h	0.81	6.40	3.48	0.0403
86	LIANG	1	f	t	0.19	31.05	0.41	0.2945
87	BRENNE	12	c	t	-0.23	26.24	2.37	0.2434
89	EPICC	5	c	t	0.29	14.75	0.71	0.2610
94	FERREC	2	c	t	0.45	9.04	1.29	0.1750
95	ALZOUG	18	c	t	-0.42	9.25	2.21	0.2063
101	ILCCO	76	c	t	0.08	155.36	0.00	0.3374

Relative risks

	N	41
	NS	36
	Wt	894.29
	Het Chi	105.46
	Het df	40
	Het P	***
Fixed	RR	1.08
	RRl	1.01
	RRu	1.15
	P	+
Random	RR	1.15
	RRl	1.02
	RRu	1.29
	P	+
Asymm	P	(*)

 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 86
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 17-NOV-15
 All household members, if available - both sexes
 Overall analysis - unadjusted

Overall		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)
26	SVENSS	3	f 3	5	19	98	3.09 (0.68- 14.06)
27	JANERI	8	c134	123	57	68	1.30 (0.85- 2.00)
29	SOBUE	3	f 17	63	127	668	1.42 (0.80- 2.51)
32	BROWN2	9	f108	364	323	802	0.74 (0.57- 0.95)
33	STOCKW	6	f -	-	-	-	1.66 (0.80- 3.44)
36	FONTHA	17	f377	808	229	430	0.88 (0.72- 1.07)
39	KABAT2	9	m 25	76	15	41	0.90 (0.43- 1.89)
39	KABAT2	10	f 47	106	22	81	1.63 (0.91- 2.92)
Subtotal 39							1.30 (0.82- 2.06)
41	SUN	7	f -	-	-	-	2.29 (1.56- 3.37)
43	WANGT	3	f 80	83	55	52	0.91 (0.56- 1.48)
47	BOFFET	5	m 75	321	65	201	0.72 (0.50- 1.05)
47	BOFFET	29	f314	700	187	295	0.71 (0.56- 0.89)
Subtotal 47							0.71 (0.59- 0.86)
49	ZARIDZ	9	f 92	178	97	180	0.96 (0.67- 1.36)
50	BOFFE2	1	c 33	110	32	55	0.52 (0.29- 0.92)
52	RAPITI	21	m 1	14	16	42	0.19 (0.02- 1.54)
52	RAPITI	15	f 30	16	11	51	8.69 (3.57- 21.18)
Subtotal 52							4.87 (2.14- 11.05)
54	ZHONG	7	f227	270	277	331	1.00 (0.79- 1.27)
55	LEECH	15	f117	127	151	318	1.94 (1.41- 2.66)
57	WANGL	17	m 20	56	12	58	1.73 (0.77- 3.86)
57	WANGL	19	f132	247	64	160	1.34 (0.93- 1.91)
Subtotal 57							1.39 (1.00- 1.93)
58	JOHNSO	3	f 48	467	23	294	1.31 (0.78- 2.21)
61	OHNO	3	f 16	28	174	301	0.99 (0.52- 1.88)
62	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)
73	WEN	12	f -	-	-	-	0.88 (0.55- 1.43)
81	KURAHA	45	f -	-	-	-	0.93 (0.52- 1.66)
83	YANG	3	c 98	135	74	154	1.51 (1.03- 2.21)
84	OLIVOM	1	c 28	61	17	73	1.97 (0.99- 3.94)
86	LIANG	1	f124	140	102	139	1.21 (0.85- 1.72)
87	BRENNE	12	c 93	298	58	148	0.80 (0.54- 1.17)
89	EPICC	5	c -	-	-	-	1.34 (0.80- 2.22)
94	FERREC	1	c 20	64	39	178	1.43 (0.77- 2.63)
95	ALZOUG	48	c 22	267	22	169	0.63 (0.34- 1.18)
101	ILCCO	71	c563	1611	485	1081	0.78 (0.67- 0.90)
Partial Totals			2911	7186	2912	7297	

*prospective study

 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 86
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure. 17-NOV-15
 All household members, if available - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
8	GARFI2	9	f	t	-0.09	19.17	0.16	0.6797
10	WU	4	f	a	-0.51	3.36	0.86	0.3494
14	GAO	9	f	t	0.10	19.52	0.19	0.6737
16	KOO	7	f	t	-0.61	2.77	1.00	0.3129
18	PERSHA	5	f	t	0.00	5.02	0.00	1.0000
26	SVENSS	3	f	t	1.13	1.68	2.16	0.1434
27	JANERI	8	c	t	0.26	20.90	1.48	0.2308
29	SOBUE	3	f	t	0.35	11.90	1.49	0.2271
32	BROWN2	9	f	t	-0.31	61.16	5.56	0.0169
33	STOCKW	6	f	t	0.51	7.22	1.88	0.1732
36	FONTHA	17	f	t	-0.13	94.50	1.55	0.1986
39	KABAT2	9	m	t	-0.11	6.93	0.07	0.7795
39	KABAT2	10	f	t	0.49	11.30	2.76	0.0995
Subtotal 39					0.26	18.23	2.83	
41	SUN	7	f	t	0.83	25.90	17.95	0.0000
43	WANGT	3	f	t	-0.09	16.14	0.13	0.7090
47	BOFFET	5	m	t	-0.33	27.17	2.80	0.0902
47	BOFFET	29	f	t	-0.35	74.90	8.75	0.0028
Subtotal 47					-0.34	102.07	11.55	
49	ZARIDZ	9	f	t	-0.04	30.91	0.04	0.8165
50	BOFFE2	1	c	a	-0.66	11.26	4.88	0.0263
52	RAPITI	21	m	t	-1.67	0.86	2.41	0.1198
52	RAPITI	15	f	t	2.16	4.85	22.75	0.0000
Subtotal 52					1.58	5.71	25.16	
54	ZHONG	7	f	t	0.00	67.84	0.01	0.9696
55	LEECH	15	f	t	0.66	38.19	16.98	0.0000
57	WANGL	17	m	t	0.55	5.94	1.80	0.1835
57	WANGL	19	f	t	0.29	29.85	2.58	0.1135
Subtotal 57					0.33	35.79	4.37	
58	JOHNSO	3	f	t	0.27	14.32	1.10	0.3017
61	OHNO	3	f	t	-0.01	9.32	0.00	0.9718
62	RACHTA	1	f	t	0.80	8.78	5.66	0.0180
64	ZATLOU	9	f	g	0.42	19.01	3.41	0.0676
65	IARCKR	8	m	t	-0.03	5.02	0.00	0.9456
65	IARCKR	9	f	t	-0.11	14.49	0.15	0.6883
Subtotal 65					-0.09	19.52	0.15	
73	WEN	12	f	t	-0.13	16.83	0.26	0.6000
81	KURAHA	45	f	t	-0.07	11.40	0.05	0.8064
83	YANG	3	c	t	0.41	26.58	4.61	0.0334
84	OLIVOM	1	c	h	0.68	8.02	3.74	0.0546
86	LIANG	1	f	t	0.19	31.05	1.15	0.2945
87	BRENNE	12	c	t	-0.23	26.24	1.31	0.2434
89	EPICC	5	c	t	0.29	14.75	1.30	0.2610
94	FERREC	1	c	t	0.36	10.32	1.33	0.2540
95	ALZOUG	48	c	t	-0.46	9.94	2.04	0.1493
101	ILCCO	71	c	t	-0.25	185.74	11.22	0.0007

Relative risks

	N	41
	NS	36
	Wt	1011.05
	Het Chi	137.57
	Het df	40
	Het P	***
Fixed	RR	1.00
	RRl	0.94
	RRu	1.06
	P	N.S.
Random	RR	1.11
	RRl	0.98
	RRu	1.27
	P	(+)
Asymm	P	*

 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 87
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 17-NOV-15
 All household members, if available - both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	Numbers 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)	
27	JANERI	13	c -	-	-	-	1.33 (0.86- 2.06)	
32	BROWN2	10	f -	-	-	-	0.80 (0.60- 1.10)	
33	STOCKW	6	f -	-	-	-	1.66 (0.80- 3.44)	
36	FONTHA	18	f -	-	-	-	0.89 (0.72- 1.10)	
39	KABAT2	9	m 25	76	15	41	0.90 (0.43- 1.89)	
39	KABAT2	10	f 47	106	22	81	1.63 (0.91- 2.92)	
Subtotal 39							1.30 (0.82- 2.06)	
58	JOHNSO	4	f -	-	-	-	1.38 (0.81- 2.34)	
83	YANG	4	c -	-	-	-	1.47 (1.00- 2.15)	
84	OLIVOM	2	c -	-	-	-	2.25 (1.04- 4.90)	
87	BRENNE	12	c 93	298	58	148	0.80 (0.54- 1.17)	
95	ALZOUG	18	c -	-	-	-	0.66 (0.35- 1.27)	
Partial Totals			165	480	95	270		

*prospective study

Europe

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
18	PERSHA	5	f -	-	-	-	1.00 (0.40- 2.30)	
26	SVENSS	4	f -	-	-	-	3.30 (0.50- 18.80)	
47	BOFFET	28	m -	-	-	-	0.79 (0.52- 1.21)	
47	BOFFET	30	f -	-	-	-	0.77 (0.61- 0.98)	
Subtotal 47							0.77 (0.63- 0.95)	
49	ZARIDZ	10	f -	-	-	-	0.92 (0.64- 1.32)	
50	BOFFE2	2	c -	-	-	-	0.60 (0.30- 1.20)	
62	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	Numbers 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)	
29	SOBUE	4	f -	-	-	-	1.28 (0.71- 2.31)	
41	SUN	7	f -	-	-	-	2.29 (1.56- 3.37)	
43	WANGT	3	f 80	83	55	52	0.91 (0.56- 1.48)	
52	RAPITI	22	m -	-	-	-	1.09 (0.38- 3.18)	
52	RAPITI	16	f -	-	-	-	12.00 (4.30- 32.00)	
Subtotal 52							3.87 (1.87- 8.03)	
54	ZHONG	8	f -	-	-	-	0.93 (0.72- 1.20)	
55	LEECH	16	f -	-	-	-	2.10 (1.40- 3.14)	
57	WANGL	18	m -	-	-	-	1.46 (0.60- 3.70)	
57	WANGL	20	f -	-	-	-	1.51 (1.00- 2.20)	
Subtotal 57							1.50 (1.05- 2.16)	
61	OHNO	4	f -	-	-	-	1.00 (0.51- 1.98)	
73	WEN	12	f -	-	-	-	0.88 (0.55- 1.43)	
81	KURAHA	45	f -	-	-	-	0.93 (0.52- 1.66)	
86	LIANG	1	f 124	140	102	139	1.21 (0.85- 1.72)	
Partial Totals			204	223	157	191		

*prospective study

 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 87
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure. 17-NOV-15
 All household members, if available - both sexes
 By continent - adjusted

Other			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
94	FERREC	2	c -	-	-	-	1.57 (	0.82- 3.02)
101	ILCCO	76	c -	-	-	-	1.08 (	0.92- 1.26)
Partial Totals			0	0	0	0		

*prospective study

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	13	11	15	2	41
	NS	12	9	13	2	36
	Wt	277.25	189.42	263.22	164.40	894.29
	Het Chi	23.04	20.37	49.57	1.20	105.46
	Het df	12	10	14	1	40
	Het P	*	*	***	N.S.	***
Fixed	RR	1.00	0.94	1.26	1.10	1.08
	RRl	0.89	0.81	1.11	0.95	1.01
	RRu	1.13	1.08	1.42	1.28	1.15
	P	N.S.	N.S.	+++	N.S.	+
Random	RR	1.06	1.02	1.31	1.13	1.15
	RRl	0.89	0.81	1.02	0.89	1.02
	RRu	1.28	1.29	1.67	1.45	1.29
	P	N.S.	N.S.	+	N.S.	+
Asymm	P	N.S.	(*)	N.S.		(*)
Between	Chi		0.53	6.75	0.89	11.28
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) 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 88
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 17-NOV-15
 All household members, if available - both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Numbers 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)	
27	JANERI	8	c134	123	57	68	1.30 (0.85- 2.00)	
32	BROWN2	9	f108	364	323	802	0.74 (0.57- 0.95)	
33	STOCKW	6	f -	-	-	-	1.66 (0.80- 3.44)	
36	FONTHA	17	f377	808	229	430	0.88 (0.72- 1.07)	
39	KABAT2	9	m 25	76	15	41	0.90 (0.43- 1.89)	
39	KABAT2	10	f 47	106	22	81	1.63 (0.91- 2.92)	
Subtotal 39							1.30 (0.82- 2.06)	
58	JOHNSO	3	f 48	467	23	294	1.31 (0.78- 2.21)	
83	YANG	3	c 98	135	74	154	1.51 (1.03- 2.21)	
84	OLIVOM	1	c 28	61	17	73	1.97 (0.99- 3.94)	
87	BRENNE	12	c 93	298	58	148	0.80 (0.54- 1.17)	
95	ALZOUG	48	c 22	267	22	169	0.63 (0.34- 1.18)	
Partial Totals			980	2705	840	2260		

*prospective study

Europe

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
18	PERSHA	5	f -	-	-	-	1.00 (0.40- 2.30)	
26	SVENSS	3	f 3	5	19	98	3.09 (0.68- 14.06)	
47	BOFFET	5	m 75	321	65	201	0.72 (0.50- 1.05)	
47	BOFFET	29	f314	700	187	295	0.71 (0.56- 0.89)	
Subtotal 47							0.71 (0.59- 0.86)	
49	ZARIDZ	9	f 92	178	97	180	0.96 (0.67- 1.36)	
50	BOFFE2	1	c 33	110	32	55	0.52 (0.29- 0.92)	
62	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	Numbers 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)	
29	SOBUE	3	f 17	63	127	668	1.42 (0.80- 2.51)	
41	SUN	7	f -	-	-	-	2.29 (1.56- 3.37)	
43	WANGT	3	f 80	83	55	52	0.91 (0.56- 1.48)	
52	RAPITI	21	m 1	14	16	42	0.19 (0.02- 1.54)	
52	RAPITI	15	f 30	16	11	51	8.69 (3.57- 21.18)	
Subtotal 52							4.87 (2.14- 11.05)	
54	ZHONG	7	f227	270	277	331	1.00 (0.79- 1.27)	
55	LEECH	15	f117	127	151	318	1.94 (1.41- 2.66)	
57	WANGL	17	m 20	56	12	58	1.73 (0.77- 3.86)	
57	WANGL	19	f132	247	64	160	1.34 (0.93- 1.91)	
Subtotal 57							1.39 (1.00- 1.93)	
61	OHNO	3	f 16	28	174	301	0.99 (0.52- 1.88)	
73	WEN	12	f -	-	-	-	0.88 (0.55- 1.43)	
81	KURAHA	45	f -	-	-	-	0.93 (0.52- 1.66)	
86	LIANG	1	f124	140	102	139	1.21 (0.85- 1.72)	
Partial Totals			768	1055	1073	2246		

*prospective study

 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 88
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure. 17-NOV-15
 All household members, if available - both sexes
 By continent - unadjusted

Other			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
94	FERREC	1	c 20	64	39	178	1.43 (	0.77- 2.63)
101	ILCCO	71	c563	1611	485	1081	0.78 (	0.67- 0.90)
Totals			583	1675	524	1259		

*prospective study

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	13	11	15	2	41
	NS	12	9	13	2	36
	Wt	309.64	212.99	292.36	196.06	1011.05
	Het Chi	26.83	26.63	49.61	3.58	137.57
	Het df	12	10	14	1	40
	Het P	**	**	***	(*)	***
Fixed	RR	0.97	0.89	1.29	0.80	1.00
	RRl	0.86	0.78	1.15	0.70	0.94
	RRu	1.08	1.02	1.44	0.92	1.06
	P	N.S.	N.S.	+++	--	N.S.
Random	RR	1.04	1.00	1.30	0.98	1.11
	RRl	0.86	0.78	1.02	0.55	0.98
	RRu	1.26	1.28	1.65	1.73	1.27
	P	N.S.	N.S.	+	N.S.	(+)
Asymm	P	N.S.	(*)	N.S.		*
Between	Chi		0.75	12.40	4.00	30.92
Between	df		1	1	1	3
Between	P		N.S.	+++	-	***

 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 89
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure. 17-NOV-15
 Mother (specifically) - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
26	SVENSS	4	f	-	-	-	3.30 (0.50- 18.80)	
29	SOBUE	4	f	-	-	-	1.28 (0.71- 2.31)	
36	FONTHA	14	f	-	-	-	0.86 (0.62- 1.18)	
47	BOFFET	36	m	-	-	-	1.02 (0.39- 2.68)	
47	BOFFET	38	f	-	-	-	0.84 (0.47- 1.48)	
Subtotal 47							0.88 (0.54- 1.45)	
50	BOFFE2	6	c	-	-	-	0.40 (0.09- 1.80)	
52	RAPITI	20	f	-	-	-	5.60 (1.00- 32.00)	
55	LEECH	4	f	-	-	-	0.90 (0.32- 2.53)	
61	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
26	SVENSS	4	f	t	1.19	1.17	1.78	0.1969
29	SOBUE	4	f	t	0.25	11.04	0.91	0.4121
36	FONTHA	14	f	t	-0.15	37.10	0.46	0.3583
47	BOFFET	36	m	t	0.02	4.14	0.01	0.9679
47	BOFFET	38	f	t	-0.17	11.68	0.21	0.5513
Subtotal 47					-0.12	15.81	0.23	
50	BOFFE2	6	c	a	-0.92	1.71	1.32	0.2305
52	RAPITI	20	f	t	1.72	1.28	3.97	0.0514
55	LEECH	4	f	t	-0.11	3.59	0.02	0.8417
61	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 90
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure. 17-NOV-15
 Mother (specifically) - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
26	SVENSS	3	f 3	5	19	98	3.09 (0.68- 14.06)	
29	SOBUE	3	f 17	63	127	668	1.42 (0.80- 2.51)	
36	FONTHA	13	f 76	161	548	1079	0.93 (0.69- 1.24)	
47	BOFFET	35	m 11	26	65	201	1.31 (0.61- 2.79)	
47	BOFFET	37	f 26	54	187	295	0.76 (0.46- 1.26)	
Subtotal 47							0.90 (0.59- 1.36)	
50	BOFFE2	5	c 3	18	32	55	0.29 (0.08- 1.05)	
52	RAPITI	19	f 5	3	11	51	7.73 (1.60- 37.24)	
55	LEECH	3	f 8	9	260	436	1.49 (0.57- 3.91)	
61	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
26	SVENSS	3	f	t	1.13	1.68	2.06	0.1434
29	SOBUE	3	f	t	0.35	11.90	1.28	0.2271
36	FONTHA	13	f	t	-0.07	45.21	0.42	0.6228
47	BOFFET	35	m	t	0.27	6.68	0.40	0.4874
47	BOFFET	37	f	t	-0.28	15.22	1.35	0.2834
Subtotal 47					-0.11	21.90	1.75	
50	BOFFE2	5	c	a	-1.25	2.28	3.70	0.0590
52	RAPITI	19	f	t	2.04	1.55	6.35	0.0108
55	LEECH	3	f	t	0.40	4.13	0.58	0.4174
61	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 91
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure. 17-NOV-15
 Mother (specifically) - both sexes
 By continent - adjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
36	FONTHA	14	f	-	-	-	-	0.86 (0.62- 1.18)
Partial Totals			0	0	0	0		

*prospective study

Europe			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
26	SVENSS	4	f	-	-	-	-	3.30 (0.50- 18.80)
47	BOFFET	36	m	-	-	-	-	1.02 (0.39- 2.68)
47	BOFFET	38	f	-	-	-	-	0.84 (0.47- 1.48)
Subtotal 47								0.88 (0.54- 1.45)
50	BOFFE2	6	c	-	-	-	-	0.40 (0.09- 1.80)
Partial Totals			0	0	0	0		

*prospective study

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
29	SOBUE	4	f	-	-	-	-	1.28 (0.71- 2.31)
52	RAPITI	20	f	-	-	-	-	5.60 (1.00- 32.00)
55	LEECH	4	f	-	-	-	-	0.90 (0.32- 2.53)
61	OHNO	4	f	-	-	-	-	1.00 (0.51- 1.98)
Partial Totals			0	0	0	0		

*prospective study

	NAmerica	Europe	Asia	Other	Total
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Relative risks

	N	NS	Wt	Het Chi	Het df	Het P	Fixed RR	RRl	RRu	P	Random RR	RRl	RRu	P	Asymm P	Between Chi	Between df	Between P
	1	1	37.10	0.00	0	N.S.	0.86	0.62	1.19	N.S.	0.86	0.62	1.19	N.S.		0.02	1	N.S.
	4	3	18.69	3.22	3	N.S.	0.89	0.57	1.40	N.S.	0.90	0.55	1.47	N.S.		1.68	1	N.S.
	4	4	24.27	3.66	3	N.S.	1.21	0.81	1.80	N.S.	1.22	0.77	1.94	N.S.		1.81	2	N.S.
	9	8	80.06	8.69	8	N.S.	0.96	0.77	1.20	N.S.	0.98	0.77	1.25	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 92
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure. 17-NOV-15
 Mother (specifically) - both sexes
 By continent - unadjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
36	FONTHA	13	f 76	161	548	1079	0.93 (0.69-	1.24)
Totals			76	161	548	1079		

*prospective study

Europe			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
26	SVENSS	3	f 3	5	19	98	3.09 (0.68-	14.06)
47	BOFFET	35	m 11	26	65	201	1.31 (0.61-	2.79)
47	BOFFET	37	f 26	54	187	295	0.76 (0.46-	1.26)
Subtotal 47							0.90 (0.59-	1.36)
50	BOFFE2	5	c 3	18	32	55	0.29 (0.08-	1.05)
Totals			43	103	303	649		

*prospective study

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
29	SOBUE	3	f 17	63	127	668	1.42 (0.80-	2.51)
52	RAPITI	19	f 5	3	11	51	7.73 (1.60-	37.24)
55	LEECH	3	f 8	9	260	436	1.49 (0.57-	3.91)
61	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
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Relative risks

	NAmerica	Europe	Asia	Other	Total
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.	N.S.

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

1) UNX : 6, 2, 7, 1, other

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Where more than one time period within childhood was available, the index relating to the youngest exposure was used.

Table 93
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure. 17-NOV-15
 Father (specifically) - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Case	Cont	Case	Cont	RR	95.00%CI
26	SVENSS	8	f	-	-	-	0.90	(0.40- 2.30)
29	SOBUE	6	f	-	-	-	0.79	(0.52- 1.21)
36	FONTHA	12	f	-	-	-	0.83	(0.67- 1.02)
47	BOFFET	40	m	-	-	-	0.75	(0.48- 1.17)
47	BOFFET	42	f	-	-	-	0.75	(0.59- 0.96)
Subtotal 47							0.75	(0.61- 0.93)
49	ZARIDZ	10	f	-	-	-	0.92	(0.64- 1.32)
50	BOFFE2	4	c	-	-	-	0.70	(0.30- 1.30)
52	RAPITI	24	m	-	-	-	1.07	(0.36- 3.21)
52	RAPITI	18	f	-	-	-	17.00	(5.70- 47.00)
Subtotal 52							4.49	(2.10- 9.58)
55	LEECH	2	f	-	-	-	1.22	(0.85- 1.74)
61	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
26	SVENSS	8	f	t	-0.11	5.02	0.00	0.8133
29	SOBUE	6	f	t	-0.24	21.54	0.34	0.2739
36	FONTHA	12	f	t	-0.19	86.99	0.51	0.0822
47	BOFFET	40	m	t	-0.29	19.36	0.61	0.2056
47	BOFFET	42	f	t	-0.29	64.84	2.05	0.0205
Subtotal 47					-0.29	84.20	2.66	
49	ZARIDZ	10	f	t	-0.08	29.32	0.02	0.6516
50	BOFFE2	4	c	a	-0.36	7.15	0.44	0.3403
52	RAPITI	24	m	t	0.07	3.21	0.10	0.9035
52	RAPITI	18	f	t	2.83	3.45	29.90	0.0000
Subtotal 52					1.50	6.66	30.00	
55	LEECH	2	f	t	0.20	29.94	2.85	0.2766
61	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.

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

1) UNX : 6, 2, 7, 1, other

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Where more than one time period within childhood was available, the index relating to the youngest exposure was used.

Table 94
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 17-NOV-15
 Father (specifically) - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
26	SVENSS	7	f 12	71	19	98	0.87	(0.40-	1.91)
29	SOBUE	5	f109	588	35	143	0.76	(0.50-	1.16)
36	FONTHA	11	f304	669	299	556	0.84	(0.70-	1.03)
47	BOFFET	39	m 62	275	65	201	0.70	(0.47-	1.03)
47	BOFFET	41	f271	623	187	295	0.69	(0.54-	0.87)
Subtotal 47							0.69	(0.56-	0.84)
49	ZARIDZ	9	f 92	178	97	180	0.96	(0.67-	1.36)
50	BOFFE2	3	c 33	101	32	55	0.56	(0.31-	1.01)
52	RAPITI	23	m 1	13	16	42	0.20	(0.02-	1.67)
52	RAPITI	17	f 30	11	11	51	12.64	(4.89-	32.68)
Subtotal 52							6.31	(2.65-	15.01)
55	LEECH	1	f132	200	136	245	1.19	(0.88-	1.61)
61	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
26	SVENSS	7	f	t	-0.14	6.24	0.00	0.7317
29	SOBUE	5	f	t	-0.28	21.53	0.41	0.1972
36	FONTHA	11	f	t	-0.17	100.73	0.08	0.0909
47	BOFFET	39	m	t	-0.36	24.92	1.21	0.0717
47	BOFFET	41	f	t	-0.38	71.26	3.97	0.0015
Subtotal 47					-0.37	96.18	5.18	
49	ZARIDZ	9	f	t	-0.04	30.91	0.30	0.8165
50	BOFFE2	3	c	a	-0.58	11.16	2.13	0.0539
52	RAPITI	23	m	t	-1.60	0.86	1.83	0.1380
52	RAPITI	17	f	t	2.54	4.26	30.54	0.0000
Subtotal 52					1.84	5.12	32.37	
55	LEECH	1	f	t	0.17	41.65	4.09	0.2640
61	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.

 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 95
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure. 17-NOV-15
 Father (specifically) - both sexes
 By continent - adjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
36	FONTHA	12	f	-	-	-	0.83	(0.67- 1.02)
Partial Totals			0	0	0	0		

*prospective study

Europe			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
26	SVENSS	8	f	-	-	-	0.90	(0.40- 2.30)
47	BOFFET	40	m	-	-	-	0.75	(0.48- 1.17)
47	BOFFET	42	f	-	-	-	0.75	(0.59- 0.96)
Subtotal 47							0.75	(0.61- 0.93)
49	ZARIDZ	10	f	-	-	-	0.92	(0.64- 1.32)
50	BOFFE2	4	c	-	-	-	0.70	(0.30- 1.30)
Partial Totals			0	0	0	0		

*prospective study

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
29	SOBUE	6	f	-	-	-	0.79	(0.52- 1.21)
52	RAPITI	24	m	-	-	-	1.07	(0.36- 3.21)
52	RAPITI	18	f	-	-	-	17.00	(5.70- 47.00)
Subtotal 52							4.49	(2.10- 9.58)
55	LEECH	2	f	-	-	-	1.22	(0.85- 1.74)
61	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.

 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 96
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure. 17-NOV-15
 Father (specifically) - both sexes
 By continent - unadjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
36	FONTHA	11	f304	669	299	556	0.84	(0.70- 1.03)
Totals			304	669	299	556		
*prospective study								
Europe			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
26	SVENSS	7	f 12	71	19	98	0.87	(0.40- 1.91)
47	BOFFET	39	m 62	275	65	201	0.70	(0.47- 1.03)
47	BOFFET	41	f271	623	187	295	0.69	(0.54- 0.87)
Subtotal 47							0.69	(0.56- 0.84)
49	ZARIDZ	9	f 92	178	97	180	0.96	(0.67- 1.36)
50	BOFFE2	3	c 33	101	32	55	0.56	(0.31- 1.01)
Totals			470	1248	400	829		
*prospective study								
Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
29	SOBUE	5	f109	588	35	143	0.76	(0.50- 1.16)
52	RAPITI	23	m 1	13	16	42	0.20	(0.02- 1.67)
52	RAPITI	17	f 30	11	11	51	12.64	(4.89- 32.68)
Subtotal 52							6.31	(2.65- 15.01)
55	LEECH	1	f132	200	136	245	1.19	(0.88- 1.61)
61	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.		**

 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 97
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure. 17-NOV-15
 Parents (specifically) - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Numbers 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)
32	BROWN2	12	f	-	-	-	0.70 (0.50-	0.90)
50	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
32	BROWN2	12	f	t	-0.36	44.48	0.51	0.0174
50	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 98
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure. 17-NOV-15
 Parents (specifically) - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Case	Cont	Case	Cont	RR	95.00%CI
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)
32	BROWN2	11	f 74	289	357	877	0.63 (	0.47- 0.84)
50	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
32	BROWN2	11	f	t	-0.46	47.81	1.73	0.0013
50	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 99
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure. 17-NOV-15
 Parents (specifically) - both sexes
 By continent - adjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
10	WU	4	f	-	-	-	0.60	(0.20- 1.70)
32	BROWN2	12	f	-	-	-	0.70	(0.50- 0.90)
Partial Totals			0	0	0	0		

*prospective study

Europe			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
18	PERSHA	5	f	-	-	-	1.00	(0.40- 2.30)
50	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			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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.

 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. 17-NOV-15
 Parents (specifically) - both sexes
 By continent - unadjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
10	WU	4	f -	-	-	-	0.60 (0.20-	1.70)
32	BROWN2	11	f 74	289	357	877	0.63 (0.47-	0.84)
Partial Totals			74	289	357	877		

*prospective study

Europe			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
18	PERSHA	5	f -	-	-	-	1.00 (0.40-	2.30)
50	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			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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 101
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Mother where no more comprehensive index available - both sexes
 Overall analysis - adjusted

Overall		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)
27	JANERI	11	c -	-	-	-	1.05 (0.62- 1.77)
28	KALAND	7	f 75	92	15	26	1.41 (0.70- 2.86)
30	WU-WIL	6	f343	515	74	87	0.78 (0.56- 1.10)
31	LIUZ	2	f -	-	-	-	0.77 (0.30- 1.96)
32	BROWN2	14	f -	-	-	-	1.10 (0.80- 1.30)
33	STOCKW	7	f -	-	-	-	1.60 (0.84- 3.04)
36	FONTHA	20	f -	-	-	-	1.23 (0.96- 1.57)
39	KABAT2	13	m 13	34	28	83	1.13 (0.53- 2.45)
39	KABAT2	14	f 43	119	26	68	0.95 (0.53- 1.67)
Subtotal 39							1.01 (0.64- 1.59)
40	SCHWAR	8	c -	-	-	-	1.10 (0.80- 1.60)
41	SUN	8	f -	-	-	-	2.05 (1.29- 3.27)
44	CARDEN	17	m -	-	-	-	0.63 (0.23- 1.76)
44	CARDEN	18	f -	-	-	-	0.84 (0.55- 1.27)
Subtotal 44							0.81 (0.55- 1.19)
45	ZHENG	1	m 8	12	17	17	0.67 (0.22- 2.04)
45	ZHENG	2	f 62	179	7	51	2.52 (1.09- 5.85)
Subtotal 45							1.56 (0.80- 3.06)
47	BOFFET	44	m -	-	-	-	1.45 (0.91- 2.33)
47	BOFFET	46	f -	-	-	-	1.01 (0.79- 1.29)
Subtotal 47							1.09 (0.88- 1.36)
49	ZARIDZ	12	f -	-	-	-	0.91 (0.58- 1.42)
54	ZHONG	20	f -	-	-	-	1.08 (0.82- 1.41)
55	LEECH	10	f -	-	-	-	0.80 (0.51- 1.24)
57	WANGL	2	m -	-	-	-	1.22 (0.50- 3.30)
57	WANGL	4	f -	-	-	-	1.15 (0.60- 2.10)
Subtotal 57							1.17 (0.69- 1.97)
58	JOHNSO	8	f -	-	-	-	1.20 (0.62- 2.30)
59	LAGARD	6	c -	-	-	-	1.15 (0.91- 1.45)
60	NISHIN	6	f -	-	-	-	0.87 (0.37- 2.01)
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)
72	RYLAND	3	c -	-	-	-	1.37 (0.72- 2.61)
76	HILL1	3	m -	-	-	-	1.08 (0.56- 2.09)
76	HILL1	2	f -	-	-	-	1.00 (0.49- 2.01)
Subtotal 76							1.04 (0.64- 1.69)
77	HILL2	1	m -	-	-	-	1.45 (0.75- 2.81)
77	HILL2	3	f -	-	-	-	1.38 (0.78- 2.41)
Subtotal 77							1.41 (0.92- 2.16)
79	ASOMAN	1	c114	393	24	73	0.88 (0.53- 1.46)
85	TSE	10	m -	-	-	-	0.90 (0.57- 1.41)
87	BRENNE	11	c109	341	42	105	0.80 (0.53- 1.21)
92	LIM	1	f200	602	226	764	1.12 (0.90- 1.40)
95	ALZOUG	11	c -	-	-	-	0.63 (0.32- 1.25)
96	GELAC	9	m -	-	-	-	0.94 (0.67- 1.32)
96	GELAC	24	f -	-	-	-	1.30 (1.09- 1.54)
Subtotal 96							1.22 (1.04- 1.42)

 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 101
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Mother where no more comprehensive index available - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
97	MASJED	7	m 9	34	17	136	2.12	(0.87- 5.16)
97	MASJED	8	f 15	30	40	89	1.11	(0.54- 2.29)
Subtotal 97							1.44	(0.82- 2.52)
101	ILCCO	16	c -	-	-	-	1.20	(1.08- 1.34)
102	TORRES	2	c -	-	-	-	0.71	(0.48- 1.05)
Partial Totals			1148	2960	738	2207		

*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
5	BUFFLE	1	m	t	-0.68	2.42	1.55	0.2896
5	BUFFLE	2	f	t	-0.22	5.19	0.59	0.6209
Subtotal 5					-0.36	7.61	2.14	
7	KABAT1	5	m	t	0.23	2.13	0.03	0.7331
7	KABAT1	6	f	t	-0.09	5.68	0.24	0.8339
Subtotal 7					-0.00	7.81	0.27	
8	GARFI2	10	f	t	0.14	20.07	0.01	0.5307
12	LEE	13	m	t	0.05	2.06	0.01	0.9419
12	LEE	14	f	t	-0.23	6.59	0.78	0.5627
Subtotal 12					-0.16	8.65	0.79	
14	GAO	10	f	t	-0.11	21.40	1.08	0.6259
16	KOO	13	f	t	0.39	4.17	0.29	0.4316
22	SHIMIZ	4	f	t	1.37	3.14	4.93	0.0150
24	HOLE	3	c	t	0.88	1.37	0.79	0.3034
27	JANERI	11	c	t	0.05	13.96	0.07	0.8553
28	KALAND	7	f	t	0.35	7.73	0.40	0.3363
30	WU-WIL	6	f	t	-0.24	33.48	4.44	0.1570
31	LIUZ	2	f	t	-0.26	4.36	0.63	0.5852
32	BROWN2	14	f	t	0.10	65.19	0.04	0.4416
33	STOCKW	7	f	t	0.47	9.29	1.14	0.1520
36	FONTHA	20	f	t	0.21	63.50	0.48	0.0990
39	KABAT2	13	m	t	0.13	6.49	0.00	0.7497
39	KABAT2	14	f	t	-0.06	11.79	0.37	0.8461
Subtotal 39					0.01	18.28	0.37	
40	SCHWAR	8	c	t	0.10	31.98	0.02	0.5899
41	SUN	8	f	t	0.72	17.76	6.36	0.0025
44	CARDEN	17	m	t	-0.46	3.71	1.26	0.3735
44	CARDEN	18	f	t	-0.17	21.94	1.90	0.4141
Subtotal 44					-0.22	25.65	3.15	
45	ZHENG	1	m	t	-0.41	3.07	0.85	0.4776
45	ZHENG	2	f	t	0.93	5.43	3.53	0.0310
Subtotal 45					0.45	8.50	4.37	
47	BOFFET	44	m	t	0.37	17.38	1.10	0.1213
47	BOFFET	46	f	t	0.01	63.90	0.77	0.9366
Subtotal 47					0.09	81.29	1.87	
49	ZARIDZ	12	f	t	-0.09	19.17	0.88	0.6797
54	ZHONG	20	f	t	0.08	52.30	0.10	0.5778
55	LEECH	10	f	t	-0.22	19.47	2.29	0.3249
57	WANGL	2	m	t	0.20	4.31	0.03	0.6796
57	WANGL	4	f	t	0.14	9.79	0.00	0.6619
Subtotal 57					0.16	14.11	0.03	
58	JOHNSO	8	f	t	0.18	8.94	0.04	0.5856
59	LAGARD	6	c	t	0.14	70.80	0.03	0.2396
60	NISHIN	6	f	t	-0.14	5.36	0.36	0.7470
66	MCGHEE	1	m	t	0.29	16.22	0.49	0.2385
66	MCGHEE	2	f	t	0.32	25.59	1.05	0.1032
Subtotal 66					0.31	41.82	1.53	
67	EPICA	7	c	t	-0.17	5.93	0.51	0.6711
69	FRANCO	1	c	t	0.59	15.26	3.35	0.0216
70	GORLOV	1	m	t	0.34	5.29	0.27	0.4295
70	GORLOV	2	f	t	0.14	10.60	0.00	0.6491
Subtotal 70					0.21	15.89	0.27	
72	RYLAND	3	c	t	0.31	9.26	0.35	0.3380
76	HILL1	3	m	t	0.08	8.86	0.02	0.8188
76	HILL1	2	f	t	0.00	7.71	0.11	1.0000
Subtotal 76					0.04	16.57	0.13	
77	HILL2	1	m	t	0.37	8.81	0.56	0.2702

 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 101
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Mother where no more comprehensive index available - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
77	HILL2	3	f	t	0.32	12.07	0.49	0.2631
Subtotal 77					0.34	20.88	1.05	
79	ASOMAN	1	c	t	-0.13	15.00	0.90	0.6278
85	TSE	10	m	t	-0.11	18.73	0.95	0.6484
87	BRENNE	11	c	t	-0.22	22.01	2.60	0.2928
92	LIM	1	f	t	0.12	80.68	0.00	0.2971
95	ALZOUG	11	c	t	-0.46	8.28	2.80	0.1838
96	GELAC	9	m	t	-0.06	33.42	1.10	0.7206
96	GELAC	24	f	t	0.26	128.65	2.62	0.0029
Subtotal 96					0.20	162.06	3.72	
97	MASJED	7	m	t	0.75	4.84	1.92	0.0989
97	MASJED	8	f	t	0.11	7.34	0.00	0.7727
Subtotal 97					0.36	12.18	1.93	
101	ILCCO	16	c	t	0.18	330.23	1.30	0.0009
102	TORRES	2	c	t	-0.34	25.08	5.36	0.0863

Relative risks

	N	58
	NS	44
	Wt	1445.20
Het	Chi	64.12
Het	df	57
Het	P	N.S.
Fixed	RR	1.13
	RRl	1.07
	RRu	1.19
	P	+++
Random	RR	1.11
	RRl	1.05
	RRu	1.18
	P	+++
Asymm	P	N.S.

 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 102
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Mother where no more comprehensive index available - both sexes
 Overall analysis - unadjusted

Overall		Numbers exposed		Non-exposed		RR	95.00%CI		
StN	Ref	NRR	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)
27	JANERI	7	c159	158	32	33	1.04	(0.61-	1.77)
28	KALAND	7	f 75	92	15	26	1.41	(0.70-	2.86)
30	WU-WIL	6	f343	515	74	87	0.78	(0.56-	1.10)
31	LIUZ	1	f 45	176	9	26	0.74	(0.32-	1.69)
32	BROWN2	13	f261	696	170	470	1.04	(0.83-	1.30)
33	STOCKW	7	f -	-	-	-	1.60	(0.84-	3.04)
36	FONTHA	19	f509	941	144	312	1.17	(0.94-	1.47)
39	KABAT2	13	m 13	34	28	83	1.13	(0.53-	2.45)
39	KABAT2	14	f 43	119	26	68	0.95	(0.53-	1.67)
Subtotal 39							1.01	(0.64-	1.59)
40	SCHWAR	7	c172	175	85	102	1.18	(0.83-	1.68)
41	SUN	8	f -	-	-	-	2.05	(1.29-	3.27)
44	CARDEN	17	m -	-	-	-	0.63	(0.23-	1.76)
44	CARDEN	18	f -	-	-	-	0.84	(0.55-	1.27)
Subtotal 44							0.81	(0.55-	1.19)
45	ZHENG	1	m 8	12	17	17	0.67	(0.22-	2.04)
45	ZHENG	2	f 62	179	7	51	2.52	(1.09-	5.85)
Subtotal 45							1.56	(0.80-	3.06)
47	BOFFET	43	m 41	125	100	405	1.33	(0.88-	2.01)
47	BOFFET	45	f347	698	160	312	0.97	(0.77-	1.22)
Subtotal 47							1.04	(0.85-	1.28)
49	ZARIDZ	11	f 38	73	151	285	0.98	(0.63-	1.52)
54	ZHONG	19	f322	377	182	224	1.05	(0.82-	1.34)
55	LEECH	9	f 51	93	217	352	0.89	(0.61-	1.30)
57	WANGL	1	m 24	72	8	42	1.75	(0.72-	4.24)
57	WANGL	3	f176	364	20	43	1.04	(0.59-	1.82)
Subtotal 57							1.21	(0.75-	1.94)
58	JOHNSO	7	f 54	543	17	218	1.28	(0.72-	2.25)
59	LAGARD	5	c179	611	254	997	1.15	(0.93-	1.43)
60	NISHIN	5	f 14	47679	10	26248	0.77	(0.34-	1.73)
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	13	m 36	25	27	25	1.33	(0.63-	2.81)
70	GORLOV	14	f 92	89	38	48	1.31	(0.78-	2.19)
Subtotal 70							1.31	(0.86-	2.01)
72	RYLAND	3	c -	-	-	-	1.37	(0.72-	2.61)
76	HILL1	1	m -	-	-	-	0.97	(0.53-	1.77)
76	HILL1	2	f -	-	-	-	1.00	(0.49-	2.01)
Subtotal 76							0.98	(0.62-	1.55)
77	HILL2	1	m -	-	-	-	1.45	(0.75-	2.81)
77	HILL2	2	f -	-	-	-	1.16	(0.70-	1.92)
Subtotal 77							1.26	(0.84-	1.88)
79	ASOMAN	1	c114	393	24	73	0.88	(0.53-	1.46)
85	TSE	1	m 47	194	85	342	0.97	(0.66-	1.45)
87	BRENNE	11	c109	341	42	105	0.80	(0.53-	1.21)
92	LIM	1	f200	602	226	764	1.12	(0.90-	1.40)
95	ALZOUZ	41	c 28	323	16	113	0.61	(0.32-	1.17)
96	GELAC	2	m143	144	176	175	0.99	(0.72-	1.35)

 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 102
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Mother where no more comprehensive index available - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
96	GELAC	16	f841	758	380	463	1.35	(1.14-	1.60)
Subtotal 96							1.26	(1.09-	1.46)
97	MASJED	7	m 9	34	17	136	2.12	(0.87-	5.16)
97	MASJED	8	f 15	30	40	89	1.11	(0.54-	2.29)
Subtotal 97							1.44	(0.82-	2.52)
101	ILCCO	11	1228	3366	1061	3575	1.23	(1.12-	1.35)
102	TORRES	1	c 81	148	111	180	0.89	(0.62-	1.27)
Partial Totals			6233	62635	4415	38705			

*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
5	BUFFLE	1	m	t	-0.68	2.42	1.60	0.2896
5	BUFFLE	2	f	t	-0.22	5.19	0.64	0.6209
Subtotal 5					-0.36	7.61	2.24	
7	KABAT1	5	m	t	0.23	2.13	0.02	0.7331
7	KABAT1	6	f	t	-0.09	5.68	0.28	0.8339
Subtotal 7					-0.00	7.81	0.30	
8	GARFI2	10	f	t	0.14	20.07	0.00	0.5307
12	LEE	13	m	t	0.05	2.06	0.01	0.9419
12	LEE	14	f	t	-0.23	6.59	0.85	0.5627
Subtotal 12					-0.16	8.65	0.86	
14	GAO	10	f	t	-0.11	21.40	1.21	0.6259
16	KOO	12	f	t	0.23	11.74	0.11	0.4317
22	SHIMIZ	4	f	t	1.37	3.14	4.83	0.0150
24	HOLE	1	m	t	1.26	0.67	0.85	0.3028
24	HOLE	2	f	t	0.64	0.84	0.21	0.5613
Subtotal 24					0.91	1.50	1.06	
27	JANERI	7	c	t	0.04	13.48	0.12	0.8917
28	KALAND	7	f	t	0.35	7.73	0.35	0.3363
30	WU-WIL	6	f	t	-0.24	33.48	4.77	0.1570
31	LIUZ	1	f	t	-0.30	5.63	1.07	0.4721
32	BROWN2	13	f	t	0.04	75.31	0.70	0.7540
33	STOCKW	7	f	t	0.47	9.29	1.06	0.1520
36	FONTHA	19	f	t	0.16	75.89	0.05	0.1668
39	KABAT2	13	m	t	0.13	6.49	0.00	0.7497
39	KABAT2	14	f	t	-0.06	11.79	0.42	0.8461
Subtotal 39					0.01	18.28	0.42	
40	SCHWAR	7	c	t	0.17	30.21	0.03	0.3643
41	SUN	8	f	t	0.72	17.76	6.08	0.0025
44	CARDEN	17	m	t	-0.46	3.71	1.31	0.3735
44	CARDEN	18	f	t	-0.17	21.94	2.07	0.4141
Subtotal 44					-0.22	25.65	3.38	
45	ZHENG	1	m	t	-0.41	3.07	0.89	0.4776
45	ZHENG	2	f	t	0.93	5.43	3.41	0.0310
Subtotal 45					0.45	8.50	4.30	
47	BOFFET	43	m	t	0.28	22.29	0.51	0.1800
47	BOFFET	45	f	t	-0.03	72.62	1.95	0.7912
Subtotal 47					0.04	94.92	2.46	
49	ZARIDZ	11	f	t	-0.02	19.94	0.45	0.9371
54	ZHONG	19	f	t	0.05	63.63	0.44	0.6903
55	LEECH	9	f	t	-0.12	26.45	1.65	0.5472
57	WANGL	1	m	t	0.56	4.89	0.89	0.2158
57	WANGL	3	f	t	0.04	12.24	0.11	0.8920
Subtotal 57					0.19	17.14	1.00	
58	JOHNSO	7	f	t	0.24	11.94	0.15	0.4008
59	LAGARD	5	c	t	0.14	82.21	0.00	0.2052
60	NISHIN	5	f	t	-0.26	5.84	0.90	0.5293
66	MCGHEE	5	m	t	0.36	17.79	0.96	0.1240
66	MCGHEE	6	f	t	0.41	29.19	2.21	0.0276
Subtotal 66					0.39	46.98	3.16	
67	EPICA	7	c	t	-0.17	5.93	0.56	0.6711
69	FRANCO	1	c	t	0.59	15.26	3.16	0.0216
70	GORLOV	13	m	t	0.29	6.91	0.17	0.4497
70	GORLOV	14	f	t	0.27	14.44	0.26	0.3107
Subtotal 70					0.27	21.34	0.42	
72	RYLAND	3	c	t	0.31	9.26	0.31	0.3380

 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 102
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Mother where no more comprehensive index available - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
76	HILL1	1	m	t	-0.03	10.57	0.28	0.9211
76	HILL1	2	f	t	0.00	7.71	0.14	1.0000
Subtotal 76					-0.02	18.28	0.42	
77	HILL2	1	m	t	0.37	8.81	0.50	0.2702
77	HILL2	2	f	t	0.15	15.09	0.00	0.5642
Subtotal 77					0.23	23.90	0.51	
79	ASOMAN	1	c	t	-0.13	15.00	1.00	0.6278
85	TSE	1	m	t	-0.03	24.32	0.61	0.8997
87	BRENNE	11	c	t	-0.22	22.01	2.81	0.2928
92	LIM	1	f	t	0.12	80.68	0.02	0.2971
95	ALZOUG	41	c	t	-0.49	9.08	3.53	0.1393
96	GELAC	2	m	t	-0.01	39.47	0.84	0.9366
96	GELAC	16	f	t	0.30	136.99	3.90	0.0004
Subtotal 96					0.23	176.46	4.73	
97	MASJED	7	m	t	0.75	4.84	1.84	0.0989
97	MASJED	8	f	t	0.11	7.34	0.01	0.7727
Subtotal 97					0.36	12.18	1.85	
101	ILCCO	11	c	t	0.21	428.51	2.32	0.0000
102	TORRES	1	c	t	-0.12	29.70	1.89	0.5154

Relative risks

	N	59
	NS	44
	Wt	1664.11
Het	Chi	67.30
Het	df	58
Het	P	N.S.
Fixed	RR	1.14
	RRl	1.09
	RRu	1.20
	P	+++
Random	RR	1.12
	RRl	1.06
	RRu	1.19
	P	+++
Asymm	P	N.S.

 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 103
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Mother where no more comprehensive index available - both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	Numbers 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)
27	JANERI	11	c -	-	-	-	1.05 (0.62-	1.77)
32	BROWN2	14	f -	-	-	-	1.10 (0.80-	1.30)
33	STOCKW	7	f -	-	-	-	1.60 (0.84-	3.04)
36	FONTHA	20	f -	-	-	-	1.23 (0.96-	1.57)
39	KABAT2	13	m 13	34	28	83	1.13 (0.53-	2.45)
39	KABAT2	14	f 43	119	26	68	0.95 (0.53-	1.67)
Subtotal 39							1.01 (0.64-	1.59)
40	SCHWAR	8	c -	-	-	-	1.10 (0.80-	1.60)
44	CARDEN	17	m -	-	-	-	0.63 (0.23-	1.76)
44	CARDEN	18	f -	-	-	-	0.84 (0.55-	1.27)
Subtotal 44							0.81 (0.55-	1.19)
58	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)
79	ASOMAN	1	c114	393	24	73	0.88 (0.53-	1.46)
87	BRENNE	11	c109	341	42	105	0.80 (0.53-	1.21)
95	ALZOUG	11	c -	-	-	-	0.63 (0.32-	1.25)
Partial Totals			412	1333	232	586		

*prospective study

Europe

StN	Ref	NRR	Numbers 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)
28	KALAND	7	f 75	92	15	26	1.41 (0.70-	2.86)
47	BOFFET	44	m -	-	-	-	1.45 (0.91-	2.33)
47	BOFFET	46	f -	-	-	-	1.01 (0.79-	1.29)
Subtotal 47							1.09 (0.88-	1.36)
49	ZARIDZ	12	f -	-	-	-	0.91 (0.58-	1.42)
59	LAGARD	6	c -	-	-	-	1.15 (0.91-	1.45)
67	EPICA	7	c -	-	-	-	0.84 (0.38-	1.90)
72	RYLAND	3	c -	-	-	-	1.37 (0.72-	2.61)
102	TORRES	2	c -	-	-	-	0.71 (0.48-	1.05)
Partial Totals			89	250	45	319		

*prospective study

Asia

StN	Ref	NRR	Numbers 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)
30	WU-WIL	6	f343	515	74	87	0.78 (0.56-	1.10)
31	LIUZ	2	f -	-	-	-	0.77 (0.30-	1.96)
41	SUN	8	f -	-	-	-	2.05 (1.29-	3.27)
45	ZHENG	1	m 8	12	17	17	0.67 (0.22-	2.04)
45	ZHENG	2	f 62	179	7	51	2.52 (1.09-	5.85)
Subtotal 45							1.56 (0.80-	3.06)
54	ZHONG	20	f -	-	-	-	1.08 (0.82-	1.41)
55	LEECH	10	f -	-	-	-	0.80 (0.51-	1.24)
57	WANGL	2	m -	-	-	-	1.22 (0.50-	3.30)
57	WANGL	4	f -	-	-	-	1.15 (0.60-	2.10)
Subtotal 57							1.17 (0.69-	1.97)
60	NISHIN	6	f -	-	-	-	0.87 (0.37-	2.01)
66	MCGHEE	1	m -	-	-	-	1.34 (0.82-	2.17)

 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 103
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Mother where no more comprehensive index available - both sexes
 By continent - adjusted

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
66	MCGHEE	2	f -	-	-	-	1.38 (0.94-	2.04)
Subtotal 66							1.36 (1.01-	1.85)
85	TSE	10	m -	-	-	-	0.90 (0.57-	1.41)
92	LIM	1	f200	602	226	764	1.12 (0.90-	1.40)
96	GELAC	9	m -	-	-	-	0.94 (0.67-	1.32)
96	GELAC	24	f -	-	-	-	1.30 (1.09-	1.54)
Subtotal 96							1.22 (1.04-	1.42)
97	MASJED	7	m 9	34	17	136	2.12 (0.87-	5.16)
97	MASJED	8	f 15	30	40	89	1.11 (0.54-	2.29)
Subtotal 97							1.44 (0.82-	2.52)
Partial Totals			647	1377	461	1302		

*prospective study

Other			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
76	HILL1	3	m -	-	-	-	1.08 (0.56-	2.09)
76	HILL1	2	f -	-	-	-	1.00 (0.49-	2.01)
Subtotal 76							1.04 (0.64-	1.69)
77	HILL2	1	m -	-	-	-	1.45 (0.75-	2.81)
77	HILL2	3	f -	-	-	-	1.38 (0.78-	2.41)
Subtotal 77							1.41 (0.92-	2.16)
101	ILCCO	16	c -	-	-	-	1.20 (1.08-	1.34)
Partial Totals			0	0	0	0		

*prospective study

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	21	11	21	5	58
	NS	16	9	16	3	44
	Wt	348.72	229.28	499.52	367.69	1445.20
	Het Chi	16.87	9.80	32.87	0.90	64.12
	Het df	20	10	20	4	57
	Het P	N.S.	N.S.	*	N.S.	N.S.
	Fixed RR	1.08	1.05	1.15	1.20	1.13
	RRl	0.97	0.92	1.05	1.09	1.07
	RRu	1.19	1.19	1.25	1.33	1.19
	P	N.S.	N.S.	++	+++	+++
	Random RR	1.08	1.05	1.14	1.20	1.11
	RRl	0.97	0.92	1.00	1.09	1.05
	RRu	1.19	1.19	1.30	1.33	1.18
	P	N.S.	N.S.	+	+++	+++
	Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.
	Between Chi		0.09	0.85	2.26	3.68
	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) 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 104
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Mother where no more comprehensive index available - both sexes
 By continent - unadjusted

NAmerica								
StN	Ref	NRR	Numbers 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)
27	JANERI	7	c159	158	32	33	1.04 (	0.61- 1.77)
32	BROWN2	13	f261	696	170	470	1.04 (	0.83- 1.30)
33	STOCKW	7	f -	-	-	-	1.60 (	0.84- 3.04)
36	FONTHA	19	f509	941	144	312	1.17 (	0.94- 1.47)
39	KABAT2	13	m 13	34	28	83	1.13 (	0.53- 2.45)
39	KABAT2	14	f 43	119	26	68	0.95 (	0.53- 1.67)
Subtotal 39							1.01 (	0.64- 1.59)
40	SCHWAR	7	c172	175	85	102	1.18 (	0.83- 1.68)
44	CARDEN	17	m -	-	-	-	0.63 (	0.23- 1.76)
44	CARDEN	18	f -	-	-	-	0.84 (	0.55- 1.27)
Subtotal 44							0.81 (	0.55- 1.19)
58	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	13	m 36	25	27	25	1.33 (	0.63- 2.81)
70	GORLOV	14	f 92	89	38	48	1.31 (	0.78- 2.19)
Subtotal 70							1.31 (	0.86- 2.01)
79	ASOMAN	1	c114	393	24	73	0.88 (	0.53- 1.46)
87	BRENNE	11	c109	341	42	105	0.80 (	0.53- 1.21)
95	ALZOUG	41	c 28	323	16	113	0.61 (	0.32- 1.17)
Partial Totals			1723	4283	761	1907		

*prospective study

Europe								
StN	Ref	NRR	Numbers 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)
28	KALAND	7	f 75	92	15	26	1.41 (	0.70- 2.86)
47	BOFFET	43	m 41	125	100	405	1.33 (	0.88- 2.01)
47	BOFFET	45	f347	698	160	312	0.97 (	0.77- 1.22)
Subtotal 47							1.04 (	0.85- 1.28)
49	ZARIDZ	11	f 38	73	151	285	0.98 (	0.63- 1.52)
59	LAGARD	5	c179	611	254	997	1.15 (	0.93- 1.43)
67	EPICA	7	c -	-	-	-	0.84 (	0.38- 1.90)
72	RYLAND	3	c -	-	-	-	1.37 (	0.72- 2.61)
102	TORRES	1	c 81	148	111	180	0.89 (	0.62- 1.27)
Partial Totals			782	3443	823	3415		

*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

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

Table 104
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Mother where no more comprehensive index available - both sexes
 By continent - unadjusted

Asia								
StN	Ref	NRR	Numbers 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)
30	WU-WIL	6	f343	515	74	87	0.78	(0.56- 1.10)
31	LIUZ	1	f 45	176	9	26	0.74	(0.32- 1.69)
41	SUN	8	f -	-	-	-	2.05	(1.29- 3.27)
45	ZHENG	1	m 8	12	17	17	0.67	(0.22- 2.04)
45	ZHENG	2	f 62	179	7	51	2.52	(1.09- 5.85)
Subtotal 45							1.56	(0.80- 3.06)
54	ZHONG	19	f322	377	182	224	1.05	(0.82- 1.34)
55	LEECH	9	f 51	93	217	352	0.89	(0.61- 1.30)
57	WANGL	1	m 24	72	8	42	1.75	(0.72- 4.24)
57	WANGL	3	f176	364	20	43	1.04	(0.59- 1.82)
Subtotal 57							1.21	(0.75- 1.94)
60	NISHIN	5	f 14	47679	10	26248	0.77	(0.34- 1.73)
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)
85	TSE	1	m 47	194	85	342	0.97	(0.66- 1.45)
92	LIM	1	f200	602	226	764	1.12	(0.90- 1.40)
96	GELAC	2	m143	144	176	175	0.99	(0.72- 1.35)
96	GELAC	16	f841	758	380	463	1.35	(1.14- 1.60)
Subtotal 96							1.26	(1.09- 1.46)
97	MASJED	7	m 9	34	17	136	2.12	(0.87- 5.16)
97	MASJED	8	f 15	30	40	89	1.11	(0.54- 2.29)
Subtotal 97							1.44	(0.82- 2.52)
Partial Totals			2500	51543	1770	29808		

*prospective study

Other								
StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
76	HILL1	1	m -	-	-	-	0.97	(0.53- 1.77)
76	HILL1	2	f -	-	-	-	1.00	(0.49- 2.01)
Subtotal 76							0.98	(0.62- 1.55)
77	HILL2	1	m -	-	-	-	1.45	(0.75- 2.81)
77	HILL2	2	f -	-	-	-	1.16	(0.70- 1.92)
Subtotal 77							1.26	(0.84- 1.88)
101	ILCCO	11	1228	3366	1061	3575	1.23	(1.12- 1.35)
Partial Totals			1228	3366	1061	3575		

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	21	12	21	5	59
NS	16	9	16	3	44
Wt	378.23	259.86	555.32	470.69	1664.11
Het Chi	17.78	6.65	36.49	1.19	67.30
Het df	20	11	20	4	58
Het P	N.S.	N.S.	*	N.S.	N.S.
Fixed RR	1.07	1.06	1.17	1.22	1.14
RRl	0.97	0.94	1.07	1.11	1.09
RRu	1.18	1.20	1.27	1.34	1.20
P	N.S.	N.S.	+++	+++	+++
Random RR	1.07	1.06	1.16	1.22	1.12
RRl	0.97	0.94	1.02	1.11	1.06
RRu	1.18	1.20	1.32	1.34	1.19
P	N.S.	N.S.	+	+++	+++
Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.
Between Chi		0.00	1.66	3.60	5.19
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) 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 105
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Father where no more comprehensive index available - both sexes
 Overall analysis - adjusted

Overall		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)
27	JANERI	11	c -	-	-	-	1.05 (0.62- 1.77)
28	KALAND	7	f 75	92	15	26	1.41 (0.70- 2.86)
30	WU-WIL	6	f343	515	74	87	0.78 (0.56- 1.10)
31	LIUZ	2	f -	-	-	-	0.77 (0.30- 1.96)
32	BROWN2	14	f -	-	-	-	1.10 (0.80- 1.30)
33	STOCKW	7	f -	-	-	-	1.60 (0.84- 3.04)
36	FONTHA	20	f -	-	-	-	1.23 (0.96- 1.57)
39	KABAT2	13	m 13	34	28	83	1.13 (0.53- 2.45)
39	KABAT2	14	f 43	119	26	68	0.95 (0.53- 1.67)
Subtotal 39							1.01 (0.64- 1.59)
40	SCHWAR	8	c -	-	-	-	1.10 (0.80- 1.60)
41	SUN	9	f -	-	-	-	2.35 (1.56- 3.54)
44	CARDEN	17	m -	-	-	-	0.63 (0.23- 1.76)
44	CARDEN	18	f -	-	-	-	0.84 (0.55- 1.27)
Subtotal 44							0.81 (0.55- 1.19)
45	ZHENG	1	m 8	12	17	17	0.67 (0.22- 2.04)
45	ZHENG	2	f 62	179	7	51	2.52 (1.09- 5.85)
Subtotal 45							1.56 (0.80- 3.06)
47	BOFFET	44	m -	-	-	-	1.45 (0.91- 2.33)
47	BOFFET	46	f -	-	-	-	1.01 (0.79- 1.29)
Subtotal 47							1.09 (0.88- 1.36)
49	ZARIDZ	12	f -	-	-	-	0.91 (0.58- 1.42)
54	ZHONG	20	f -	-	-	-	1.08 (0.82- 1.41)
55	LEECH	10	f -	-	-	-	0.80 (0.51- 1.24)
57	WANGL	2	m -	-	-	-	1.22 (0.50- 3.30)
57	WANGL	4	f -	-	-	-	1.15 (0.60- 2.10)
Subtotal 57							1.17 (0.69- 1.97)
58	JOHNSO	8	f -	-	-	-	1.20 (0.62- 2.30)
59	LAGARD	6	c -	-	-	-	1.15 (0.91- 1.45)
60	NISHIN	6	f -	-	-	-	0.87 (0.37- 2.01)
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)
72	RYLAND	3	c -	-	-	-	1.37 (0.72- 2.61)
76	HILL1	3	m -	-	-	-	1.08 (0.56- 2.09)
76	HILL1	2	f -	-	-	-	1.00 (0.49- 2.01)
Subtotal 76							1.04 (0.64- 1.69)
77	HILL2	1	m -	-	-	-	1.45 (0.75- 2.81)
77	HILL2	3	f -	-	-	-	1.38 (0.78- 2.41)
Subtotal 77							1.41 (0.92- 2.16)
79	ASOMAN	1	c114	393	24	73	0.88 (0.53- 1.46)
85	TSE	10	m -	-	-	-	0.90 (0.57- 1.41)
87	BRENNE	11	c109	341	42	105	0.80 (0.53- 1.21)
92	LIM	1	f200	602	226	764	1.12 (0.90- 1.40)
95	ALZOUG	11	c -	-	-	-	0.63 (0.32- 1.25)
96	GELAC	9	m -	-	-	-	0.94 (0.67- 1.32)
96	GELAC	24	f -	-	-	-	1.30 (1.09- 1.54)
Subtotal 96							1.22 (1.04- 1.42)

 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 105
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Father where no more comprehensive index available - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Case	Cont	Case	Cont	RR	95.00%CI
97	MASJED	7	m	9	34	17	136	2.12 (0.87- 5.16)
97	MASJED	8	f	15	30	40	89	1.11 (0.54- 2.29)
Subtotal 97								1.44 (0.82- 2.52)
101	ILCCO	16	c	-	-	-	-	1.20 (1.08- 1.34)
102	TORRES	2	c	-	-	-	-	0.71 (0.48- 1.05)
Partial Totals			1177	3022	709	2145		

*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
5	BUFFLE	1	m	t	-0.68	2.42	1.55	0.2896
5	BUFFLE	2	f	t	-0.22	5.19	0.59	0.6209
Subtotal 5					-0.36	7.61	2.15	
7	KABAT1	5	m	t	0.23	2.13	0.03	0.7331
7	KABAT1	6	f	t	-0.09	5.68	0.25	0.8339
Subtotal 7					-0.00	7.81	0.27	
8	GARFI2	10	f	t	0.14	20.07	0.01	0.5307
12	LEE	13	m	t	0.05	2.06	0.01	0.9419
12	LEE	14	f	t	-0.23	6.59	0.79	0.5627
Subtotal 12					-0.16	8.65	0.80	
14	GAO	10	f	t	-0.11	21.40	1.10	0.6259
16	KOO	13	f	t	0.39	4.17	0.29	0.4316
22	SHIMIZ	3	f	t	0.09	14.17	0.01	0.7309
24	HOLE	3	c	t	0.88	1.37	0.79	0.3034
27	JANERI	11	c	t	0.05	13.96	0.07	0.8553
28	KALAND	7	f	t	0.35	7.73	0.39	0.3363
30	WU-WIL	6	f	t	-0.24	33.48	4.47	0.1570
31	LIUZ	2	f	t	-0.26	4.36	0.64	0.5852
32	BROWN2	14	f	t	0.10	65.19	0.04	0.4416
33	STOCKW	7	f	t	0.47	9.29	1.13	0.1520
36	FONTHA	20	f	t	0.21	63.50	0.47	0.0990
39	KABAT2	13	m	t	0.13	6.49	0.00	0.7497
39	KABAT2	14	f	t	-0.06	11.79	0.37	0.8461
Subtotal 39					0.01	18.28	0.37	
40	SCHWAR	8	c	t	0.10	31.98	0.02	0.5899
41	SUN	9	f	t	0.85	22.88	12.31	0.0000
44	CARDEN	17	m	t	-0.46	3.71	1.26	0.3735
44	CARDEN	18	f	t	-0.17	21.94	1.91	0.4141
Subtotal 44					-0.22	25.65	3.17	
45	ZHENG	1	m	t	-0.41	3.07	0.85	0.4776
45	ZHENG	2	f	t	0.93	5.43	3.52	0.0310
Subtotal 45					0.45	8.50	4.37	
47	BOFFET	44	m	t	0.37	17.38	1.09	0.1213
47	BOFFET	46	f	t	0.01	63.90	0.79	0.9366
Subtotal 47					0.09	81.29	1.88	
49	ZARIDZ	12	f	t	-0.09	19.17	0.89	0.6797
54	ZHONG	20	f	t	0.08	52.30	0.10	0.5778
55	LEECH	10	f	t	-0.22	19.47	2.30	0.3249
57	WANGL	2	m	t	0.20	4.31	0.03	0.6796
57	WANGL	4	f	t	0.14	9.79	0.00	0.6619
Subtotal 57					0.16	14.11	0.03	
58	JOHNSO	8	f	t	0.18	8.94	0.03	0.5856
59	LAGARD	6	c	t	0.14	70.80	0.03	0.2396
60	NISHIN	6	f	t	-0.14	5.36	0.36	0.7470
66	MCGHEE	1	m	t	0.29	16.22	0.48	0.2385
66	MCGHEE	2	f	t	0.32	25.59	1.04	0.1032
Subtotal 66					0.31	41.82	1.51	
67	EPICA	7	c	t	-0.17	5.93	0.52	0.6711
69	FRANCO	1	c	t	0.59	15.26	3.33	0.0216
70	GORLOV	1	m	t	0.34	5.29	0.26	0.4295
70	GORLOV	2	f	t	0.14	10.60	0.00	0.6491
Subtotal 70					0.21	15.89	0.27	
72	RYLAND	3	c	t	0.31	9.26	0.35	0.3380
76	HILL1	3	m	t	0.08	8.86	0.02	0.8188
76	HILL1	2	f	t	0.00	7.71	0.11	1.0000
Subtotal 76					0.04	16.57	0.13	
77	HILL2	1	m	t	0.37	8.81	0.55	0.2702

 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 105
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Father where no more comprehensive index available - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
77	HILL2	3	f	t	0.32	12.07	0.49	0.2631
Subtotal 77					0.34	20.88	1.04	
79	ASOMAN	1	c	t	-0.13	15.00	0.91	0.6278
85	TSE	10	m	t	-0.11	18.73	0.96	0.6484
87	BRENNE	11	c	t	-0.22	22.01	2.62	0.2928
92	LIM	1	f	t	0.12	80.68	0.00	0.2971
95	ALZOUJ	11	c	t	-0.46	8.28	2.81	0.1838
96	GELAC	9	m	t	-0.06	33.42	1.12	0.7206
96	GELAC	24	f	t	0.26	128.65	2.57	0.0029
Subtotal 96					0.20	162.06	3.69	
97	MASJED	7	m	t	0.75	4.84	1.92	0.0989
97	MASJED	8	f	t	0.11	7.34	0.00	0.7727
Subtotal 97					0.36	12.18	1.92	
101	ILCCO	16	c	t	0.18	330.23	1.25	0.0009
102	TORRES	2	c	t	-0.34	25.08	5.39	0.0863

Relative risks

	N	58
	NS	44
	Wt	1461.35
Het	Chi	65.19
Het	df	57
Het	P	N.S.
Fixed	RR	1.13
	RRl	1.07
	RRu	1.19
	P	+++
Random	RR	1.11
	RRl	1.04
	RRu	1.18
	P	+++
Asymm	P	N.S.

 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 106
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Father where no more comprehensive index available - both sexes
 Overall analysis - unadjusted

Overall		Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)
27	JANERI	7	c159	158	32	33	1.04 (0.61- 1.77)
28	KALAND	7	f 75	92	15	26	1.41 (0.70- 2.86)
30	WU-WIL	6	f343	515	74	87	0.78 (0.56- 1.10)
31	LIUZ	1	f 45	176	9	26	0.74 (0.32- 1.69)
32	BROWN2	13	f261	696	170	470	1.04 (0.83- 1.30)
33	STOCKW	7	f -	-	-	-	1.60 (0.84- 3.04)
36	FONTHA	19	f509	941	144	312	1.17 (0.94- 1.47)
39	KABAT2	13	m 13	34	28	83	1.13 (0.53- 2.45)
39	KABAT2	14	f 43	119	26	68	0.95 (0.53- 1.67)
Subtotal 39							1.01 (0.64- 1.59)
40	SCHWAR	7	c172	175	85	102	1.18 (0.83- 1.68)
41	SUN	9	f -	-	-	-	2.35 (1.56- 3.54)
44	CARDEN	17	m -	-	-	-	0.63 (0.23- 1.76)
44	CARDEN	18	f -	-	-	-	0.84 (0.55- 1.27)
Subtotal 44							0.81 (0.55- 1.19)
45	ZHENG	1	m 8	12	17	17	0.67 (0.22- 2.04)
45	ZHENG	2	f 62	179	7	51	2.52 (1.09- 5.85)
Subtotal 45							1.56 (0.80- 3.06)
47	BOFFET	43	m 41	125	100	405	1.33 (0.88- 2.01)
47	BOFFET	45	f347	698	160	312	0.97 (0.77- 1.22)
Subtotal 47							1.04 (0.85- 1.28)
49	ZARIDZ	11	f 38	73	151	285	0.98 (0.63- 1.52)
54	ZHONG	19	f322	377	182	224	1.05 (0.82- 1.34)
55	LEECH	9	f 51	93	217	352	0.89 (0.61- 1.30)
57	WANGL	1	m 24	72	8	42	1.75 (0.72- 4.24)
57	WANGL	3	f176	364	20	43	1.04 (0.59- 1.82)
Subtotal 57							1.21 (0.75- 1.94)
58	JOHNSO	7	f 54	543	17	218	1.28 (0.72- 2.25)
59	LAGARD	5	c179	611	254	997	1.15 (0.93- 1.43)
60	NISHIN	5	f 14	47679	10	26248	0.77 (0.34- 1.73)
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	13	m 36	25	27	25	1.33 (0.63- 2.81)
70	GORLOV	14	f 92	89	38	48	1.31 (0.78- 2.19)
Subtotal 70							1.31 (0.86- 2.01)
72	RYLAND	3	c -	-	-	-	1.37 (0.72- 2.61)
76	HILL1	1	m -	-	-	-	0.97 (0.53- 1.77)
76	HILL1	2	f -	-	-	-	1.00 (0.49- 2.01)
Subtotal 76							0.98 (0.62- 1.55)
77	HILL2	1	m -	-	-	-	1.45 (0.75- 2.81)
77	HILL2	2	f -	-	-	-	1.16 (0.70- 1.92)
Subtotal 77							1.26 (0.84- 1.88)
79	ASOMAN	1	c114	393	24	73	0.88 (0.53- 1.46)
85	TSE	1	m 47	194	85	342	0.97 (0.66- 1.45)
87	BRENNE	11	c109	341	42	105	0.80 (0.53- 1.21)
92	LIM	1	f200	602	226	764	1.12 (0.90- 1.40)
95	ALZOUZ	41	c 28	323	16	113	0.61 (0.32- 1.17)
96	GELAC	2	m143	144	176	175	0.99 (0.72- 1.35)

 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 106
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Father where no more comprehensive index available - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI	
			Case	Cont	Case	Cont			
96	GELAC	16	f841	758	380	463	1.35	(1.14-	1.60)
Subtotal 96							1.26	(1.09-	1.46)
97	MASJED	7	m 9	34	17	136	2.12	(0.87-	5.16)
97	MASJED	8	f 15	30	40	89	1.11	(0.54-	2.29)
Subtotal 97							1.44	(0.82-	2.52)
101	ILCCO	11	1228	3366	1061	3575	1.23	(1.12-	1.35)
102	TORRES	1	c 81	148	111	180	0.89	(0.62-	1.27)
Partial Totals			6262	62697	4386	38643			

*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
5	BUFFLE	1	m	t	-0.68	2.42	1.61	0.2896
5	BUFFLE	2	f	t	-0.22	5.19	0.64	0.6209
Subtotal 5					-0.36	7.61	2.24	
7	KABAT1	5	m	t	0.23	2.13	0.02	0.7331
7	KABAT1	6	f	t	-0.09	5.68	0.28	0.8339
Subtotal 7					-0.00	7.81	0.30	
8	GARFI2	10	f	t	0.14	20.07	0.00	0.5307
12	LEE	13	m	t	0.05	2.06	0.01	0.9419
12	LEE	14	f	t	-0.23	6.59	0.85	0.5627
Subtotal 12					-0.16	8.65	0.87	
14	GAO	10	f	t	-0.11	21.40	1.22	0.6259
16	KOO	12	f	t	0.23	11.74	0.11	0.4317
22	SHIMIZ	3	f	t	0.09	14.17	0.03	0.7309
24	HOLE	1	m	t	1.26	0.67	0.85	0.3028
24	HOLE	2	f	t	0.64	0.84	0.21	0.5613
Subtotal 24					0.91	1.50	1.06	
27	JANERI	7	c	t	0.04	13.48	0.13	0.8917
28	KALAND	7	f	t	0.35	7.73	0.35	0.3363
30	WU-WIL	6	f	t	-0.24	33.48	4.79	0.1570
31	LIUZ	1	f	t	-0.30	5.63	1.07	0.4721
32	BROWN2	13	f	t	0.04	75.31	0.72	0.7540
33	STOCKW	7	f	t	0.47	9.29	1.05	0.1520
36	FONTHA	19	f	t	0.16	75.89	0.05	0.1668
39	KABAT2	13	m	t	0.13	6.49	0.00	0.7497
39	KABAT2	14	f	t	-0.06	11.79	0.43	0.8461
Subtotal 39					0.01	18.28	0.43	
40	SCHWAR	7	c	t	0.17	30.21	0.03	0.3643
41	SUN	9	f	t	0.85	22.88	11.88	0.0000
44	CARDEN	17	m	t	-0.46	3.71	1.32	0.3735
44	CARDEN	18	f	t	-0.17	21.94	2.08	0.4141
Subtotal 44					-0.22	25.65	3.40	
45	ZHENG	1	m	t	-0.41	3.07	0.89	0.4776
45	ZHENG	2	f	t	0.93	5.43	3.40	0.0310
Subtotal 45					0.45	8.50	4.30	
47	BOFFET	43	m	t	0.28	22.29	0.50	0.1800
47	BOFFET	45	f	t	-0.03	72.62	1.97	0.7912
Subtotal 47					0.04	94.92	2.48	
49	ZARIDZ	11	f	t	-0.02	19.94	0.46	0.9371
54	ZHONG	19	f	t	0.05	63.63	0.45	0.6903
55	LEECH	9	f	t	-0.12	26.45	1.66	0.5472
57	WANGL	1	m	t	0.56	4.89	0.89	0.2158
57	WANGL	3	f	t	0.04	12.24	0.11	0.8920
Subtotal 57					0.19	17.14	1.00	
58	JOHNSO	7	f	t	0.24	11.94	0.14	0.4008
59	LAGARD	5	c	t	0.14	82.21	0.00	0.2052
60	NISHIN	5	f	t	-0.26	5.84	0.91	0.5293
66	MCGHEE	5	m	t	0.36	17.79	0.95	0.1240
66	MCGHEE	6	f	t	0.41	29.19	2.19	0.0276
Subtotal 66					0.39	46.98	3.14	
67	EPICA	7	c	t	-0.17	5.93	0.56	0.6711
69	FRANCO	1	c	t	0.59	15.26	3.15	0.0216
70	GORLOV	13	m	t	0.29	6.91	0.16	0.4497
70	GORLOV	14	f	t	0.27	14.44	0.26	0.3107
Subtotal 70					0.27	21.34	0.42	
72	RYLAND	3	c	t	0.31	9.26	0.30	0.3380

 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 106
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Father where no more comprehensive index available - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
76	HILL1	1	m	t	-0.03	10.57	0.29	0.9211
76	HILL1	2	f	t	0.00	7.71	0.14	1.0000
Subtotal 76					-0.02	18.28	0.42	
77	HILL2	1	m	t	0.37	8.81	0.50	0.2702
77	HILL2	2	f	t	0.15	15.09	0.00	0.5642
Subtotal 77					0.23	23.90	0.50	
79	ASOMAN	1	c	t	-0.13	15.00	1.01	0.6278
85	TSE	1	m	t	-0.03	24.32	0.62	0.8997
87	BRENNE	11	c	t	-0.22	22.01	2.82	0.2928
92	LIM	1	f	t	0.12	80.68	0.03	0.2971
95	ALZOUG	41	c	t	-0.49	9.08	3.54	0.1393
96	GELAC	2	m	t	-0.01	39.47	0.85	0.9366
96	GELAC	16	f	t	0.30	136.99	3.85	0.0004
Subtotal 96					0.23	176.46	4.70	
97	MASJED	7	m	t	0.75	4.84	1.84	0.0989
97	MASJED	8	f	t	0.11	7.34	0.01	0.7727
Subtotal 97					0.36	12.18	1.84	
101	ILCCO	11	c	t	0.21	428.51	2.26	0.0000
102	TORRES	1	c	t	-0.12	29.70	1.90	0.5154

Relative risks

	N	59
	NS	44
	Wt	1680.26
Het	Chi	68.33
Het	df	58
Het	P	N.S.
Fixed	RR	1.14
	RRl	1.09
	RRu	1.20
	P	+++
Random	RR	1.12
	RRl	1.05
	RRu	1.19
	P	+++
Asymm	P	N.S.

 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 107
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Father where no more comprehensive index available - both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	Numbers 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)
27	JANERI	11	c -	-	-	-	1.05 (0.62-	1.77)
32	BROWN2	14	f -	-	-	-	1.10 (0.80-	1.30)
33	STOCKW	7	f -	-	-	-	1.60 (0.84-	3.04)
36	FONTHA	20	f -	-	-	-	1.23 (0.96-	1.57)
39	KABAT2	13	m 13	34	28	83	1.13 (0.53-	2.45)
39	KABAT2	14	f 43	119	26	68	0.95 (0.53-	1.67)
Subtotal 39							1.01 (0.64-	1.59)
40	SCHWAR	8	c -	-	-	-	1.10 (0.80-	1.60)
44	CARDEN	17	m -	-	-	-	0.63 (0.23-	1.76)
44	CARDEN	18	f -	-	-	-	0.84 (0.55-	1.27)
Subtotal 44							0.81 (0.55-	1.19)
58	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)
79	ASOMAN	1	c114	393	24	73	0.88 (0.53-	1.46)
87	BRENNE	11	c109	341	42	105	0.80 (0.53-	1.21)
95	ALZOUG	11	c -	-	-	-	0.63 (0.32-	1.25)
Partial Totals			412	1333	232	586		

*prospective study

Europe

StN	Ref	NRR	Numbers 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)
28	KALAND	7	f 75	92	15	26	1.41 (0.70-	2.86)
47	BOFFET	44	m -	-	-	-	1.45 (0.91-	2.33)
47	BOFFET	46	f -	-	-	-	1.01 (0.79-	1.29)
Subtotal 47							1.09 (0.88-	1.36)
49	ZARIDZ	12	f -	-	-	-	0.91 (0.58-	1.42)
59	LAGARD	6	c -	-	-	-	1.15 (0.91-	1.45)
67	EPICA	7	c -	-	-	-	0.84 (0.38-	1.90)
72	RYLAND	3	c -	-	-	-	1.37 (0.72-	2.61)
102	TORRES	2	c -	-	-	-	0.71 (0.48-	1.05)
Partial Totals			89	250	45	319		

*prospective study

Asia

StN	Ref	NRR	Numbers 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)
30	WU-WIL	6	f343	515	74	87	0.78 (0.56-	1.10)
31	LIUZ	2	f -	-	-	-	0.77 (0.30-	1.96)
41	SUN	9	f -	-	-	-	2.35 (1.56-	3.54)
45	ZHENG	1	m 8	12	17	17	0.67 (0.22-	2.04)
45	ZHENG	2	f 62	179	7	51	2.52 (1.09-	5.85)
Subtotal 45							1.56 (0.80-	3.06)
54	ZHONG	20	f -	-	-	-	1.08 (0.82-	1.41)
55	LEECH	10	f -	-	-	-	0.80 (0.51-	1.24)
57	WANGL	2	m -	-	-	-	1.22 (0.50-	3.30)
57	WANGL	4	f -	-	-	-	1.15 (0.60-	2.10)
Subtotal 57							1.17 (0.69-	1.97)
60	NISHIN	6	f -	-	-	-	0.87 (0.37-	2.01)
66	MCGHEE	1	m -	-	-	-	1.34 (0.82-	2.17)

 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 107
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Father where no more comprehensive index available - both sexes
 By continent - adjusted

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
66	MCGHEE	2	f -	-	-	-	1.38 (0.94-	2.04)
Subtotal 66							1.36 (1.01-	1.85)
85	TSE	10	m -	-	-	-	0.90 (0.57-	1.41)
92	LIM	1	f200	602	226	764	1.12 (0.90-	1.40)
96	GELAC	9	m -	-	-	-	0.94 (0.67-	1.32)
96	GELAC	24	f -	-	-	-	1.30 (1.09-	1.54)
Subtotal 96							1.22 (1.04-	1.42)
97	MASJED	7	m 9	34	17	136	2.12 (0.87-	5.16)
97	MASJED	8	f 15	30	40	89	1.11 (0.54-	2.29)
Subtotal 97							1.44 (0.82-	2.52)
Partial Totals			676	1439	432	1240		

*prospective study

Other			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
76	HILL1	3	m -	-	-	-	1.08 (0.56-	2.09)
76	HILL1	2	f -	-	-	-	1.00 (0.49-	2.01)
Subtotal 76							1.04 (0.64-	1.69)
77	HILL2	1	m -	-	-	-	1.45 (0.75-	2.81)
77	HILL2	3	f -	-	-	-	1.38 (0.78-	2.41)
Subtotal 77							1.41 (0.92-	2.16)
101	ILCCO	16	c -	-	-	-	1.20 (1.08-	1.34)
Partial Totals			0	0	0	0		

*prospective study

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	21	11	21	5	58
	NS	16	9	16	3	44
	Wt	348.72	229.28	515.67	367.69	1461.35
	Het Chi	16.87	9.80	33.88	0.90	65.19
	Het df	20	10	20	4	57
	Het P	N.S.	N.S.	*	N.S.	N.S.
	Fixed RR	1.08	1.05	1.15	1.20	1.13
	RRl	0.97	0.92	1.06	1.09	1.07
	RRu	1.19	1.19	1.25	1.33	1.19
	P	N.S.	N.S.	++	+++	+++
	Random RR	1.08	1.05	1.14	1.20	1.11
	RRl	0.97	0.92	1.00	1.09	1.04
	RRu	1.19	1.19	1.29	1.33	1.18
	P	N.S.	N.S.	(+)	+++	+++
	Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.
	Between Chi		0.09	0.95	2.26	3.74
	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) 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 108
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Father where no more comprehensive index available - both sexes
 By continent - unadjusted

NAmerica									
StN	Ref	NRR	Numbers 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)
27	JANERI	7	c159	158	32	33	1.04	(0.61-	1.77)
32	BROWN2	13	f261	696	170	470	1.04	(0.83-	1.30)
33	STOCKW	7	f -	-	-	-	1.60	(0.84-	3.04)
36	FONTHA	19	f509	941	144	312	1.17	(0.94-	1.47)
39	KABAT2	13	m 13	34	28	83	1.13	(0.53-	2.45)
39	KABAT2	14	f 43	119	26	68	0.95	(0.53-	1.67)
Subtotal 39							1.01	(0.64-	1.59)
40	SCHWAR	7	c172	175	85	102	1.18	(0.83-	1.68)
44	CARDEN	17	m -	-	-	-	0.63	(0.23-	1.76)
44	CARDEN	18	f -	-	-	-	0.84	(0.55-	1.27)
Subtotal 44							0.81	(0.55-	1.19)
58	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	13	m 36	25	27	25	1.33	(0.63-	2.81)
70	GORLOV	14	f 92	89	38	48	1.31	(0.78-	2.19)
Subtotal 70							1.31	(0.86-	2.01)
79	ASOMAN	1	c114	393	24	73	0.88	(0.53-	1.46)
87	BRENNE	11	c109	341	42	105	0.80	(0.53-	1.21)
95	ALZOUG	41	c 28	323	16	113	0.61	(0.32-	1.17)
Partial Totals			1723	4283	761	1907			

*prospective study

Europe									
StN	Ref	NRR	Numbers 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)
28	KALAND	7	f 75	92	15	26	1.41	(0.70-	2.86)
47	BOFFET	43	m 41	125	100	405	1.33	(0.88-	2.01)
47	BOFFET	45	f347	698	160	312	0.97	(0.77-	1.22)
Subtotal 47							1.04	(0.85-	1.28)
49	ZARIDZ	11	f 38	73	151	285	0.98	(0.63-	1.52)
59	LAGARD	5	c179	611	254	997	1.15	(0.93-	1.43)
67	EPICA	7	c -	-	-	-	0.84	(0.38-	1.90)
72	RYLAND	3	c -	-	-	-	1.37	(0.72-	2.61)
102	TORRES	1	c 81	148	111	180	0.89	(0.62-	1.27)
Partial Totals			782	3443	823	3415			

*prospective study

 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 108
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Father where no more comprehensive index available - both sexes
 By continent - unadjusted

Asia								
StN	Ref	NRR	Numbers 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)
30	WU-WIL	6	f343	515	74	87	0.78	(0.56- 1.10)
31	LIUZ	1	f 45	176	9	26	0.74	(0.32- 1.69)
41	SUN	9	f -	-	-	-	2.35	(1.56- 3.54)
45	ZHENG	1	m 8	12	17	17	0.67	(0.22- 2.04)
45	ZHENG	2	f 62	179	7	51	2.52	(1.09- 5.85)
Subtotal 45							1.56	(0.80- 3.06)
54	ZHONG	19	f322	377	182	224	1.05	(0.82- 1.34)
55	LEECH	9	f 51	93	217	352	0.89	(0.61- 1.30)
57	WANGL	1	m 24	72	8	42	1.75	(0.72- 4.24)
57	WANGL	3	f176	364	20	43	1.04	(0.59- 1.82)
Subtotal 57							1.21	(0.75- 1.94)
60	NISHIN	5	f 14	47679	10	26248	0.77	(0.34- 1.73)
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)
85	TSE	1	m 47	194	85	342	0.97	(0.66- 1.45)
92	LIM	1	f200	602	226	764	1.12	(0.90- 1.40)
96	GELAC	2	m143	144	176	175	0.99	(0.72- 1.35)
96	GELAC	16	f841	758	380	463	1.35	(1.14- 1.60)
Subtotal 96							1.26	(1.09- 1.46)
97	MASJED	7	m 9	34	17	136	2.12	(0.87- 5.16)
97	MASJED	8	f 15	30	40	89	1.11	(0.54- 2.29)
Subtotal 97							1.44	(0.82- 2.52)
Partial Totals			2529	51605	1741	29746		

*prospective study

Other								
StN	Ref	NRR	Numbers exposed		Non-exposed		RR	95.00%CI
			Case	Cont	Case	Cont		
76	HILL1	1	m -	-	-	-	0.97	(0.53- 1.77)
76	HILL1	2	f -	-	-	-	1.00	(0.49- 2.01)
Subtotal 76							0.98	(0.62- 1.55)
77	HILL2	1	m -	-	-	-	1.45	(0.75- 2.81)
77	HILL2	2	f -	-	-	-	1.16	(0.70- 1.92)
Subtotal 77							1.26	(0.84- 1.88)
101	ILCCO	11	1228	3366	1061	3575	1.23	(1.12- 1.35)
Partial Totals			1228	3366	1061	3575		

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	21	12	21	5	59
NS	16	9	16	3	44
Wt	378.23	259.86	571.47	470.69	1680.26
Het Chi	17.78	6.65	37.46	1.19	68.33
Het df	20	11	20	4	58
Het P	N.S.	N.S.	*	N.S.	N.S.
Fixed RR	1.07	1.06	1.17	1.22	1.14
RRl	0.97	0.94	1.08	1.11	1.09
RRu	1.18	1.20	1.27	1.34	1.20
P	N.S.	N.S.	+++	+++	+++
Random RR	1.07	1.06	1.16	1.22	1.12
RRl	0.97	0.94	1.02	1.11	1.05
RRu	1.18	1.20	1.32	1.34	1.19
P	N.S.	N.S.	+	+++	+++
Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.
Between Chi		0.00	1.77	3.60	5.25
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) 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 109
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Mother (specifically) - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Case	Cont	Case	Cont	RR	95.00%CI
22	SHIMIZ	4	f 10	5	80	158	3.95	(1.31- 11.95)
30	WU-WIL	5	f119	192	298	410	0.85	(0.65- 1.12)
33	STOCKW	8	f -	-	-	-	1.60	(0.60- 4.30)
41	SUN	8	f -	-	-	-	2.05	(1.29- 3.27)
96	GELAC	11	m -	-	-	-	0.83	(0.20- 3.45)
96	GELAC	26	f -	-	-	-	1.12	(0.68- 1.84)
Subtotal 96							1.08	(0.68- 1.73)
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	4.86	0.0150
30	WU-WIL	5	f	t	-0.16	51.53	4.29	0.2528
33	STOCKW	8	f	t	0.47	3.96	0.46	0.3495
41	SUN	8	f	t	0.72	17.76	6.15	0.0025
96	GELAC	11	m	t	-0.19	1.89	0.19	0.7976
96	GELAC	26	f	t	0.11	15.51	0.00	0.6554
Subtotal 96					0.08	17.40	0.19	

Relative risks

	N	6
	NS	5
	Wt	93.79
	Het Chi	15.95
	Het df	5
	Het P	**
Fixed	RR	1.14
	RRl	0.93
	RRu	1.39
	P	N.S.
Random	RR	1.39
	RRl	0.88
	RRu	2.19
	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 110
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Mother (specifically) - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Numbers 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)
30	WU-WIL	5	f119	192	298	410	0.85	(0.65- 1.12)
33	STOCKW	8	f -	-	-	-	1.60	(0.60- 4.30)
41	SUN	8	f -	-	-	-	2.05	(1.29- 3.27)
96	GELAC	4	m 4	7	289	307	0.61	(0.18- 2.10)
96	GELAC	18	f 37	38	1114	1172	1.02	(0.65- 1.62)
Subtotal 96							0.96	(0.62- 1.48)
Partial Totals			170	242	1781	2047		

*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
22	SHIMIZ	4	f	t	1.37	3.14	5.07	0.0150
30	WU-WIL	5	f	t	-0.16	51.53	3.52	0.2528
33	STOCKW	8	f	t	0.47	3.96	0.54	0.3495
41	SUN	8	f	t	0.72	17.76	6.74	0.0025
96	GELAC	4	m	t	-0.50	2.50	0.90	0.4297
96	GELAC	18	f	t	0.02	18.15	0.11	0.9183
Subtotal 96					-0.04	20.65	1.01	

Relative risks

	N	6
	NS	5
	Wt	97.04
	Het Chi	16.88
	Het df	5
	Het P	**
Fixed	RR	1.11
	RRl	0.91
	RRu	1.35
	P	N.S.
Random	RR	1.32
	RRl	0.84
	RRu	2.07
	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 111
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Mother (specifically) - both sexes
 By continent - adjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
33	STOCKW	8	f -	-	-	-	1.60 (	0.60- 4.30)
Partial Totals			0	0	0	0		

*prospective study

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
22	SHIMIZ	4	f 10	5	80	158	3.95 (	1.31- 11.95)
30	WU-WIL	5	f119	192	298	410	0.85 (	0.65- 1.12)
41	SUN	8	f -	-	-	-	2.05 (	1.29- 3.27)
96	GELAC	11	m -	-	-	-	0.83 (	0.20- 3.45)
96	GELAC	26	f -	-	-	-	1.12 (	0.68- 1.84)
Subtotal 96							1.08 (	0.68- 1.73)
Partial Totals			129	197	378	568		

*prospective study

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	1		5		6
NS	1		4		5
Wt	3.96		89.83		93.79
Het Chi	0.00		15.47		15.95
Het df	0		4		5
Het P	N.S.		**		**
Fixed RR	1.60		1.12		1.14
RRl	0.60		0.91		0.93
RRu	4.28		1.38		1.39
P	N.S.		N.S.		N.S.
Random RR	1.60		1.37		1.39
RRl	0.60		0.83		0.88
RRu	4.28		2.28		2.19
P	N.S.		N.S.		N.S.
Asymm P			N.S.		N.S.
Between Chi			0.48		0.48
Between df			1		1
Between P		N.S.	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 112
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Mother (specifically) - both sexes
 By continent - unadjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
33	STOCKW	8	f -	-	-	-	1.60 (	0.60- 4.30)
Partial Totals			0	0	0	0		

*prospective study

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
22	SHIMIZ	4	f 10	5	80	158	3.95 (	1.31- 11.95)
30	WU-WIL	5	f119	192	298	410	0.85 (	0.65- 1.12)
41	SUN	8	f -	-	-	-	2.05 (	1.29- 3.27)
96	GELAC	4	m 4	7	289	307	0.61 (	0.18- 2.10)
96	GELAC	18	f 37	38	1114	1172	1.02 (	0.65- 1.62)
Subtotal 96							0.96 (	0.62- 1.48)
Partial Totals			170	242	1781	2047		

*prospective study

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	1		5		6
NS	1		4		5
Wt	3.96		93.08		97.04
Het Chi	0.00		16.32		16.88
Het df	0		4		5
Het P	N.S.		**		**
Fixed RR	1.60		1.09		1.11
RRl	0.60		0.89		0.91
RRu	4.28		1.34		1.35
P	N.S.		N.S.		N.S.
Random RR	1.60		1.29		1.32
RRl	0.60		0.78		0.84
RRu	4.28		2.13		2.07
P	N.S.		N.S.		N.S.
Asymm P			N.S.		N.S.
Between Chi			0.56		0.56
Between df			1		1
Between P		N.S.	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 113
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Father (specifically) - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Numbers 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)
30	WU-WIL	7	f182	250	235	352	1.09 (0.85- 1.40)
33	STOCKW	9	f -	-	-	-	1.20 (0.60- 2.30)
41	SUN	9	f -	-	-	-	2.35 (1.56- 3.54)
96	GELAC	10	m -	-	-	-	0.86 (0.59- 1.30)
96	GELAC	25	f -	-	-	-	1.20 (0.99- 1.42)
Subtotal 96							1.13 (0.96- 1.33)
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	0.12	0.7309
30	WU-WIL	7	f	t	0.09	60.27	0.56	0.5014
33	STOCKW	9	f	t	0.18	8.51	0.00	0.5948
41	SUN	9	f	t	0.85	22.88	10.32	0.0000
96	GELAC	10	m	t	-0.15	24.62	2.74	0.4542
96	GELAC	25	f	t	0.18	118.10	0.00	0.0476
Subtotal 96					0.12	142.72	2.74	

Relative risks

	N	6
	NS	5
	Wt	248.55
Het	Chi	13.74
Het	df	5
Het	P	*
Fixed	RR	1.20
	RRl	1.06
	RRu	1.36
	P	++
Random	RR	1.22
	RRl	0.96
	RRu	1.55
	P	(+)
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 114
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Father (specifically) - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Numbers 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)
30	WU-WIL	7	f182	250	235	352	1.09 (0.85- 1.40)
33	STOCKW	9	f -	-	-	-	1.20 (0.60- 2.30)
41	SUN	9	f -	-	-	-	2.35 (1.56- 3.54)
96	GELAC	3	m111	112	198	193	0.97 (0.70- 1.34)
96	GELAC	17	f449	405	689	763	1.23 (1.04- 1.45)
Subtotal 96							1.17 (1.00- 1.36)
Partial Totals			781	834	1173	1404	

*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
22	SHIMIZ	3	f	t	0.09	14.17	0.15	0.7309
30	WU-WIL	7	f	t	0.09	60.27	0.72	0.5014
33	STOCKW	9	f	t	0.18	8.51	0.00	0.5948
41	SUN	9	f	t	0.85	22.88	9.93	0.0000
96	GELAC	3	m	t	-0.03	35.50	1.88	0.8369
96	GELAC	17	f	t	0.21	134.08	0.01	0.0175
Subtotal 96					0.15	169.58	1.89	

Relative risks

N	6
NS	5
Wt	275.41
Het Chi	12.70
Het df	5
Het P	*
Fixed RR	1.22
RRl	1.08
RRu	1.37
P	++
Random RR	1.24
RRl	1.00
RRu	1.55
P	(+)
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 115
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Father (specifically) - both sexes
 By continent - adjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
33	STOCKW	9	f -	-	-	-	1.20 (0.60-	2.30)
Partial Totals			0	0	0	0		

*prospective study

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
22	SHIMIZ	3	f 39	67	51	96	1.10 (0.65-	1.84)
30	WU-WIL	7	f182	250	235	352	1.09 (0.85-	1.40)
41	SUN	9	f -	-	-	-	2.35 (1.56-	3.54)
96	GELAC	10	m -	-	-	-	0.86 (0.59-	1.30)
96	GELAC	25	f -	-	-	-	1.20 (0.99-	1.42)
Subtotal 96							1.13 (0.96-	1.33)
Partial Totals			221	317	286	448		

*prospective study

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	1		5		6
NS	1		4		5
Wt	8.51		240.04		248.55
Het Chi	0.00		13.74		13.74
Het df	0		4		5
Het P	N.S.		**		*
Fixed RR	1.20		1.20		1.20
RRl	0.61		1.06		1.06
RRu	2.35		1.36		1.36
P	N.S.		++		++
Random RR	1.20		1.23		1.22
RRl	0.61		0.94		0.96
RRu	2.35		1.60		1.55
P	N.S.		N.S.		(+)
Asymm P			N.S.		N.S.
Between Chi			0.00		0.00
Between df			1		1
Between P		N.S.	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 116
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Father (specifically) - both sexes
 By continent - unadjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
33	STOCKW	9	f -	-	-	-	1.20 (	0.60- 2.30)
Partial Totals			0	0	0	0		

*prospective study

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
22	SHIMIZ	3	f 39	67	51	96	1.10 (	0.65- 1.84)
30	WU-WIL	7	f182	250	235	352	1.09 (	0.85- 1.40)
41	SUN	9	f -	-	-	-	2.35 (	1.56- 3.54)
96	GELAC	3	m111	112	198	193	0.97 (	0.70- 1.34)
96	GELAC	17	f449	405	689	763	1.23 (	1.04- 1.45)
Subtotal 96							1.17 (	1.00- 1.36)
Partial Totals			781	834	1173	1404		

*prospective study

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	1		5		6
NS	1		4		5
Wt	8.51		266.90		275.41
Het Chi	0.00		12.69		12.70
Het df	0		4		5
Het P	N.S.		*		*
Fixed RR	1.20		1.22		1.22
RRl	0.61		1.08		1.08
RRu	2.35		1.37		1.37
P	N.S.		++		++
Random RR	1.20		1.25		1.24
RRl	0.61		0.98		1.00
RRu	2.35		1.59		1.55
P	N.S.		(+)		(+)
Asymm P			N.S.		N.S.
Between Chi			0.00		0.00
Between df			1		1
Between P		N.S.	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 117
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Not parents/spouse - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Numbers 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)
33	STOCKW	10	f -	-	-	-	1.70	(0.80- 3.90)
55	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
33	STOCKW	10	f	t	0.53	6.12	2.51	0.1892
55	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 118
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Not parents/spouse - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Numbers 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)
33	STOCKW	10	f -	-	-	-	1.70	(0.80- 3.90)
55	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
33	STOCKW	10	f	t	0.53	6.12	2.16	0.1892
55	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 119
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Not parents/spouse - both sexes
 By continent - adjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
33	STOCKW	10	f -	-	-	-	1.70 (	0.80- 3.90)
Partial Totals			0	0	0	0		

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
22	SHIMIZ	7	f 24	52	66	111	0.78 (	0.44- 1.37)
55	LEECH	10	f -	-	-	-	0.80 (	0.51- 1.24)
Partial Totals			24	52	66	111		

	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 120
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Not parents/spouse - both sexes
 By continent - unadjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
33	STOCKW	10	f -	-	-	-	1.70 (	0.80- 3.90)
Partial Totals			0	0	0	0		

*prospective study

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
22	SHIMIZ	7	f 24	52	66	111	0.78 (	0.44- 1.37)
55	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
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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.	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 121
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Excluding Spouse (using ETS from mother where no more comprehensive index available) - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Case	Cont	Case	Cont	RR	95.00%CI
22	SHIMIZ	4	f 10	5	80	158	3.95	(1.31- 11.95)
28	KALAND	7	f 75	92	15	26	1.41	(0.70- 2.86)
30	WU-WIL	5	f119	192	298	410	0.85	(0.65- 1.12)
33	STOCKW	8	f -	-	-	-	1.60	(0.60- 4.30)
41	SUN	8	f -	-	-	-	2.05	(1.29- 3.27)
49	ZARIDZ	12	f -	-	-	-	0.91	(0.58- 1.42)
55	LEECH	10	f -	-	-	-	0.80	(0.51- 1.24)
60	NISHIN	4	f -	-	-	-	0.53	(0.18- 1.50)
95	ALZOUG	4	c -	-	-	-	0.62	(0.32- 1.21)
96	GELAC	11	m -	-	-	-	0.83	(0.20- 3.45)
96	GELAC	26	f -	-	-	-	1.12	(0.68- 1.84)
Subtotal 96							1.08	(0.68- 1.73)
97	MASJED	7	m 9	34	17	136	2.12	(0.87- 5.16)
97	MASJED	8	f 15	30	40	89	1.11	(0.54- 2.29)
Subtotal 97							1.44	(0.82- 2.52)
Partial Totals			228	353	450	819		

*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
22	SHIMIZ	4	f	t	1.37	3.14	5.57	0.0150
28	KALAND	7	f	t	0.35	7.73	0.72	0.3363
30	WU-WIL	5	f	t	-0.16	51.53	2.07	0.2528
33	STOCKW	8	f	t	0.47	3.96	0.73	0.3495
41	SUN	8	f	t	0.72	17.76	8.14	0.0025
49	ZARIDZ	12	f	t	-0.09	19.17	0.35	0.6797
55	LEECH	10	f	t	-0.22	19.47	1.36	0.3249
60	NISHIN	4	f	t	-0.63	3.42	1.56	0.2405
95	ALZOUG	4	c	t	-0.48	8.69	2.34	0.1589
96	GELAC	11	m	t	-0.19	1.89	0.10	0.7976
96	GELAC	26	f	t	0.11	15.51	0.08	0.6554
Subtotal 96					0.08	17.40	0.18	
97	MASJED	7	m	t	0.75	4.84	2.43	0.0989
97	MASJED	8	f	t	0.11	7.34	0.03	0.7727
Subtotal 97					0.36	12.18	2.47	

Relative risks

	N	13
	NS	11
	Wt	164.44
Het	Chi	25.48
Het	df	12
Het	P	*
Fixed	RR	1.04
	RRl	0.89
	RRu	1.21
	P	N.S.
Random	RR	1.12
	RRl	0.87
	RRu	1.44
	P	N.S.
Asymm	P	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
- 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 122
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Excluding Spouse (using ETS from mother where no more comprehensive index available) - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Numbers 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)
28	KALAND	7	f 75	92	15	26	1.41	(0.70-	2.86)
30	WU-WIL	5	f119	192	298	410	0.85	(0.65-	1.12)
33	STOCKW	8	f -	-	-	-	1.60	(0.60-	4.30)
41	SUN	8	f -	-	-	-	2.05	(1.29-	3.27)
49	ZARIDZ	11	f 38	73	151	285	0.98	(0.63-	1.52)
55	LEECH	9	f 51	93	217	352	0.89	(0.61-	1.30)
60	NISHIN	3	f 7	28977	17	44950	0.64	(0.26-	1.54)
95	ALZOUG	34	c 18	241	26	195	0.56	(0.30-	1.05)
96	GELAC	4	m 4	7	289	307	0.61	(0.18-	2.10)
96	GELAC	18	f 37	38	1114	1172	1.02	(0.65-	1.62)
Subtotal 96							0.96	(0.62-	1.48)
97	MASJED	7	m 9	34	17	136	2.12	(0.87-	5.16)
97	MASJED	8	f 15	30	40	89	1.11	(0.54-	2.29)
Subtotal 97							1.44	(0.82-	2.52)
Partial Totals			383	29782	2264	48080			

*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
22	SHIMIZ	4	f	t	1.37	3.14	5.65	0.0150
28	KALAND	7	f	t	0.35	7.73	0.76	0.3363
30	WU-WIL	5	f	t	-0.16	51.53	1.89	0.2528
33	STOCKW	8	f	t	0.47	3.96	0.76	0.3495
41	SUN	8	f	t	0.72	17.76	8.35	0.0025
49	ZARIDZ	11	f	t	-0.02	19.94	0.05	0.9371
55	LEECH	9	f	t	-0.12	26.45	0.59	0.5472
60	NISHIN	3	f	t	-0.45	4.96	1.14	0.3181
95	ALZOUG	34	c	t	-0.58	9.68	3.62	0.0714
96	GELAC	4	m	t	-0.50	2.50	0.71	0.4297
96	GELAC	18	f	t	0.02	18.15	0.00	0.9183
Subtotal 96					-0.04	20.65	0.71	
97	MASJED	7	m	t	0.75	4.84	2.50	0.0989
97	MASJED	8	f	t	0.11	7.34	0.04	0.7727
Subtotal 97					0.36	12.18	2.54	

Relative risks

	N	13
	NS	11
	Wt	177.98
Het	Chi	26.05
Het	df	12
Het	P	*
Fixed	RR	1.03
	RRl	0.89
	RRu	1.20
	P	N.S.
Random	RR	1.10
	RRl	0.86
	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 : x, p, m, f, q/r/s/c/y, 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 123
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Excluding Spouse (using ETS from mother where no more comprehensive index available) - both sexes
 By continent - adjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
33	STOCKW	8	f -	-	-	-	1.60 (0.60-	4.30)
95	ALZOUG	4	c -	-	-	-	0.62 (0.32-	1.21)
Partial Totals			0	0	0	0		

Europe			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
28	KALAND	7	f 75	92	15	26	1.41 (0.70-	2.86)
49	ZARIDZ	12	f -	-	-	-	0.91 (0.58-	1.42)
Partial Totals			75	92	15	26		

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
22	SHIMIZ	4	f 10	5	80	158	3.95 (1.31-	11.95)
30	WU-WIL	5	f119	192	298	410	0.85 (0.65-	1.12)
41	SUN	8	f -	-	-	-	2.05 (1.29-	3.27)
55	LEECH	10	f -	-	-	-	0.80 (0.51-	1.24)
60	NISHIN	4	f -	-	-	-	0.53 (0.18-	1.50)
96	GELAC	11	m -	-	-	-	0.83 (0.20-	3.45)
96	GELAC	26	f -	-	-	-	1.12 (0.68-	1.84)
Subtotal 96							1.08 (0.68-	1.73)
97	MASJED	7	m 9	34	17	136	2.12 (0.87-	5.16)
97	MASJED	8	f 15	30	40	89	1.11 (0.54-	2.29)
Subtotal 97							1.44 (0.82-	2.52)
Partial Totals			153	261	435	793		

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	2	2	9		13
NS	2	2	7		11
Wt	12.65	26.90	124.89		164.44
Het Chi	2.45	1.07	21.27		25.48
Het df	1	1	8		12
Het P	N.S.	N.S.	**		*
Fixed RR	0.83	1.03	1.07		1.04
RRl	0.48	0.71	0.90		0.89
RRu	1.45	1.51	1.27		1.21
P	N.S.	N.S.	N.S.		N.S.
Random RR	0.93	1.04	1.19		1.12
RRl	0.37	0.70	0.85		0.87
RRu	2.32	1.54	1.66		1.44
P	N.S.	N.S.	N.S.		N.S.
Asymm P			N.S.		N.S.
Between Chi		0.39	0.70		0.70
Between df		1	1		2
Between P		N.S.	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
- 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 124
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Excluding Spouse (using ETS from mother where no more comprehensive index available) - both sexes
 By continent - unadjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
33	STOCKW	8	f -	-	-	-	1.60 (0.60-	4.30)
95	ALZOUZ	34	c 18	241	26	195	0.56 (0.30-	1.05)
Partial Totals			18	241	26	195		

*prospective study

Europe			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
28	KALAND	7	f 75	92	15	26	1.41 (0.70-	2.86)
49	ZARIDZ	11	f 38	73	151	285	0.98 (0.63-	1.52)
Totals			113	165	166	311		

*prospective study

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
22	SHIMIZ	4	f 10	5	80	158	3.95 (1.31-	11.95)
30	WU-WIL	5	f119	192	298	410	0.85 (0.65-	1.12)
41	SUN	8	f -	-	-	-	2.05 (1.29-	3.27)
55	LEECH	9	f 51	93	217	352	0.89 (0.61-	1.30)
60	NISHIN	3	f 7	28977	17	44950	0.64 (0.26-	1.54)
96	GELAC	4	m 4	7	289	307	0.61 (0.18-	2.10)
96	GELAC	18	f 37	38	1114	1172	1.02 (0.65-	1.62)
Subtotal 96							0.96 (0.62-	1.48)
97	MASJED	7	m 9	34	17	136	2.12 (0.87-	5.16)
97	MASJED	8	f 15	30	40	89	1.11 (0.54-	2.29)
Subtotal 97							1.44 (0.82-	2.52)
Partial Totals			252	29376	2072	47574		

*prospective study

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	2	2	9		13
NS	2	2	7		11
Wt	13.64	27.67	136.67		177.98
Het Chi	3.10	0.74	20.81		26.05
Het df	1	1	8		12
Het P	(*)	N.S.	**		*
Fixed RR	0.76	1.09	1.05		1.03
RRl	0.45	0.75	0.89		0.89
RRu	1.29	1.58	1.25		1.20
P	N.S.	N.S.	N.S.		N.S.
Random RR	0.88	1.09	1.16		1.10
RRl	0.32	0.75	0.85		0.86
RRu	2.44	1.58	1.59		1.40
P	N.S.	N.S.	N.S.		N.S.
Asymm P					N.S.
Between Chi		1.18	1.33		1.41
Between df		1	1		2
Between P		N.S.	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
- 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 125
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Excluding Spouse (using ETS from father where no more comprehensive index available) - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Numbers 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)
28	KALAND	7	f 75	92	15	26	1.41	(0.70- 2.86)
30	WU-WIL	7	f182	250	235	352	1.09	(0.85- 1.40)
33	STOCKW	9	f -	-	-	-	1.20	(0.60- 2.30)
41	SUN	9	f -	-	-	-	2.35	(1.56- 3.54)
49	ZARIDZ	12	f -	-	-	-	0.91	(0.58- 1.42)
55	LEECH	10	f -	-	-	-	0.80	(0.51- 1.24)
60	NISHIN	4	f -	-	-	-	0.53	(0.18- 1.50)
95	ALZOUG	4	c -	-	-	-	0.62	(0.32- 1.21)
96	GELAC	10	m -	-	-	-	0.86	(0.59- 1.30)
96	GELAC	25	f -	-	-	-	1.20	(0.99- 1.42)
Subtotal 96							1.13	(0.96- 1.33)
97	MASJED	7	m 9	34	17	136	2.12	(0.87- 5.16)
97	MASJED	8	f 15	30	40	89	1.11	(0.54- 2.29)
Subtotal 97							1.44	(0.82- 2.52)
Partial Totals			320	473	358	699		

*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
22	SHIMIZ	3	f	t	0.09	14.17	0.02	0.7309
28	KALAND	7	f	t	0.35	7.73	0.38	0.3363
30	WU-WIL	7	f	t	0.09	60.27	0.09	0.5014
33	STOCKW	9	f	t	0.18	8.51	0.03	0.5948
41	SUN	9	f	t	0.85	22.88	12.16	0.0000
49	ZARIDZ	12	f	t	-0.09	19.17	0.93	0.6797
55	LEECH	10	f	t	-0.22	19.47	2.37	0.3249
60	NISHIN	4	f	t	-0.63	3.42	1.98	0.2405
95	ALZOUG	4	c	t	-0.48	8.69	3.16	0.1589
96	GELAC	10	m	t	-0.15	24.62	1.88	0.4542
96	GELAC	25	f	t	0.18	118.10	0.38	0.0476
Subtotal 96					0.12	142.72	2.26	
97	MASJED	7	m	t	0.75	4.84	1.89	0.0989
97	MASJED	8	f	t	0.11	7.34	0.00	0.7727
Subtotal 97					0.36	12.18	1.89	

Relative risks

N	13
NS	11
Wt	319.20
Het Chi	25.25
Het df	12
Het P	*
Fixed RR	1.13
RRl	1.02
RRu	1.27
P	+
Random RR	1.11
RRl	0.92
RRu	1.33
P	N.S.
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
- 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 126
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Excluding Spouse (using ETS from father where no more comprehensive index available) - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Numbers 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)
28	KALAND	7	f 75	92	15	26	1.41	(0.70- 2.86)
30	WU-WIL	7	f182	250	235	352	1.09	(0.85- 1.40)
33	STOCKW	9	f -	-	-	-	1.20	(0.60- 2.30)
41	SUN	9	f -	-	-	-	2.35	(1.56- 3.54)
49	ZARIDZ	11	f 38	73	151	285	0.98	(0.63- 1.52)
55	LEECH	9	f 51	93	217	352	0.89	(0.61- 1.30)
60	NISHIN	3	f 7	28977	17	44950	0.64	(0.26- 1.54)
95	ALZOUG	34	c 18	241	26	195	0.56	(0.30- 1.05)
96	GELAC	3	m111	112	198	193	0.97	(0.70- 1.34)
96	GELAC	17	f449	405	689	763	1.23	(1.04- 1.45)
Subtotal 96							1.17	(1.00- 1.36)
97	MASJED	7	m 9	34	17	136	2.12	(0.87- 5.16)
97	MASJED	8	f 15	30	40	89	1.11	(0.54- 2.29)
Subtotal 97							1.44	(0.82- 2.52)
Partial Totals			994	30374	1656	47437		

*prospective study

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
22	SHIMIZ	3	f	t	0.09	14.17	0.03	0.7309
28	KALAND	7	f	t	0.35	7.73	0.33	0.3363
30	WU-WIL	7	f	t	0.09	60.27	0.17	0.5014
33	STOCKW	9	f	t	0.18	8.51	0.02	0.5948
41	SUN	9	f	t	0.85	22.88	11.70	0.0000
49	ZARIDZ	11	f	t	-0.02	19.94	0.49	0.9371
55	LEECH	9	f	t	-0.12	26.45	1.74	0.5472
60	NISHIN	3	f	t	-0.45	4.96	1.71	0.3181
95	ALZOUG	34	c	t	-0.58	9.68	5.00	0.0714
96	GELAC	3	m	t	-0.03	35.50	1.08	0.8369
96	GELAC	17	f	t	0.21	134.08	0.58	0.0175
Subtotal 96					0.15	169.58	1.65	
97	MASJED	7	m	t	0.75	4.84	1.81	0.0989
97	MASJED	8	f	t	0.11	7.34	0.01	0.7727
Subtotal 97					0.36	12.18	1.81	

Relative risks

N	13
NS	11
Wt	356.35
Het Chi	24.66
Het df	12
Het P	*
Fixed RR	1.15
RRl	1.04
RRu	1.28
P	++
Random RR	1.13
RRl	0.94
RRu	1.34
P	N.S.
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
- 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 127
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Excluding Spouse (using ETS from father where no more comprehensive index available) - both sexes
 By continent - adjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
33	STOCKW	9	f -	-	-	-	1.20 (0.60-	2.30)
95	ALZOUG	4	c -	-	-	-	0.62 (0.32-	1.21)
Partial Totals			0	0	0	0		

*prospective study

Europe			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
28	KALAND	7	f 75	92	15	26	1.41 (0.70-	2.86)
49	ZARIDZ	12	f -	-	-	-	0.91 (0.58-	1.42)
Partial Totals			75	92	15	26		

*prospective study

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
22	SHIMIZ	3	f 39	67	51	96	1.10 (0.65-	1.84)
30	WU-WIL	7	f182	250	235	352	1.09 (0.85-	1.40)
41	SUN	9	f -	-	-	-	2.35 (1.56-	3.54)
55	LEECH	10	f -	-	-	-	0.80 (0.51-	1.24)
60	NISHIN	4	f -	-	-	-	0.53 (0.18-	1.50)
96	GELAC	10	m -	-	-	-	0.86 (0.59-	1.30)
96	GELAC	25	f -	-	-	-	1.20 (0.99-	1.42)
Subtotal 96							1.13 (0.96-	1.33)
97	MASJED	7	m 9	34	17	136	2.12 (0.87-	5.16)
97	MASJED	8	f 15	30	40	89	1.11 (0.54-	2.29)
Subtotal 97							1.44 (0.82-	2.52)
Partial Totals			245	381	343	673		

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	2	2	9		13
NS	2	2	7		11
Wt	17.20	26.90	275.11		319.20
Het Chi	1.87	1.07	20.57		25.25
Het df	1	1	8		12
Het P	N.S.	N.S.	**		*
Fixed RR	0.86	1.03	1.16		1.13
RRl	0.54	0.71	1.03		1.02
RRu	1.38	1.51	1.31		1.27
P	N.S.	N.S.	+		+
Random RR	0.86	1.04	1.15		1.11
RRl	0.45	0.70	0.92		0.92
RRu	1.64	1.54	1.45		1.33
P	N.S.	N.S.	N.S.		N.S.
Asymm P			N.S.		N.S.
Between Chi		0.35	1.49		1.74
Between df		1	1		2
Between P		N.S.	N.S.	N.S.	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
- 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 128
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 17-NOV-15
 Excluding Spouse (using ETS from father where no more comprehensive index available) - both sexes
 By continent - unadjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
33	STOCKW	9	f -	-	-	-	1.20 (0.60-	2.30)
95	ALZOUZ	34	c 18	241	26	195	0.56 (0.30-	1.05)
Partial Totals			18	241	26	195		

*prospective study

Europe			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
28	KALAND	7	f 75	92	15	26	1.41 (0.70-	2.86)
49	ZARIDZ	11	f 38	73	151	285	0.98 (0.63-	1.52)
Totals			113	165	166	311		

*prospective study

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
22	SHIMIZ	3	f 39	67	51	96	1.10 (0.65-	1.84)
30	WU-WIL	7	f182	250	235	352	1.09 (0.85-	1.40)
41	SUN	9	f -	-	-	-	2.35 (1.56-	3.54)
55	LEECH	9	f 51	93	217	352	0.89 (0.61-	1.30)
60	NISHIN	3	f 7	28977	17	44950	0.64 (0.26-	1.54)
96	GELAC	3	m111	112	198	193	0.97 (0.70-	1.34)
96	GELAC	17	f449	405	689	763	1.23 (1.04-	1.45)
Subtotal 96							1.17 (1.00-	1.36)
97	MASJED	7	m 9	34	17	136	2.12 (0.87-	5.16)
97	MASJED	8	f 15	30	40	89	1.11 (0.54-	2.29)
Subtotal 97							1.44 (0.82-	2.52)
Partial Totals			863	29968	1464	46931		

*prospective study

	NAmerica	Europe	Asia	Other	Total
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Relative risks

N	2	2	9		13
NS	2	2	7		11
Wt	18.19	27.67	310.49		356.35
Het Chi	2.63	0.74	18.60		24.66
Het df	1	1	8		12
Het P	N.S.	N.S.	*		*
Fixed RR	0.80	1.09	1.18		1.15
RRl	0.51	0.75	1.06		1.04
RRu	1.27	1.58	1.32		1.28
P	N.S.	N.S.	++		++
Random RR	0.81	1.09	1.18		1.13
RRl	0.39	0.75	0.96		0.94
RRu	1.71	1.58	1.44		1.34
P	N.S.	N.S.	N.S.		N.S.
Asymm P			N.S.		N.S.
Between Chi		1.03	2.60		2.69
Between df		1	1		2
Between P		N.S.	N.S.	N.S.	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
- 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 129
ETS and Lung Cancer - Meta-Analysis of Travel Exposure, 17-NOV-15
 Both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Numbers 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)
39	KABAT2	27	m 9	18	32	99	1.55	(0.63- 3.78)
39	KABAT2	28	f 19	32	50	155	1.84	(0.96- 3.53)
Subtotal 39							1.73	(1.02- 2.93)
47	BOFFET	90	m -	-	-	-	1.39	(0.84- 2.28)
47	BOFFET	92	f -	-	-	-	1.07	(0.79- 1.45)
Subtotal 47							1.15	(0.89- 1.49)
52	RAPITI	28	c -	-	-	-	5.20	(1.90- 14.00)
61	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	
39	KABAT2	27	m	t	0.44	4.81	0.23	0.3388
39	KABAT2	28	f	t	0.61	9.06	1.39	0.0662
Subtotal 39					0.55	13.87	1.62	
47	BOFFET	90	m	t	0.33	15.41	0.19	0.1961
47	BOFFET	92	f	t	0.07	41.66	0.94	0.6623
Subtotal 47					0.14	57.08	1.13	
52	RAPITI	28	c	t	1.65	3.85	7.88	0.0012
61	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.

 Each study presented a single set of results so no selection process was needed.

Table 130
ETS and Lung Cancer - Meta-Analysis of Travel Exposure, 17-NOV-15
 Both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Numbers 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)
39	KABAT2	27	m 9	18	32	99	1.55	(0.63- 3.78)
39	KABAT2	28	f 19	32	50	155	1.84	(0.96- 3.53)
Subtotal 39							1.73	(1.02- 2.93)
47	BOFFET	89	m 36	125	105	406	1.11	(0.73- 1.71)
47	BOFFET	91	f 89	185	420	826	0.95	(0.72- 1.25)
Subtotal 47							0.99	(0.79- 1.25)
52	RAPITI	28	c -	-	-	-	5.20	(1.90- 14.00)
61	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	
39	KABAT2	27	m	t	0.44	4.81	0.51	0.3388
39	KABAT2	28	f	t	0.61	9.06	2.26	0.0662
Subtotal 39					0.55	13.87	2.76	
47	BOFFET	89	m	t	0.11	20.94	0.00	0.6225
47	BOFFET	91	f	t	-0.06	49.42	1.37	0.6970
Subtotal 47					-0.01	70.36	1.37	
52	RAPITI	28	c	t	1.65	3.85	9.11	0.0012
61	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.

 Each study presented a single set of results so no selection process was needed.

Table 131
ETS and Lung Cancer - Meta-Analysis of Travel Exposure, 17-NOV-15
 Both sexes
 By continent - adjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
39	KABAT2	27	m 9	18	32	99	1.55 (0.63-	3.78)
39	KABAT2	28	f 19	32	50	155	1.84 (0.96-	3.53)
Subtotal 39							1.73 (1.02-	2.93)
Totals			28	50	82	254		

*prospective study

Europe			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)
47	BOFFET	90	m -	-	-	-	1.39 (0.84-	2.28)
47	BOFFET	92	f -	-	-	-	1.07 (0.79-	1.45)
Subtotal 47							1.15 (0.89-	1.49)
Partial Totals			5	93	36	339		

*prospective study

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
52	RAPITI	28	c -	-	-	-	5.20 (1.90-	14.00)
61	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.

Each study presented a single set of results so no selection process was needed.

Table 132
ETS and Lung Cancer - Meta-Analysis of Travel Exposure, 17-NOV-15
 Both sexes
 By continent - unadjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
39	KABAT2	27	m 9	18	32	99	1.55 (0.63-	3.78)
39	KABAT2	28	f 19	32	50	155	1.84 (0.96-	3.53)
Subtotal 39							1.73 (1.02-	2.93)
Totals			28	50	82	254		

*prospective study

Europe			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)
47	BOFFET	89	m 36	125	105	406	1.11 (0.73-	1.71)
47	BOFFET	91	f 89	185	420	826	0.95 (0.72-	1.25)
Subtotal 47							0.99 (0.79-	1.25)
Totals			130	403	561	1571		

*prospective study

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
52	RAPITI	28	c -	-	-	-	5.20 (1.90-	14.00)
61	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
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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.	(*)

Each study presented a single set of results so no selection process was needed.

Table 133
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 17-NOV-15
 Both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	Numbers 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								
27	JANERI	9	c -	-	-	-	0.59 (0.43- 0.81)	
36	FONTHA	22	f -	-	-	-	1.50 (1.19- 1.89)	
39	KABAT2	11	m 25	62	16	55	1.39 (0.67- 2.86)	
39	KABAT2	12	f 28	67	41	120	1.22 (0.69- 2.15)	
Subtotal 39								
44	CARDEN	19	m -	-	-	-	0.58 (0.34- 0.99)	
44	CARDEN	20	f -	-	-	-	0.99 (0.62- 1.56)	
Subtotal 44								
47	BOFFET	48	m -	-	-	-	1.24 (0.79- 1.93)	
47	BOFFET	50	f -	-	-	-	0.95 (0.73- 1.24)	
Subtotal 47								
61	OHNO	26	f -	-	-	-	1.25 (0.63- 2.48)	
79	ASOMAN	3	c 99	337	39	129	0.97 (0.64- 1.48)	
97	MASJED	11	m 0	1	26	169	2.13~(0.08- 53.72)	
97	MASJED	12	f 0	3	55	116	0.30~(0.02- 5.91)	
Subtotal 97								
Partial Totals			196	802	237	885	0.74 (0.08- 6.61)	

*prospective study

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								
27	JANERI	9	c	t	-0.53	38.32	12.03	0.0011
36	FONTHA	22	f	t	0.41	71.80	9.98	0.0006
39	KABAT2	11	m	t	0.33	7.31	0.63	0.3774
39	KABAT2	12	f	t	0.20	12.00	0.34	0.4854
Subtotal 39								
44	CARDEN	19	m	t	-0.54	13.45	4.48	0.0457
44	CARDEN	20	f	t	-0.01	18.05	0.03	0.9659
Subtotal 44								
47	BOFFET	48	m	t	0.22	19.26	0.64	0.3452
47	BOFFET	50	f	t	-0.05	54.74	0.39	0.7043
Subtotal 47								
61	OHNO	26	f	t	0.22	8.18	0.30	0.5233
79	ASOMAN	3	c	t	-0.03	21.52	0.08	0.8940
97	MASJED	11	m	t	0.76	0.37	0.19	0.6456
97	MASJED	12	f	t	-1.20	0.43	0.66	0.4283
Subtotal 97								

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 134
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 17-NOV-15
 Both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	Numbers 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)
27	JANERI	9	c -	-	-	-	0.59 (0.43-	0.81)
36	FONTHA	21	f189	297	426	947	1.41 (1.14-	1.75)
39	KABAT2	11	m 25	62	16	55	1.39 (0.67-	2.86)
39	KABAT2	12	f 28	67	41	120	1.22 (0.69-	2.15)
Subtotal 39							1.28 (0.82-	2.00)
44	CARDEN	19	m -	-	-	-	0.58 (0.34-	0.99)
44	CARDEN	20	f -	-	-	-	0.99 (0.62-	1.56)
Subtotal 44							0.79 (0.56-	1.12)
47	BOFFET	47	m 55	204	86	327	1.03 (0.70-	1.50)
47	BOFFET	49	f119	250	390	761	0.93 (0.72-	1.19)
Subtotal 47							0.96 (0.78-	1.18)
61	OHNO	25	f 16	23	172	303	1.23 (0.63-	2.38)
79	ASOMAN	3	c 99	337	39	129	0.97 (0.64-	1.48)
97	MASJED	11	m 0	1	26	169	2.13~(0.08-	53.72)
97	MASJED	12	f 0	3	55	116	0.30~(0.02-	5.91)
Subtotal 97							0.74 (0.08-	6.61)
Partial Totals			575	1576	1311	3223		

*prospective study

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	
27	JANERI	9	c	t	-0.53	38.32	11.15	0.0011
36	FONTHA	21	f	t	0.35	82.91	9.31	0.0016
39	KABAT2	11	m	t	0.33	7.31	0.72	0.3774
39	KABAT2	12	f	t	0.20	12.00	0.43	0.4854
Subtotal 39					0.25	19.31	1.16	
44	CARDEN	19	m	t	-0.54	13.45	4.17	0.0457
44	CARDEN	20	f	t	-0.01	18.05	0.01	0.9659
Subtotal 44					-0.24	31.50	4.17	
47	BOFFET	47	m	t	0.02	26.48	0.00	0.8984
47	BOFFET	49	f	t	-0.07	61.42	0.45	0.5627
Subtotal 47					-0.04	87.90	0.45	
61	OHNO	25	f	t	0.20	8.69	0.32	0.5489
79	ASOMAN	3	c	t	-0.03	21.52	0.04	0.8940
97	MASJED	11	m	t	0.76	0.37	0.20	0.6456
97	MASJED	12	f	t	-1.20	0.43	0.64	0.4283
Subtotal 97					-0.30	0.80	0.84	

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.

 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 135
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 17-NOV-15
 Both sexes
 By continent - adjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
8	GARFI2	11	f 19	43	42	135	1.42 (0.75- 2.70)	
27	JANERI	9	c -	-	-	-	0.59 (0.43- 0.81)	
36	FONTHA	22	f -	-	-	-	1.50 (1.19- 1.89)	
39	KABAT2	11	m 25	62	16	55	1.39 (0.67- 2.86)	
39	KABAT2	12	f 28	67	41	120	1.22 (0.69- 2.15)	
Subtotal 39							1.28 (0.82- 2.00)	
44	CARDEN	19	m -	-	-	-	0.58 (0.34- 0.99)	
44	CARDEN	20	f -	-	-	-	0.99 (0.62- 1.56)	
Subtotal 44							0.79 (0.56- 1.12)	
79	ASOMAN	3	c 99	337	39	129	0.97 (0.64- 1.48)	
Partial Totals			171	509	138	439		

*prospective study

Europe			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)	
47	BOFFET	48	m -	-	-	-	1.24 (0.79- 1.93)	
47	BOFFET	50	f -	-	-	-	0.95 (0.73- 1.24)	
Subtotal 47							1.02 (0.81- 1.28)	
Partial Totals			25	289	18	161		

*prospective study

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
61	OHNO	26	f -	-	-	-	1.25 (0.63- 2.48)	
97	MASJED	11	m 0	1	26	169	2.13~(0.08- 53.72)	
97	MASJED	12	f 0	3	55	116	0.30~(0.02- 5.91)	
Subtotal 97							0.74 (0.08- 6.61)	
Partial Totals			0	4	81	285		

*prospective study

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 136
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 17-NOV-15
 Both sexes
 By continent - unadjusted

NAmerica			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
8	GARFI2	11	f 19	43	42	135	1.42 (0.75- 2.70)	
27	JANERI	9	c -	-	-	-	0.59 (0.43- 0.81)	
36	FONTHA	21	f189	297	426	947	1.41 (1.14- 1.75)	
39	KABAT2	11	m 25	62	16	55	1.39 (0.67- 2.86)	
39	KABAT2	12	f 28	67	41	120	1.22 (0.69- 2.15)	
Subtotal 39							1.28 (0.82- 2.00)	
44	CARDEN	19	m -	-	-	-	0.58 (0.34- 0.99)	
44	CARDEN	20	f -	-	-	-	0.99 (0.62- 1.56)	
Subtotal 44							0.79 (0.56- 1.12)	
79	ASOMAN	3	c 99	337	39	129	0.97 (0.64- 1.48)	
Partial Totals			360	806	564	1386		

*prospective study

Europe			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	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)	
47	BOFFET	47	m 55	204	86	327	1.03 (0.70- 1.50)	
47	BOFFET	49	f119	250	390	761	0.93 (0.72- 1.19)	
Subtotal 47							0.96 (0.78- 1.18)	
Totals			199	743	494	1249		

*prospective study

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
61	OHNO	25	f 16	23	172	303	1.23 (0.63- 2.38)	
97	MASJED	11	m 0	1	26	169	2.13~(0.08- 53.72)	
97	MASJED	12	f 0	3	55	116	0.30~(0.02- 5.91)	
Subtotal 97							0.74 (0.08- 6.61)	
Totals			16	27	253	588		

*prospective study

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 137
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 17-NOV-15
 Both sexes
 Overall analysis - adjusted

Overall		Numbers exposed		Non-exposed		RR	95.00%CI		
StN	Ref	NRR	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)
26	SVENSS	6	f -	-	-	-	1.51	(0.44-	5.17)
36	FONTHA	24	f -	-	-	-	1.25	(0.86-	1.83)
38	DEWAAR	1	f 19	124	4	67	2.57	(0.84-	7.85)
41	SUN	6	f -	-	-	-	1.83	(1.20-	2.80)
42	WANGS	1	f 67	60	15	34	2.53	(1.26-	5.10)
44	CARDEN	14	m -	-	-	-	0.60	(0.40-	1.00)
44	CARDEN	16	f -	-	-	-	0.90	(0.70-	1.20)
Subtotal 44							0.81	(0.64-	1.02)
46	AUVINE	2	m -	-	-	-	0.69	(0.28-	1.74)
47	BOFFET	32	m -	-	-	-	1.13	(0.68-	1.89)
47	BOFFET	34	f -	-	-	-	1.15	(0.86-	1.55)
Subtotal 47							1.14	(0.89-	1.48)
48	SHEN	1	f 56	59	14	11	0.75	(0.31-	1.78)
50	BOFFE2	39	c -	-	-	-	1.20	(0.60-	2.50)
53	SPEIZE	1	f -	-	-	-	1.50	(0.30-	6.30)
55	LEECH	20	f -	-	-	-	1.93	(1.30-	2.87)
56	MALATS	10	c -	-	-	-	1.20	(0.60-	2.30)
58	JOHNSO	6	f -	-	-	-	1.44	(0.70-	2.98)
59	LAGARD	7	c 77	67	10	12	1.38	(0.56-	3.39)
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	m -	-	-	-	3.19	(1.08-	9.39)
70	GORLOV	12	f -	-	-	-	1.63	(0.87-	3.05)
Subtotal 70							1.93	(1.12-	3.32)
73	WEN	16	f -	-	-	-	1.03	(0.57-	1.87)
74	YU	1	f -	-	-	-	1.35	(0.70-	2.63)
78	LOPEZC	1	c 35	141	1	4	0.99	(0.11-	9.16)
80	GALLEG	1	c 30	90	2	48	8.00	(1.83-	34.92)
83	YANG	2	c -	-	-	-	2.00	(1.30-	3.00)
85	TSE	74	m -	-	-	-	1.06	(0.67-	1.68)
86	LIANG	3	f 176	202	50	77	1.34	(0.89-	2.02)
87	BRENNE	19	c 128	378	23	68	1.00	(0.60-	1.67)
88	JIANG	1	c -	-	-	-	2.27	(1.23-	4.18)
91	HE	2	m -	-	-	-	1.86	(0.45-	7.73)
91	HE	4	f -	-	-	-	2.07	(0.23-	18.34)
Subtotal 91							1.92	(0.58-	6.33)
93	LIN	7	f -	-	-	-	2.50	(1.66-	3.77)
95	ALZOUG	25	c -	-	-	-	1.00	(0.52-	1.91)
96	GELAC	8	m -	-	-	-	1.04	(0.73-	1.50)
96	GELAC	23	f -	-	-	-	1.39	(1.17-	1.67)
Subtotal 96							1.31	(1.12-	1.54)
97	MASJED	2	m -	-	-	-	1.70	(0.70-	4.30)
97	MASJED	4	f -	-	-	-	1.40	(0.70-	2.90)
Subtotal 97							1.51	(0.86-	2.64)
98	REN	2	f -	-	-	-	1.20	(0.99-	1.46)
100	WHIOS	1	f -	-	-	-	0.88	(0.52-	1.49)
101	ILCCO	6	c -	-	-	-	1.31	(1.17-	1.47)
Partial Totals			694	1539	172	559			

*prospective study

 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 137
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 17-NOV-15
 Both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
8	GARFI2	8	f	t	0.11	21.84	0.46	0.5966
9	LAMW	2	f	t	0.92	9.98	4.36	0.0037
12	LEE	9	m	t	1.24	0.86	0.84	0.2484
12	LEE	10	f	t	-0.78	3.07	3.33	0.1703
Subtotal 12					-0.34	3.93	4.17	
13	BROWN1	2	f	a	0.52	1.86	0.13	0.4791
16	KOO	10	f	t	0.58	6.38	0.64	0.1452
26	SVENSS	6	f	t	0.41	2.53	0.06	0.5120
36	FONTHA	24	f	t	0.22	26.95	0.03	0.2467
38	DEWAAR	1	f	t	0.94	3.07	1.43	0.0986
41	SUN	6	f	t	0.60	21.40	2.55	0.0052
42	WANGS	1	f	t	0.93	7.83	3.51	0.0093
44	CARDEN	14	m	t	-0.51	18.30	10.85	0.0289
44	CARDEN	16	f	t	-0.11	52.89	7.03	0.4435
Subtotal 44					-0.21	71.19	17.88	
46	AUVINE	2	m	t	-0.37	4.60	1.83	0.4259
47	BOFFET	32	m	t	0.12	14.70	0.28	0.6393
47	BOFFET	34	f	t	0.14	44.28	0.63	0.3524
Subtotal 47					0.14	58.98	0.91	
48	SHEN	1	f	a	-0.29	5.07	1.55	0.5088
50	BOFFE2	39	c	a	0.18	7.54	0.04	0.6165
53	SPEIZE	1	f	t	0.41	1.66	0.04	0.6016
55	LEECH	20	f	t	0.66	24.50	3.89	0.0011
56	MALATS	10	c	t	0.18	8.51	0.05	0.5948
58	JOHNSO	6	f	t	0.36	7.32	0.08	0.3238
59	LAGARD	7	c	t	0.32	4.73	0.02	0.4843
64	ZATLOU	6	f	g	-0.73	5.67	5.59	0.0806
67	EPICA	1	c	t	0.05	12.48	0.55	0.8632
68	FANG	2	f	t	0.57	15.25	1.48	0.0258
70	GORLOV	11	m	t	1.16	3.29	2.66	0.0356
70	GORLOV	12	f	t	0.49	9.72	0.50	0.1302
Subtotal 70					0.66	13.00	3.16	
73	WEN	16	f	t	0.03	10.89	0.57	0.9223
74	YU	1	f	t	0.30	8.70	0.01	0.3760
78	LOPEZC	1	c	t	-0.01	0.78	0.06	0.9950
80	GALLEG	1	c	t	2.08	1.77	5.86	0.0057
83	YANG	2	c	t	0.69	21.97	4.14	0.0012
85	TSE	74	m	t	0.06	18.18	0.73	0.8038
86	LIANG	3	f	t	0.29	22.93	0.03	0.1592
87	BRENNE	19	c	t	0.00	14.57	0.97	0.9965
88	JIANG	1	c	t	0.82	10.29	3.22	0.0086
91	HE	2	m	t	0.62	1.90	0.25	0.3923
91	HE	4	f	t	0.73	0.80	0.18	0.5148
Subtotal 91					0.65	2.70	0.42	
93	LIN	7	f	t	0.92	22.79	9.88	0.0000
95	ALZOUG	25	c	t	0.00	9.08	0.61	1.0000
96	GELAC	8	m	t	0.04	29.63	1.43	0.8310
96	GELAC	23	f	t	0.33	121.37	0.60	0.0003
Subtotal 96					0.27	150.99	2.03	
97	MASJED	2	m	t	0.53	4.66	0.34	0.2519
97	MASJED	4	f	t	0.34	7.61	0.05	0.3534
Subtotal 97					0.41	12.27	0.39	
98	REN	2	f	t	0.18	101.81	0.60	0.0658
100	WHIOS	1	f	t	-0.13	13.87	2.08	0.6341
101	ILCCO	6	c	t	0.27	294.92	0.04	0.0000

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Table 137
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 17-NOV-15
 Both sexes
 Overall analysis - adjusted

Relative risks

	N	48
	NS	41
	Wt	1064.80
Het	Chi	86.05
Het	df	47
Het	P	***
Fixed	RR	1.30
	RRl	1.22
	RRu	1.38
	P	+++
Random	RR	1.31
	RRl	1.19
	RRu	1.45
	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 138
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 17-NOV-15
 Both sexes
 Overall analysis - unadjusted

Overall		Numbers exposed		Non-exposed		RR	95.00%CI		
StN	Ref	NRR	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)
26	SVENSS	2	f 27	139	7	35	0.97	(0.39-	2.41)
36	FONTHA	23	f528	1115	48	118	1.16	(0.82-	1.65)
38	DEWAAR	1	f 19	124	4	67	2.57	(0.84-	7.85)
41	SUN	6	f -	-	-	-	1.83	(1.20-	2.80)
42	WANGS	1	f 67	60	15	34	2.53	(1.26-	5.10)
44	CARDEN	13	m 42	449918	74	336614	0.42	(0.29-	0.62)
44	CARDEN	15	f 71	900309	175	1119778	0.50	(0.38-	0.66)
Subtotal 44							0.48	(0.38-	0.59)
46	AUVINE	1	m 17	81	27	148	1.15	(0.59-	2.24)
47	BOFFET	31	m107	390	34	141	1.14	(0.74-	1.75)
47	BOFFET	33	f420	811	88	198	1.17	(0.88-	1.54)
Subtotal 47							1.16	(0.92-	1.46)
48	SHEN	1	f 56	59	14	11	0.75	(0.31-	1.78)
50	BOFFE2	38	c 50	126	20	52	1.03	(0.56-	1.90)
53	SPEIZE	1	f -	-	-	-	1.50	(0.30-	6.30)
55	LEECH	19	f189	249	79	196	1.88	(1.36-	2.60)
56	MALATS	5	c 90	84	32	37	1.24	(0.71-	2.17)
58	JOHNSO	5	f 61	626	10	135	1.32	(0.66-	2.63)
59	LAGARD	7	c 77	67	10	12	1.38	(0.56-	3.39)
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	19	m 55	34	8	16	3.24	(1.25-	8.37)
70	GORLOV	20	f101	92	29	45	1.70	(0.99-	2.94)
Subtotal 70							2.00	(1.24-	3.21)
73	WEN	16	f -	-	-	-	1.03	(0.57-	1.87)
74	YU	8	f183	246	30	46	1.14	(0.69-	1.88)
78	LOPEZC	1	c 35	141	1	4	0.99	(0.11-	9.16)
80	GALLEG	1	c 30	90	2	48	8.00	(1.83-	34.92)
83	YANG	9	c198	173	99	135	1.56	(1.12-	2.17)
85	TSE	65	m 90	353	42	183	1.11	(0.74-	1.67)
86	LIANG	3	f176	202	50	77	1.34	(0.89-	2.02)
87	BRENNE	19	c128	378	23	68	1.00	(0.60-	1.67)
88	JIANG	8	m 23	10	24	37	3.55	(1.44-	8.75)
88	JIANG	9	f 67	48	31	50	2.25	(1.26-	4.03)
Subtotal 88							2.57	(1.58-	4.19)
91	HE	1	m 7	271	3	168	1.45	(0.38-	5.52)
91	HE	3	f 5	340	1	131	1.93	(0.23-	16.33)
Subtotal 91							1.57	(0.50-	4.88)
93	LIN	1	f135	92	91	177	2.85	(1.98-	4.12)
95	ALZOUG	55	c 26	263	18	173	0.95	(0.51-	1.79)
96	GELAC	1	m222	220	97	99	1.03	(0.74-	1.44)
96	GELAC	15	f895	798	326	423	1.46	(1.22-	1.73)
Subtotal 96							1.35	(1.16-	1.58)
97	MASJED	1	m 9	43	17	127	1.56	(0.65-	3.77)
97	MASJED	3	f 29	51	26	68	1.49	(0.78-	2.83)
Subtotal 97							1.51	(0.90-	2.54)
98	REN	1	f551	684	213	299	1.13	(0.92-	1.39)
100	WHIOS	1	f -	-	-	-	0.88	(0.52-	1.49)
101	ILCCO	1	1817	4890	651	2167	1.24	(1.12-	1.37)
Partial Totals			6786	1364254	2586	1463169			

*prospective study

 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 138
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 17-NOV-15
 Both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	Ys	Ws	Qs	Ps
8	GARFI2	8	f	t	0.11	21.84	0.25	0.5966
9	LAMW	2	f	t	0.92	9.98	4.88	0.0037
12	LEE	9	m	t	1.24	0.86	0.90	0.2484
12	LEE	10	f	t	-0.78	3.07	3.09	0.1703
Subtotal 12					-0.34	3.93	3.99	
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
26	SVENSS	2	f	t	-0.03	4.64	0.29	0.9499
36	FONTHA	23	f	t	0.15	31.15	0.15	0.3963
38	DEWAAR	1	f	t	0.94	3.07	1.60	0.0986
41	SUN	6	f	t	0.60	21.40	3.14	0.0052
42	WANGS	1	f	t	0.93	7.83	3.92	0.0093
44	CARDEN	13	m	t	-0.86	26.80	31.12	0.0000
44	CARDEN	15	f	t	-0.68	50.51	41.38	0.0000
Subtotal 44					-0.74	77.31	72.50	
46	AUVINE	1	m	t	0.14	8.70	0.06	0.6794
47	BOFFET	31	m	t	0.13	20.66	0.17	0.5574
47	BOFFET	33	f	t	0.15	49.93	0.23	0.2799
Subtotal 47					0.15	70.58	0.41	
48	SHEN	1	f	a	-0.29	5.07	1.34	0.5088
50	BOFFE2	38	c	a	0.03	10.29	0.37	0.9201
53	SPEIZE	1	f	t	0.41	1.66	0.06	0.6016
55	LEECH	19	f	t	0.63	36.94	6.27	0.0001
56	MALATS	5	c	t	0.21	12.30	0.00	0.4525
58	JOHNSO	5	f	t	0.27	7.97	0.02	0.4387
59	LAGARD	7	c	t	0.32	4.73	0.05	0.4843
64	ZATLOU	3	f	g	-0.84	6.11	6.92	0.0372
67	EPICA	1	c	t	0.05	12.48	0.37	0.8632
68	FANG	1	f	t	1.01	22.75	14.08	0.0000
70	GORLOV	19	m	t	1.17	4.25	3.86	0.0155
70	GORLOV	20	f	t	0.53	12.91	1.25	0.0556
Subtotal 70					0.69	17.16	5.12	
73	WEN	16	f	t	0.03	10.89	0.40	0.9223
74	YU	8	f	t	0.13	15.48	0.12	0.6046
78	LOPEZC	1	c	t	-0.01	0.78	0.04	0.9950
80	GALLEG	1	c	t	2.08	1.77	6.11	0.0057
83	YANG	9	c	t	0.45	35.29	1.77	0.0082
85	TSE	65	m	t	0.11	23.14	0.31	0.6130
86	LIANG	3	f	t	0.29	22.93	0.12	0.1592
87	BRENNE	19	c	t	0.00	14.57	0.70	0.9965
88	JIANG	8	m	t	1.27	4.71	5.14	0.0060
88	JIANG	9	f	t	0.81	11.36	3.96	0.0062
Subtotal 88					0.94	16.07	9.10	
91	HE	1	m	t	0.37	2.14	0.05	0.5889
91	HE	3	f	t	0.66	0.84	0.16	0.5477
Subtotal 91					0.45	2.98	0.21	
93	LIN	1	f	t	1.05	28.64	19.62	0.0000
95	ALZOUG	55	c	t	-0.05	9.65	0.72	0.8738
96	GELAC	1	m	t	0.03	33.94	1.25	0.8637
96	GELAC	15	f	t	0.38	128.17	3.04	0.0000
Subtotal 96					0.30	162.12	4.29	
97	MASJED	1	m	t	0.45	4.97	0.25	0.3188
97	MASJED	3	f	t	0.40	9.32	0.29	0.2256
Subtotal 97					0.41	14.30	0.54	
98	REN	1	f	t	0.12	88.37	0.85	0.2479
100	WHIOS	1	f	t	-0.13	13.87	1.69	0.6341
101	ILCCO	1	c	t	0.21	363.32	0.03	0.0001

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

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- 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 138
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 17-NOV-15
 Both sexes
 Overall analysis - unadjusted

Relative risks

	N	49
	NS	41
	Wt	1234.55
Het	Chi	172.49
Het	df	48
Het	P	***
Fixed	RR	1.25
	RRl	1.18
	RRu	1.32
	P	+++
Random	RR	1.29
	RRl	1.14
	RRu	1.47
	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

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Table 139
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 17-NOV-15
 Both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	Numbers 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)	
36	FONTHA	24	f -	-	-	-	1.25 (0.86- 1.83)	
44	CARDEN	14	m -	-	-	-	0.60 (0.40- 1.00)	
44	CARDEN	16	f -	-	-	-	0.90 (0.70- 1.20)	
Subtotal 44							0.81 (0.64- 1.02)	
53	SPEIZE	1	f -	-	-	-	1.50 (0.30- 6.30)	
58	JOHNSO	6	f -	-	-	-	1.44 (0.70- 2.98)	
70	GORLOV	11	m -	-	-	-	3.19 (1.08- 9.39)	
70	GORLOV	12	f -	-	-	-	1.63 (0.87- 3.05)	
Subtotal 70							1.93 (1.12- 3.32)	
80	GALLEG	1	c 30	90	2	48	8.00 (1.83- 34.92)	
83	YANG	2	c -	-	-	-	2.00 (1.30- 3.00)	
87	BRENNE	19	c128	378	23	68	1.00 (0.60- 1.67)	
95	ALZOUG	25	c -	-	-	-	1.00 (0.52- 1.91)	
100	WHIOS	1	f -	-	-	-	0.88 (0.52- 1.49)	
Partial Totals			250	734	67	252		

*prospective study

Europe

StN	Ref	NRR	Numbers 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)	
26	SVENSS	6	f -	-	-	-	1.51 (0.44- 5.17)	
38	DEWAAR	1	f 19	124	4	67	2.57 (0.84- 7.85)	
46	AUVINE	2	m -	-	-	-	0.69 (0.28- 1.74)	
47	BOFFET	32	m -	-	-	-	1.13 (0.68- 1.89)	
47	BOFFET	34	f -	-	-	-	1.15 (0.86- 1.55)	
Subtotal 47							1.14 (0.89- 1.48)	
50	BOFFE2	39	c -	-	-	-	1.20 (0.60- 2.50)	
56	MALATS	10	c -	-	-	-	1.20 (0.60- 2.30)	
59	LAGARD	7	c 77	67	10	12	1.38 (0.56- 3.39)	
64	ZATLOU	6	f -	-	-	-	0.48 (0.21- 1.09)	
67	EPICA	1	c -	-	-	-	1.05 (0.60- 1.82)	
78	LOPEZC	1	c 35	141	1	4	0.99 (0.11- 9.16)	
Partial Totals			145	484	26	185		

*prospective study

Asia

StN	Ref	NRR	Numbers 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)	
41	SUN	6	f -	-	-	-	1.83 (1.20- 2.80)	
42	WANGS	1	f 67	60	15	34	2.53 (1.26- 5.10)	
48	SHEN	1	f 56	59	14	11	0.75 (0.31- 1.78)	
55	LEECH	20	f -	-	-	-	1.93 (1.30- 2.87)	
68	FANG	2	f -	-	-	-	1.77 (1.07- 2.92)	
73	WEN	16	f -	-	-	-	1.03 (0.57- 1.87)	
74	YU	1	f -	-	-	-	1.35 (0.70- 2.63)	
85	TSE	74	m -	-	-	-	1.06 (0.67- 1.68)	
86	LIANG	3	f176	202	50	77	1.34 (0.89- 2.02)	
88	JIANG	1	c -	-	-	-	2.27 (1.23- 4.18)	
91	HE	2	m -	-	-	-	1.86 (0.45- 7.73)	
91	HE	4	f -	-	-	-	2.07 (0.23- 18.34)	
Subtotal 91							1.92 (0.58- 6.33)	
93	LIN	7	f -	-	-	-	2.50 (1.66- 3.77)	
96	GELAC	8	m -	-	-	-	1.04 (0.73- 1.50)	
96	GELAC	23	f -	-	-	-	1.39 (1.17- 1.67)	
Subtotal 96							1.31 (1.12- 1.54)	
97	MASJED	2	m -	-	-	-	1.70 (0.70- 4.30)	
97	MASJED	4	f -	-	-	-	1.40 (0.70- 2.90)	
Subtotal 97							1.51 (0.86- 2.64)	
98	REN	2	f -	-	-	-	1.20 (0.99- 1.46)	
Partial Totals			299	321	79	122		

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

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- 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 139
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 17-NOV-15
 Both sexes
 By continent - adjusted

Asia			Numbers	exposed	Non-exposed		
StN	Ref	NRR	Case	Cont	Case	Cont	RR
*prospective study							95.00%CI
Other			Numbers	exposed	Non-exposed		
StN	Ref	NRR	Case	Cont	Case	Cont	RR
101	ILCCO	6	c -	-	-	-	1.31 (1.17- 1.47)
Partial Totals			0	0	0	0	
*prospective study							
			NAmerica	Europe	Asia	Other	Total
Relative risks							
	N		14	13	20	1	48
	NS		12	11	17	1	41
	Wt		205.08	112.83	451.97	294.92	1064.80
	Het Chi		31.17	11.35	31.23	0.00	86.05
	Het df		13	12	19	0	47
	Het P		**	N.S.	*	N.S.	***
Fixed	RR		1.12	1.09	1.43	1.31	1.30
	RRl		0.98	0.91	1.31	1.17	1.22
	RRu		1.29	1.31	1.57	1.47	1.38
	P		N.S.	N.S.	+++	+++	+++
Random	RR		1.22	1.09	1.51	1.31	1.31
	RRl		0.96	0.91	1.31	1.17	1.19
	RRu		1.55	1.31	1.74	1.47	1.45
	P		N.S.	N.S.	+++	+++	+++
Asymm	P		(*)	N.S.	N.S.	N.S.	N.S.
Between	Chi			0.06	8.52	2.91	12.31
Between	df			1	1	1	3
Between	P			N.S.	++	(+)	**

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

Table 140
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 17-NOV-15
 Both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	Numbers 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)
36	FONTHA	23	f528	1115	48	118	1.16	(0.82-	1.65)
44	CARDEN	13	m 42	449918	74	336614	0.42	(0.29-	0.62)
44	CARDEN	15	f 71	900309	175	1119778	0.50	(0.38-	0.66)
Subtotal 44							0.48	(0.38-	0.59)
53	SPEIZE	1	f -	-	-	-	1.50	(0.30-	6.30)
58	JOHNSO	5	f 61	626	10	135	1.32	(0.66-	2.63)
70	GORLOV	19	m 55	34	8	16	3.24	(1.25-	8.37)
70	GORLOV	20	f101	92	29	45	1.70	(0.99-	2.94)
Subtotal 70							2.00	(1.24-	3.21)
80	GALLEG	1	c 30	90	2	48	8.00	(1.83-	34.92)
83	YANG	9	c198	173	99	135	1.56	(1.12-	2.17)
87	BRENNE	19	c128	378	23	68	1.00	(0.60-	1.67)
95	ALZOUG	55	c 26	263	18	173	0.95	(0.51-	1.79)
100	WHIOS	1	f -	-	-	-	0.88	(0.52-	1.49)
Partial Totals			1336	1353271	543	1457306			

*prospective study

Europe

StN	Ref	NRR	Numbers 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)
26	SVENSS	2	f 27	139	7	35	0.97	(0.39-	2.41)
38	DEWAAR	1	f 19	124	4	67	2.57	(0.84-	7.85)
46	AUVINE	1	m 17	81	27	148	1.15	(0.59-	2.24)
47	BOFFET	31	m107	390	34	141	1.14	(0.74-	1.75)
47	BOFFET	33	f420	811	88	198	1.17	(0.88-	1.54)
Subtotal 47							1.16	(0.92-	1.46)
50	BOFFE2	38	c 50	126	20	52	1.03	(0.56-	1.90)
56	MALATS	5	c 90	84	32	37	1.24	(0.71-	2.17)
59	LAGARD	7	c 77	67	10	12	1.38	(0.56-	3.39)
64	ZATLOU	3	f 7	155	77	734	0.43	(0.19-	0.95)
67	EPICA	1	c -	-	-	-	1.05	(0.60-	1.82)
78	LOPEZC	1	c 35	141	1	4	0.99	(0.11-	9.16)
Partial Totals			863	2270	311	1530			

*prospective study

Asia

StN	Ref	NRR	Numbers 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)
41	SUN	6	f -	-	-	-	1.83	(1.20-	2.80)
42	WANGS	1	f 67	60	15	34	2.53	(1.26-	5.10)
48	SHEN	1	f 56	59	14	11	0.75	(0.31-	1.78)
55	LEECH	19	f189	249	79	196	1.88	(1.36-	2.60)
68	FANG	1	f -	-	-	-	2.74	(1.82-	4.14)
73	WEN	16	f -	-	-	-	1.03	(0.57-	1.87)
74	YU	8	f183	246	30	46	1.14	(0.69-	1.88)
85	TSE	65	m 90	353	42	183	1.11	(0.74-	1.67)
86	LIANG	3	f176	202	50	77	1.34	(0.89-	2.02)
88	JIANG	8	m 23	10	24	37	3.55	(1.44-	8.75)
88	JIANG	9	f 67	48	31	50	2.25	(1.26-	4.03)
Subtotal 88							2.57	(1.58-	4.19)
91	HE	1	m 7	271	3	168	1.45	(0.38-	5.52)
91	HE	3	f 5	340	1	131	1.93	(0.23-	16.33)
Subtotal 91							1.57	(0.50-	4.88)
93	LIN	1	f135	92	91	177	2.85	(1.98-	4.12)
96	GELAC	1	m222	220	97	99	1.03	(0.74-	1.44)
96	GELAC	15	f895	798	326	423	1.46	(1.22-	1.73)
Subtotal 96							1.35	(1.16-	1.58)
97	MASJED	1	m 9	43	17	127	1.56	(0.65-	3.77)
97	MASJED	3	f 29	51	26	68	1.49	(0.78-	2.83)
Subtotal 97							1.51	(0.90-	2.54)

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Table 140
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 17-NOV-15
 Both sexes
 By continent - unadjusted

Asia			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
98	REN	1	551	684	213	299	1.13	(0.92- 1.39)
Partial Totals			2770	3823	1081	2166		

Other			Numbers exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	Case	Cont	Case	Cont		
101	ILCCO	1	1817	4890	651	2167	1.24	(1.12- 1.37)
Totals			1817	4890	651	2167		

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	14	13	21	1	49
	NS	12	11	17	1	41
	Wt	234.30	137.62	499.32	363.32	1234.55
	Het Chi	68.63	11.86	52.98	0.00	172.49
	Het df	13	12	20	0	48
	Het P	***	N.S.	***	N.S.	***
Fixed	RR	0.93	1.10	1.49	1.24	1.25
	RRl	0.82	0.93	1.37	1.12	1.18
	RRu	1.05	1.30	1.63	1.37	1.32
	P	N.S.	N.S.	+++	+++	+++
Random	RR	1.14	1.10	1.58	1.24	1.29
	RRl	0.82	0.93	1.34	1.12	1.14
	RRu	1.58	1.30	1.87	1.37	1.47
	P	N.S.	N.S.	+++	+++	+++
Asymm	P	(*)	N.S.	N.S.		N.S.
Between	Chi		2.46	36.18	11.78	39.02
Between	df		1	1	1	3
Between	P		N.S.	+++	+++	***

 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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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.