

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

For each table, the output shows, for each individual estimate selected for the meta-analysis, 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 over page).

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

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

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

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

Tables 55-58 give results for spouse ETS exposure (specifically) for females, Tables 59-62 for spouse ETS exposure (specifically) for males, and Tables 63-66 for spouse ETS exposure (specifically) for both sexes.

The remaining tables are for both sexes. The next tables give results for spouse ETS exposure (or nearest equivalent) for two of the main histological types (or nearest equivalent), with Tables 67-70 for Squamous, and Tables 71-74 for Adenocarcinoma.

Tables 75-78 give information for workplace ETS exposure (using data for workers only, if available).

The next tables give information on childhood ETS exposure:

79-82.	For the most comprehensive index available, choosing mother if no more comprehensive available
83-86.	For mother specifically
87-90.	For father specifically
91-94.	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:

95-98.	For most comprehensive index available, choosing mother if no more comprehensive available
99-102.	For most comprehensive index available, choosing father if no more comprehensive available
103-106.	For mother specifically
107-110.	For father specifically
111-114.	Excluding parents and spouse, otherwise most comprehensive index available
115-118.	Excluding spouse, otherwise most comprehensive index available, choosing mother if no more comprehensive available
119-122.	Excluding spouse, otherwise most comprehensive index available, choosing father if no more comprehensive available

Tables 123-126 give information on travel ETS exposure, Tables 127-130 give information on social ETS exposure (repeated as Tables A 127 - A 130 with study Janerich excluded), and Tables 131-134 give information on total ETS exposure (repeated as Tables A 131 - A 134 with Alternative result for study Vineis).

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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.

"Adjusted" implies that covariate adjusted estimates are chosen if available with unadjusted estimates used otherwise. Where the source publication provides more than one adjusted estimate, the data chosen are those adjusted for most covariates. "Unadjusted" implies that covariate unadjusted estimates are used if available with adjusted estimates used otherwise.

In all tables, estimates originally given for males and females separately are chosen if available in preference to a combined estimate. (In those studies where only a combined sex estimate was originally available for spouse (or nearest equivalent) exposure, then separate sex estimates have been constructed if possible and are used in all sex-specific analyses). In all tables, except those for specific histological types (Tables 67-74) estimates relating to all lung cancer types (or the most comprehensive group available) are used. The other variables used in selecting the estimates, and their values for each estimate chosen, are shown in the output and explained in fuller detail in the footnotes to that table. For each estimate, the table also shows:

StN	The study reference number as used in the database from which the output is produced
Ref	The study 6-letter reference on the database
NRR	The number of the estimate within that study on the database
SEX	The sex of the estimate, m = male, f = female or c = combined
ADJ	The number of adjustment factors (excluding sex) in the estimate

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

For Tables 1, 2, 26, 27, 30, 31, 55, 56, 59, 60 etc, which are not subdivided by 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 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 estimated, together with corresponding confidence limits and probability value
AsymmP	= the publication bias probability value based on Egger's test

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

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

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

This document is available at [www.pnlee.co.uk](http://www.pnlee.co.uk), download LEE2005E. The results are also summarized in the following documents: download LEE2005.pdf (which includes references to the individual studies), LEE2005B and LEE2005C.

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Table 1  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93- 2.76)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89- 1.91)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76- 6.56)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87- 3.09)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48- 8.56)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77- 8.85)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22- 16.12)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)
26	JANERI	3	f	s	e	-	3	-	-	-	-	0.75	( 0.47- 1.20)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78- 1.63)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60- 0.90)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30- 1.96)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80- 1.20)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80- 3.00)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64- 1.85)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77- 3.87)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04- 1.60)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30- 1.13)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60- 1.94)
39	SCHWAR	6	f	h	e	a	2	-	-	-	-	1.10	( 0.72- 1.68)
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16	( 0.80- 1.69)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26- 5.10)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67- 1.84)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80- 1.60)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52	( 1.09- 5.85)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88- 1.39)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75	( 0.31- 1.78)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06- 2.21)
49	BOFFE2	14	f	s	a	-	2	-	-	-	-	1.00	( 0.50- 1.90)
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72	( 0.93- 3.18)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20	( 0.50- 2.90)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10	( 0.80- 1.50)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87	( 1.29- 2.71)
55	MALATS	9	f	s	e	-	2	-	-	-	-	1.50	( 0.77- 2.91)
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03	( 0.60- 1.70)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20	( 0.62- 2.30)
58	LAGARD	4	f	h	a	a	6	-	-	-	-	1.15	( 0.84- 1.58)
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80	( 0.67- 4.60)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00	( 0.67- 1.49)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66- 1.33)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80	( 0.50- 1.30)

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 1  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 (	0.94- 2.04)
*67	VINEIS	17	f	t	c	-	7	-	-	-	-	1.05 (	0.55- 2.02)
Partial Totals								1052	98252	597	83926		

\*prospective study

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Ys	Ws	Qs	Ps
*1	GARFI1	1	f	s	c	-	0	0.16	37.42	0.00	0.3420
2	CHAN	1	f	s	e	-	0	-0.28	12.78	2.47	0.3086
3	CORREA	2	f	s	e	-	0	0.73	4.41	1.43	0.1276
4	TRICHO	1	f	s	y	-	0	0.73	12.77	4.22	0.0091
5	BUFFLE	2	f	h	e	a	0	-0.22	5.19	0.72	0.6209
*6	HIRAYA	8	f	s	e	-	1	0.37	30.26	1.42	0.0410
7	KABAT1	4	f	s	e	-	0	-0.24	2.99	0.46	0.6802
8	GARFI2	3	f	s	e	-	0	0.21	22.25	0.07	0.3229
9	LAMW	1	f	s	e	-	0	0.70	10.14	2.99	0.0261
10	WU	3	f	s	m	-	1	0.18	4.31	0.00	0.7049
11	AKIBA	4	f	s	e	-	5	0.41	12.99	0.81	0.1440
12	LEE	6	f	s	m	-	1	0.00	3.88	0.09	1.0000
13	BROWN1	2	f	t	e	-	3	0.52	1.86	0.25	0.4791
14	GAO	8	f	s	m	-	2	0.27	26.20	0.32	0.1741
15	HUMBL1	4	f	s	e	-	2	0.79	3.31	1.33	0.1516
16	KOO	3	f	s	m	-	4	0.49	9.57	1.10	0.1260
17	LAMT	1	f	s	m	-	0	0.50	30.63	3.64	0.0057
18	PERSHA	2	f	s	m	-	2	0.18	12.73	0.01	0.5153
*19	BUTLER	2	f	s	m	-	1	0.70	1.85	0.56	0.3388
20	GENG	1	f	s	e	-	0	0.77	8.13	3.06	0.0285
21	INOUE	2	f	s	e	-	1	0.81	2.58	1.11	0.1930
22	SHIMIZ	2	f	s	m	-	0	0.08	14.20	0.08	0.7646
23	CHOI	2	f	s	e	-	0	0.49	11.99	1.32	0.0916
*24	HOLE	2	f	h	e	b	0	0.64	0.84	0.19	0.5613
25	SVENSS	5	f	t	a	-	1	0.31	4.33	0.10	0.5225
26	JANERI	3	f	s	e	-	3	-0.29	17.49	3.43	0.2289
27	KALAND	3	f	s	m	-	4	0.75	8.82	3.09	0.0266
28	SOBUE	2	f	s	a	-	2	0.12	28.29	0.03	0.5157
29	WU-WIL	4	f	s	e	-	3	-0.36	93.46	24.48	0.0006
30	LIUZ	2	f	h	c	a	3	-0.26	4.36	0.76	0.5852
31	BROWN2	4	f	s	a	-	2	0.00	93.46	2.25	1.0000
32	STOCKW	3	f	s	e	-	3	0.47	8.80	0.87	0.1634
33	DU	1	f	s	e	-	0	0.09	13.61	0.06	0.7506
34	LIUQ	2	f	s	e	-	3	0.54	5.89	0.88	0.1880
35	FONTHA	6	f	s	a	-	8	0.25	82.80	0.82	0.0205
36	LAYARD	4	f	s	e	-	2	-0.54	8.74	4.28	0.1074
37	DEWAAR	1	f	t	c	-	0	0.94	3.07	1.90	0.0986
38	KABAT2	6	f	s	a	-	3	0.08	11.16	0.07	0.7971
39	SCHWAR	6	f	h	e	a	2	0.10	21.40	0.08	0.6593
40	SUN	2	f	s	m	-	2	0.15	27.47	0.00	0.4366
41	WANGS	1	f	t	e	-	0	0.93	7.83	4.69	0.0093
42	WANGT	2	f	s	m	-	0	0.10	14.90	0.04	0.6978
*43	CARDEN	10	f	s	m	-	8	0.18	31.98	0.02	0.3025
44	ZHENG	2	f	h	e	a	0	0.93	5.43	3.22	0.0310
46	BOFFET	9	f	s	e	-	2	0.10	73.53	0.19	0.3709
47	SHEN	1	f	t	y	-	0	-0.29	5.07	1.02	0.5088
48	ZARIDZ	4	f	s	e	-	2	0.43	28.46	2.08	0.0233
49	BOFFE2	14	f	s	a	-	2	0.00	8.62	0.21	1.0000
*50	JEE	4	f	s	e	-	5	0.54	10.17	1.52	0.0838
51	RAPITI	2	f	s	e	-	3	0.18	4.97	0.00	0.6843
*52	SPEIZE	1	f	t	a	-	1	0.41	1.66	0.10	0.6016
53	ZHONG	2	f	s	e	-	7	0.10	38.89	0.14	0.5523
54	LEECH	8	f	s	a	-	7	0.63	27.89	6.18	0.0009
55	MALATS	9	f	s	e	-	2	0.41	8.69	0.54	0.2319
56	WANGL	36	f	h	a	a	5	0.03	14.17	0.22	0.9114
57	JOHNSO	8	f	h	e	a	4	0.18	8.94	0.01	0.5856

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 1  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Ys	Ws	Qs	Ps
58	LAGARD	4	f	h	a	a	6	0.14	38.50	0.01	0.3859
*59	NISHIN	2	f	s	c	-	7	0.59	4.14	0.77	0.2317
60	OHNO	6	f	s	e	-	2	0.00	24.05	0.58	1.0000
62	SEOW	1	f	h	e	a	0	0.26	34.66	0.35	0.1317
*63	ENSTRO	12	f	s	e	-	8	-0.06	31.30	1.47	0.7292
64	ZATLOU	6	f	t	a	-	3	-0.73	5.67	4.48	0.0806
65	IARCKR	2	f	s	a	-	2	-0.22	16.83	2.41	0.3600
66	MCGHEE	2	f	h	p	a	2	0.32	25.59	0.71	0.1032
*67	VINEIS	17	f	t	c	-	7	0.05	9.08	0.10	0.8831

Relative risks

	N	65
	NS	65
	Wt	1197.45
Het	Chi	101.85
Het	df	64
Het	P	**
Fixed	RR	1.17
	RRl	1.10
	RRu	1.24
	P	+++
Random	RR	1.22
	RRl	1.12
	RRu	1.32
	P	+++
Asymm	P	**

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 2  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
*6	HIRAYA	7	f	s	e	-	0	163	69645	37	21895	1.38	( 0.97- 1.98)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
10	WU	2	f	s	m	-	0	19	33	9	22	1.41	( 0.54- 3.67)
11	AKIBA	3	f	s	e	-	0	73	188	21	82	1.52	( 0.87- 2.63)
12	LEE	5	f	s	m	-	0	22	45	10	21	1.03	( 0.41- 2.55)
13	BROWN1	1	f	t	e	-	0	4	7	15	40	1.52	( 0.39- 5.96)
14	GAO	4	f	s	m	-	0	189	276	57	99	1.19	( 0.82- 1.73)
15	HUMBL1	3	f	s	e	-	0	15	91	5	71	2.34	( 0.81- 6.75)
16	KOO	2	f	s	m	-	0	51	66	35	70	1.55	( 0.90- 2.67)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
18	PERSHA	1	f	s	m	-	0	37	153	33	141	1.03	( 0.61- 1.74)
*19	BUTLER	1	f	s	m	-	0	3	10579	5	43052	2.44	( 0.58- 10.22)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	1	f	s	e	-	0	18	30	4	17	2.55	( 0.74- 8.78)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22- 16.12)
25	SVENSS	1	f	t	a	-	0	24	114	10	60	1.26	( 0.57- 2.81)
26	JANERI	3	f	s	e	-	3	-	-	-	-	0.75	( 0.47- 1.20)
27	KALAND	2	f	s	m	-	0	64	70	26	46	1.62	( 0.90- 2.91)
28	SOBUE	1	f	s	a	-	0	80	395	64	336	1.06	( 0.74- 1.52)
29	WU-WIL	3	f	s	e	-	0	205	331	212	271	0.79	( 0.62- 1.02)
30	LIUZ	1	f	h	c	a	0	45	176	9	26	0.74	( 0.32- 1.69)
31	BROWN2	3	f	s	a	-	0	218	598	213	568	0.97	( 0.78- 1.21)
32	STOCKW	2	f	s	e	-	0	44	55	18	36	1.60	( 0.80- 3.19)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64- 1.85)
34	LIUQ	1	f	s	e	-	0	25	37	13	32	1.66	( 0.73- 3.78)
35	FONTHA	5	f	s	a	-	0	433	766	218	487	1.26	( 1.04- 1.54)
36	LAYARD	3	f	s	e	-	0	15	961	24	969	0.63	( 0.33- 1.21)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
38	KABAT2	5	f	s	a	-	0	41	102	26	71	1.10	( 0.62- 1.96)
39	SCHWAR	5	f	h	e	a	0	-	-	-	-	1.18	( 0.77- 1.81)
40	SUN	11	f	s	m	-	0	144	136	86	94	1.16	( 0.80- 1.68)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26- 5.10)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67- 1.84)
*43	CARDEN	9	f	s	m	-	0	96	114286	54	77948	1.21	( 0.87- 1.69)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52	( 1.09- 5.85)
46	BOFFET	8	f	s	e	-	0	321	632	187	376	1.02	( 0.82- 1.27)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75	( 0.31- 1.78)
48	ZARIDZ	3	f	s	e	-	0	109	163	80	195	1.63	( 1.14- 2.33)
49	BOFFE2	13	f	s	a	-	0	33	69	33	68	0.99	( 0.55- 1.77)
*50	JEE	3	f	s	e	-	1	67	-	12	-	1.80	( 0.98- 3.30)
51	RAPITI	1	f	s	e	-	0	13	21	28	46	1.02	( 0.44- 2.35)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)
53	ZHONG	1	f	s	e	-	0	322	377	182	224	1.05	( 0.82- 1.34)
54	LEECH	7	f	s	a	-	0	186	253	82	192	1.72	( 1.25- 2.37)
55	MALATS	2	f	s	e	-	0	-	-	-	-	1.70	( 0.95- 3.05)
56	WANGL	35	f	h	a	a	0	169	337	31	70	1.13	( 0.71- 1.80)
57	JOHNSO	7	f	h	e	a	0	54	543	17	218	1.28	( 0.72- 2.25)
58	LAGARD	3	f	h	a	a	0	-	-	-	-	1.15	( 0.86- 1.54)
*59	NISHIN	1	f	s	c	-	0	11	30566	13	43361	1.20	( 0.54- 2.68)
60	OHNO	5	f	s	e	-	0	139	239	52	90	1.01	( 0.67- 1.50)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)
*63	ENSTRO	9	f	s	e	-	1	-	-	-	-	0.99	( 0.72- 1.37)
64	ZATLOU	3	f	t	a	-	0	7	155	77	734	0.43	( 0.19- 0.95)
65	IARCKR	1	f	s	a	-	0	-	-	-	-	0.90	( 0.60- 1.40)

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 2  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
66	MCGHEE	6	f	h	p	a	0	96	150	83	195	1.50	( 1.05- 2.16)
*67	VINEIS	15	f	t	c	-	0	-	-	-	-	1.03	( 0.65- 1.63)
Partial Totals								4607	330897	2678	276149		

\*prospective study

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Ys	Ws	Qs	Ps
*1	GARFI1	1	f	s	c	-	0	0.16	37.42	0.00	0.3420
2	CHAN	1	f	s	e	-	0	-0.28	12.78	2.60	0.3086
3	CORREA	2	f	s	e	-	0	0.73	4.41	1.38	0.1276
4	TRICHO	1	f	s	y	-	0	0.73	12.77	4.06	0.0091
5	BUFFLE	2	f	h	e	a	0	-0.22	5.19	0.76	0.6209
*6	HIRAYA	7	f	s	e	-	0	0.33	30.21	0.77	0.0734
7	KABAT1	4	f	s	e	-	0	-0.24	2.99	0.49	0.6802
8	GARFI2	3	f	s	e	-	0	0.21	22.25	0.04	0.3229
9	LAMW	1	f	s	e	-	0	0.70	10.14	2.88	0.0261
10	WU	2	f	s	m	-	0	0.34	4.18	0.13	0.4850
11	AKIBA	3	f	s	e	-	0	0.42	12.69	0.80	0.1382
12	LEE	5	f	s	m	-	0	0.03	4.64	0.09	0.9548
13	BROWN1	1	f	t	e	-	0	0.42	2.06	0.13	0.5451
14	GAO	4	f	s	m	-	0	0.17	27.35	0.00	0.3644
15	HUMBL1	3	f	s	e	-	0	0.85	3.43	1.61	0.1154
16	KOO	2	f	s	m	-	0	0.44	12.88	0.94	0.1182
17	LAMT	1	f	s	m	-	0	0.50	30.63	3.41	0.0057
18	PERSHA	1	f	s	m	-	0	0.03	14.09	0.25	0.9022
*19	BUTLER	1	f	s	m	-	0	0.89	1.88	0.99	0.2215
20	GENG	1	f	s	e	-	0	0.77	8.13	2.95	0.0285
21	INOUE	1	f	s	e	-	0	0.94	2.51	1.49	0.1377
22	SHIMIZ	2	f	s	m	-	0	0.08	14.20	0.11	0.7646
23	CHOI	2	f	s	e	-	0	0.49	11.99	1.24	0.0916
*24	HOLE	2	f	h	e	b	0	0.64	0.84	0.18	0.5613
25	SVENSS	1	f	t	a	-	0	0.23	5.98	0.03	0.5677
26	JANERI	3	f	s	e	-	3	-0.29	17.49	3.60	0.2289
27	KALAND	2	f	s	m	-	0	0.48	11.10	1.10	0.1091
28	SOBUE	1	f	s	a	-	0	0.06	29.73	0.32	0.7379
29	WU-WIL	3	f	s	e	-	0	-0.23	61.33	9.78	0.0674
30	LIUZ	1	f	h	c	a	0	-0.30	5.63	1.24	0.4721
31	BROWN2	3	f	s	a	-	0	-0.03	78.65	2.96	0.8021
32	STOCKW	2	f	s	e	-	0	0.47	8.05	0.74	0.1824
33	DU	1	f	s	e	-	0	0.09	13.61	0.09	0.7506
34	LIUQ	1	f	s	e	-	0	0.51	5.71	0.67	0.2242
35	FONTHA	5	f	s	a	-	0	0.23	97.51	0.44	0.0212
36	LAYARD	3	f	s	e	-	0	-0.46	9.06	3.57	0.1647
37	DEWAAR	1	f	t	c	-	0	0.94	3.07	1.85	0.0986
38	KABAT2	5	f	s	a	-	0	0.09	11.53	0.06	0.7517
39	SCHWAR	5	f	h	e	a	0	0.17	21.03	0.00	0.4478
40	SUN	11	f	s	m	-	0	0.15	27.35	0.01	0.4448
41	WANGS	1	f	t	e	-	0	0.93	7.83	4.56	0.0093
42	WANGT	2	f	s	m	-	0	0.10	14.90	0.06	0.6978
*43	CARDEN	9	f	s	m	-	0	0.19	34.59	0.02	0.2571
44	ZHENG	2	f	h	e	a	0	0.93	5.43	3.13	0.0310
46	BOFFET	8	f	s	e	-	0	0.02	78.71	1.65	0.8520
47	SHEN	1	f	t	y	-	0	-0.29	5.07	1.07	0.5088
48	ZARIDZ	3	f	s	e	-	0	0.49	30.36	3.16	0.0071
49	BOFFE2	13	f	s	a	-	0	-0.01	11.14	0.36	0.9611
*50	JEE	3	f	s	e	-	1	0.59	10.42	1.86	0.0577
51	RAPITI	1	f	s	e	-	0	0.02	5.49	0.12	0.9685
*52	SPEIZE	1	f	t	a	-	1	0.41	1.66	0.10	0.6016
53	ZHONG	1	f	s	e	-	0	0.05	63.63	0.86	0.6903
54	LEECH	7	f	s	a	-	0	0.54	37.41	5.32	0.0009
55	MALATS	2	f	s	e	-	0	0.53	11.29	1.50	0.0745
56	WANGL	35	f	h	a	a	0	0.12	18.04	0.03	0.5975
57	JOHNSO	7	f	h	e	a	0	0.24	11.94	0.07	0.4008

Within each study, results are included (in the following order of preference) for:

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- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 2  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Ys	Ws	Qs	Ps
58	LAGARD	3	f	h	a	a	0	0.14	45.27	0.03	0.3470
*59	NISHIN	1	f	s	c	-	0	0.18	5.96	0.00	0.6557
60	OHNO	5	f	s	e	-	0	0.01	23.97	0.61	0.9743
62	SEOW	1	f	h	e	a	0	0.26	34.66	0.28	0.1317
*63	ENSTRO	9	f	s	e	-	1	-0.01	37.13	1.15	0.9512
64	ZATLOU	3	f	t	a	-	0	-0.84	6.11	6.22	0.0372
65	IARCKR	1	f	s	a	-	0	-0.11	21.40	1.57	0.6259
66	MCGHEE	6	f	h	p	a	0	0.41	29.19	1.71	0.0276
*67	VINEIS	15	f	t	c	-	0	0.03	18.18	0.34	0.8997

Relative risks

	N	65
	NS	65
	Wt	1266.27
Het	Chi	89.57
Het	df	64
Het	P	*
Fixed	RR	1.18
	RR1	1.12
	RRu	1.25
	P	+++
Random	RR	1.20
	RR1	1.12
	RRu	1.29
	P	+++
Asymm	P	*

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 Within each study, results are included (in the following order of preference) for:

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- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)



Table 3  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76- 6.56)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48- 8.56)
26	JANERI	3	f	s	e	-	3	-	-	-	-	0.75	( 0.47- 1.20)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80- 1.20)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80- 3.00)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04- 1.60)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30- 1.13)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60- 1.94)
39	SCHWAR	6	f	h	e	a	2	-	-	-	-	1.10	( 0.72- 1.68)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80- 1.60)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20	( 0.62- 2.30)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66- 1.33)
Partial Totals								239	95374	135	82121		
*prospective study													

Europe

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22- 16.12)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88- 1.39)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06- 2.21)
49	BOFFE2	14	f	s	a	-	2	-	-	-	-	1.00	( 0.50- 1.90)
55	MALATS	9	f	s	e	-	2	-	-	-	-	1.50	( 0.77- 2.91)
58	LAGARD	4	f	h	a	a	6	-	-	-	-	1.15	( 0.84- 1.58)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80	( 0.50- 1.30)
*67	VINEIS	17	f	t	c	-	7	-	-	-	-	1.05	( 0.55- 2.02)
Partial Totals								77	1535	29	665		
*prospective study													

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Table 3  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By continent - adjusted

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75 ( 0.43- 1.30)	
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45 ( 1.02- 2.08)	
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01 ( 1.09- 3.72)	
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50 ( 0.93- 2.76)	
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30 ( 0.89- 1.91)	
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64 ( 0.87- 3.09)	
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65 ( 1.16- 2.35)	
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16 ( 1.08- 4.29)	
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25 ( 0.77- 8.85)	
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08 ( 0.64- 1.82)	
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63 ( 0.92- 2.87)	
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13 ( 0.78- 1.63)	
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70 ( 0.60- 0.90)	
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77 ( 0.30- 1.96)	
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 ( 0.64- 1.85)	
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72 ( 0.77- 3.87)	
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 ( 0.80- 1.69)	
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26- 5.10)	
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 ( 0.67- 1.84)	
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09- 5.85)	
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31- 1.78)	
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 ( 0.93- 3.18)	
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 ( 0.50- 2.90)	
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 ( 0.80- 1.50)	
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 ( 1.29- 2.71)	
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 ( 0.60- 1.70)	
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 ( 0.67- 4.60)	
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 ( 0.67- 1.49)	
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 ( 0.93- 1.80)	
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94- 2.04)	
Partial Totals								736	1343	433	1140		

\*prospective study

Relative risks	NAmerica	Europe	Asia	Other	Total
N	20	15	30		65
NS	20	15	30		65
Wt	401.32	235.81	560.32		1197.45
Het Chi	17.20	19.38	63.73		101.85
Het df	19	14	29		64
Het P	N.S.	N.S.	***		**
Fixed RR	1.11	1.21	1.19		1.17
RRl	1.01	1.06	1.10		1.10
RRu	1.22	1.37	1.30		1.24
P	+	++	+++		+++
Random RR	1.11	1.23	1.30		1.22
RRl	1.01	1.04	1.14		1.12
RRu	1.22	1.45	1.48		1.32
P	+	+	+++		+++
Asymm P	N.S.	N.S.	**		**
Between Chi		1.02	1.24		1.55
Between df		1	1		2
Between P		N.S.	N.S.	N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 4  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
10	WU	2	f	s	m	-	0	19	33	9	22	1.41	( 0.54- 3.67)
13	BROWN1	1	f	t	e	-	0	4	7	15	40	1.52	( 0.39- 5.96)
15	HUMBL1	3	f	s	e	-	0	15	91	5	71	2.34	( 0.81- 6.75)
*19	BUTLER	1	f	s	m	-	0	3	10579	5	43052	2.44	( 0.58- 10.22)
26	JANERI	3	f	s	e	-	3	-	-	-	-	0.75	( 0.47- 1.20)
31	BROWN2	3	f	s	a	-	0	218	598	213	568	0.97	( 0.78- 1.21)
32	STOCKW	2	f	s	e	-	0	44	55	18	36	1.60	( 0.80- 3.19)
35	FONTHA	5	f	s	a	-	0	433	766	218	487	1.26	( 1.04- 1.54)
36	LAYARD	3	f	s	e	-	0	15	961	24	969	0.63	( 0.33- 1.21)
38	KABAT2	5	f	s	a	-	0	41	102	26	71	1.10	( 0.62- 1.96)
39	SCHWAR	5	f	h	e	a	0	-	-	-	-	1.18	( 0.77- 1.81)
*43	CARDEN	9	f	s	m	-	0	96	114286	54	77948	1.21	( 0.87- 1.69)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)
57	JOHNSO	7	f	h	e	a	0	54	543	17	218	1.28	( 0.72- 2.25)
*63	ENSTRO	9	f	s	e	-	1	-	-	-	-	0.99	( 0.72- 1.37)
Partial Totals								1181	223395	739	205603		
*prospective study													

Europe

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
12	LEE	5	f	s	m	-	0	22	45	10	21	1.03	( 0.41- 2.55)
18	PERSHA	1	f	s	m	-	0	37	153	33	141	1.03	( 0.61- 1.74)
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22- 16.12)
25	SVENSS	1	f	t	a	-	0	24	114	10	60	1.26	( 0.57- 2.81)
27	KALAND	2	f	s	m	-	0	64	70	26	46	1.62	( 0.90- 2.91)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
46	BOFFET	8	f	s	e	-	0	321	632	187	376	1.02	( 0.82- 1.27)
48	ZARIDZ	3	f	s	e	-	0	109	163	80	195	1.63	( 1.14- 2.33)
49	BOFFE2	13	f	s	a	-	0	33	69	33	68	0.99	( 0.55- 1.77)
55	MALATS	2	f	s	e	-	0	-	-	-	-	1.70	( 0.95- 3.05)
58	LAGARD	3	f	h	a	a	0	-	-	-	-	1.15	( 0.86- 1.54)
64	ZATLOU	3	f	t	a	-	0	7	155	77	734	0.43	( 0.19- 0.95)
65	IARCKR	1	f	s	a	-	0	-	-	-	-	0.90	( 0.60- 1.40)
*67	VINEIS	15	f	t	c	-	0	-	-	-	-	1.03	( 0.65- 1.63)
Partial Totals								694	2936	485	2306		
*prospective study													

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 Within each study, results are included (in the following order of preference) for:

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Table 4  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By continent - unadjusted

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75 (	0.43- 1.30)
*6	HIRAYA	7	f	s	e	-	0	163	69645	37	21895	1.38 (	0.97- 1.98)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01 (	1.09- 3.72)
11	AKIBA	3	f	s	e	-	0	73	188	21	82	1.52 (	0.87- 2.63)
14	GAO	4	f	s	m	-	0	189	276	57	99	1.19 (	0.82- 1.73)
16	KOO	2	f	s	m	-	0	51	66	35	70	1.55 (	0.90- 2.67)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65 (	1.16- 2.35)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16 (	1.08- 4.29)
21	INOUE	1	f	s	e	-	0	18	30	4	17	2.55 (	0.74- 8.78)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08 (	0.64- 1.82)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63 (	0.92- 2.87)
28	SOBUE	1	f	s	a	-	0	80	395	64	336	1.06 (	0.74- 1.52)
29	WU-WIL	3	f	s	e	-	0	205	331	212	271	0.79 (	0.62- 1.02)
30	LIUZ	1	f	h	c	a	0	45	176	9	26	0.74 (	0.32- 1.69)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 (	0.64- 1.85)
34	LIUQ	1	f	s	e	-	0	25	37	13	32	1.66 (	0.73- 3.78)
40	SUN	11	f	s	m	-	0	144	136	86	94	1.16 (	0.80- 1.68)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 (	1.26- 5.10)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 (	0.67- 1.84)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 (	1.09- 5.85)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 (	0.31- 1.78)
*50	JEE	3	f	s	e	-	1	67	-	12	-	1.80 (	0.98- 3.30)
51	RAPITI	1	f	s	e	-	0	13	21	28	46	1.02 (	0.44- 2.35)
53	ZHONG	1	f	s	e	-	0	322	377	182	224	1.05 (	0.82- 1.34)
54	LEECH	7	f	s	a	-	0	186	253	82	192	1.72 (	1.25- 2.37)
56	WANGL	35	f	h	a	a	0	169	337	31	70	1.13 (	0.71- 1.80)
*59	NISHIN	1	f	s	c	-	0	11	30566	13	43361	1.20 (	0.54- 2.68)
60	OHNO	5	f	s	e	-	0	139	239	52	90	1.01 (	0.67- 1.50)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 (	0.93- 1.80)
66	MCGHEE	6	f	h	p	a	0	96	150	83	195	1.50 (	1.05- 2.16)
Partial Totals								2732	104566	1454	68240		

\*prospective study

Relative risks	NAmerica	Europe	Asia	Other	Total
N	20	15	30		65
NS	20	15	30		65
Wt	412.43	274.96	578.89		1266.27
Het Chi	17.27	22.36	47.92		89.57
Het df	19	14	29		64
Het P	N.S.	(*)	*		*
Fixed RR	1.12	1.16	1.23		1.18
RRl	1.02	1.03	1.13		1.12
RRu	1.24	1.31	1.33		1.25
P	+	+	+++		+++
Random RR	1.12	1.19	1.27		1.20
RRl	1.02	1.01	1.14		1.12
RRu	1.24	1.41	1.42		1.29
P	+	+	+++		+++
Asymm P	N.S.	N.S.	(*)		*
Between Chi		0.20	1.96		2.03
Between df		1	1		2
Between P		N.S.	N.S.	N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 5  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By country within Asia - adjusted

Japan

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45 ( 1.02- 2.08)	
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50 ( 0.93- 2.76)	
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25 ( 0.77- 8.85)	
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08 ( 0.64- 1.82)	
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13 ( 0.78- 1.63)	
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 ( 0.67- 4.60)	
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 ( 0.67- 1.49)	
Partial Totals								52	91	38	72		

\*prospective study

HongKong

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75 ( 0.43- 1.30)	
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01 ( 1.09- 3.72)	
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64 ( 0.87- 3.09)	
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65 ( 1.16- 2.35)	
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94- 2.04)	
Partial Totals								186	282	157	336		

\*prospective study

China

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30 ( 0.89- 1.91)	
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16 ( 1.08- 4.29)	
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70 ( 0.60- 0.90)	
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77 ( 0.30- 1.96)	
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 ( 0.64- 1.85)	
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72 ( 0.77- 3.87)	
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 ( 0.80- 1.69)	
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26- 5.10)	
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 ( 0.67- 1.84)	
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09- 5.85)	
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31- 1.78)	
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 ( 0.80- 1.50)	
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 ( 0.60- 1.70)	
Partial Totals								358	582	127	294		

\*prospective study

Other

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63 ( 0.92- 2.87)	
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 ( 0.93- 3.18)	
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 ( 0.50- 2.90)	
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 ( 1.29- 2.71)	
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 ( 0.93- 1.80)	
Partial Totals								140	388	111	438		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:

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- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 5  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By country within Asia - adjusted

	Japan	HongKong	China	Other	Total
Relative risks					
N	7	5	13	5	30
NS	7	5	13	5	30
Wt	116.50	88.71	265.42	89.68	560.32
Het Chi	4.32	7.28	33.58	2.59	63.73
Het df	6	4	12	4	29
Het P	N.S.	N.S.	***	N.S.	***
Fixed RR	1.25	1.43	1.01	1.54	1.19
RRl	1.04	1.16	0.90	1.25	1.10
RRu	1.49	1.76	1.14	1.89	1.30
P	+	+++	N.S.	+++	+++
Random RR	1.25	1.41	1.20	1.54	1.30
RRl	1.04	1.05	0.95	1.25	1.14
RRu	1.49	1.90	1.51	1.89	1.48
P	+	+	N.S.	+++	+++
Asymm P	N.S.	N.S.	*	N.S.	**
Between Chi		0.96	3.45	2.24	15.95
Between df		1	1	1	3
Between P		N.S.	(-)	N.S.	**

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 6  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By region within Europe - adjusted

Western

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22- 16.12)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88- 1.39)
58	LAGARD	4	f	h	a	a	6	-	-	-	-	1.15	( 0.84- 1.58)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80	( 0.50- 1.30)
*67	VINEIS	17	f	t	c	-	7	-	-	-	-	1.05	( 0.55- 2.02)
Partial Totals								24	1419	5	556		

\*prospective study

Other

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06- 2.21)
49	BOFFE2	14	f	s	a	-	2	-	-	-	-	1.00	( 0.50- 1.90)
55	MALATS	9	f	s	e	-	2	-	-	-	-	1.50	( 0.77- 2.91)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
Partial Totals								53	116	24	109		

\*prospective study

		Western	Other	Total
Relative risks				
	N	9	6	15
	NS	9	6	15
	Wt	162.77	73.03	235.81
	Het Chi	4.57	11.09	19.38
	Het df	8	5	14
	Het P	N.S.	*	N.S.
Fixed	RR	1.11	1.45	1.21
	RRl	0.95	1.16	1.06
	RRu	1.29	1.83	1.37
	P	N.S.	++	++
Random	RR	1.11	1.38	1.23
	RRl	0.95	0.96	1.04
	RRu	1.29	1.99	1.45
	P	N.S.	(+)	+
Asymm	P	N.S.	N.S.	N.S.
Between	Chi		3.72	3.72
Between	df		1	1
Between	P		(+)	(*)

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 7  
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By publication year (2 groups) - adjusted

1981-89

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93- 2.76)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89- 1.91)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76- 6.56)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87- 3.09)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48- 8.56)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77- 8.85)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22- 16.12)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)
Partial Totals								618	97287	401	83255		

\*prospective study

1990-

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
26	JANERI	3	f	s	e	-	3	-	-	-	-	0.75	( 0.47- 1.20)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78- 1.63)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60- 0.90)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30- 1.96)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80- 1.20)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80- 3.00)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64- 1.85)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77- 3.87)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04- 1.60)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30- 1.13)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60- 1.94)
39	SCHWAR	6	f	h	e	a	2	-	-	-	-	1.10	( 0.72- 1.68)
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16	( 0.80- 1.69)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26- 5.10)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67- 1.84)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80- 1.60)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52	( 1.09- 5.85)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88- 1.39)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75	( 0.31- 1.78)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06- 2.21)
49	BOFFE2	14	f	s	a	-	2	-	-	-	-	1.00	( 0.50- 1.90)
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72	( 0.93- 3.18)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20	( 0.50- 2.90)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10	( 0.80- 1.50)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87	( 1.29- 2.71)
55	MALATS	9	f	s	e	-	2	-	-	-	-	1.50	( 0.77- 2.91)
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03	( 0.60- 1.70)

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)



Table 7  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By publication year (2 groups) - adjusted

1990-													
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20	( 0.62- 2.30)
58	LAGARD	4	f	h	a	a	6	-	-	-	-	1.15	( 0.84- 1.58)
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80	( 0.67- 4.60)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00	( 0.67- 1.49)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66- 1.33)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80	( 0.50- 1.30)
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38	( 0.94- 2.04)
*67	VINEIS	17	f	t	c	-	7	-	-	-	-	1.05	( 0.55- 2.02)
Partial Totals								434	965	196	671		
*prospective study													

Relative risks		1981-89	1990-	Total
	N	25	40	65
	NS	25	40	65
	Wt	287.59	909.85	1197.45
	Het Chi	19.53	71.50	101.85
	Het df	24	39	64
	Het P	N.S.	**	**
Fixed	RR	1.38	1.11	1.17
	RR1	1.23	1.04	1.10
	RRu	1.55	1.18	1.24
	P	+++	++	+++
Random	RR	1.38	1.15	1.22
	RR1	1.23	1.04	1.12
	RRu	1.55	1.27	1.32
	P	+++	++	+++
Asymm	P	N.S.	(*)	**
Between	Chi		10.83	10.83
Between	df		1	1
Between	P		--	**

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 8  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By publication year (5 groups) - adjusted

1981-86

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93- 2.76)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
Partial Totals								363	95620	232	82383		

\*prospective study

1987-89

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89- 1.91)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76- 6.56)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87- 3.09)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48- 8.56)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77- 8.85)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22- 16.12)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)
Partial Totals								255	1667	169	872		

\*prospective study

1990-94

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
26	JANERI	3	f	s	e	-	3	-	-	-	-	0.75	( 0.47- 1.20)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78- 1.63)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60- 0.90)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30- 1.96)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80- 1.20)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80- 3.00)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64- 1.85)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77- 3.87)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04- 1.60)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30- 1.13)
Partial Totals								47	154	28	100		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 8  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By publication year (5 groups) - adjusted

1995-98

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57 ( 0.84- 7.85)	
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08 ( 0.60- 1.94)	
39	SCHWAR	6	f	h	e	a	2	-	-	-	-	1.10 ( 0.72- 1.68)	
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 ( 0.80- 1.69)	
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26- 5.10)	
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 ( 0.67- 1.84)	
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20 ( 0.80- 1.60)	
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09- 5.85)	
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11 ( 0.88- 1.39)	
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31- 1.78)	
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53 ( 1.06- 2.21)	
Partial Totals								296	511	83	209		

\*prospective study

1999-

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
49	BOFFE2	14	f	s	a	-	2	-	-	-	-	1.00 ( 0.50- 1.90)	
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 ( 0.93- 3.18)	
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 ( 0.50- 2.90)	
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50 ( 0.30- 6.30)	
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 ( 0.80- 1.50)	
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 ( 1.29- 2.71)	
55	MALATS	9	f	s	e	-	2	-	-	-	-	1.50 ( 0.77- 2.91)	
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 ( 0.60- 1.70)	
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 ( 0.62- 2.30)	
58	LAGARD	4	f	h	a	a	6	-	-	-	-	1.15 ( 0.84- 1.58)	
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 ( 0.67- 4.60)	
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 ( 0.67- 1.49)	
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 ( 0.93- 1.80)	
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94 ( 0.66- 1.33)	
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48 ( 0.21- 1.09)	
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 ( 0.50- 1.30)	
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94- 2.04)	
*67	VINEIS	17	f	t	c	-	7	-	-	-	-	1.05 ( 0.55- 2.02)	
Partial Totals								91	300	85	362		

\*prospective study

Relative risks		1981-86	1987-89	1990-94	1995-98	1999-	Total
N		12	13	11	11	18	65
NS		12	13	11	11	18	65
Wt		159.38	128.21	365.72	230.32	313.81	1197.45
Het Chi		12.85	5.33	30.66	12.68	19.83	101.85
Het df		11	12	10	10	17	64
Het P		N.S.	N.S.	***	N.S.	N.S.	**
Fixed RR		1.30	1.49	0.99	1.23	1.17	1.17
RRl		1.11	1.26	0.89	1.08	1.05	1.10
RRu		1.52	1.77	1.09	1.40	1.31	1.24
P		+++	+++	N.S.	++	++	+++
Random RR		1.30	1.49	1.04	1.25	1.17	1.22
RRl		1.09	1.26	0.84	1.07	1.03	1.12
RRu		1.55	1.77	1.28	1.47	1.32	1.32
P		++	+++	N.S.	++	+	+++
Asymm P		N.S.	N.S.	N.S.	N.S.	N.S.	**
Between Chi			1.35	8.43	0.29	1.18	20.51
Between df			1	1	1	1	4

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 8  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By publication year (5 groups) - adjusted

		1981-86	1987-89	1990-94	1995-98	1999-	Total
Relative risks	Between		N.S.	--	N.S.	N.S.	***
	P						

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 9  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By number of female lung cancer cases (grouped) - adjusted

1-49

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76- 6.56)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48- 8.56)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77- 8.85)
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22- 16.12)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77- 3.87)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30- 1.13)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20	( 0.50- 2.90)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80	( 0.67- 4.60)
Partial Totals								71	1644	21	660		
*prospective study													

50-99

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93- 2.76)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87- 3.09)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30- 1.96)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64- 1.85)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60- 1.94)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26- 5.10)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52	( 1.09- 5.85)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75	( 0.31- 1.78)
49	BOFFE2	14	f	s	a	-	2	-	-	-	-	1.00	( 0.50- 1.90)
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72	( 0.93- 3.18)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20	( 0.62- 2.30)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
*67	VINEIS	17	f	t	c	-	7	-	-	-	-	1.05	( 0.55- 2.02)
Partial Totals								504	933	256	668		
*prospective study													

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 9  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female

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

100-199

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
26	JANERI	3	f	s	e	-	3	-	-	-	-	0.75	( 0.47- 1.20)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78- 1.63)
39	SCHWAR	6	f	h	e	a	2	-	-	-	-	1.10	( 0.72- 1.68)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67- 1.84)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06- 2.21)
55	MALATS	9	f	s	e	-	2	-	-	-	-	1.50	( 0.77- 2.91)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00	( 0.67- 1.49)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66- 1.33)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80	( 0.50- 1.30)
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38	( 0.94- 2.04)
Partial Totals								362	95523	236	82415		

\*prospective study

200-399

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89- 1.91)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80- 3.00)
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16	( 0.80- 1.69)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80- 1.60)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87	( 1.29- 2.71)
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03	( 0.60- 1.70)
58	LAGARD	4	f	h	a	a	6	-	-	-	-	1.15	( 0.84- 1.58)
Partial Totals								115	152	84	183		

\*prospective study

400+

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60- 0.90)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80- 1.20)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04- 1.60)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88- 1.39)
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10	( 0.80- 1.50)
Partial Totals								0	0	0	0		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 9  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female

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

		1-49	50-99	100-199	200-399	400+	Total
Relative risks							
	N	16	22	13	9	5	65
	NS	16	22	13	9	5	65
	Wt	61.02	207.03	311.35	235.90	382.15	1197.45
	Het Chi	12.79	32.19	11.55	7.72	18.41	101.85
	Het df	15	21	12	8	4	64
	Het P	N.S.	(*)	N.S.	N.S.	**	**
Fixed	RR	1.32	1.33	1.14	1.35	1.00	1.17
	RRl	1.03	1.16	1.02	1.19	0.90	1.10
	RRu	1.70	1.53	1.27	1.53	1.10	1.24
	P	+	+++	+	+++	N.S.	+++
Random	RR	1.32	1.33	1.14	1.35	1.01	1.22
	RRl	1.03	1.12	1.02	1.19	0.82	1.12
	RRu	1.70	1.57	1.27	1.53	1.26	1.32
	P	+	++	+	+++	N.S.	+++
Asymm	P	*	N.S.	N.S.	N.S.	N.S.	**
Between	Chi		0.00	1.18	0.02	4.17	19.19
Between	df		1	1	1	1	4
Between	P		N.S.	N.S.	N.S.	-	***

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 10  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By number of male+female lung cancer cases (grouped) - adjusted

1-49

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76- 6.56)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48- 8.56)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77- 8.85)
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22- 16.12)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77- 3.87)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80	( 0.67- 4.60)
Partial Totals								38	1480	13	628		
*prospective study													

50-99

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87- 3.09)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30- 1.96)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64- 1.85)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30- 1.13)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26- 5.10)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52	( 1.09- 5.85)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75	( 0.31- 1.78)
49	BOFFE2	14	f	s	a	-	2	-	-	-	-	1.00	( 0.50- 1.90)
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72	( 0.93- 3.18)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20	( 0.50- 2.90)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20	( 0.62- 2.30)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
*67	VINEIS	17	f	t	c	-	7	-	-	-	-	1.05	( 0.55- 2.02)
Partial Totals								537	1097	264	700		
*prospective study													

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)



Table 10  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By number of male+female lung cancer cases (grouped) - adjusted

100-199

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93- 2.76)
26	JANERI	3	f	s	e	-	3	-	-	-	-	0.75	( 0.47- 1.20)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78- 1.63)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60- 1.94)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67- 1.84)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06- 2.21)
55	MALATS	9	f	s	e	-	2	-	-	-	-	1.50	( 0.77- 2.91)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00	( 0.67- 1.49)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80	( 0.50- 1.30)
Partial Totals								362	95523	236	82415		

\*prospective study

200-399

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89- 1.91)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80- 3.00)
39	SCHWAR	6	f	h	e	a	2	-	-	-	-	1.10	( 0.72- 1.68)
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16	( 0.80- 1.69)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80- 1.60)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87	( 1.29- 2.71)
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03	( 0.60- 1.70)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66- 1.33)
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38	( 0.94- 2.04)
Partial Totals								115	152	84	183		

\*prospective study

400+

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60- 0.90)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80- 1.20)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04- 1.60)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88- 1.39)
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10	( 0.80- 1.50)
58	LAGARD	4	f	h	a	a	6	-	-	-	-	1.15	( 0.84- 1.58)
Partial Totals								0	0	0	0		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 10  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By number of male+female lung cancer cases (grouped) - adjusted

		1-49	50-99	100-199	200-399	400+	Total
Relative risks							
	N	13	23	12	11	6	65
	NS	13	23	12	11	6	65
	Wt	42.12	201.79	257.20	275.70	420.64	1197.45
	Het Chi	3.04	38.47	10.39	11.45	19.12	101.85
	Het df	12	22	11	10	5	64
	Het P	N.S.	*	N.S.	N.S.	**	**
Fixed	RR	1.69	1.27	1.16	1.31	1.01	1.17
	RRl	1.25	1.11	1.02	1.16	0.92	1.10
	RRu	2.28	1.46	1.31	1.47	1.11	1.24
	P	+++	+++	+	+++	N.S.	+++
Random	RR	1.69	1.26	1.16	1.31	1.03	1.22
	RRl	1.25	1.04	1.02	1.15	0.85	1.12
	RRu	2.28	1.51	1.31	1.48	1.25	1.32
	P	+++	+	+	+++	N.S.	+++
Asymm	P	N.S.	N.S.	N.S.	N.S.	N.S.	**
Between	Chi		2.80	5.16	2.37	10.03	19.38
Between	df		1	1	1	1	4
Between	P		(-)	-	N.S.	--	***

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 11  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By full histological confirmation or not - adjusted

No										Numbers		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Exposed	Cont	Case	Cont				
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85-	1.61)	
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43-	1.30)	
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81-	5.25)	
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20-	3.59)	
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02-	2.08)	
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09-	3.72)	
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93-	2.76)	
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37-	2.71)	
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89-	1.91)	
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87-	3.09)	
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70-	2.10)	
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08-	4.29)	
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77-	8.85)	
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92-	2.87)	
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22-	16.12)	
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53-	3.49)	
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09-	4.08)	
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60-	0.90)	
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30-	1.96)	
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80-	1.20)	
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64-	1.85)	
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77-	3.87)	
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30-	1.13)	
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84-	7.85)	
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67-	1.84)	
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80-	1.60)	
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52	( 1.09-	5.85)	
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88-	1.39)	
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72	( 0.93-	3.18)	
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20	( 0.50-	2.90)	
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10	( 0.80-	1.50)	
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03	( 0.60-	1.70)	
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80	( 0.67-	4.60)	
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66-	1.33)	
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38	( 0.94-	2.04)	
*67	VINEIS	17	f	t	c	-	7	-	-	-	-	1.05	( 0.55-	2.02)	
Partial Totals								534	97157	299	83074				
*prospective study															
Yes															
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI		
								Case	Cont	Case	Cont				
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34-	1.90)	
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25-	2.45)	
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81-	1.87)	
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50-	3.30)	
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39-	6.90)	
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76-	6.56)	
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16-	2.35)	
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48-	8.56)	
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64-	1.82)	
26	JANERI	3	f	s	e	-	3	-	-	-	-	0.75	( 0.47-	1.20)	
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78-	1.63)	
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80-	3.00)	
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04-	1.60)	
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60-	1.94)	
39	SCHWAR	6	f	h	e	a	2	-	-	-	-	1.10	( 0.72-	1.68)	
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16	( 0.80-	1.69)	
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26-	5.10)	
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75	( 0.31-	1.78)	
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06-	2.21)	

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 11  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By full histological confirmation or not - adjusted

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers		Non-exposed		RR	95.00%CI
								Exposed	Cont	Case	Cont		
49	BOFFE2	14	f	s	a	-	2	-	-	-	-	1.00	( 0.50- 1.90)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87	( 1.29- 2.71)
55	MALATS	9	f	s	e	-	2	-	-	-	-	1.50	( 0.77- 2.91)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20	( 0.62- 2.30)
58	LAGARD	4	f	h	a	a	6	-	-	-	-	1.15	( 0.84- 1.58)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00	( 0.67- 1.49)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80	( 0.50- 1.30)
Partial Totals								518	1095	298	852		

\*prospective study

Relative risks		No	Yes	Total
	N	36	29	65
	NS	36	29	65
	Wt	696.56	500.89	1197.45
	Het Chi	65.88	33.77	101.85
	Het df	35	28	64
	Het P	**	N.S.	**
Fixed	RR	1.13	1.23	1.17
	RR1	1.05	1.13	1.10
	RRu	1.21	1.34	1.24
	P	++	+++	+++
Random	RR	1.24	1.22	1.22
	RR1	1.10	1.10	1.12
	RRu	1.39	1.35	1.32
	P	+++	+++	+++
Asymm	P	***	N.S.	**
Between	Chi		2.21	2.21
Between	df		1	1
Between	P		N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 12  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By study type (case-control, prospective) - adjusted

case-control

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75 ( 0.43-	1.30)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07 ( 0.81-	5.25)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08 ( 1.20-	3.59)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80 ( 0.34-	1.90)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79 ( 0.25-	2.45)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23 ( 0.81-	1.87)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01 ( 1.09-	3.72)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20 ( 0.50-	3.30)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50 ( 0.93-	2.76)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00 ( 0.37-	2.71)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68 ( 0.39-	6.90)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30 ( 0.89-	1.91)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20 ( 0.76-	6.56)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64 ( 0.87-	3.09)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65 ( 1.16-	2.35)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20 ( 0.70-	2.10)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25 ( 0.77-	8.85)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63 ( 0.92-	2.87)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36 ( 0.53-	3.49)
26	JANERI	3	f	s	e	-	3	-	-	-	-	0.75 ( 0.47-	1.20)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11 ( 1.09-	4.08)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13 ( 0.78-	1.63)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70 ( 0.60-	0.90)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77 ( 0.30-	1.96)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00 ( 0.80-	1.20)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60 ( 0.80-	3.00)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72 ( 0.77-	3.87)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29 ( 1.04-	1.60)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58 ( 0.30-	1.13)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57 ( 0.84-	7.85)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08 ( 0.60-	1.94)
39	SCHWAR	6	f	h	e	a	2	-	-	-	-	1.10 ( 0.72-	1.68)
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 ( 0.80-	1.69)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26-	5.10)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 ( 0.67-	1.84)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09-	5.85)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11 ( 0.88-	1.39)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31-	1.78)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53 ( 1.06-	2.21)
49	BOFFE2	14	f	s	a	-	2	-	-	-	-	1.00 ( 0.50-	1.90)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 ( 0.50-	2.90)
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 ( 0.80-	1.50)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 ( 1.29-	2.71)
55	MALATS	9	f	s	e	-	2	-	-	-	-	1.50 ( 0.77-	2.91)
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 ( 0.60-	1.70)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 ( 0.62-	2.30)
58	LAGARD	4	f	h	a	a	6	-	-	-	-	1.15 ( 0.84-	1.58)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 ( 0.67-	1.49)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 ( 0.93-	1.80)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48 ( 0.21-	1.09)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 ( 0.50-	1.30)
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94-	2.04)
Partial Totals								959	2077	531	1578		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 12  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By study type (case-control, prospective) - adjusted

prospective

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers		Non-exposed		RR	95.00%CI
								Exposed Case	Exposed Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48- 8.56)
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22- 16.12)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80- 1.60)
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72	( 0.93- 3.18)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80	( 0.67- 4.60)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66- 1.33)
*67	VINEIS	17	f	t	c	-	7	-	-	-	-	1.05	( 0.55- 2.02)
Partial Totals								93	96175	66	82348		

\*prospective study

Relative risks	case-con	prospect	Total
N	55	10	65
NS	55	10	65
Wt	1038.76	158.69	1197.45
Het Chi	95.63	5.84	101.85
Het df	54	9	64
Het P	***	N.S.	**
Fixed RR	1.16	1.22	1.17
RRl	1.09	1.05	1.10
RRu	1.23	1.43	1.24
P	+++	+	+++
Random RR	1.21	1.22	1.22
RRl	1.11	1.05	1.12
RRu	1.33	1.43	1.32
P	+++	+	+++
Asymm P	*	N.S.	**
Between Chi		0.38	0.38
Between df		1	1
Between P		N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 13  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By study control type - adjusted

Healthy

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
10	WU	3	f	s	m	-	1	-	-	-	-	1.20 ( 0.50- 3.30)	
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30 ( 0.89- 1.91)	
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20 ( 0.76- 6.56)	
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64 ( 0.87- 3.09)	
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65 ( 1.16- 2.35)	
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20 ( 0.70- 2.10)	
26	JANERI	3	f	s	e	-	3	-	-	-	-	0.75 ( 0.47- 1.20)	
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70 ( 0.60- 0.90)	
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77 ( 0.30- 1.96)	
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00 ( 0.80- 1.20)	
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60 ( 0.80- 3.00)	
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29 ( 1.04- 1.60)	
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57 ( 0.84- 7.85)	
39	SCHWAR	6	f	h	e	a	2	-	-	-	-	1.10 ( 0.72- 1.68)	
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 ( 0.80- 1.69)	
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 ( 0.67- 1.84)	
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09- 5.85)	
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31- 1.78)	
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 ( 0.80- 1.50)	
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 ( 0.60- 1.70)	
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 ( 0.62- 2.30)	
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48 ( 0.21- 1.09)	
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 ( 0.50- 1.30)	
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94- 2.04)	
Partial Totals								344	603	152	358		

\*prospective study

Diseased

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75 ( 0.43- 1.30)	
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07 ( 0.81- 5.25)	
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08 ( 1.20- 3.59)	
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79 ( 0.25- 2.45)	
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23 ( 0.81- 1.87)	
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01 ( 1.09- 3.72)	
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50 ( 0.93- 2.76)	
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00 ( 0.37- 2.71)	
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68 ( 0.39- 6.90)	
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25 ( 0.77- 8.85)	
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08 ( 0.64- 1.82)	
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63 ( 0.92- 2.87)	
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11 ( 1.09- 4.08)	
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13 ( 0.78- 1.63)	
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 ( 0.64- 1.85)	
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72 ( 0.77- 3.87)	
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58 ( 0.30- 1.13)	
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08 ( 0.60- 1.94)	
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26- 5.10)	
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53 ( 1.06- 2.21)	
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 ( 1.29- 2.71)	
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 ( 0.67- 1.49)	
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 ( 0.93- 1.80)	
Partial Totals								548	1269	351	1136		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 13  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By study control type - adjusted

Both													
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
5	BUFFLE 2		f	h	e	a	0	33	164	8	32	0.80 ( 0.34-	1.90)
25	SVENSS 5		f	t	a	-	1	-	-	-	-	1.36 ( 0.53-	3.49)
46	BOFFET 9		f	s	e	-	2	-	-	-	-	1.11 ( 0.88-	1.39)
49	BOFFE2 14		f	s	a	-	2	-	-	-	-	1.00 ( 0.50-	1.90)
51	RAPITI 2		f	s	e	-	3	-	-	-	-	1.20 ( 0.50-	2.90)
55	MALATS 9		f	s	e	-	2	-	-	-	-	1.50 ( 0.77-	2.91)
58	LAGARD 4		f	h	a	a	6	-	-	-	-	1.15 ( 0.84-	1.58)
Partial Totals								33	164	8	32		

\*prospective study

Unstated													
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
20	GENG 1		f	s	e	-	0	34	41	20	52	2.16 ( 1.08-	4.29)
Totals								34	41	20	52		

\*prospective study

Prospective													
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFII 1		f	s	c	-	0	88	94880	65	81859	1.17 ( 0.85-	1.61)
*6	HIRAYA 8		f	s	e	-	1	-	-	-	-	1.45 ( 1.02-	2.08)
*19	BUTLER 2		f	s	m	-	1	-	-	-	-	2.02 ( 0.48-	8.56)
*24	HOLE 2		f	h	e	b	0	5	1295	1	489	1.89 ( 0.22-	16.12)
*43	CARDEN 10		f	s	m	-	8	-	-	-	-	1.20 ( 0.80-	1.60)
*50	JEE 4		f	s	e	-	5	-	-	-	-	1.72 ( 0.93-	3.18)
*52	SPEIZE 1		f	t	a	-	1	-	-	-	-	1.50 ( 0.30-	6.30)
*59	NISHIN 2		f	s	c	-	7	-	-	-	-	1.80 ( 0.67-	4.60)
*63	ENSTRO 12		f	s	e	-	8	-	-	-	-	0.94 ( 0.66-	1.33)
*67	VINEIS 17		f	t	c	-	7	-	-	-	-	1.05 ( 0.55-	2.02)
Partial Totals								93	96175	66	82348		

\*prospective study

Relative risks		Healthy	Diseased	Both	Unstated	Prospect	Total
	N	24	23	7	1	10	65
	NS	24	23	7	1	10	65
	Wt	574.57	312.23	143.83	8.13	158.69	1197.45
	Het Chi	48.80	31.69	1.63	0.00	5.84	101.85
	Het df	23	22	6	0	9	64
	Het P	**	(*)	N.S.	N.S.	N.S.	**
Fixed	RR	1.07	1.34	1.13	2.16	1.22	1.17
	RR1	0.99	1.20	0.96	1.08	1.05	1.10
	RRu	1.16	1.50	1.33	4.29	1.43	1.24
	P	N.S.	+++	N.S.	+	+	+++
Random	RR	1.12	1.35	1.13	2.16	1.22	1.22
	RR1	0.98	1.17	0.96	1.08	1.05	1.12
	RRu	1.29	1.55	1.33	4.29	1.43	1.32
	P	(+)	+++	N.S.	+	+	+++
Asymm	P	N.S.	N.S.	N.S.	N.S.	N.S.	**
Between	Chi		10.31	0.36	3.94	2.22	13.90
Between	df		1	1	1	1	4
Between	P		++	N.S.	+	N.S.	**

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)



Table 14  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By study quality (PNL criteria) - adjusted

good

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93- 2.76)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89- 1.91)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87- 3.09)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78- 1.63)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60- 0.90)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30- 1.96)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77- 3.87)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60- 1.94)
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16	( 0.80- 1.69)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26- 5.10)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80- 1.60)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52	( 1.09- 5.85)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88- 1.39)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75	( 0.31- 1.78)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06- 2.21)
49	BOFFE2	14	f	s	a	-	2	-	-	-	-	1.00	( 0.50- 1.90)
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72	( 0.93- 3.18)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20	( 0.50- 2.90)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87	( 1.29- 2.71)
55	MALATS	9	f	s	e	-	2	-	-	-	-	1.50	( 0.77- 2.91)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20	( 0.62- 2.30)
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80	( 0.67- 4.60)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00	( 0.67- 1.49)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66- 1.33)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
*67	VINEIS	17	f	t	c	-	7	-	-	-	-	1.05	( 0.55- 2.02)
Partial Totals								564	96026	323	82647		
*prospective study													

bad

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76- 6.56)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48- 8.56)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77- 8.85)
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22- 16.12)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)
26	JANERI	3	f	s	e	-	3	-	-	-	-	0.75	( 0.47- 1.20)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80- 1.20)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80- 3.00)

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 14  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By study quality (PNL criteria) - adjusted

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers		Non-exposed		RR	95.00%CI
								Exposed	Cont	Case	Cont		
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64- 1.85)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04- 1.60)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30- 1.13)
39	SCHWAR	6	f	h	e	a	2	-	-	-	-	1.10	( 0.72- 1.68)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67- 1.84)
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10	( 0.80- 1.50)
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03	( 0.60- 1.70)
58	LAGARD	4	f	h	a	a	6	-	-	-	-	1.15	( 0.84- 1.58)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80	( 0.50- 1.30)
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38	( 0.94- 2.04)
Partial Totals								488	2226	274	1279		

\*prospective study

		good	bad	Total
Relative risks				
	N	39	26	65
	NS	39	26	65
	Wt	690.36	507.08	1197.45
	Het Chi	64.10	36.80	101.85
	Het df	38	25	64
	Het P	**	(*)	**
Fixed	RR	1.14	1.21	1.17
	RRl	1.06	1.11	1.10
	RRu	1.23	1.32	1.24
	P	+++	+++	+++
Random	RR	1.20	1.24	1.22
	RRl	1.08	1.10	1.12
	RRu	1.33	1.40	1.32
	P	++	+++	+++
Asymm	P	(*)	(*)	**
Between	Chi		0.95	0.95
Between	df		1	1
Between	P		N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 15  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female

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

										Numbers		Non-exposed			
										Exposed					
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Case	Cont	Case	Cont	RR	95.00%CI		
0															
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43-	1.30)	
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20-	3.59)	
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34-	1.90)	
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16-	2.35)	
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08-	4.29)	
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92-	2.87)	
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84-	7.85)	
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26-	5.10)	
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93-	1.80)	
Totals								495	1111	316	988				
*prospective study															
1															
										Numbers		Non-exposed			
										Exposed					
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Case	Cont	Case	Cont	RR	95.00%CI		
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81-	5.25)	
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09-	3.72)	
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53-	3.49)	
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67-	1.84)	
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30-	6.30)	
Partial Totals								143	214	74	198				
*prospective study															
2															
										Numbers		Non-exposed			
										Exposed					
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Case	Cont	Case	Cont	RR	95.00%CI		
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02-	2.08)	
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50-	3.30)	
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89-	1.91)	
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76-	6.56)	
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70-	2.10)	
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48-	8.56)	
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22-	16.12)	
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80-	1.20)	
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64-	1.85)	
39	SCHWAR	6	f	h	e	a	2	-	-	-	-	1.10	( 0.72-	1.68)	
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16	( 0.80-	1.69)	
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52	( 1.09-	5.85)	
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06-	2.21)	
55	MALATS	9	f	s	e	-	2	-	-	-	-	1.50	( 0.77-	2.91)	
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00	( 0.67-	1.49)	
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80	( 0.50-	1.30)	
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38	( 0.94-	2.04)	
Partial Totals								114	1628	36	640				
*prospective study															

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 15  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female

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

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87- 3.09)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77- 8.85)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
26	JANERI	3	f	s	e	-	3	-	-	-	-	0.75	( 0.47- 1.20)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78- 1.63)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60- 0.90)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30- 1.96)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80- 3.00)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77- 3.87)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30- 1.13)
49	BOFFE2	14	f	s	a	-	2	-	-	-	-	1.00	( 0.50- 1.90)
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72	( 0.93- 3.18)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20	( 0.50- 2.90)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20	( 0.62- 2.30)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
Partial Totals								156	360	92	230		

\*prospective study

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93- 2.76)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04- 1.60)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60- 1.94)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80- 1.60)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88- 1.39)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75	( 0.31- 1.78)
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10	( 0.80- 1.50)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87	( 1.29- 2.71)
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03	( 0.60- 1.70)
58	LAGARD	4	f	h	a	a	6	-	-	-	-	1.15	( 0.84- 1.58)
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80	( 0.67- 4.60)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66- 1.33)
*67	VINEIS	17	f	t	c	-	7	-	-	-	-	1.05	( 0.55- 2.02)
Partial Totals								144	94939	79	81870		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 15  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female

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

		0	1	2	3-5	6+	Total
Relative risks							
	N	9	5	17	20	14	65
	NS	9	5	17	20	14	65
	Wt	127.05	35.44	344.52	271.54	418.90	1197.45
	Het Chi	14.67	2.74	15.70	37.14	11.69	101.85
	Het df	8	4	16	19	13	64
	Het P	(*)	N.S.	N.S.	**	N.S.	**
Fixed	RR	1.49	1.48	1.18	0.96	1.19	1.17
	RRl	1.26	1.06	1.07	0.86	1.08	1.10
	RRu	1.78	2.05	1.32	1.09	1.31	1.24
	P	+++	+	++	N.S.	+++	+++
Random	RR	1.52	1.48	1.18	1.09	1.19	1.22
	RRl	1.18	1.06	1.07	0.90	1.08	1.12
	RRu	1.97	2.05	1.32	1.32	1.31	1.32
	P	++	+	++	N.S.	+++	+++
Asymm	P	N.S.	N.S.	*	*	N.S.	**
Between	Chi		0.00	5.02	16.66	5.03	19.91
Between	df		1	1	1	1	4
Between	P		N.S.	-	---	-	***

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 16  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female

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

No										Numbers		Non-exposed		RR		95.00%CI	
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Exposed	Cont	Case	Cont	RR	95.00%CI				
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43-	1.30)			
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81-	5.25)			
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20-	3.59)			
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34-	1.90)			
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09-	3.72)			
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16-	2.35)			
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08-	4.29)			
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92-	2.87)			
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77-	3.87)			
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84-	7.85)			
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26-	5.10)			
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93-	1.80)			
Partial Totals								546	1236	347	1140						
*prospective study																	
Yes										Numbers		Non-exposed		RR		95.00%CI	
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Exposed	Cont	Case	Cont	RR	95.00%CI				
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85-	1.61)			
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02-	2.08)			
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25-	2.45)			
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81-	1.87)			
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50-	3.30)			
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93-	2.76)			
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37-	2.71)			
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39-	6.90)			
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89-	1.91)			
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76-	6.56)			
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87-	3.09)			
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70-	2.10)			
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48-	8.56)			
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77-	8.85)			
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64-	1.82)			
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22-	16.12)			
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53-	3.49)			
26	JANERI	3	f	s	e	-	3	-	-	-	-	0.75	( 0.47-	1.20)			
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09-	4.08)			
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78-	1.63)			
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60-	0.90)			
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30-	1.96)			
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80-	1.20)			
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80-	3.00)			
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64-	1.85)			
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04-	1.60)			
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30-	1.13)			
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60-	1.94)			
39	SCHWAR	6	f	h	e	a	2	-	-	-	-	1.10	( 0.72-	1.68)			
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16	( 0.80-	1.69)			
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67-	1.84)			
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80-	1.60)			
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52	( 1.09-	5.85)			
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88-	1.39)			
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75	( 0.31-	1.78)			
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06-	2.21)			
49	BOFFE2	14	f	s	a	-	2	-	-	-	-	1.00	( 0.50-	1.90)			
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72	( 0.93-	3.18)			
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20	( 0.50-	2.90)			
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30-	6.30)			
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10	( 0.80-	1.50)			
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87	( 1.29-	2.71)			
55	MALATS	9	f	s	e	-	2	-	-	-	-	1.50	( 0.77-	2.91)			

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 16  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By age considered as a confounder in the study or not - adjusted

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers		Non-exposed		RR	95.00%CI
								Exposed	Cont	Case	Cont		
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03	( 0.60- 1.70)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20	( 0.62- 2.30)
58	LAGARD	4	f	h	a	a	6	-	-	-	-	1.15	( 0.84- 1.58)
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80	( 0.67- 4.60)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00	( 0.67- 1.49)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66- 1.33)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80	( 0.50- 1.30)
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38	( 0.94- 2.04)
*67	VINEIS	17	f	t	c	-	7	-	-	-	-	1.05	( 0.55- 2.02)
Partial Totals								506	97016	250	82786		
*prospective study													

Relative risks		No	Yes	Total
	N	12	53	65
	NS	12	53	65
	Wt	147.50	1049.95	1197.45
	Het Chi	15.96	72.52	101.85
	Het df	11	52	64
	Het P	N.S.	*	**
Fixed	RR	1.55	1.12	1.17
	RR1	1.32	1.06	1.10
	RRu	1.82	1.19	1.24
	P	+++	+++	+++
Random	RR	1.58	1.15	1.22
	RR1	1.29	1.06	1.12
	RRu	1.95	1.25	1.32
	P	+++	+++	+++
Asymm	P	N.S.	(*)	**
Between	Chi		13.37	13.37
Between	df		1	1
Between	P		---	***

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 17  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female

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

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75 (	0.43- 1.30)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08 (	1.20- 3.59)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80 (	0.34- 1.90)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23 (	0.81- 1.87)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68 (	0.39- 6.90)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30 (	0.89- 1.91)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20 (	0.76- 6.56)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65 (	1.16- 2.35)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20 (	0.70- 2.10)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16 (	1.08- 4.29)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08 (	0.64- 1.82)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63 (	0.92- 2.87)
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89 (	0.22- 16.12)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36 (	0.53- 3.49)
26	JANERI	3	f	s	e	-	3	-	-	-	-	0.75 (	0.47- 1.20)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11 (	1.09- 4.08)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13 (	0.78- 1.63)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70 (	0.60- 0.90)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77 (	0.30- 1.96)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00 (	0.80- 1.20)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60 (	0.80- 3.00)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 (	0.64- 1.85)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72 (	0.77- 3.87)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29 (	1.04- 1.60)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57 (	0.84- 7.85)
39	SCHWAR	6	f	h	e	a	2	-	-	-	-	1.10 (	0.72- 1.68)
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 (	0.80- 1.69)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 (	1.26- 5.10)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 (	0.67- 1.84)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 (	1.09- 5.85)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 (	0.31- 1.78)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53 (	1.06- 2.21)
49	BOFFE2	14	f	s	a	-	2	-	-	-	-	1.00 (	0.50- 1.90)
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 (	0.93- 3.18)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 (	0.50- 2.90)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50 (	0.30- 6.30)
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 (	0.80- 1.50)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 (	1.29- 2.71)
55	MALATS	9	f	s	e	-	2	-	-	-	-	1.50 (	0.77- 2.91)
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 (	0.60- 1.70)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 (	0.62- 2.30)
58	LAGARD	4	f	h	a	a	6	-	-	-	-	1.15 (	0.84- 1.58)
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 (	0.67- 4.60)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 (	0.67- 1.49)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 (	0.93- 1.80)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94 (	0.66- 1.33)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48 (	0.21- 1.09)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 (	0.50- 1.30)
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 (	0.94- 2.04)
*67	VINEIS	17	f	t	c	-	7	-	-	-	-	1.05 (	0.55- 2.02)
Partial Totals								900	3232	490	1905		
*prospective study													

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)



Table 17  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female

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

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers		Non-exposed		RR	95.00%CI
								Exposed	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17 (	0.85- 1.61)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07 (	0.81- 5.25)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45 (	1.02- 2.08)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79 (	0.25- 2.45)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01 (	1.09- 3.72)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20 (	0.50- 3.30)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50 (	0.93- 2.76)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00 (	0.37- 2.71)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64 (	0.87- 3.09)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02 (	0.48- 8.56)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25 (	0.77- 8.85)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58 (	0.30- 1.13)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08 (	0.60- 1.94)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20 (	0.80- 1.60)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11 (	0.88- 1.39)
Partial Totals								152	95020	107	82021		

\*prospective study

Relative risks		N	No	Yes	Total
			50	15	65
	NS	50	15	65	
	Wt	951.65	245.80	1197.45	
	Het Chi	87.15	13.93	101.85	
	Het df	49	14	64	
	Het P	***	N.S.	**	
	Fixed RR	1.15	1.23	1.17	
	RRl	1.08	1.08	1.10	
	RRu	1.23	1.39	1.24	
	P	+++	++	+++	
	Random RR	1.21	1.23	1.22	
	RRl	1.10	1.08	1.12	
	RRu	1.33	1.39	1.32	
	P	+++	++	+++	
	Asymm P	*	N.S.	**	
	Between Chi		0.77	0.77	
	Between df		1	1	
	Between P		N.S.	N.S.	

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 18  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female

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

none

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
								Case	Cont	Case	Cont			
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)	
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)	
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)	
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)	
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)	
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48- 8.56)	
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)	
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)	
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78- 1.63)	
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60- 0.90)	
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30- 1.96)	
39	SCHWAR	6	f	h	e	a	2	-	-	-	-	1.10	( 0.72- 1.68)	
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16	( 0.80- 1.69)	
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26- 5.10)	
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)	
58	LAGARD	4	f	h	a	a	6	-	-	-	-	1.15	( 0.84- 1.58)	
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80	( 0.67- 4.60)	
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)	
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66- 1.33)	
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)	
Partial Totals								294	596	222	631			
*prospective study														

no assoc, no results presented

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
								Case	Cont	Case	Cont			
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)	
Partial Totals								0	0	0	0			
*prospective study														

results presented

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93- 2.76)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89- 1.91)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76- 6.56)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87- 3.09)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77- 8.85)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22- 16.12)
26	JANERI	3	f	s	e	-	3	-	-	-	-	0.75	( 0.47- 1.20)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80- 1.20)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80- 3.00)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64- 1.85)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77- 3.87)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04- 1.60)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30- 1.13)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60- 1.94)

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 18  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female

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

results presented

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 (	0.67- 1.84)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20 (	0.80- 1.60)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 (	1.09- 5.85)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11 (	0.88- 1.39)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 (	0.31- 1.78)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53 (	1.06- 2.21)
49	BOFFE2	14	f	s	a	-	2	-	-	-	-	1.00 (	0.50- 1.90)
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 (	0.93- 3.18)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 (	0.50- 2.90)
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 (	0.80- 1.50)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 (	1.29- 2.71)
55	MALATS	9	f	s	e	-	2	-	-	-	-	1.50 (	0.77- 2.91)
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 (	0.60- 1.70)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 (	0.62- 2.30)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 (	0.67- 1.49)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 (	0.50- 1.30)
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 (	0.94- 2.04)
*67	VINEIS	17	f	t	c	-	7	-	-	-	-	1.05 (	0.55- 2.02)
Partial Totals								758	97656	375	83295		

\*prospective study

Relative risks		none	no assoc	sig assc	results	Total
	N	20	1		44	65
	NS	20	1		44	65
	Wt	350.76	4.31		842.37	1197.45
	Het Chi	36.13	0.00		54.25	101.85
	Het df	19	0		43	64
	Het P	*	N.S.		N.S.	**
	Fixed RR	1.00	1.20		1.24	1.17
	RRl	0.90	0.47		1.16	1.10
	RRu	1.11	3.08		1.33	1.24
	P	N.S.	N.S.		+++	+++
	Random RR	1.09	1.20		1.27	1.22
	RRl	0.92	0.47		1.17	1.12
	RRu	1.29	3.08		1.37	1.32
	P	N.S.	N.S.		+++	+++
	Asymm P	(*)			(*)	**
	Between Chi		0.14		11.47	11.47
	Between df		1		1	2
	Between P		N.S.	N.S.	+++	**

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 19  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By spouse the index or not - adjusted

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93- 2.76)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89- 1.91)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76- 6.56)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87- 3.09)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48- 8.56)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77- 8.85)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)
26	JANERI	3	f	s	e	-	3	-	-	-	-	0.75	( 0.47- 1.20)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78- 1.63)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60- 0.90)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80- 1.20)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80- 3.00)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64- 1.85)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77- 3.87)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04- 1.60)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30- 1.13)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60- 1.94)
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16	( 0.80- 1.69)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67- 1.84)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80- 1.60)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88- 1.39)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06- 2.21)
49	BOFFE2	14	f	s	a	-	2	-	-	-	-	1.00	( 0.50- 1.90)
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72	( 0.93- 3.18)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20	( 0.50- 2.90)
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10	( 0.80- 1.50)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87	( 1.29- 2.71)
55	MALATS	9	f	s	e	-	2	-	-	-	-	1.50	( 0.77- 2.91)
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80	( 0.67- 4.60)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00	( 0.67- 1.49)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66- 1.33)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80	( 0.50- 1.30)
Partial Totals								719	96071	463	82880		
*prospective study													

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 19  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By spouse the index or not - adjusted

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers		Non-exposed		RR	95.00%CI
								Exposed	Cont	Case	Cont		
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22- 16.12)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30- 1.96)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
39	SCHWAR	6	f	h	e	a	2	-	-	-	-	1.10	( 0.72- 1.68)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26- 5.10)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52	( 1.09- 5.85)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75	( 0.31- 1.78)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03	( 0.60- 1.70)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20	( 0.62- 2.30)
58	LAGARD	4	f	h	a	a	6	-	-	-	-	1.15	( 0.84- 1.58)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38	( 0.94- 2.04)
*67	VINEIS	17	f	t	c	-	7	-	-	-	-	1.05	( 0.55- 2.02)
Partial Totals								333	2181	134	1046		

\*prospective study

Relative risks		Yes	No	Total
	N	47	18	65
	NS	47	18	65
	Wt	999.80	197.65	1197.45
	Het Chi	82.88	18.66	101.85
	Het df	46	17	64
	Het P	***	N.S.	**
Fixed	RR	1.16	1.21	1.17
	RRl	1.09	1.05	1.10
	RRu	1.23	1.39	1.24
	P	+++	++	+++
Random	RR	1.22	1.21	1.22
	RRl	1.11	1.04	1.12
	RRu	1.34	1.41	1.32
	P	+++	+	+++
Asymm	P	**	N.S.	**
Between	Chi		0.31	0.31
Between	df		1	1
Between	P		N.S.	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 20  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By end year of study (grouped) - adjusted

-1979

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
Totals								122	94946	115	81932		

\*prospective study

1980-89

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93- 2.76)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89- 1.91)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76- 6.56)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87- 3.09)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48- 8.56)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77- 8.85)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22- 16.12)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)
26	JANERI	3	f	s	e	-	3	-	-	-	-	0.75	( 0.47- 1.20)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78- 1.63)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60- 0.90)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30- 1.96)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64- 1.85)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77- 3.87)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04- 1.60)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30- 1.13)
39	SCHWAR	6	f	h	e	a	2	-	-	-	-	1.10	( 0.72- 1.68)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80- 1.60)
Partial Totals								543	2495	314	1423		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 20  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By end year of study (grouped) - adjusted

1990-

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00 ( 0.80- 1.20)	
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60 ( 0.80- 3.00)	
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57 ( 0.84- 7.85)	
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08 ( 0.60- 1.94)	
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 ( 0.67- 1.84)	
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09- 5.85)	
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11 ( 0.88- 1.39)	
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31- 1.78)	
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53 ( 1.06- 2.21)	
49	BOFFE2	14	f	s	a	-	2	-	-	-	-	1.00 ( 0.50- 1.90)	
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 ( 0.93- 3.18)	
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 ( 0.50- 2.90)	
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50 ( 0.30- 6.30)	
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 ( 0.80- 1.50)	
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 ( 1.29- 2.71)	
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 ( 0.60- 1.70)	
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 ( 0.62- 2.30)	
58	LAGARD	4	f	h	a	a	6	-	-	-	-	1.15 ( 0.84- 1.58)	
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 ( 0.67- 4.60)	
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 ( 0.93- 1.80)	
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94 ( 0.66- 1.33)	
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48 ( 0.21- 1.09)	
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 ( 0.50- 1.30)	
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94- 2.04)	
*67	VINEIS	17	f	t	c	-	7	-	-	-	-	1.05 ( 0.55- 2.02)	
Partial Totals								320	751	153	537		

\*prospective study

Unkn

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 ( 0.80- 1.69)	
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26- 5.10)	
55	MALATS	9	f	s	e	-	2	-	-	-	-	1.50 ( 0.77- 2.91)	
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 ( 0.67- 1.49)	
Partial Totals								67	60	15	34		

\*prospective study

Relative risks	-1979	1980-89	1990-	Unkn	Total	
	N	2	34	25	4	65
	NS	2	34	25	4	65
	Wt	50.20	554.25	524.95	68.05	1197.45
	Het Chi	1.85	63.18	30.34	5.54	101.85
	Het df	1	33	24	3	64
	Het P	N.S.	**	N.S.	N.S.	**
	Fixed RR	1.04	1.18	1.16	1.24	1.17
	RR1	0.79	1.08	1.07	0.98	1.10
	RRu	1.38	1.28	1.27	1.58	1.24
	P	N.S.	+++	+++	(+)	+++
	Random RR	0.99	1.27	1.18	1.32	1.22
	RR1	0.66	1.11	1.06	0.94	1.12
	RRu	1.51	1.45	1.31	1.86	1.32
	P	N.S.	+++	++	N.S.	+++
	Asymm P		*	N.S.	N.S.	**
	Between Chi		0.66	0.52	0.89	0.95
	Between df		1	1	1	3

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 20  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By end year of study (grouped) - adjusted

		-1979	1980-89	1990-	Unkn	Total
Relative risks	Between P		N.S.	N.S.	N.S.	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)



Table 21  
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By considered by EPA or not - adjusted

No								Numbers					
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63 ( 0.92- 2.87)	
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00 ( 0.80- 1.20)	
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60 ( 0.80- 3.00)	
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 ( 0.64- 1.85)	
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72 ( 0.77- 3.87)	
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58 ( 0.30- 1.13)	
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57 ( 0.84- 7.85)	
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08 ( 0.60- 1.94)	
39	SCHWAR	6	f	h	e	a	2	-	-	-	-	1.10 ( 0.72- 1.68)	
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 ( 0.80- 1.69)	
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26- 5.10)	
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 ( 0.67- 1.84)	
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20 ( 0.80- 1.60)	
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09- 5.85)	
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11 ( 0.88- 1.39)	
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31- 1.78)	
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53 ( 1.06- 2.21)	
49	BOFFE2	14	f	s	a	-	2	-	-	-	-	1.00 ( 0.50- 1.90)	
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 ( 0.93- 3.18)	
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 ( 0.50- 2.90)	
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50 ( 0.30- 6.30)	
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 ( 0.80- 1.50)	
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 ( 1.29- 2.71)	
55	MALATS	9	f	s	e	-	2	-	-	-	-	1.50 ( 0.77- 2.91)	
56	WANGL	36	f	h	e	a	5	-	-	-	-	1.03 ( 0.60- 1.70)	
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 ( 0.62- 2.30)	
58	LAGARD	4	f	h	a	a	6	-	-	-	-	1.15 ( 0.84- 1.58)	
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 ( 0.67- 4.60)	
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 ( 0.67- 1.49)	
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 ( 0.93- 1.80)	
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94 ( 0.66- 1.33)	
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48 ( 0.21- 1.09)	
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 ( 0.50- 1.30)	
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94- 2.04)	
*67	VINEIS	17	f	t	c	-	7	-	-	-	-	1.05 ( 0.55- 2.02)	
Partial Totals								483	1053	222	747		
*prospective study													
Yes													
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17 ( 0.85- 1.61)	
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75 ( 0.43- 1.30)	
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07 ( 0.81- 5.25)	
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08 ( 1.20- 3.59)	
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80 ( 0.34- 1.90)	
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45 ( 1.02- 2.08)	
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79 ( 0.25- 2.45)	
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23 ( 0.81- 1.87)	
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01 ( 1.09- 3.72)	
10	WU	3	f	s	m	-	1	-	-	-	-	1.20 ( 0.50- 3.30)	
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50 ( 0.93- 2.76)	
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00 ( 0.37- 2.71)	
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68 ( 0.39- 6.90)	
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30 ( 0.89- 1.91)	
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20 ( 0.76- 6.56)	
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64 ( 0.87- 3.09)	
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65 ( 1.16- 2.35)	
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20 ( 0.70- 2.10)	
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02 ( 0.48- 8.56)	
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16 ( 1.08- 4.29)	

Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 21  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By considered by EPA or not - adjusted

Yes										Numbers		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Exposed		Case	Cont				
21	INOUE	2	f	s	e	-	1	-	-	-	-	-	-	2.25	( 0.77- 8.85)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	-	-	1.08	( 0.64- 1.82)
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	-	-	1.89	( 0.22- 16.12)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	-	-	1.36	( 0.53- 3.49)
26	JANERI	3	f	s	e	-	3	-	-	-	-	-	-	0.75	( 0.47- 1.20)
27	KALAND	3	f	s	m	-	4	-	-	-	-	-	-	2.11	( 1.09- 4.08)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	-	-	1.13	( 0.78- 1.63)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	-	-	0.70	( 0.60- 0.90)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	-	-	0.77	( 0.30- 1.96)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	-	-	1.29	( 1.04- 1.60)
Partial Totals								569	97199	375	83179				
*prospective study															

Relative risks		No	Yes	Total
	N	35	30	65
	NS	35	30	65
	Wt	686.62	510.83	1197.45
	Het Chi	42.81	59.04	101.85
	Het df	34	29	64
	Het P	N.S.	***	**
Fixed	RR	1.17	1.17	1.17
	RRl	1.08	1.07	1.10
	RRu	1.26	1.27	1.24
	P	+++	+++	+++
Random	RR	1.18	1.27	1.22
	RRl	1.08	1.10	1.12
	RRu	1.30	1.47	1.32
	P	+++	++	+++
Asymm	P	N.S.	*	**
Between	Chi		0.00	0.00
Between	df		1	1
Between	P		N.S.	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 22  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By never smoker definition - adjusted

Never

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75 ( 0.43- 1.30)	
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07 ( 0.81- 5.25)	
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08 ( 1.20- 3.59)	
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80 ( 0.34- 1.90)	
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45 ( 1.02- 2.08)	
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79 ( 0.25- 2.45)	
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23 ( 0.81- 1.87)	
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01 ( 1.09- 3.72)	
10	WU	3	f	s	m	-	1	-	-	-	-	1.20 ( 0.50- 3.30)	
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50 ( 0.93- 2.76)	
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00 ( 0.37- 2.71)	
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68 ( 0.39- 6.90)	
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30 ( 0.89- 1.91)	
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20 ( 0.70- 2.10)	
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02 ( 0.48- 8.56)	
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16 ( 1.08- 4.29)	
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25 ( 0.77- 8.85)	
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08 ( 0.64- 1.82)	
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63 ( 0.92- 2.87)	
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89 ( 0.22- 16.12)	
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11 ( 1.09- 4.08)	
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13 ( 0.78- 1.63)	
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70 ( 0.60- 0.90)	
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00 ( 0.80- 1.20)	
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 ( 0.64- 1.85)	
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72 ( 0.77- 3.87)	
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08 ( 0.60- 1.94)	
39	SCHWAR	6	f	h	e	a	2	-	-	-	-	1.10 ( 0.72- 1.68)	
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 ( 0.80- 1.69)	
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26- 5.10)	
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 ( 0.67- 1.84)	
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20 ( 0.80- 1.60)	
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31- 1.78)	
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53 ( 1.06- 2.21)	
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50 ( 0.30- 6.30)	
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 ( 0.67- 4.60)	
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94 ( 0.66- 1.33)	
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94- 2.04)	
*67	VINEIS	17	f	t	c	-	7	-	-	-	-	1.05 ( 0.55- 2.02)	
Partial Totals								677	2617	352	1404		
*prospective study													

Other

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17 ( 0.85- 1.61)	
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20 ( 0.76- 6.56)	
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64 ( 0.87- 3.09)	
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65 ( 1.16- 2.35)	
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36 ( 0.53- 3.49)	
26	JANERI	3	f	s	e	-	3	-	-	-	-	0.75 ( 0.47- 1.20)	
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77 ( 0.30- 1.96)	
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60 ( 0.80- 3.00)	
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29 ( 1.04- 1.60)	
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58 ( 0.30- 1.13)	
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57 ( 0.84- 7.85)	
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09- 5.85)	
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11 ( 0.88- 1.39)	
49	BOFFE2	14	f	s	a	-	2	-	-	-	-	1.00 ( 0.50- 1.90)	
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 ( 0.93- 3.18)	
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 ( 0.50- 2.90)	

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
  - 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
  - 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)
- 'Other' studies may include subjects who have smoked for a limited period or occasionally

Table 22  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By never smoker definition - adjusted

Other

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers		Non-exposed		RR	95.00%CI
								Exposed	Cont	Case	Cont		
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10	( 0.80- 1.50)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87	( 1.29- 2.71)
55	MALATS	9	f	s	e	-	2	-	-	-	-	1.50	( 0.77- 2.91)
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03	( 0.60- 1.70)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20	( 0.62- 2.30)
58	LAGARD	4	f	h	a	a	6	-	-	-	-	1.15	( 0.84- 1.58)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00	( 0.67- 1.49)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80	( 0.50- 1.30)
Partial Totals								375	95635	245	82522		

\*prospective study

Relative risks	Never		Other	Total
		N	39	26
	NS	39	26	65
	Wt	665.94	531.51	1197.45
	Het Chi	63.13	37.77	101.85
	Het df	38	25	64
	Het P	**	*	**
Fixed	RR	1.14	1.21	1.17
	RR1	1.06	1.11	1.10
	RRu	1.23	1.31	1.24
	P	+++	+++	+++
Random	RR	1.23	1.20	1.22
	RR1	1.11	1.07	1.12
	RRu	1.38	1.35	1.32
	P	+++	++	+++
Asymm	P	***	N.S.	**
Between	Chi		0.95	0.95
Between	df		1	1
Between	P		N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
  - 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
  - 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)
- 'Other' studies may include subjects who have smoked for a limited period or occasionally

Table 23  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By interview method/setting - adjusted

Hospital

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60- 1.94)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26- 5.10)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06- 2.21)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20	( 0.50- 2.90)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87	( 1.29- 2.71)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
Partial Totals								295	575	166	454		

\*prospective study

Home

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93- 2.76)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87- 3.09)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77- 3.87)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30- 1.13)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80- 1.60)
Partial Totals								33	164	8	32		

\*prospective study

Telephone

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80- 1.20)
39	SCHWAR	6	f	h	e	a	2	-	-	-	-	1.10	( 0.72- 1.68)
Partial Totals								0	0	0	0		

\*prospective study

Self-completion

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48- 8.56)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22- 16.12)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78- 1.63)
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72	( 0.93- 3.18)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20	( 0.62- 2.30)
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80	( 0.67- 4.60)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66- 1.33)
*67	VINEIS	17	f	t	c	-	7	-	-	-	-	1.05	( 0.55- 2.02)
Partial Totals								145	96266	104	82420		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 23  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By interview method/setting - adjusted

Othr/unkn

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89- 1.91)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76- 6.56)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77- 8.85)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)
26	JANERI	3	f	s	e	-	3	-	-	-	-	0.75	( 0.47- 1.20)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60- 0.90)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30- 1.96)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80- 3.00)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64- 1.85)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04- 1.60)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16	( 0.80- 1.69)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67- 1.84)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52	( 1.09- 5.85)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88- 1.39)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75	( 0.31- 1.78)
49	BOFFE2	14	f	s	a	-	2	-	-	-	-	1.00	( 0.50- 1.90)
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10	( 0.80- 1.50)
55	MALATS	9	f	s	e	-	2	-	-	-	-	1.50	( 0.77- 2.91)
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03	( 0.60- 1.70)
58	LAGARD	4	f	h	a	a	6	-	-	-	-	1.15	( 0.84- 1.58)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00	( 0.67- 1.49)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80	( 0.50- 1.30)
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38	( 0.94- 2.04)
Partial Totals								579	1247	319	1020		

\*prospective study

Relative risks	Hospital		Home	Telephon	Self-com	Othr/unkn	Total
	N	NS					
	13	13	8	4	11	29	65
			8	4	11	29	65
	Wt	159.60	106.48	131.91	147.87	651.58	1197.45
	Het Chi	24.08	8.75	0.56	4.82	53.37	101.85
	Het df	12	7	3	10	28	64
	Het P	*	N.S.	N.S.	N.S.	**	**
	Fixed RR	1.44	1.27	1.04	1.15	1.12	1.17
	RRl	1.23	1.05	0.88	0.98	1.04	1.10
	RRu	1.68	1.53	1.23	1.35	1.21	1.24
	P	+++	+	N.S.	(+)	++	+++
	Random RR	1.38	1.26	1.04	1.15	1.19	1.22
	RRl	1.09	1.00	0.88	0.98	1.05	1.12
	RRu	1.75	1.58	1.23	1.35	1.34	1.32
	P	++	+	N.S.	(+)	++	+++
	Asymm P	N.S.	N.S.	(*)	*	*	**
	Between Chi		0.98	7.52	3.71	7.65	10.28
	Between df		1	1	1	1	4
	Between P		N.S.	--	(-)	--	*

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 24  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By any proxy use or not - adjusted

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89- 1.91)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87- 3.09)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48- 8.56)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22- 16.12)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78- 1.63)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60- 0.90)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30- 1.96)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77- 3.87)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60- 1.94)
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16	( 0.80- 1.69)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26- 5.10)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67- 1.84)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80- 1.60)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88- 1.39)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75	( 0.31- 1.78)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06- 2.21)
49	BOFFE2	14	f	s	a	-	2	-	-	-	-	1.00	( 0.50- 1.90)
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72	( 0.93- 3.18)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20	( 0.50- 2.90)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87	( 1.29- 2.71)
55	MALATS	9	f	s	e	-	2	-	-	-	-	1.50	( 0.77- 2.91)
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80	( 0.67- 4.60)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00	( 0.67- 1.49)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66- 1.33)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80	( 0.50- 1.30)
*67	VINEIS	17	f	t	c	-	7	-	-	-	-	1.05	( 0.55- 2.02)
Partial Totals								771	97399	483	83471		
*prospective study													

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 24  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female  
 By any proxy use or not - adjusted

Yes													
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93- 2.76)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76- 6.56)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77- 8.85)
26	JANERI	3	f	s	e	-	3	-	-	-	-	0.75	( 0.47- 1.20)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80- 1.20)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80- 3.00)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64- 1.85)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04- 1.60)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30- 1.13)
39	SCHWAR	6	f	h	e	a	2	-	-	-	-	1.10	( 0.72- 1.68)
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10	( 0.80- 1.50)
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03	( 0.60- 1.70)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20	( 0.62- 2.30)
58	LAGARD	4	f	h	a	a	6	-	-	-	-	1.15	( 0.84- 1.58)
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38	( 0.94- 2.04)
Partial Totals								185	633	87	352		

\*prospective study

Unkn													
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52	( 1.09- 5.85)
Totals								96	220	27	103		

\*prospective study

Relative risks		No	Yes	Unkn	Total
	N	43	20	2	65
	NS	43	20	2	65
	Wt	746.19	437.70	13.56	1197.45
	Het Chi	76.97	18.38	0.08	101.85
	Het df	42	19	1	64
	Het P	***	N.S.	N.S.	**
	Fixed RR	1.17	1.14	2.30	1.17
	RR1	1.09	1.04	1.35	1.10
	RRu	1.26	1.25	3.91	1.24
	P	+++	++	++	+++
	Random RR	1.23	1.14	2.30	1.22
	RR1	1.11	1.04	1.35	1.12
	RRu	1.38	1.25	3.91	1.32
	P	+++	++	++	+++
	Asymm P	*	N.S.		**
	Between Chi		0.15	6.07	6.42
	Between df		1	1	2
	Between P		N.S.	+	*

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)



Table 25  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Female

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

No								Numbers					
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75 ( 0.43-	1.30)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08 ( 1.20-	3.59)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80 ( 0.34-	1.90)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79 ( 0.25-	2.45)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01 ( 1.09-	3.72)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20 ( 0.50-	3.30)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50 ( 0.93-	2.76)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00 ( 0.37-	2.71)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30 ( 0.89-	1.91)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64 ( 0.87-	3.09)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65 ( 1.16-	2.35)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20 ( 0.70-	2.10)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25 ( 0.77-	8.85)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63 ( 0.92-	2.87)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36 ( 0.53-	3.49)
26	JANERI	3	f	s	e	-	3	-	-	-	-	0.75 ( 0.47-	1.20)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11 ( 1.09-	4.08)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13 ( 0.78-	1.63)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70 ( 0.60-	0.90)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77 ( 0.30-	1.96)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72 ( 0.77-	3.87)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58 ( 0.30-	1.13)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57 ( 0.84-	7.85)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08 ( 0.60-	1.94)
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 ( 0.80-	1.69)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26-	5.10)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 ( 0.67-	1.84)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11 ( 0.88-	1.39)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31-	1.78)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53 ( 1.06-	2.21)
49	BOFFE2	14	f	s	a	-	2	-	-	-	-	1.00 ( 0.50-	1.90)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 ( 0.50-	2.90)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 ( 1.29-	2.71)
55	MALATS	9	f	s	e	-	2	-	-	-	-	1.50 ( 0.77-	2.91)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 ( 0.62-	2.30)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 ( 0.67-	1.49)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 ( 0.93-	1.80)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48 ( 0.21-	1.09)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 ( 0.50-	1.30)
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94-	2.04)
Partial Totals								758	1542	453	1255		

\*prospective study

Yes								Numbers					
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07 ( 0.81-	5.25)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23 ( 0.81-	1.87)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68 ( 0.39-	6.90)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20 ( 0.76-	6.56)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00 ( 0.80-	1.20)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60 ( 0.80-	3.00)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29 ( 1.04-	1.60)
39	SCHWAR	6	f	h	e	a	2	-	-	-	-	1.10 ( 0.72-	1.68)
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 ( 0.80-	1.50)
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 ( 0.60-	1.70)
58	LAGARD	4	f	h	a	a	6	-	-	-	-	1.15 ( 0.84-	1.58)
Partial Totals								105	315	51	220		

\*prospective study

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 25

ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
Female

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

Unkn

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers		Non-exposed		RR	95.00%CI
								Exposed	Cont	Case	Cont		
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52	( 1.09- 5.85)
Totals								96	220	27	103		

\*prospective study

Relative risks		No	Yes	Unkn	Total
	N	42	11	2	55
	NS	42	11	2	55
	Wt	695.35	329.85	13.56	1038.76
Het	Chi	81.68	7.44	0.08	95.63
Het	df	41	10	1	54
Het	P	***	N.S.	N.S.	***
Fixed	RR	1.15	1.16	2.30	1.16
	RRl	1.06	1.04	1.35	1.09
	RRu	1.23	1.29	3.91	1.23
	P	+++	++	++	+++
Random	RR	1.20	1.16	2.30	1.21
	RRl	1.07	1.04	1.35	1.11
	RRu	1.35	1.29	3.91	1.33
	P	++	++	++	+++
Asymm	P	N.S.	*		*
Between	Chi		0.02	6.43	6.43
Between	df		1	1	2
Between	P		N.S.	+	*

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Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 26  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Male  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97 (	0.38- 10.32)
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51 (	0.14- 1.79)
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25 (	1.05- 4.76)
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00 (	0.20- 5.07)
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80 (	0.39- 6.96)
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30 (	0.38- 4.39)
15	HUMBL1	2	m	s	e	-	2	-	-	-	-	4.08 (	0.70- 23.91)
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73 (	0.49- 15.21)
*24	HOLE	1	m	h	e	b	0	2	243	1	428	3.52 (	0.32- 38.65)
26	JANERI	2	m	s	e	-	3	-	-	-	-	0.75 (	0.31- 1.78)
36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47 (	0.55- 3.94)
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60 (	0.67- 3.82)
39	SCHWAR	4	m	h	e	a	2	-	-	-	-	1.10 (	0.60- 2.03)
*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10 (	0.60- 1.80)
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67 (	0.22- 2.04)
45	AUVINE	2	m	t	e	-	1	-	-	-	-	0.69 (	0.28- 1.74)
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47 (	0.81- 2.66)
55	MALATS	8	m	s	e	-	2	-	-	-	-	1.50 (	0.41- 5.43)
56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56 (	0.20- 1.40)
58	LAGARD	2	m	h	a	a	6	-	-	-	-	1.15 (	0.81- 1.63)
*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	0.63 (	0.33- 1.22)
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40 (	0.10- 3.00)
66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34 (	0.82- 2.17)
*67	VINEIS	16	m	t	c	-	7	-	-	-	-	1.05 (	0.37- 3.01)
Partial Totals								24	348	48	730		
*prospective study													

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Ys	Ws	Qs	Ps
3	CORREA	1	m	s	e	-	0	0.68	1.41	0.42	0.4200
5	BUFFLE	1	m	h	e	a	0	-0.68	2.42	1.60	0.2896
*6	HIRAYA	2	m	s	e	-	1	0.81	6.73	3.10	0.0355
7	KABAT1	3	m	s	e	-	0	0.00	1.46	0.03	1.0000
11	AKIBA	2	m	s	e	-	5	0.59	1.85	0.39	0.4240
12	LEE	4	m	s	m	-	1	0.26	2.57	0.04	0.6743
15	HUMBL1	2	m	s	e	-	2	1.41	1.23	2.00	0.1185
23	CHOI	1	m	s	e	-	0	1.00	1.30	0.99	0.2525
*24	HOLE	1	m	h	e	b	0	1.26	0.67	0.85	0.3028
26	JANERI	2	m	s	e	-	3	-0.29	5.03	0.88	0.5188
36	LAYARD	2	m	s	e	-	2	0.39	3.96	0.26	0.4431
38	KABAT2	4	m	s	a	-	3	0.47	5.07	0.58	0.2899
39	SCHWAR	4	m	h	e	a	2	0.10	10.34	0.01	0.7592
*43	CARDEN	12	m	s	m	-	8	0.10	12.73	0.02	0.7338
44	ZHENG	1	m	h	e	a	0	-0.41	3.07	0.88	0.4776
45	AUVINE	2	m	t	e	-	1	-0.37	4.60	1.16	0.4259
46	BOFFET	7	m	s	e	-	2	0.39	10.87	0.70	0.2041
55	MALATS	8	m	s	e	-	2	0.41	2.30	0.17	0.5384
56	WANGL	34	m	h	a	a	5	-0.58	4.06	2.05	0.2428
58	LAGARD	2	m	h	a	a	6	0.14	31.42	0.00	0.4334
*63	ENSTRO	6	m	s	e	-	8	-0.46	8.99	3.17	0.1660
65	IARCKR	3	m	s	a	-	0	-0.92	1.33	1.46	0.2910
66	MCGHEE	1	m	h	p	a	2	0.29	16.22	0.42	0.2385
*67	VINEIS	16	m	t	c	-	7	0.05	3.50	0.02	0.9273

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), ever (e)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 26  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Male  
 Overall analysis - adjusted

Relative risks

	N	24
	NS	24
	Wt	143.12
Het	Chi	21.22
Het	df	23
Het	P	N.S.
Fixed	RR	1.14
	RRl	0.97
	RRu	1.34
	P	N.S.
Random	RR	1.14
	RRl	0.97
	RRu	1.34
	P	N.S.
Asymm	P	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), ever (e)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 27  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Male  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97 (	0.38- 10.32)
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51 (	0.14- 1.79)
*6	HIRAYA	1	m	s	e	-	0	7	1010	57	19279	2.34 (	1.07- 5.13)
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00 (	0.20- 5.07)
11	AKIBA	1	m	s	e	-	0	3	9	16	101	2.10 (	0.51- 8.61)
12	LEE	3	m	s	m	-	0	8	14	7	16	1.31 (	0.38- 4.52)
15	HUMBL1	1	m	s	e	-	0	5	37	3	93	4.19 (	0.95- 18.42)
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73 (	0.49- 15.21)
*24	HOLE	1	m	h	e	b	0	2	243	1	428	3.52 (	0.32- 38.65)
26	JANERI	2	m	s	e	-	3	-	-	-	-	0.75 (	0.31- 1.78)
36	LAYARD	1	m	s	e	-	0	6	215	15	783	1.46 (	0.56- 3.80)
38	KABAT2	3	m	s	a	-	0	11	19	28	79	1.63 (	0.69- 3.85)
39	SCHWAR	3	m	h	e	a	0	-	-	-	-	1.18 (	0.63- 2.20)
*43	CARDEN	11	m	s	m	-	0	18	19549	79	76993	0.90 (	0.54- 1.50)
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67 (	0.22- 2.04)
45	AUVINE	1	m	t	e	-	0	17	81	27	148	1.15 (	0.59- 2.24)
46	BOFFET	6	m	s	e	-	0	23	68	118	462	1.32 (	0.79- 2.21)
55	MALATS	1	m	s	e	-	0	-	-	-	-	1.70 (	0.55- 5.26)
56	WANGL	33	m	h	a	a	0	14	57	19	57	0.74 (	0.34- 1.61)
58	LAGARD	1	m	h	a	a	0	-	-	-	-	1.15 (	0.83- 1.59)
*63	ENSTRO	3	m	s	e	-	1	-	-	-	-	0.75 (	0.42- 1.35)
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40 (	0.10- 3.00)
66	MCGHEE	5	m	h	p	a	0	33	71	112	347	1.44 (	0.90- 2.29)
*67	VINEIS	14	m	t	c	-	0	-	-	-	-	1.03 (	0.44- 2.42)
Partial Totals								169	21478	529	99088		
*prospective study													

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Ys	Ws	Qs	Ps
3	CORREA	1	m	s	e	-	0	0.68	1.41	0.39	0.4200
5	BUFFLE	1	m	h	e	a	0	-0.68	2.42	1.67	0.2896
*6	HIRAYA	1	m	s	e	-	0	0.85	6.28	3.08	0.0328
7	KABAT1	3	m	s	e	-	0	0.00	1.46	0.03	1.0000
11	AKIBA	1	m	s	e	-	0	0.74	1.93	0.68	0.3008
12	LEE	3	m	s	m	-	0	0.27	2.49	0.03	0.6735
15	HUMBL1	1	m	s	e	-	0	1.43	1.75	2.87	0.0580
23	CHOI	1	m	s	e	-	0	1.00	1.30	0.94	0.2525
*24	HOLE	1	m	h	e	b	0	1.26	0.67	0.82	0.3028
26	JANERI	2	m	s	e	-	3	-0.29	5.03	0.97	0.5188
36	LAYARD	1	m	s	e	-	0	0.38	4.18	0.21	0.4418
38	KABAT2	3	m	s	a	-	0	0.49	5.21	0.60	0.2627
39	SCHWAR	3	m	h	e	a	0	0.17	9.83	0.00	0.6039
*43	CARDEN	11	m	s	m	-	0	-0.11	14.67	0.99	0.6783
44	ZHENG	1	m	h	e	a	0	-0.41	3.07	0.95	0.4776
45	AUVINE	1	m	t	e	-	0	0.14	8.70	0.00	0.6794
46	BOFFET	6	m	s	e	-	0	0.28	14.53	0.24	0.2843
55	MALATS	1	m	s	e	-	0	0.53	3.01	0.43	0.3569
56	WANGL	33	m	h	a	a	0	-0.31	6.28	1.31	0.4440
58	LAGARD	1	m	h	a	a	0	0.14	36.36	0.00	0.3994
*63	ENSTRO	3	m	s	e	-	1	-0.29	11.27	2.17	0.3341
65	IARCKR	3	m	s	a	-	0	-0.92	1.33	1.51	0.2910
66	MCGHEE	5	m	h	p	a	0	0.36	17.79	0.81	0.1240
*67	VINEIS	14	m	t	c	-	0	0.03	5.29	0.08	0.9458

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), ever (e)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 27  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Male  
 Overall analysis- unadjusted

Relative risks

	N	24
	NS	24
	Wt	166.26
Het	Chi	20.83
Het	df	23
Het	P	N.S.
Fixed	RR	1.16
	RRl	1.00
	RRu	1.35
	P	(+)
Random	RR	1.16
	RRl	1.00
	RRu	1.35
	P	(+)
Asymm	P	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), ever (e)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 28  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Male  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
3	CORREA 1		m	s	e	-	0	2	26	6	154	1.97 ( 0.38- 10.32)	
5	BUFFLE 1		m	h	e	a	0	5	56	6	34	0.51 ( 0.14- 1.79)	
7	KABAT1 3		m	s	e	-	0	5	5	7	7	1.00 ( 0.20- 5.07)	
15	HUMBL1 2		m	s	e	-	2	-	-	-	-	4.08 ( 0.70- 23.91)	
26	JANERI 2		m	s	e	-	3	-	-	-	-	0.75 ( 0.31- 1.78)	
36	LAYARD 2		m	s	e	-	2	-	-	-	-	1.47 ( 0.55- 3.94)	
38	KABAT2 4		m	s	a	-	3	-	-	-	-	1.60 ( 0.67- 3.82)	
39	SCHWAR 4		m	h	e	a	2	-	-	-	-	1.10 ( 0.60- 2.03)	
*43	CARDEN 12		m	s	m	-	8	-	-	-	-	1.10 ( 0.60- 1.80)	
*63	ENSTRO 6		m	s	e	-	8	-	-	-	-	0.63 ( 0.33- 1.22)	
Partial Totals								12	87	19	195		
*prospective study													

Europe

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
12	LEE 4		m	s	m	-	1	-	-	-	-	1.30 ( 0.38- 4.39)	
*24	HOLE 1		m	h	e	b	0	2	243	1	428	3.52 ( 0.32- 38.65)	
45	AUVINE 2		m	t	e	-	1	-	-	-	-	0.69 ( 0.28- 1.74)	
46	BOFFET 7		m	s	e	-	2	-	-	-	-	1.47 ( 0.81- 2.66)	
55	MALATS 8		m	s	e	-	2	-	-	-	-	1.50 ( 0.41- 5.43)	
58	LAGARD 2		m	h	a	a	6	-	-	-	-	1.15 ( 0.81- 1.63)	
65	IARCKR 3		m	s	a	-	0	-	-	-	-	0.40 ( 0.10- 3.00)	
*67	VINEIS 16		m	t	c	-	7	-	-	-	-	1.05 ( 0.37- 3.01)	
Partial Totals								2	243	1	428		
*prospective study													

Asia

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*6	HIRAYA 2		m	s	e	-	1	-	-	-	-	2.25 ( 1.05- 4.76)	
11	AKIBA 2		m	s	e	-	5	-	-	-	-	1.80 ( 0.39- 6.96)	
23	CHOI 1		m	s	e	-	0	2	6	11	90	2.73 ( 0.49- 15.21)	
44	ZHENG 1		m	h	e	a	0	8	12	17	17	0.67 ( 0.22- 2.04)	
56	WANGL 34		m	h	a	a	5	-	-	-	-	0.56 ( 0.20- 1.40)	
66	MCGHEE 1		m	h	p	a	2	-	-	-	-	1.34 ( 0.82- 2.17)	
Partial Totals								10	18	28	107		
*prospective study													

		NAmerica	Europe	Asia	Other	Total
Relative risks						
		N	10	8	6	24
		NS	10	8	6	24
		Wt	52.64	57.26	33.23	143.12
		Het Chi	8.42	4.41	7.19	21.22
		Het df	9	7	5	23
		Het P	N.S.	N.S.	N.S.	N.S.
Fixed		RR	1.03	1.16	1.31	1.14
		RRl	0.79	0.89	0.93	0.97
		RRu	1.35	1.50	1.84	1.34
		P	N.S.	N.S.	N.S.	N.S.
Random		RR	1.03	1.16	1.28	1.14
		RRl	0.79	0.89	0.81	0.97
		RRu	1.35	1.50	2.02	1.34
		P	N.S.	N.S.	N.S.	N.S.

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), ever (e)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 28  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Male  
 By continent - adjusted

		NAmerica	Europe	Asia	Other	Total
Relative risks	Asymm P	N.S.	N.S.	N.S.		N.S.
	Between Chi		0.36	1.19		1.20
	Between df		1	1		2
	Between P		N.S.	N.S.	N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), ever (e)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)



Table 29  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Male  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
3	CORREA 1		m	s	e	-	0	2	26	6	154	1.97 ( 0.38- 10.32)	
5	BUFFLE 1		m	h	e	a	0	5	56	6	34	0.51 ( 0.14- 1.79)	
7	KABAT1 3		m	s	e	-	0	5	5	7	7	1.00 ( 0.20- 5.07)	
15	HUMBL1 1		m	s	e	-	0	5	37	3	93	4.19 ( 0.95- 18.42)	
26	JANERI 2		m	s	e	-	3	-	-	-	-	0.75 ( 0.31- 1.78)	
36	LAYARD 1		m	s	e	-	0	6	215	15	783	1.46 ( 0.56- 3.80)	
38	KABAT2 3		m	s	a	-	0	11	19	28	79	1.63 ( 0.69- 3.85)	
39	SCHWAR 3		m	h	e	a	0	-	-	-	-	1.18 ( 0.63- 2.20)	
*43	CARDEN 11		m	s	m	-	0	18	19549	79	76993	0.90 ( 0.54- 1.50)	
*63	ENSTRO 3		m	s	e	-	1	-	-	-	-	0.75 ( 0.42- 1.35)	
Partial Totals								52	19907	144	78143		
*prospective study													

Europe

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
12	LEE 3		m	s	m	-	0	8	14	7	16	1.31 ( 0.38- 4.52)	
*24	HOLE 1		m	h	e	b	0	2	243	1	428	3.52 ( 0.32- 38.65)	
45	AUVINE 1		m	t	e	-	0	17	81	27	148	1.15 ( 0.59- 2.24)	
46	BOFFET 6		m	s	e	-	0	23	68	118	462	1.32 ( 0.79- 2.21)	
55	MALATS 1		m	s	e	-	0	-	-	-	-	1.70 ( 0.55- 5.26)	
58	LAGARD 1		m	h	a	a	0	-	-	-	-	1.15 ( 0.83- 1.59)	
65	IARCKR 3		m	s	a	-	0	-	-	-	-	0.40 ( 0.10- 3.00)	
*67	VINEIS 14		m	t	c	-	0	-	-	-	-	1.03 ( 0.44- 2.42)	
Partial Totals								50	406	153	1054		
*prospective study													

Asia

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*6	HIRAYA 1		m	s	e	-	0	7	1010	57	19279	2.34 ( 1.07- 5.13)	
11	AKIBA 1		m	s	e	-	0	3	9	16	101	2.10 ( 0.51- 8.61)	
23	CHOI 1		m	s	e	-	0	2	6	11	90	2.73 ( 0.49- 15.21)	
44	ZHENG 1		m	h	e	a	0	8	12	17	17	0.67 ( 0.22- 2.04)	
56	WANGL 33		m	h	a	a	0	14	57	19	57	0.74 ( 0.34- 1.61)	
66	MCGHEE 5		m	h	p	a	0	33	71	112	347	1.44 ( 0.90- 2.29)	
Totals								67	1165	232	19891		
*prospective study													

Relative risks	NAmerica		Europe		Asia		Other		Total	
	N	NS	N	NS	N	NS	N	NS	N	NS
			10	10	8	8	6	6	24	24
	Wt		57.22		72.38		36.66		166.26	
	Het Chi		8.97		3.10		6.84		20.83	
	Het df		9		7		5		23	
	Het P		N.S.		N.S.		N.S.		N.S.	
	Fixed RR		1.02		1.19		1.37		1.16	
	RRl		0.79		0.94		0.99		1.00	
	RRu		1.33		1.49		1.89		1.35	
	P		N.S.		N.S.		(+)		(+)	
	Random RR		1.02		1.19		1.36		1.16	
	RRl		0.79		0.94		0.89		1.00	
	RRu		1.33		1.49		2.06		1.35	
	P		N.S.		N.S.		N.S.		(+)	

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), ever (e)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 29  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Male  
 By continent - unadjusted

		NAmerica	Europe	Asia	Other	Total
Relative risks	Asymm P	N.S.	N.S.	N.S.		N.S.
	Between Chi		0.71	1.86		1.92
	Between df		1	1		2
	Between P		N.S.	N.S.	N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), ever (e)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 30  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97	( 0.38- 10.32)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
Subtotal 3												2.04	( 0.91- 4.61)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51	( 0.14- 1.79)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
Subtotal 5												0.69	( 0.34- 1.41)
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25	( 1.05- 4.76)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)
Subtotal 6												1.57	( 1.14- 2.17)
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00	( 0.20- 5.07)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
Subtotal 7												0.85	( 0.34- 2.16)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80	( 0.39- 6.96)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93- 2.76)
Subtotal 11												1.53	( 0.92- 2.55)
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30	( 0.38- 4.39)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
Subtotal 12												1.11	( 0.51- 2.40)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89- 1.91)
15	HUMBL1	2	m	s	e	-	2	-	-	-	-	4.08	( 0.70- 23.91)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76- 6.56)
Subtotal 15												2.60	( 1.04- 6.53)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87- 3.09)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48- 8.56)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77- 8.85)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73	( 0.49- 15.21)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)
Subtotal 23												1.71	( 1.00- 2.93)
*24	HOLE	3	c	h	e	b	2	-	-	-	-	2.41	( 0.45- 12.83)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75	( 0.48- 1.18)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78- 1.63)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60- 0.90)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30- 1.96)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80- 1.20)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80- 3.00)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64- 1.85)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77- 3.87)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04- 1.60)
36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47	( 0.55- 3.94)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30- 1.13)
Subtotal 36												0.78	( 0.45- 1.34)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60	( 0.67- 3.82)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60- 1.94)
Subtotal 38												1.22	( 0.75- 1.99)
39	SCHWAR	8	c	h	e	a	2	-	-	-	-	1.10	( 0.80- 1.60)
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16	( 0.80- 1.69)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26- 5.10)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67- 1.84)
*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10	( 0.60- 1.80)

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 30  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20 ( 0.80- 1.60)	
Subtotal	43											1.17 ( 0.87- 1.57)	
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67 ( 0.22- 2.04)	
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09- 5.85)	
Subtotal	44											1.56 ( 0.80- 3.06)	
45	AUVINE	2	m	t	e	-	1	-	-	-	-	0.69 ( 0.28- 1.74)	
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47 ( 0.81- 2.66)	
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11 ( 0.88- 1.39)	
Subtotal	46											1.15 ( 0.93- 1.42)	
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31- 1.78)	
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53 ( 1.06- 2.21)	
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00 ( 0.50- 1.80)	
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 ( 0.93- 3.18)	
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 ( 0.50- 2.90)	
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50 ( 0.30- 6.30)	
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 ( 0.80- 1.50)	
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 ( 1.29- 2.71)	
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50 ( 0.80- 2.60)	
56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56 ( 0.20- 1.40)	
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 ( 0.60- 1.70)	
Subtotal	56											0.90 ( 0.57- 1.42)	
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 ( 0.62- 2.30)	
58	LAGARD	6	c	h	a	a	6	-	-	-	-	1.15 ( 0.91- 1.45)	
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 ( 0.67- 4.60)	
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 ( 0.67- 1.49)	
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 ( 0.93- 1.80)	
*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	0.63 ( 0.33- 1.22)	
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94 ( 0.66- 1.33)	
Subtotal	63											0.86 ( 0.63- 1.17)	
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48 ( 0.21- 1.09)	
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40 ( 0.10- 3.00)	
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 ( 0.50- 1.30)	
Subtotal	65											0.76 ( 0.48- 1.20)	
66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34 ( 0.82- 2.17)	
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94- 2.04)	
Subtotal	66											1.36 ( 1.01- 1.85)	
*67	VINEIS	1	c	t	c	-	7	-	-	-	-	1.05 ( 0.60- 1.82)	
Partial Totals								1069	97062	643	83739		

\*prospective study

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Ys	Ws	Qs	Ps
*1	GARFI1	1	f	s	c	-	0	0.16	37.42	0.00	0.3420
2	CHAN	1	f	s	e	-	0	-0.28	12.78	2.46	0.3086
3	CORREA	1	m	s	e	-	0	0.68	1.41	0.39	0.4200
3	CORREA	2	f	s	e	-	0	0.73	4.41	1.44	0.1276
Subtotal	3							1.10	5.82	1.83	
4	TRICHO	1	f	s	y	-	0	0.73	12.77	4.24	0.0091
5	BUFFLE	1	m	h	e	a	0	-0.68	2.42	1.68	0.2896
5	BUFFLE	2	f	h	e	a	0	-0.22	5.19	0.71	0.6209
Subtotal	5							-1.21	7.61	2.40	
*6	HIRAYA	2	m	s	e	-	1	0.81	6.73	2.91	0.0355
*6	HIRAYA	8	f	s	e	-	1	0.37	30.26	1.44	0.0410
Subtotal	6							0.88	36.99	4.34	
7	KABAT1	3	m	s	e	-	0	0.00	1.46	0.03	1.0000
7	KABAT1	4	f	s	e	-	0	-0.24	2.99	0.46	0.6802
Subtotal	7							-0.55	4.45	0.49	
8	GARFI2	3	f	s	e	-	0	0.21	22.25	0.07	0.3229
9	LAMW	1	f	s	e	-	0	0.70	10.14	3.01	0.0261
10	WU	3	f	s	m	-	1	0.18	4.31	0.00	0.7049
11	AKIBA	2	m	s	e	-	5	0.59	1.85	0.35	0.4240
11	AKIBA	4	f	s	e	-	5	0.41	12.99	0.82	0.1440
Subtotal	11							0.69	14.84	1.17	

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 30  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Ys	Ws	Qs	Ps
12	LEE	4	m	s	m	-	1	0.26	2.57	0.03	0.6743
12	LEE	6	f	s	m	-	1	0.00	3.88	0.09	1.0000
Subtotal	12							-0.04	6.44	0.12	
13	BROWN1	2	f	t	e	-	3	0.52	1.86	0.25	0.4791
14	GAO	8	f	s	m	-	2	0.27	26.20	0.33	0.1741
15	HUMBL1	2	m	s	e	-	2	1.41	1.23	1.93	0.1185
15	HUMBL1	4	f	s	e	-	2	0.79	3.31	1.33	0.1516
Subtotal	15							1.89	4.54	3.27	
16	KOO	3	f	s	m	-	4	0.49	9.57	1.11	0.1260
17	LAMT	1	f	s	m	-	0	0.50	30.63	3.67	0.0057
18	PERSHA	2	f	s	m	-	2	0.18	12.73	0.01	0.5153
*19	BUTLER	2	f	s	m	-	1	0.70	1.85	0.56	0.3388
20	GENG	1	f	s	e	-	0	0.77	8.13	3.07	0.0285
21	INOUE	2	f	s	e	-	1	0.81	2.58	1.11	0.1930
22	SHIMIZ	2	f	s	m	-	0	0.08	14.20	0.08	0.7646
23	CHOI	1	m	s	e	-	0	1.00	1.30	0.94	0.2525
23	CHOI	2	f	s	e	-	0	0.49	11.99	1.33	0.0916
Subtotal	23							1.18	13.29	2.27	
*24	HOLE	3	c	h	e	b	2	0.88	1.37	0.72	0.3034
25	SVENSS	5	f	t	a	-	1	0.31	4.33	0.10	0.5225
26	JANERI	4	c	s	e	-	3	-0.29	18.99	3.70	0.2099
27	KALAND	3	f	s	m	-	4	0.75	8.82	3.10	0.0266
28	SOBUE	2	f	s	a	-	2	0.12	28.29	0.03	0.5157
29	WU-WIL	4	f	s	e	-	3	-0.36	93.46	24.33	0.0006
30	LIUZ	2	f	h	c	a	3	-0.26	4.36	0.75	0.5852
31	BROWN2	4	f	s	a	-	2	0.00	93.46	2.20	1.0000
32	STOCKW	3	f	s	e	-	3	0.47	8.80	0.88	0.1634
33	DU	1	f	s	e	-	0	0.09	13.61	0.06	0.7506
34	LIUQ	2	f	s	e	-	3	0.54	5.89	0.89	0.1880
35	FONTHA	6	f	s	a	-	8	0.25	82.80	0.85	0.0205
36	LAYARD	2	m	s	e	-	2	0.39	3.96	0.21	0.4431
36	LAYARD	4	f	s	e	-	2	-0.54	8.74	4.26	0.1074
Subtotal	36							-0.47	12.70	4.47	
37	DEWAAR	1	f	t	c	-	0	0.94	3.07	1.91	0.0986
38	KABAT2	4	m	s	a	-	3	0.47	5.07	0.51	0.2899
38	KABAT2	6	f	s	a	-	3	0.08	11.16	0.07	0.7971
Subtotal	38							0.24	16.23	0.57	
39	SCHWAR	8	c	h	e	a	2	0.10	31.98	0.11	0.5899
40	SUN	2	f	s	m	-	2	0.15	27.47	0.00	0.4366
41	WANGS	1	f	t	e	-	0	0.93	7.83	4.71	0.0093
42	WANGT	2	f	s	m	-	0	0.10	14.90	0.04	0.6978
*43	CARDEN	12	m	s	m	-	8	0.10	12.73	0.04	0.7338
*43	CARDEN	10	f	s	m	-	8	0.18	31.98	0.03	0.3025
Subtotal	43							-0.03	44.71	0.07	
44	ZHENG	1	m	h	e	a	0	-0.41	3.07	0.96	0.4776
44	ZHENG	2	f	h	e	a	0	0.93	5.43	3.24	0.0310
Subtotal	44							0.21	8.50	4.20	
45	AUVINE	2	m	t	e	-	1	-0.37	4.60	1.27	0.4259
46	BOFFET	7	m	s	e	-	2	0.39	10.87	0.58	0.2041
46	BOFFET	9	f	s	e	-	2	0.10	73.53	0.18	0.3709
Subtotal	46							0.18	84.40	0.76	
47	SHEN	1	f	t	y	-	0	-0.29	5.07	1.01	0.5088
48	ZARIDZ	4	f	s	e	-	2	0.43	28.46	2.10	0.0233
49	BOFFE2	12	c	s	a	-	2	0.00	9.36	0.22	1.0000
*50	JEE	4	f	s	e	-	5	0.54	10.17	1.54	0.0838
51	RAPITI	2	f	s	e	-	3	0.18	4.97	0.00	0.6843
*52	SPEIZE	1	f	t	a	-	1	0.41	1.66	0.11	0.6016
53	ZHONG	2	f	s	e	-	7	0.10	38.89	0.13	0.5523
54	LEECH	8	f	s	a	-	7	0.63	27.89	6.22	0.0009
55	MALATS	12	c	s	e	-	2	0.41	11.06	0.70	0.1775
56	WANGL	34	m	h	a	a	5	-0.58	4.06	2.18	0.2428
56	WANGL	36	f	h	a	a	5	0.03	14.17	0.22	0.9114
Subtotal	56							-0.86	18.22	2.40	
57	JOHNSO	8	f	h	e	a	4	0.18	8.94	0.01	0.5856

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 30  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Ys	Ws	Qs	Ps
58	LAGARD	6	c	h	a	a	6	0.14	70.80	0.01	0.2396
*59	NISHIN	2	f	s	c	-	7	0.59	4.14	0.78	0.2317
60	OHNO	6	f	s	e	-	2	0.00	24.05	0.57	1.0000
62	SEOW	1	f	h	e	a	0	0.26	34.66	0.36	0.1317
*63	ENSTRO	6	m	s	e	-	8	-0.46	8.99	3.41	0.1660
*63	ENSTRO	12	f	s	e	-	8	-0.06	31.30	1.45	0.7292
Subtotal	63							-0.83	40.28	4.86	
64	ZATLOU	6	f	t	a	-	3	-0.73	5.67	4.46	0.0806
65	IARCKR	3	m	s	a	-	0	-0.92	1.33	1.52	0.2910
65	IARCKR	2	f	s	a	-	2	-0.22	16.83	2.39	0.3600
Subtotal	65							-1.45	18.16	3.91	
66	MCGHEE	1	m	h	p	a	2	0.29	16.22	0.31	0.2385
66	MCGHEE	2	f	h	p	a	2	0.32	25.59	0.73	0.1032
Subtotal	66							0.31	41.82	1.04	
*67	VINEIS	1	c	t	c	-	7	0.05	12.48	0.14	0.8632

Relative risks

	N	83
	NS	66
	Wt	1338.73
Het	Chi	122.19
Het	df	82
Het	P	**
Fixed	RR	1.17
	RRl	1.11
	RRu	1.23
	P	+++
Random	RR	1.21
	RRl	1.12
	RRu	1.30
	P	+++
Asymm	P	*

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 31  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97	( 0.38- 10.32)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
Subtotal 3												2.04	( 0.91- 4.61)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51	( 0.14- 1.79)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
Subtotal 5												0.69	( 0.34- 1.41)
*6	HIRAYA	1	m	s	e	-	0	7	1010	57	19279	2.34	( 1.07- 5.13)
*6	HIRAYA	7	f	s	e	-	0	163	69645	37	21895	1.38	( 0.97- 1.98)
Subtotal 6												1.52	( 1.10- 2.10)
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00	( 0.20- 5.07)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
Subtotal 7												0.85	( 0.34- 2.16)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
10	WU	2	f	s	m	-	0	19	33	9	22	1.41	( 0.54- 3.67)
11	AKIBA	1	m	s	e	-	0	3	9	16	101	2.10	( 0.51- 8.61)
11	AKIBA	3	f	s	e	-	0	73	188	21	82	1.52	( 0.87- 2.63)
Subtotal 11												1.58	( 0.95- 2.64)
12	LEE	3	m	s	m	-	0	8	14	7	16	1.31	( 0.38- 4.52)
12	LEE	5	f	s	m	-	0	22	45	10	21	1.03	( 0.41- 2.55)
Subtotal 12												1.12	( 0.54- 2.33)
13	BROWN1	1	f	t	e	-	0	4	7	15	40	1.52	( 0.39- 5.96)
14	GAO	4	f	s	m	-	0	189	276	57	99	1.19	( 0.82- 1.73)
15	HUMBL1	1	m	s	e	-	0	5	37	3	93	4.19	( 0.95- 18.42)
15	HUMBL1	3	f	s	e	-	0	15	91	5	71	2.34	( 0.81- 6.75)
Subtotal 15												2.85	( 1.20- 6.74)
16	KOO	2	f	s	m	-	0	51	66	35	70	1.55	( 0.90- 2.67)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
18	PERSHA	1	f	s	m	-	0	37	153	33	141	1.03	( 0.61- 1.74)
*19	BUTLER	1	f	s	m	-	0	3	10579	5	43052	2.44	( 0.58- 10.22)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	1	f	s	e	-	0	18	30	4	17	2.55	( 0.74- 8.78)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73	( 0.49- 15.21)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)
Subtotal 23												1.71	( 1.00- 2.93)
*24	HOLE	1	m	h	e	b	0	2	243	1	428	3.52	( 0.32- 38.65)
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22- 16.12)
Subtotal 24												2.49	( 0.50- 12.31)
25	SVENSS	1	f	t	a	-	0	24	114	10	60	1.26	( 0.57- 2.81)
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75	( 0.48- 1.18)
27	KALAND	2	f	s	m	-	0	64	70	26	46	1.62	( 0.90- 2.91)
28	SOBUE	1	f	s	a	-	0	80	395	64	336	1.06	( 0.74- 1.52)
29	WU-WIL	3	f	s	e	-	0	205	331	212	271	0.79	( 0.62- 1.02)
30	LIUZ	1	f	h	c	a	0	45	176	9	26	0.74	( 0.32- 1.69)
31	BROWN2	3	f	s	a	-	0	218	598	213	568	0.97	( 0.78- 1.21)
32	STOCKW	2	f	s	e	-	0	44	55	18	36	1.60	( 0.80- 3.19)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64- 1.85)
34	LIUQ	1	f	s	e	-	0	25	37	13	32	1.66	( 0.73- 3.78)
35	FONTHA	5	f	s	a	-	0	433	766	218	487	1.26	( 1.04- 1.54)
36	LAYARD	1	m	s	e	-	0	6	215	15	783	1.46	( 0.56- 3.80)
36	LAYARD	3	f	s	e	-	0	15	961	24	969	0.63	( 0.33- 1.21)
Subtotal 36												0.82	( 0.48- 1.41)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
38	KABAT2	3	m	s	a	-	0	11	19	28	79	1.63	( 0.69- 3.85)
38	KABAT2	5	f	s	a	-	0	41	102	26	71	1.10	( 0.62- 1.96)
Subtotal 38												1.24	( 0.77- 2.01)
39	SCHWAR	7	c	h	e	a	0	172	175	85	102	1.18	( 0.83- 1.68)
40	SUN	11	f	s	m	-	0	144	136	86	94	1.16	( 0.80- 1.68)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26- 5.10)

Within each study, results are included (in the following order of preference) for:

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- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 31  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67- 1.84)
*43	CARDEN	11	m	s	m	-	0	18	19549	79	76993	0.90	( 0.54- 1.50)
*43	CARDEN	9	f	s	m	-	0	96	114286	54	77948	1.21	( 0.87- 1.69)
Subtotal		43										1.11	( 0.84- 1.47)
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67	( 0.22- 2.04)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52	( 1.09- 5.85)
Subtotal		44										1.56	( 0.80- 3.06)
45	AUVINE	1	m	t	e	-	0	17	81	27	148	1.15	( 0.59- 2.24)
46	BOFFET	6	m	s	e	-	0	23	68	118	462	1.32	( 0.79- 2.21)
46	BOFFET	8	f	s	e	-	0	321	632	187	376	1.02	( 0.82- 1.27)
Subtotal		46										1.06	( 0.87- 1.30)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75	( 0.31- 1.78)
48	ZARIDZ	3	f	s	e	-	0	109	163	80	195	1.63	( 1.14- 2.33)
49	BOFFE2	11	c	s	a	-	0	33	75	37	103	1.22	( 0.70- 2.14)
*50	JEE	3	f	s	e	-	1	67	-	12	-	1.80	( 0.98- 3.30)
51	RAPITI	1	f	s	e	-	0	13	21	28	46	1.02	( 0.44- 2.35)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)
53	ZHONG	1	f	s	e	-	0	322	377	182	224	1.05	( 0.82- 1.34)
54	LEECH	7	f	s	a	-	0	186	253	82	192	1.72	( 1.25- 2.37)
55	MALATS	11	c	s	e	-	0	58	42	64	79	1.70	( 1.02- 2.86)
56	WANGL	33	m	h	a	a	0	14	57	19	57	0.74	( 0.34- 1.61)
56	WANGL	35	f	h	a	a	0	169	337	31	70	1.13	( 0.71- 1.80)
Subtotal		56										1.01	( 0.68- 1.51)
57	JOHNSO	7	f	h	e	a	0	54	543	17	218	1.28	( 0.72- 2.25)
58	LAGARD	5	c	h	a	a	0	179	611	254	997	1.15	( 0.93- 1.43)
*59	NISHIN	1	f	s	c	-	0	11	30566	13	43361	1.20	( 0.54- 2.68)
60	OHNO	5	f	s	e	-	0	139	239	52	90	1.01	( 0.67- 1.50)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)
*63	ENSTRO	3	m	s	e	-	1	-	-	-	-	0.75	( 0.42- 1.35)
*63	ENSTRO	9	f	s	e	-	1	-	-	-	-	0.99	( 0.72- 1.37)
Subtotal		63										0.93	( 0.70- 1.23)
64	ZATLOU	3	f	t	a	-	0	7	155	77	734	0.43	( 0.19- 0.95)
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40	( 0.10- 3.00)
65	IARCKR	1	f	s	a	-	0	-	-	-	-	0.90	( 0.60- 1.40)
Subtotal		65										0.86	( 0.57- 1.29)
66	MCGHEE	5	m	h	p	a	0	33	71	112	347	1.44	( 0.90- 2.29)
66	MCGHEE	6	f	h	p	a	0	96	150	83	195	1.50	( 1.05- 2.16)
Subtotal		66										1.48	( 1.11- 1.97)
*67	VINEIS	13	c	t	c	-	0	57	71722	40	51757	1.03	( 0.69- 1.54)
Partial Totals								5242	424931	3654	428207		

\*prospective study

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Ys	Ws	Qs	Ps
*1	GARFI1	1	f	s	c	-	0	0.16	37.42	0.01	0.3420
2	CHAN	1	f	s	e	-	0	-0.28	12.78	2.61	0.3086
3	CORREA	1	m	s	e	-	0	0.68	1.41	0.37	0.4200
3	CORREA	2	f	s	e	-	0	0.73	4.41	1.38	0.1276
Subtotal		3						1.07	5.82	1.75	
4	TRICHO	1	f	s	y	-	0	0.73	12.77	4.05	0.0091
5	BUFFLE	1	m	h	e	a	0	-0.68	2.42	1.74	0.2896
5	BUFFLE	2	f	h	e	a	0	-0.22	5.19	0.77	0.6209
Subtotal		5						-1.23	7.61	2.50	
*6	HIRAYA	1	m	s	e	-	0	0.85	6.28	2.94	0.0328
*6	HIRAYA	7	f	s	e	-	0	0.33	30.21	0.76	0.0734
Subtotal		6						0.84	36.48	3.70	
7	KABAT1	3	m	s	e	-	0	0.00	1.46	0.04	1.0000
7	KABAT1	4	f	s	e	-	0	-0.24	2.99	0.49	0.6802
Subtotal		7						-0.57	4.45	0.53	
8	GARFI2	3	f	s	e	-	0	0.21	22.25	0.04	0.3229
9	LAMW	1	f	s	e	-	0	0.70	10.14	2.86	0.0261
10	WU	2	f	s	m	-	0	0.34	4.18	0.13	0.4850
11	AKIBA	1	m	s	e	-	0	0.74	1.93	0.64	0.3008

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)



Table 31  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Ys	Ws	Qs	Ps
11	AKIBA	3	f	s	e	-	0	0.42	12.69	0.79	0.1382
Subtotal 11								0.83	14.62	1.43	
12	LEE	3	m	s	m	-	0	0.27	2.49	0.02	0.6735
12	LEE	5	f	s	m	-	0	0.03	4.64	0.09	0.9548
Subtotal 12								-0.04	7.13	0.12	
13	BROWN1	1	f	t	e	-	0	0.42	2.06	0.13	0.5451
14	GAO	4	f	s	m	-	0	0.17	27.35	0.00	0.3644
15	HUMBL1	1	m	s	e	-	0	1.43	1.75	2.80	0.0580
15	HUMBL1	3	f	s	e	-	0	0.85	3.43	1.60	0.1154
Subtotal 15								1.95	5.18	4.41	
16	KOO	2	f	s	m	-	0	0.44	12.88	0.93	0.1182
17	LAMT	1	f	s	m	-	0	0.50	30.63	3.39	0.0057
18	PERSHA	1	f	s	m	-	0	0.03	14.09	0.25	0.9022
*19	BUTLER	1	f	s	m	-	0	0.89	1.88	0.99	0.2215
20	GENG	1	f	s	e	-	0	0.77	8.13	2.94	0.0285
21	INOUE	1	f	s	e	-	0	0.94	2.51	1.49	0.1377
22	SHIMIZ	2	f	s	m	-	0	0.08	14.20	0.11	0.7646
23	CHOI	1	m	s	e	-	0	1.00	1.30	0.91	0.2525
23	CHOI	2	f	s	e	-	0	0.49	11.99	1.23	0.0916
Subtotal 23								1.16	13.29	2.14	
*24	HOLE	1	m	h	e	b	0	1.26	0.67	0.80	0.3028
*24	HOLE	2	f	h	e	b	0	0.64	0.84	0.18	0.5613
Subtotal 24								1.56	1.50	0.98	
25	SVENSS	1	f	t	a	-	0	0.23	5.98	0.03	0.5677
26	JANERI	4	c	s	e	-	3	-0.29	18.99	3.93	0.2099
27	KALAND	2	f	s	m	-	0	0.48	11.10	1.09	0.1091
28	SOBUE	1	f	s	a	-	0	0.06	29.73	0.33	0.7379
29	WU-WIL	3	f	s	e	-	0	-0.23	61.33	9.84	0.0674
30	LIUZ	1	f	h	c	a	0	-0.30	5.63	1.24	0.4721
31	BROWN2	3	f	s	a	-	0	-0.03	78.65	3.00	0.8021
32	STOCKW	2	f	s	e	-	0	0.47	8.05	0.74	0.1824
33	DU	1	f	s	e	-	0	0.09	13.61	0.09	0.7506
34	LIUQ	1	f	s	e	-	0	0.51	5.71	0.67	0.2242
35	FONTHA	5	f	s	a	-	0	0.23	97.51	0.43	0.0212
36	LAYARD	1	m	s	e	-	0	0.38	4.18	0.18	0.4418
36	LAYARD	3	f	s	e	-	0	-0.46	9.06	3.58	0.1647
Subtotal 36								-0.42	13.24	3.76	
37	DEWAAR	1	f	t	c	-	0	0.94	3.07	1.85	0.0986
38	KABAT2	3	m	s	a	-	0	0.49	5.21	0.55	0.2627
38	KABAT2	5	f	s	a	-	0	0.09	11.53	0.06	0.7517
Subtotal 38								0.25	16.74	0.61	
39	SCHWAR	7	c	h	e	a	0	0.17	30.21	0.00	0.3643
40	SUN	11	f	s	m	-	0	0.15	27.35	0.01	0.4448
41	WANGS	1	f	t	e	-	0	0.93	7.83	4.54	0.0093
42	WANGT	2	f	s	m	-	0	0.10	14.90	0.07	0.6978
*43	CARDEN	11	m	s	m	-	0	-0.11	14.67	1.11	0.6783
*43	CARDEN	9	f	s	m	-	0	0.19	34.59	0.02	0.2571
Subtotal 43								-0.25	49.26	1.13	
44	ZHENG	1	m	h	e	a	0	-0.41	3.07	1.01	0.4776
44	ZHENG	2	f	h	e	a	0	0.93	5.43	3.12	0.0310
Subtotal 44								0.19	8.50	4.13	
45	AUVINE	1	m	t	e	-	0	0.14	8.70	0.01	0.6794
46	BOFFET	6	m	s	e	-	0	0.28	14.53	0.19	0.2843
46	BOFFET	8	f	s	e	-	0	0.02	78.71	1.68	0.8520
Subtotal 46								-0.03	93.24	1.87	
47	SHEN	1	f	t	y	-	0	-0.29	5.07	1.07	0.5088
48	ZARIDZ	3	f	s	e	-	0	0.49	30.36	3.14	0.0071
49	BOFFE2	11	c	s	a	-	0	0.20	12.44	0.02	0.4743
*50	JEE	3	f	s	e	-	1	0.59	10.42	1.85	0.0577
51	RAPITI	1	f	s	e	-	0	0.02	5.49	0.12	0.9685
*52	SPEIZE	1	f	t	a	-	1	0.41	1.66	0.09	0.6016
53	ZHONG	1	f	s	e	-	0	0.05	63.63	0.87	0.6903
54	LEECH	7	f	s	a	-	0	0.54	37.41	5.29	0.0009
55	MALATS	11	c	s	e	-	0	0.53	14.42	1.94	0.0428

Within each study, results are included (in the following order of preference) for:

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- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 31  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Ys	Ws	Qs	Ps
56	WANGL	33	m	h	a	a	0	-0.31	6.28	1.40	0.4440
56	WANGL	35	f	h	a	a	0	0.12	18.04	0.03	0.5975
Subtotal		56						-0.52	24.32	1.44	
57	JOHNSO	7	f	h	e	a	0	0.24	11.94	0.07	0.4008
58	LAGARD	5	c	h	a	a	0	0.14	82.21	0.06	0.2052
*59	NISHIN	1	f	s	c	-	0	0.18	5.96	0.00	0.6557
60	OHNO	5	f	s	e	-	0	0.01	23.97	0.62	0.9743
62	SEOW	1	f	h	e	a	0	0.26	34.66	0.27	0.1317
*63	ENSTRO	3	m	s	e	-	1	-0.29	11.27	2.33	0.3341
*63	ENSTRO	9	f	s	e	-	1	-0.01	37.13	1.16	0.9512
Subtotal		63						-0.63	48.40	3.49	
64	ZATLOU	3	f	t	a	-	0	-0.84	6.11	6.23	0.0372
65	IARCKR	3	m	s	a	-	0	-0.92	1.33	1.56	0.2910
65	IARCKR	1	f	s	a	-	0	-0.11	21.40	1.59	0.6259
Subtotal		65						-1.36	22.73	3.15	
66	MCGHEE	5	m	h	p	a	0	0.36	17.79	0.70	0.1240
66	MCGHEE	6	f	h	p	a	0	0.41	29.19	1.69	0.0276
Subtotal		66						0.44	46.98	2.39	
*67	VINEIS	13	c	t	c	-	0	0.03	23.52	0.45	0.8922

Relative risks

	N	84
	NS	66
	Wt	1430.42
Het	Chi	109.41
Het	df	83
Het	P	*
Fixed	RR	1.18
	RRl	1.12
	RRu	1.24
	P	+++
Random	RR	1.20
	RRl	1.13
	RRu	1.29
	P	+++
Asymm	P	*

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 32  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97	( 0.38- 10.32)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
Subtotal 3												2.04	( 0.91- 4.61)
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51	( 0.14- 1.79)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
Subtotal 5												0.69	( 0.34- 1.41)
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00	( 0.20- 5.07)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
Subtotal 7												0.85	( 0.34- 2.16)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)
15	HUMBL1	2	m	s	e	-	2	-	-	-	-	4.08	( 0.70- 23.91)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76- 6.56)
Subtotal 15												2.60	( 1.04- 6.53)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48- 8.56)
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75	( 0.48- 1.18)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80- 1.20)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80- 3.00)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04- 1.60)
36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47	( 0.55- 3.94)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30- 1.13)
Subtotal 36												0.78	( 0.45- 1.34)
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60	( 0.67- 3.82)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60- 1.94)
Subtotal 38												1.22	( 0.75- 1.99)
39	SCHWAR	8	c	h	e	a	2	-	-	-	-	1.10	( 0.80- 1.60)
*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10	( 0.60- 1.80)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80- 1.60)
Subtotal 43												1.17	( 0.87- 1.57)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20	( 0.62- 2.30)
*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	0.63	( 0.33- 1.22)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66- 1.33)
Subtotal 63												0.86	( 0.63- 1.17)
Partial Totals								251	95461	154	82316		
*prospective study													

Europe

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30	( 0.38- 4.39)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
Subtotal 12												1.11	( 0.51- 2.40)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)
*24	HOLE	3	c	h	e	b	2	-	-	-	-	2.41	( 0.45- 12.83)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
45	AUVINE	2	m	t	e	-	1	-	-	-	-	0.69	( 0.28- 1.74)
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47	( 0.81- 2.66)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88- 1.39)
Subtotal 46												1.15	( 0.93- 1.42)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06- 2.21)
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00	( 0.50- 1.80)
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50	( 0.80- 2.60)
58	LAGARD	6	c	h	a	a	6	-	-	-	-	1.15	( 0.91- 1.45)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40	( 0.10- 3.00)

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 32  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By continent - adjusted

Europe

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 ( 0.50- 1.30)	
Subtotal 65								-	-	-	-	0.76 ( 0.48- 1.20)	
*67	VINEIS	1	c	t	c	-	7	-	-	-	-	1.05 ( 0.60- 1.82)	
Partial Totals								72	240	28	176		

Asia

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75 ( 0.43- 1.30)	
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25 ( 1.05- 4.76)	
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45 ( 1.02- 2.08)	
Subtotal 6								-	-	-	-	1.57 ( 1.14- 2.17)	
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01 ( 1.09- 3.72)	
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80 ( 0.39- 6.96)	
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50 ( 0.93- 2.76)	
Subtotal 11								-	-	-	-	1.53 ( 0.92- 2.55)	
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30 ( 0.89- 1.91)	
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64 ( 0.87- 3.09)	
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65 ( 1.16- 2.35)	
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16 ( 1.08- 4.29)	
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25 ( 0.77- 8.85)	
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08 ( 0.64- 1.82)	
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73 ( 0.49- 15.21)	
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63 ( 0.92- 2.87)	
Subtotal 23								-	-	-	-	1.71 ( 1.00- 2.93)	
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13 ( 0.78- 1.63)	
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70 ( 0.60- 0.90)	
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77 ( 0.30- 1.96)	
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 ( 0.64- 1.85)	
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72 ( 0.77- 3.87)	
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 ( 0.80- 1.69)	
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26- 5.10)	
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 ( 0.67- 1.84)	
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67 ( 0.22- 2.04)	
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09- 5.85)	
Subtotal 44								-	-	-	-	1.56 ( 0.80- 3.06)	
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31- 1.78)	
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 ( 0.93- 3.18)	
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 ( 0.50- 2.90)	
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 ( 0.80- 1.50)	
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 ( 1.29- 2.71)	
56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56 ( 0.20- 1.40)	
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 ( 0.60- 1.70)	
Subtotal 56								-	-	-	-	0.90 ( 0.57- 1.42)	
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 ( 0.67- 4.60)	
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 ( 0.67- 1.49)	
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 ( 0.93- 1.80)	
66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34 ( 0.82- 2.17)	
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94- 2.04)	
Subtotal 66								-	-	-	-	1.36 ( 1.01- 1.85)	
Partial Totals								746	1361	461	1247		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 32  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By continent - adjusted

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	28	19	36		83
	NS	20	16	30		66
	Wt	450.67	294.52	593.55		1338.73
	Het Chi	25.35	23.61	71.19		122.19
	Het df	27	18	35		82
	Het P	N.S.	N.S.	***		**
Fixed	RR	1.10	1.19	1.20		1.17
	RRl	1.01	1.07	1.11		1.11
	RRu	1.21	1.34	1.30		1.23
	P	+	++	+++		+++
Random	RR	1.10	1.21	1.30		1.21
	RRl	1.01	1.04	1.14		1.12
	RRu	1.21	1.40	1.47		1.30
	P	+	+	+++		+++
Asymm	P	N.S.	N.S.	*		*
Between	Chi		1.11	1.80		2.03
Between	df		1	1		2
Between	P		N.S.	N.S.	N.S.	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 33  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97	( 0.38- 10.32)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
Subtotal 3												2.04	( 0.91- 4.61)
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51	( 0.14- 1.79)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
Subtotal 5												0.69	( 0.34- 1.41)
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00	( 0.20- 5.07)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
Subtotal 7												0.85	( 0.34- 2.16)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
10	WU	2	f	s	m	-	0	19	33	9	22	1.41	( 0.54- 3.67)
13	BROWN1	1	f	t	e	-	0	4	7	15	40	1.52	( 0.39- 5.96)
15	HUMBL1	1	m	s	e	-	0	5	37	3	93	4.19	( 0.95- 18.42)
15	HUMBL1	3	f	s	e	-	0	15	91	5	71	2.34	( 0.81- 6.75)
Subtotal 15												2.85	( 1.20- 6.74)
*19	BUTLER	1	f	s	m	-	0	3	10579	5	43052	2.44	( 0.58- 10.22)
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75	( 0.48- 1.18)
31	BROWN2	3	f	s	a	-	0	218	598	213	568	0.97	( 0.78- 1.21)
32	STOCKW	2	f	s	e	-	0	44	55	18	36	1.60	( 0.80- 3.19)
35	FONTHA	5	f	s	a	-	0	433	766	218	487	1.26	( 1.04- 1.54)
36	LAYARD	1	m	s	e	-	0	6	215	15	783	1.46	( 0.56- 3.80)
36	LAYARD	3	f	s	e	-	0	15	961	24	969	0.63	( 0.33- 1.21)
Subtotal 36												0.82	( 0.48- 1.41)
38	KABAT2	3	m	s	a	-	0	11	19	28	79	1.63	( 0.69- 3.85)
38	KABAT2	5	f	s	a	-	0	41	102	26	71	1.10	( 0.62- 1.96)
Subtotal 38												1.24	( 0.77- 2.01)
39	SCHWAR	7	c	h	e	a	0	172	175	85	102	1.18	( 0.83- 1.68)
*43	CARDEN	11	m	s	m	-	0	18	19549	79	76993	0.90	( 0.54- 1.50)
*43	CARDEN	9	f	s	m	-	0	96	114286	54	77948	1.21	( 0.87- 1.69)
Subtotal 43												1.11	( 0.84- 1.47)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)
57	JOHNSO	7	f	h	e	a	0	54	543	17	218	1.28	( 0.72- 2.25)
*63	ENSTRO	3	m	s	e	-	1	-	-	-	-	0.75	( 0.42- 1.35)
*63	ENSTRO	9	f	s	e	-	1	-	-	-	-	0.99	( 0.72- 1.37)
Subtotal 63												0.93	( 0.70- 1.23)
Partial Totals								1405	243477	968	283848		
*prospective study													

Europe

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
12	LEE	3	m	s	m	-	0	8	14	7	16	1.31	( 0.38- 4.52)
12	LEE	5	f	s	m	-	0	22	45	10	21	1.03	( 0.41- 2.55)
Subtotal 12												1.12	( 0.54- 2.33)
18	PERSHA	1	f	s	m	-	0	37	153	33	141	1.03	( 0.61- 1.74)
*24	HOLE	1	m	h	e	b	0	2	243	1	428	3.52	( 0.32- 38.65)
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22- 16.12)
Subtotal 24												2.49	( 0.50- 12.31)
25	SVENSS	1	f	t	a	-	0	24	114	10	60	1.26	( 0.57- 2.81)
27	KALAND	2	f	s	m	-	0	64	70	26	46	1.62	( 0.90- 2.91)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
45	AUVINE	1	m	t	e	-	0	17	81	27	148	1.15	( 0.59- 2.24)
46	BOFFET	6	m	s	e	-	0	23	68	118	462	1.32	( 0.79- 2.21)
46	BOFFET	8	f	s	e	-	0	321	632	187	376	1.02	( 0.82- 1.27)
Subtotal 46												1.06	( 0.87- 1.30)
48	ZARIDZ	3	f	s	e	-	0	109	163	80	195	1.63	( 1.14- 2.33)
49	BOFFE2	11	c	s	a	-	0	33	75	37	103	1.22	( 0.70- 2.14)
55	MALATS	11	c	s	e	-	0	58	42	64	79	1.70	( 1.02- 2.86)
58	LAGARD	5	c	h	a	a	0	179	611	254	997	1.15	( 0.93- 1.43)

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 33  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By continent - unadjusted

Europe

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
64	ZATLOU 3		f	t	a	-	0	7	155	77	734	0.43	( 0.19- 0.95)
65	IARCKR 3		m	s	a	-	0	-	-	-	-	0.40	( 0.10- 3.00)
65	IARCKR 1		f	s	a	-	0	-	-	-	-	0.90	( 0.60- 1.40)
Subtotal 65												0.86	( 0.57- 1.29)
*67	VINEIS 13		c	t	c	-	0	57	71722	40	51757	1.03	( 0.69- 1.54)
Partial Totals								1038	75723	1000	56228		

\*prospective study

Asia

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN 1		f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
*6	HIRAYA 1		m	s	e	-	0	7	1010	57	19279	2.34	( 1.07- 5.13)
*6	HIRAYA 7		f	s	e	-	0	163	69645	37	21895	1.38	( 0.97- 1.98)
Subtotal 6												1.52	( 1.10- 2.10)
9	LAMW 1		f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
11	AKIBA 1		m	s	e	-	0	3	9	16	101	2.10	( 0.51- 8.61)
11	AKIBA 3		f	s	e	-	0	73	188	21	82	1.52	( 0.87- 2.63)
Subtotal 11												1.58	( 0.95- 2.64)
14	GAO 4		f	s	m	-	0	189	276	57	99	1.19	( 0.82- 1.73)
16	KOO 2		f	s	m	-	0	51	66	35	70	1.55	( 0.90- 2.67)
17	LAMT 1		f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
20	GENG 1		f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE 1		f	s	e	-	0	18	30	4	17	2.55	( 0.74- 8.78)
22	SHIMIZ 2		f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI 1		m	s	e	-	0	2	6	11	90	2.73	( 0.49- 15.21)
23	CHOI 2		f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)
Subtotal 23												1.71	( 1.00- 2.93)
28	SOBUE 1		f	s	a	-	0	80	395	64	336	1.06	( 0.74- 1.52)
29	WU-WIL 3		f	s	e	-	0	205	331	212	271	0.79	( 0.62- 1.02)
30	LIUZ 1		f	h	c	a	0	45	176	9	26	0.74	( 0.32- 1.69)
33	DU 1		f	s	e	-	0	47	154	28	100	1.09	( 0.64- 1.85)
34	LIUQ 1		f	s	e	-	0	25	37	13	32	1.66	( 0.73- 3.78)
40	SUN 11		f	s	m	-	0	144	136	86	94	1.16	( 0.80- 1.68)
41	WANGS 1		f	t	e	-	0	67	60	15	34	2.53	( 1.26- 5.10)
42	WANGT 2		f	s	m	-	0	92	89	43	46	1.11	( 0.67- 1.84)
44	ZHENG 1		m	h	e	a	0	8	12	17	17	0.67	( 0.22- 2.04)
44	ZHENG 2		f	h	e	a	0	62	179	7	51	2.52	( 1.09- 5.85)
Subtotal 44												1.56	( 0.80- 3.06)
47	SHEN 1		f	t	y	-	0	56	59	14	11	0.75	( 0.31- 1.78)
*50	JEE 3		f	s	e	-	1	67	-	12	-	1.80	( 0.98- 3.30)
51	RAPITI 1		f	s	e	-	0	13	21	28	46	1.02	( 0.44- 2.35)
53	ZHONG 1		f	s	e	-	0	322	377	182	224	1.05	( 0.82- 1.34)
54	LEECH 7		f	s	a	-	0	186	253	82	192	1.72	( 1.25- 2.37)
56	WANGL 33		m	h	a	a	0	14	57	19	57	0.74	( 0.34- 1.61)
56	WANGL 35		f	h	a	a	0	169	337	31	70	1.13	( 0.71- 1.80)
Subtotal 56												1.01	( 0.68- 1.51)
*59	NISHIN 1		f	s	c	-	0	11	30566	13	43361	1.20	( 0.54- 2.68)
60	OHNO 5		f	s	e	-	0	139	239	52	90	1.01	( 0.67- 1.50)
62	SEOW 1		f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)
66	MCGHEE 5		m	h	p	a	0	33	71	112	347	1.44	( 0.90- 2.29)
66	MCGHEE 6		f	h	p	a	0	96	150	83	195	1.50	( 1.05- 2.16)
Subtotal 66												1.48	( 1.11- 1.97)
Partial Totals								2799	105731	1686	88131		

\*prospective study

-----  
 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 33  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By continent - unadjusted

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	28	20	36		84
	NS	20	16	30		66
	Wt	465.48	349.40	615.54		1430.42
	Het Chi	26.14	25.22	55.13		109.41
	Het df	27	19	35		83
	Het P	N.S.	N.S.	*		*
Fixed	RR	1.11	1.18	1.24		1.18
	RRl	1.02	1.06	1.14		1.12
	RRu	1.22	1.31	1.34		1.24
	P	+	++	+++		+++
Random	RR	1.11	1.20	1.28		1.20
	RRl	1.02	1.05	1.15		1.13
	RRu	1.22	1.38	1.42		1.29
	P	+	++	+++		+++
Asymm	P	N.S.	N.S.	(*)		*
Between	Chi		0.61	2.93		2.93
Between	df		1	1		2
Between	P		N.S.	(+)	N.S.	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)



Table 34  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By country within Asia - adjusted

Japan

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25 ( 1.05- 4.76)	
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45 ( 1.02- 2.08)	
Subtotal 6													
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80 ( 0.39- 6.96)	
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50 ( 0.93- 2.76)	
Subtotal 11													
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25 ( 0.77- 8.85)	
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08 ( 0.64- 1.82)	
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13 ( 0.78- 1.63)	
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 ( 0.67- 4.60)	
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 ( 0.67- 1.49)	
Partial Totals								52	91	38	72		

\*prospective study

HongKong

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75 ( 0.43- 1.30)	
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01 ( 1.09- 3.72)	
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64 ( 0.87- 3.09)	
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65 ( 1.16- 2.35)	
66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34 ( 0.82- 2.17)	
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94- 2.04)	
Subtotal 66													
Partial Totals								186	282	157	336		

\*prospective study

China

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30 ( 0.89- 1.91)	
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16 ( 1.08- 4.29)	
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70 ( 0.60- 0.90)	
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77 ( 0.30- 1.96)	
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 ( 0.64- 1.85)	
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72 ( 0.77- 3.87)	
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 ( 0.80- 1.69)	
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26- 5.10)	
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 ( 0.67- 1.84)	
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67 ( 0.22- 2.04)	
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09- 5.85)	
Subtotal 44													
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31- 1.78)	
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 ( 0.80- 1.50)	
56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56 ( 0.20- 1.40)	
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 ( 0.60- 1.70)	
Subtotal 56													
Partial Totals								366	594	144	311		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 34  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By country within Asia - adjusted

Other

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73 (	0.49- 15.21)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63 (	0.92- 2.87)
Subtotal 23													
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 (	0.93- 3.18)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 (	0.50- 2.90)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 (	1.29- 2.71)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 (	0.93- 1.80)
Partial Totals								142	394	122	528		

\*prospective study

Relative risks		Japan	HongKong	China	Other	Total
	N	9	6	15	6	36
	NS	7	5	13	5	30
	Wt	125.08	104.93	272.55	90.98	593.55
	Het Chi	6.74	7.34	35.50	3.01	71.19
	Het df	8	5	14	5	35
	Het P	N.S.	N.S.	**	N.S.	***
Fixed	RR	1.29	1.42	1.00	1.55	1.20
	RRl	1.09	1.17	0.89	1.26	1.11
	RRu	1.54	1.71	1.13	1.90	1.30
	P	++	+++	N.S.	+++	+++
Random	RR	1.29	1.40	1.14	1.55	1.30
	RRl	1.09	1.11	0.92	1.26	1.14
	RRu	1.54	1.78	1.42	1.90	1.47
	P	++	++	N.S.	+++	+++
Asymm	P	(*)	N.S.	(*)	N.S.	*
Between	Chi		0.47	5.67	1.73	18.59
Between	df		1	1	1	3
Between	P		N.S.	-	N.S.	***

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 35  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By region within Europe - adjusted

Western

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30 ( 0.38- 4.39)	
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00 ( 0.37- 2.71)	
Subtotal 12												1.11 ( 0.51- 2.40)	
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20 ( 0.70- 2.10)	
*24	HOLE	3	c	h	e	b	2	-	-	-	-	2.41 ( 0.45- 12.83)	
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36 ( 0.53- 3.49)	
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57 ( 0.84- 7.85)	
45	AUVINE	2	m	t	e	-	1	-	-	-	-	0.69 ( 0.28- 1.74)	
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47 ( 0.81- 2.66)	
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11 ( 0.88- 1.39)	
Subtotal 46												1.15 ( 0.93- 1.42)	
58	LAGARD	6	c	h	a	a	6	-	-	-	-	1.15 ( 0.91- 1.45)	
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40 ( 0.10- 3.00)	
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 ( 0.50- 1.30)	
Subtotal 65												0.76 ( 0.48- 1.20)	
*67	VINEIS	1	c	t	c	-	7	-	-	-	-	1.05 ( 0.60- 1.82)	
Partial Totals								19	124	4	67		

\*prospective study

Other

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08 ( 1.20- 3.59)	
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11 ( 1.09- 4.08)	
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53 ( 1.06- 2.21)	
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00 ( 0.50- 1.80)	
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50 ( 0.80- 2.60)	
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48 ( 0.21- 1.09)	
Partial Totals								53	116	24	109		

\*prospective study

		Western	Other	Total
Relative risks				
	N	13	6	19
	NS	10	6	16
	Wt	218.38	76.14	294.52
	Het Chi	8.55	11.19	23.61
	Het df	12	5	18
	Het P	N.S.	*	N.S.
	Fixed RR	1.12	1.45	1.19
	RRl	0.98	1.16	1.07
	RRu	1.28	1.82	1.34
	P	N.S.	++	++
	Random RR	1.12	1.38	1.21
	RRl	0.98	0.97	1.04
	RRu	1.28	1.97	1.40
	P	N.S.	(+)	+
	Asymm P	N.S.	N.S.	N.S.
	Between Chi		3.87	3.87
	Between df		1	1
	Between P		+	*

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 36  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By publication year (2 groups) - adjusted

1981-89

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97	( 0.38- 10.32)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
Subtotal 3												2.04	( 0.91- 4.61)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51	( 0.14- 1.79)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
Subtotal 5												0.69	( 0.34- 1.41)
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25	( 1.05- 4.76)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)
Subtotal 6												1.57	( 1.14- 2.17)
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00	( 0.20- 5.07)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
Subtotal 7												0.85	( 0.34- 2.16)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80	( 0.39- 6.96)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93- 2.76)
Subtotal 11												1.53	( 0.92- 2.55)
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30	( 0.38- 4.39)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
Subtotal 12												1.11	( 0.51- 2.40)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89- 1.91)
15	HUMBL1	2	m	s	e	-	2	-	-	-	-	4.08	( 0.70- 23.91)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76- 6.56)
Subtotal 15												2.60	( 1.04- 6.53)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87- 3.09)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48- 8.56)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77- 8.85)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73	( 0.49- 15.21)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)
Subtotal 23												1.71	( 1.00- 2.93)
*24	HOLE	3	c	h	e	b	2	-	-	-	-	2.41	( 0.45- 12.83)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)
Partial Totals								627	96085	430	83051		
*prospective study													

1990-

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75	( 0.48- 1.18)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78- 1.63)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60- 0.90)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30- 1.96)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80- 1.20)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80- 3.00)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64- 1.85)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77- 3.87)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04- 1.60)
36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47	( 0.55- 3.94)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30- 1.13)
Subtotal 36												0.78	( 0.45- 1.34)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 36  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By publication year (2 groups) - adjusted

1990-										Numbers Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Case	Cont	Case	Cont				
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60 ( 0.67- 3.82)			
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08 ( 0.60- 1.94)			
Subtotal 38												1.22 ( 0.75- 1.99)			
39	SCHWAR	8	c	h	e	a	2	-	-	-	-	1.10 ( 0.80- 1.60)			
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 ( 0.80- 1.69)			
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26- 5.10)			
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 ( 0.67- 1.84)			
*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10 ( 0.60- 1.80)			
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20 ( 0.80- 1.60)			
Subtotal 43												1.17 ( 0.87- 1.57)			
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67 ( 0.22- 2.04)			
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09- 5.85)			
Subtotal 44												1.56 ( 0.80- 3.06)			
45	AUVINE	2	m	t	e	-	1	-	-	-	-	0.69 ( 0.28- 1.74)			
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47 ( 0.81- 2.66)			
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11 ( 0.88- 1.39)			
Subtotal 46												1.15 ( 0.93- 1.42)			
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31- 1.78)			
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53 ( 1.06- 2.21)			
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00 ( 0.50- 1.80)			
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 ( 0.93- 3.18)			
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 ( 0.50- 2.90)			
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50 ( 0.30- 6.30)			
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 ( 0.80- 1.50)			
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 ( 1.29- 2.71)			
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50 ( 0.80- 2.60)			
56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56 ( 0.20- 1.40)			
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 ( 0.60- 1.70)			
Subtotal 56												0.90 ( 0.57- 1.42)			
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 ( 0.62- 2.30)			
58	LAGARD	6	c	h	a	a	6	-	-	-	-	1.15 ( 0.91- 1.45)			
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 ( 0.67- 4.60)			
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 ( 0.67- 1.49)			
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 ( 0.93- 1.80)			
*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	0.63 ( 0.33- 1.22)			
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94 ( 0.66- 1.33)			
Subtotal 63												0.86 ( 0.63- 1.17)			
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48 ( 0.21- 1.09)			
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40 ( 0.10- 3.00)			
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 ( 0.50- 1.30)			
Subtotal 65												0.76 ( 0.48- 1.20)			
66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34 ( 0.82- 2.17)			
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94- 2.04)			
Subtotal 66												1.36 ( 1.01- 1.85)			
*67	VINEIS	1	c	t	c	-	7	-	-	-	-	1.05 ( 0.60- 1.82)			
Partial Totals								442	977	213	688				

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 36  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By publication year (2 groups) - adjusted

		1981-89	1990-	Total
Relative risks				
	N	33	50	83
	NS	25	41	66
	Wt	307.08	1031.65	1338.73
	Het Chi	26.37	82.41	122.19
	Het df	32	49	82
	Het P	N.S.	**	**
Fixed	RR	1.40	1.10	1.17
	RRl	1.25	1.04	1.11
	RRu	1.57	1.17	1.23
	P	+++	++	+++
Random	RR	1.40	1.13	1.21
	RRl	1.25	1.04	1.12
	RRu	1.57	1.24	1.30
	P	+++	++	+++
Asymm	P	N.S.	N.S.	*
Between	Chi		13.41	13.41
Between	df		1	1
Between	P		---	***

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 37  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By publication year (5 groups) - adjusted

1981-86

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97	( 0.38- 10.32)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
Subtotal 3												2.04	( 0.91- 4.61)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51	( 0.14- 1.79)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
Subtotal 5												0.69	( 0.34- 1.41)
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25	( 1.05- 4.76)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)
Subtotal 6												1.57	( 1.14- 2.17)
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00	( 0.20- 5.07)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
Subtotal 7												0.85	( 0.34- 2.16)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80	( 0.39- 6.96)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93- 2.76)
Subtotal 11												1.53	( 0.92- 2.55)
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30	( 0.38- 4.39)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
Subtotal 12												1.11	( 0.51- 2.40)
Partial Totals								375	95707	251	82578		

\*prospective study

1987-89

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89- 1.91)
15	HUMBL1	2	m	s	e	-	2	-	-	-	-	4.08	( 0.70- 23.91)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76- 6.56)
Subtotal 15												2.60	( 1.04- 6.53)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87- 3.09)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48- 8.56)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77- 8.85)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73	( 0.49- 15.21)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)
Subtotal 23												1.71	( 1.00- 2.93)
*24	HOLE	3	c	h	e	b	2	-	-	-	-	2.41	( 0.45- 12.83)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)
Partial Totals								252	378	179	473		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 37  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By publication year (5 groups) - adjusted

1990-94

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75 ( 0.48- 1.18)	
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11 ( 1.09- 4.08)	
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13 ( 0.78- 1.63)	
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70 ( 0.60- 0.90)	
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77 ( 0.30- 1.96)	
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00 ( 0.80- 1.20)	
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60 ( 0.80- 3.00)	
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 ( 0.64- 1.85)	
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72 ( 0.77- 3.87)	
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29 ( 1.04- 1.60)	
36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47 ( 0.55- 3.94)	
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58 ( 0.30- 1.13)	
Subtotal 36												0.78 ( 0.45- 1.34)	
Partial Totals								47	154	28	100		
*prospective study													

1995-98

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57 ( 0.84- 7.85)	
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60 ( 0.67- 3.82)	
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08 ( 0.60- 1.94)	
Subtotal 38												1.22 ( 0.75- 1.99)	
39	SCHWAR	8	c	h	e	a	2	-	-	-	-	1.10 ( 0.80- 1.60)	
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 ( 0.80- 1.69)	
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26- 5.10)	
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 ( 0.67- 1.84)	
*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10 ( 0.60- 1.80)	
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20 ( 0.80- 1.60)	
Subtotal 43												1.17 ( 0.87- 1.57)	
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67 ( 0.22- 2.04)	
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09- 5.85)	
Subtotal 44												1.56 ( 0.80- 3.06)	
45	AUVINE	2	m	t	e	-	1	-	-	-	-	0.69 ( 0.28- 1.74)	
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47 ( 0.81- 2.66)	
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11 ( 0.88- 1.39)	
Subtotal 46												1.15 ( 0.93- 1.42)	
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31- 1.78)	
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53 ( 1.06- 2.21)	
Partial Totals								304	523	100	226		
*prospective study													

1999-

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00 ( 0.50- 1.80)	
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 ( 0.93- 3.18)	
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 ( 0.50- 2.90)	
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50 ( 0.30- 6.30)	
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 ( 0.80- 1.50)	
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 ( 1.29- 2.71)	
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50 ( 0.80- 2.60)	
56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56 ( 0.20- 1.40)	
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 ( 0.60- 1.70)	
Subtotal 56												0.90 ( 0.57- 1.42)	
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 ( 0.62- 2.30)	
58	LAGARD	6	c	h	a	a	6	-	-	-	-	1.15 ( 0.91- 1.45)	
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 ( 0.67- 4.60)	
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 ( 0.67- 1.49)	

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)



Table 37  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By publication year (5 groups) - adjusted

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 ( 0.93-	1.80)
*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	0.63 ( 0.33-	1.22)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94 ( 0.66-	1.33)
Subtotal		63										0.86 ( 0.63-	1.17)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48 ( 0.21-	1.09)
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40 ( 0.10-	3.00)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 ( 0.50-	1.30)
Subtotal		65										0.76 ( 0.48-	1.20)
66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34 ( 0.82-	2.17)
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94-	2.04)
Subtotal		66										1.36 ( 1.01-	1.85)
*67	VINEIS	1	c	t	c	-	7	-	-	-	-	1.05 ( 0.60-	1.82)
Partial Totals								91	300	85	362		
*prospective study													

Relative risks	1981-86		1987-89		1990-94		1995-98		1999-		Total	
	N	NS	N	NS	N	NS	N	NS	N	NS	N	NS
		18		15		12		16		22		83
		12		13		11		12		18		66
	Wt	175.80		131.28		371.19		277.24		383.22		1338.73
Het	Chi	17.53		7.27		31.39		16.31		27.34		122.19
Het	df	17		14		11		15		21		82
Het	P	N.S.		N.S.		***		N.S.		N.S.		**
Fixed	RR	1.32		1.52		0.99		1.21		1.15		1.17
	RR1	1.14		1.28		0.89		1.08		1.04		1.11
	RRu	1.53		1.80		1.10		1.37		1.27		1.23
	P	+++		+++		N.S.		++		++		+++
Random	RR	1.32		1.52		1.05		1.22		1.13		1.21
	RR1	1.13		1.28		0.85		1.07		1.00		1.12
	RRu	1.54		1.80		1.29		1.39		1.28		1.30
	P	+++		+++		N.S.		++		+		+++
Asymm	P	N.S.		*		N.S.		N.S.		N.S.		*
Between	Chi			1.56		9.69		0.72		2.35		22.33
Between	df			1		1		1		1		4
Between	P			N.S.		--		N.S.		N.S.		***

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 38  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By number of female lung cancer cases (grouped) - adjusted

1-49

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97 ( 0.38- 10.32)	
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07 ( 0.81- 5.25)	
Subtotal 3												2.04 ( 0.91- 4.61)	
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51 ( 0.14- 1.79)	
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80 ( 0.34- 1.90)	
Subtotal 5												0.69 ( 0.34- 1.41)	
10	WU	3	f	s	m	-	1	-	-	-	-	1.20 ( 0.50- 3.30)	
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30 ( 0.38- 4.39)	
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00 ( 0.37- 2.71)	
Subtotal 12												1.11 ( 0.51- 2.40)	
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68 ( 0.39- 6.90)	
15	HUMBL1	2	m	s	e	-	2	-	-	-	-	4.08 ( 0.70- 23.91)	
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20 ( 0.76- 6.56)	
Subtotal 15												2.60 ( 1.04- 6.53)	
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02 ( 0.48- 8.56)	
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25 ( 0.77- 8.85)	
*24	HOLE	3	c	h	e	b	2	-	-	-	-	2.41 ( 0.45- 12.83)	
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36 ( 0.53- 3.49)	
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72 ( 0.77- 3.87)	
36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47 ( 0.55- 3.94)	
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58 ( 0.30- 1.13)	
Subtotal 36												0.78 ( 0.45- 1.34)	
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57 ( 0.84- 7.85)	
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 ( 0.50- 2.90)	
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50 ( 0.30- 6.30)	
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 ( 0.67- 4.60)	
Partial Totals								73	431	32	359		
*prospective study													

50-99

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75 ( 0.43- 1.30)	
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08 ( 1.20- 3.59)	
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00 ( 0.20- 5.07)	
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79 ( 0.25- 2.45)	
Subtotal 7												0.85 ( 0.34- 2.16)	
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01 ( 1.09- 3.72)	
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80 ( 0.39- 6.96)	
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50 ( 0.93- 2.76)	
Subtotal 11												1.53 ( 0.92- 2.55)	
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64 ( 0.87- 3.09)	
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20 ( 0.70- 2.10)	
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16 ( 1.08- 4.29)	
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08 ( 0.64- 1.82)	
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73 ( 0.49- 15.21)	
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63 ( 0.92- 2.87)	
Subtotal 23												1.71 ( 1.00- 2.93)	
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11 ( 1.09- 4.08)	
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77 ( 0.30- 1.96)	
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 ( 0.64- 1.85)	
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60 ( 0.67- 3.82)	
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08 ( 0.60- 1.94)	
Subtotal 38												1.22 ( 0.75- 1.99)	
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26- 5.10)	
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67 ( 0.22- 2.04)	
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09- 5.85)	
Subtotal 44												1.56 ( 0.80- 3.06)	
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31- 1.78)	
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00 ( 0.50- 1.80)	
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 ( 0.93- 3.18)	

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 38  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By number of female lung cancer cases (grouped) - adjusted

50-99

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20	( 0.62- 2.30)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
*67	VINEIS	1	c	t	c	-	7	-	-	-	-	1.05	( 0.60- 1.82)
Partial Totals								519	956	291	782		

\*prospective study

100-199

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75	( 0.48- 1.18)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78- 1.63)
39	SCHWAR	8	c	h	e	a	2	-	-	-	-	1.10	( 0.80- 1.60)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67- 1.84)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06- 2.21)
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50	( 0.80- 2.60)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00	( 0.67- 1.49)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)
*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	0.63	( 0.33- 1.22)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66- 1.33)
Subtotal 63												0.86	( 0.63- 1.17)
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40	( 0.10- 3.00)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80	( 0.50- 1.30)
Subtotal 65												0.76	( 0.48- 1.20)
66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34	( 0.82- 2.17)
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38	( 0.94- 2.04)
Subtotal 66												1.36	( 1.01- 1.85)
Partial Totals								362	95523	236	82415		

\*prospective study

200-399

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25	( 1.05- 4.76)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)
Subtotal 6												1.57	( 1.14- 2.17)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89- 1.91)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80- 3.00)
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16	( 0.80- 1.69)
*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10	( 0.60- 1.80)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80- 1.60)
Subtotal 43												1.17	( 0.87- 1.57)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87	( 1.29- 2.71)
56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56	( 0.20- 1.40)
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03	( 0.60- 1.70)
Subtotal 56												0.90	( 0.57- 1.42)
58	LAGARD	6	c	h	a	a	6	-	-	-	-	1.15	( 0.91- 1.45)
Partial Totals								115	152	84	183		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 38  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By number of female lung cancer cases (grouped) - adjusted

400+													
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60- 0.90)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80- 1.20)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04- 1.60)
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47	( 0.81- 2.66)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88- 1.39)
Subtotal		46										1.15	( 0.93- 1.42)
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10	( 0.80- 1.50)
Partial Totals								0	0	0	0		
*prospective study													

Relative risks		1-49	50-99	100-199	200-399	400+	Total
	N	21	27	16	12	6	82
	NS	16	22	13	9	5	65
	Wt	73.14	223.92	352.34	291.72	393.02	1334.13
	Het Chi	17.24	35.03	16.96	13.77	20.00	120.91
	Het df	20	26	15	11	5	81
	Het P	N.S.	N.S.	N.S.	N.S.	**	**
Fixed	RR	1.33	1.32	1.12	1.31	1.01	1.17
	RRl	1.06	1.16	1.01	1.17	0.91	1.11
	RRu	1.67	1.51	1.24	1.47	1.11	1.23
	P	+	+++	+	+++	N.S.	+++
Random	RR	1.33	1.32	1.12	1.32	1.05	1.21
	RRl	1.06	1.13	1.00	1.16	0.85	1.12
	RRu	1.67	1.55	1.25	1.51	1.29	1.30
	P	+	+++	(+)	+++	N.S.	+++
Asymm	P	*	N.S.	N.S.	N.S.	N.S.	*
Between	Chi		0.00	1.79	0.01	4.76	17.91
Between	df		1	1	1	1	4
Between	P		N.S.	N.S.	N.S.	-	**

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 39  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By number of male+female lung cancer cases (grouped) - adjusted

1-49

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3												2.04 ( 0.91-	4.61)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20 ( 0.50-	3.30)
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30 ( 0.38-	4.39)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00 ( 0.37-	2.71)
Subtotal 12												1.11 ( 0.51-	2.40)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68 ( 0.39-	6.90)
15	HUMBL1	2	m	s	e	-	2	-	-	-	-	4.08 ( 0.70-	23.91)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20 ( 0.76-	6.56)
Subtotal 15												2.60 ( 1.04-	6.53)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02 ( 0.48-	8.56)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25 ( 0.77-	8.85)
*24	HOLE	3	c	h	e	b	2	-	-	-	-	2.41 ( 0.45-	12.83)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36 ( 0.53-	3.49)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72 ( 0.77-	3.87)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57 ( 0.84-	7.85)
45	AUVINE	2	m	t	e	-	1	-	-	-	-	0.69 ( 0.28-	1.74)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50 ( 0.30-	6.30)
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 ( 0.67-	4.60)
Partial Totals								35	211	18	293		
*prospective study													

50-99

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75 ( 0.43-	1.30)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08 ( 1.20-	3.59)
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5												0.69 ( 0.34-	1.41)
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00 ( 0.20-	5.07)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79 ( 0.25-	2.45)
Subtotal 7												0.85 ( 0.34-	2.16)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01 ( 1.09-	3.72)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64 ( 0.87-	3.09)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20 ( 0.70-	2.10)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16 ( 1.08-	4.29)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73 ( 0.49-	15.21)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63 ( 0.92-	2.87)
Subtotal 23												1.71 ( 1.00-	2.93)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11 ( 1.09-	4.08)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77 ( 0.30-	1.96)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 ( 0.64-	1.85)
36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47 ( 0.55-	3.94)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58 ( 0.30-	1.13)
Subtotal 36												0.78 ( 0.45-	1.34)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26-	5.10)
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44												1.56 ( 0.80-	3.06)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31-	1.78)
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00 ( 0.50-	1.80)
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 ( 0.93-	3.18)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 ( 0.50-	2.90)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 ( 0.62-	2.30)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48 ( 0.21-	1.09)
*67	VINEIS	1	c	t	c	-	7	-	-	-	-	1.05 ( 0.60-	1.82)
Partial Totals								557	1176	305	848		
*prospective study													

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 39  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By number of male+female lung cancer cases (grouped) - adjusted

100-199

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80	( 0.39- 6.96)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93- 2.76)
Subtotal 11												1.53	( 0.92- 2.55)
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75	( 0.48- 1.18)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78- 1.63)
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60	( 0.67- 3.82)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60- 1.94)
Subtotal 38												1.22	( 0.75- 1.99)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67- 1.84)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06- 2.21)
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50	( 0.80- 2.60)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00	( 0.67- 1.49)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40	( 0.10- 3.00)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80	( 0.50- 1.30)
Subtotal 65												0.76	( 0.48- 1.20)
Partial Totals								362	95523	236	82415		

\*prospective study

200-399

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25	( 1.05- 4.76)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)
Subtotal 6												1.57	( 1.14- 2.17)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89- 1.91)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80- 3.00)
39	SCHWAR	8	c	h	e	a	2	-	-	-	-	1.10	( 0.80- 1.60)
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16	( 0.80- 1.69)
*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10	( 0.60- 1.80)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80- 1.60)
Subtotal 43												1.17	( 0.87- 1.57)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87	( 1.29- 2.71)
56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56	( 0.20- 1.40)
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03	( 0.60- 1.70)
Subtotal 56												0.90	( 0.57- 1.42)
*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	0.63	( 0.33- 1.22)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66- 1.33)
Subtotal 63												0.86	( 0.63- 1.17)
66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34	( 0.82- 2.17)
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38	( 0.94- 2.04)
Subtotal 66												1.36	( 1.01- 1.85)
Partial Totals								115	152	84	183		

\*prospective study

-----  
 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 39  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By number of male+female lung cancer cases (grouped) - adjusted

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers		Non-exposed		RR	95.00%CI
								Exposed Case	Cont	Case	Cont		
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60- 0.90)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80- 1.20)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04- 1.60)
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47	( 0.81- 2.66)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88- 1.39)
Subtotal		46										1.15	( 0.93- 1.42)
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10	( 0.80- 1.50)
58	LAGARD	6	c	h	a	a	6	-	-	-	-	1.15	( 0.91- 1.45)
Partial Totals								0	0	0	0		

\*prospective study

Relative risks	1-49		50-99	100-199	200-399	400+	Total
		N	17	28	15	16	7
	NS	14	23	12	11	6	66
	Wt	52.46	218.14	269.32	335.00	463.81	1338.73
	Het Chi	7.87	42.81	13.22	21.54	21.03	122.19
	Het df	16	27	14	15	6	82
	Het P	N.S.	*	N.S.	N.S.	**	**
	Fixed RR	1.59	1.25	1.16	1.27	1.03	1.17
	RRl	1.21	1.09	1.03	1.14	0.94	1.11
	RRu	2.08	1.42	1.31	1.41	1.13	1.23
	P	+++	++	+	+++	N.S.	+++
	Random RR	1.59	1.23	1.16	1.26	1.06	1.21
	RRl	1.21	1.04	1.03	1.11	0.89	1.12
	RRu	2.08	1.46	1.31	1.44	1.26	1.30
	P	+++	+	+	+++	N.S.	+++
	Asymm P	(*)	N.S.	N.S.	N.S.	N.S.	*
	Between Chi		2.49	4.36	2.32	8.93	15.70
	Between df		1	1	1	1	4
	Between P		N.S.	-	N.S.	--	**

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 40  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By full histological confirmation or not - adjusted

No	StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
	*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)	
	2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)	
	3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97	( 0.38- 10.32)	
	3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)	
	Subtotal	3											2.04	( 0.91- 4.61)	
	4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)	
	*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25	( 1.05- 4.76)	
	*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)	
	Subtotal	6											1.57	( 1.14- 2.17)	
	9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)	
	11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80	( 0.39- 6.96)	
	11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93- 2.76)	
	Subtotal	11											1.53	( 0.92- 2.55)	
	12	LEE	4	m	s	m	-	1	-	-	-	-	1.30	( 0.38- 4.39)	
	12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)	
	Subtotal	12											1.11	( 0.51- 2.40)	
	14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89- 1.91)	
	16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87- 3.09)	
	18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)	
	20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)	
	21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77- 8.85)	
	23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73	( 0.49- 15.21)	
	23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)	
	Subtotal	23											1.71	( 1.00- 2.93)	
	*24	HOLE	3	c	h	e	b	2	-	-	-	-	2.41	( 0.45- 12.83)	
	25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)	
	27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)	
	29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60- 0.90)	
	30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30- 1.96)	
	31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80- 1.20)	
	33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64- 1.85)	
	34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77- 3.87)	
	36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47	( 0.55- 3.94)	
	36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30- 1.13)	
	Subtotal	36											0.78	( 0.45- 1.34)	
	37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)	
	42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67- 1.84)	
	*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10	( 0.60- 1.80)	
	*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80- 1.60)	
	Subtotal	43											1.17	( 0.87- 1.57)	
	44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67	( 0.22- 2.04)	
	44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52	( 1.09- 5.85)	
	Subtotal	44											1.56	( 0.80- 3.06)	
	45	AUVINE	2	m	t	e	-	1	-	-	-	-	0.69	( 0.28- 1.74)	
	46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47	( 0.81- 2.66)	
	46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88- 1.39)	
	Subtotal	46											1.15	( 0.93- 1.42)	
	*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72	( 0.93- 3.18)	
	51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20	( 0.50- 2.90)	
	53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10	( 0.80- 1.50)	
	56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56	( 0.20- 1.40)	
	56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03	( 0.60- 1.70)	
	Subtotal	56											0.90	( 0.57- 1.42)	
	*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80	( 0.67- 4.60)	
	*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	0.63	( 0.33- 1.22)	
	*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66- 1.33)	
	Subtotal	63											0.86	( 0.63- 1.17)	
	66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34	( 0.82- 2.17)	
	66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38	( 0.94- 2.04)	
	Subtotal	66											1.36	( 1.01- 1.85)	
	*67	VINEIS	1	c	t	c	-	7	-	-	-	-	1.05	( 0.60- 1.82)	
	Partial Totals								541	95906	332	82846			
	*prospective study														

Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)



Table 40  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By full histological confirmation or not - adjusted

Yes										Numbers				RR		95.00%CI	
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Exposed		Non-exposed							
								Case	Cont	Case	Cont						
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51 ( 0.14-		1.79)			
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80 ( 0.34-		1.90)			
Subtotal		5											0.69 ( 0.34-		1.41)		
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00 ( 0.20-		5.07)			
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79 ( 0.25-		2.45)			
Subtotal		7											0.85 ( 0.34-		2.16)		
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23 ( 0.81-		1.87)			
10	WU	3	f	s	m	-	1	-	-	-	-	1.20 ( 0.50-		3.30)			
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68 ( 0.39-		6.90)			
15	HUMBL1	2	m	s	e	-	2	-	-	-	-	4.08 ( 0.70-		23.91)			
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20 ( 0.76-		6.56)			
Subtotal		15											2.60 ( 1.04-		6.53)		
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65 ( 1.16-		2.35)			
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02 ( 0.48-		8.56)			
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08 ( 0.64-		1.82)			
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75 ( 0.48-		1.18)			
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13 ( 0.78-		1.63)			
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60 ( 0.80-		3.00)			
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29 ( 1.04-		1.60)			
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60 ( 0.67-		3.82)			
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08 ( 0.60-		1.94)			
Subtotal		38											1.22 ( 0.75-		1.99)		
39	SCHWAR	8	c	h	e	a	2	-	-	-	-	1.10 ( 0.80-		1.60)			
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 ( 0.80-		1.69)			
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26-		5.10)			
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31-		1.78)			
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53 ( 1.06-		2.21)			
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00 ( 0.50-		1.80)			
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50 ( 0.30-		6.30)			
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 ( 1.29-		2.71)			
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50 ( 0.80-		2.60)			
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 ( 0.62-		2.30)			
58	LAGARD	6	c	h	a	a	6	-	-	-	-	1.15 ( 0.91-		1.45)			
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 ( 0.67-		1.49)			
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 ( 0.93-		1.80)			
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48 ( 0.21-		1.09)			
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40 ( 0.10-		3.00)			
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 ( 0.50-		1.30)			
Subtotal		65											0.76 ( 0.48-		1.20)		
Partial Totals								528	1156	311	893						
*prospective study																	

		No	Yes	Total
Relative risks				
	N	49	34	83
	NS	37	29	66
	Wt	778.85	559.88	1338.73
Het	Chi	80.11	40.25	122.19
Het	df	48	33	82
Het	P	**	N.S.	**
Fixed	RR	1.13	1.22	1.17
	RRl	1.05	1.12	1.11
	RRu	1.21	1.32	1.23
	P	+++	+++	+++
Random	RR	1.22	1.21	1.21
	RRl	1.10	1.10	1.12
	RRu	1.35	1.34	1.30
	P	+++	+++	+++
Asymm	P	**	N.S.	*

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 40  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By full histological confirmation or not - adjusted

	No	Yes	Total
Relative risks			
Between Chi		1.82	1.82
Between df		1	1
Between P		N.S.	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 41  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By study type (case-control, prospective) - adjusted

case-control

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75 (	0.43- 1.30)
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97 (	0.38- 10.32)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07 (	0.81- 5.25)
Subtotal 3												2.04 (	0.91- 4.61)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08 (	1.20- 3.59)
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51 (	0.14- 1.79)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80 (	0.34- 1.90)
Subtotal 5												0.69 (	0.34- 1.41)
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00 (	0.20- 5.07)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79 (	0.25- 2.45)
Subtotal 7												0.85 (	0.34- 2.16)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23 (	0.81- 1.87)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01 (	1.09- 3.72)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20 (	0.50- 3.30)
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80 (	0.39- 6.96)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50 (	0.93- 2.76)
Subtotal 11												1.53 (	0.92- 2.55)
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30 (	0.38- 4.39)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00 (	0.37- 2.71)
Subtotal 12												1.11 (	0.51- 2.40)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68 (	0.39- 6.90)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30 (	0.89- 1.91)
15	HUMBL1	2	m	s	e	-	2	-	-	-	-	4.08 (	0.70- 23.91)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20 (	0.76- 6.56)
Subtotal 15												2.60 (	1.04- 6.53)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64 (	0.87- 3.09)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65 (	1.16- 2.35)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20 (	0.70- 2.10)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16 (	1.08- 4.29)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25 (	0.77- 8.85)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08 (	0.64- 1.82)
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73 (	0.49- 15.21)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63 (	0.92- 2.87)
Subtotal 23												1.71 (	1.00- 2.93)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36 (	0.53- 3.49)
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75 (	0.48- 1.18)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11 (	1.09- 4.08)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13 (	0.78- 1.63)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70 (	0.60- 0.90)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77 (	0.30- 1.96)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00 (	0.80- 1.20)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60 (	0.80- 3.00)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 (	0.64- 1.85)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72 (	0.77- 3.87)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29 (	1.04- 1.60)
36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47 (	0.55- 3.94)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58 (	0.30- 1.13)
Subtotal 36												0.78 (	0.45- 1.34)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57 (	0.84- 7.85)
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60 (	0.67- 3.82)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08 (	0.60- 1.94)
Subtotal 38												1.22 (	0.75- 1.99)
39	SCHWAR	8	c	h	e	a	2	-	-	-	-	1.10 (	0.80- 1.60)
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 (	0.80- 1.69)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 (	1.26- 5.10)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 (	0.67- 1.84)
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67 (	0.22- 2.04)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 (	1.09- 5.85)
Subtotal 44												1.56 (	0.80- 3.06)
45	AUVINE	2	m	t	e	-	1	-	-	-	-	0.69 (	0.28- 1.74)
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47 (	0.81- 2.66)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11 (	0.88- 1.39)
Subtotal 46												1.15 (	0.93- 1.42)

Within each study, results are included (in the following order of preference) for:

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- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 41  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By study type (case-control, prospective) - adjusted

case-control

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75	( 0.31- 1.78)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06- 2.21)
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00	( 0.50- 1.80)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20	( 0.50- 2.90)
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10	( 0.80- 1.50)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87	( 1.29- 2.71)
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50	( 0.80- 2.60)
56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56	( 0.20- 1.40)
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03	( 0.60- 1.70)
Subtotal	56											0.90	( 0.57- 1.42)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20	( 0.62- 2.30)
58	LAGARD	6	c	h	a	a	6	-	-	-	-	1.15	( 0.91- 1.45)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00	( 0.67- 1.49)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40	( 0.10- 3.00)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80	( 0.50- 1.30)
Subtotal	65											0.76	( 0.48- 1.20)
66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34	( 0.82- 2.17)
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38	( 0.94- 2.04)
Subtotal	66											1.36	( 1.01- 1.85)
Partial Totals								981	2182	578	1880		

\*prospective study

prospective

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25	( 1.05- 4.76)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)
Subtotal	6											1.57	( 1.14- 2.17)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48- 8.56)
*24	HOLE	3	c	h	e	b	2	-	-	-	-	2.41	( 0.45- 12.83)
*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10	( 0.60- 1.80)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80- 1.60)
Subtotal	43											1.17	( 0.87- 1.57)
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72	( 0.93- 3.18)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80	( 0.67- 4.60)
*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	0.63	( 0.33- 1.22)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66- 1.33)
Subtotal	63											0.86	( 0.63- 1.17)
*67	VINEIS	1	c	t	c	-	7	-	-	-	-	1.05	( 0.60- 1.82)
Partial Totals								88	94880	65	81859		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 41  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By study type (case-control, prospective) - adjusted

	case-con	prospect	Total
Relative risks			
N	70	13	83
NS	56	10	66
Wt	1147.67	191.07	1338.73
Het Chi	109.04	12.93	122.19
Het df	69	12	82
Het P	**	N.S.	**
Fixed RR	1.16	1.20	1.17
RRl	1.09	1.04	1.11
RRu	1.23	1.39	1.23
P	+++	+	+++
Random RR	1.21	1.21	1.21
RRl	1.11	1.04	1.12
RRu	1.31	1.40	1.30
P	+++	+	+++
Asymm P	(*)	N.S.	*
Between Chi		0.21	0.21
Between df		1	1
Between P		N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 42  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By study control type - adjusted

Healthy

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
10	WU	3	f	s	m	-	1	-	-	-	-	1.20 ( 0.50- 3.30)	
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30 ( 0.89- 1.91)	
15	HUMBL1	2	m	s	e	-	2	-	-	-	-	4.08 ( 0.70- 23.91)	
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20 ( 0.76- 6.56)	
Subtotal 15												2.60 ( 1.04- 6.53)	
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64 ( 0.87- 3.09)	
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65 ( 1.16- 2.35)	
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20 ( 0.70- 2.10)	
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75 ( 0.48- 1.18)	
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70 ( 0.60- 0.90)	
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77 ( 0.30- 1.96)	
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00 ( 0.80- 1.20)	
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60 ( 0.80- 3.00)	
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29 ( 1.04- 1.60)	
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57 ( 0.84- 7.85)	
39	SCHWAR	8	c	h	e	a	2	-	-	-	-	1.10 ( 0.80- 1.60)	
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 ( 0.80- 1.69)	
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 ( 0.67- 1.84)	
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67 ( 0.22- 2.04)	
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09- 5.85)	
Subtotal 44												1.56 ( 0.80- 3.06)	
45	AUVINE	2	m	t	e	-	1	-	-	-	-	0.69 ( 0.28- 1.74)	
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31- 1.78)	
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 ( 0.80- 1.50)	
56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56 ( 0.20- 1.40)	
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 ( 0.60- 1.70)	
Subtotal 56												0.90 ( 0.57- 1.42)	
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 ( 0.62- 2.30)	
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48 ( 0.21- 1.09)	
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40 ( 0.10- 3.00)	
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 ( 0.50- 1.30)	
Subtotal 65												0.76 ( 0.48- 1.20)	
66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34 ( 0.82- 2.17)	
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94- 2.04)	
Subtotal 66												1.36 ( 1.01- 1.85)	
Partial Totals								352	615	169	375		
*prospective study													

Diseased

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75 ( 0.43- 1.30)	
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97 ( 0.38- 10.32)	
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07 ( 0.81- 5.25)	
Subtotal 3												2.04 ( 0.91- 4.61)	
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08 ( 1.20- 3.59)	
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00 ( 0.20- 5.07)	
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79 ( 0.25- 2.45)	
Subtotal 7												0.85 ( 0.34- 2.16)	
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23 ( 0.81- 1.87)	
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01 ( 1.09- 3.72)	
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80 ( 0.39- 6.96)	
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50 ( 0.93- 2.76)	
Subtotal 11												1.53 ( 0.92- 2.55)	
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30 ( 0.38- 4.39)	
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00 ( 0.37- 2.71)	
Subtotal 12												1.11 ( 0.51- 2.40)	
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68 ( 0.39- 6.90)	
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25 ( 0.77- 8.85)	
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08 ( 0.64- 1.82)	
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73 ( 0.49- 15.21)	

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 42  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By study control type - adjusted

Diseased

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63 ( 0.92- 2.87)	
Subtotal 23													
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11 ( 1.09- 4.08)	
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13 ( 0.78- 1.63)	
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 ( 0.64- 1.85)	
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72 ( 0.77- 3.87)	
36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47 ( 0.55- 3.94)	
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58 ( 0.30- 1.13)	
Subtotal 36													
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60 ( 0.67- 3.82)	
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08 ( 0.60- 1.94)	
Subtotal 38													
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26- 5.10)	
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53 ( 1.06- 2.21)	
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 ( 1.29- 2.71)	
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 ( 0.67- 1.49)	
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 ( 0.93- 1.80)	
Partial Totals								557	1306	375	1387		
*prospective study													

Both

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51 ( 0.14- 1.79)	
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80 ( 0.34- 1.90)	
Subtotal 5													
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36 ( 0.53- 3.49)	
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47 ( 0.81- 2.66)	
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11 ( 0.88- 1.39)	
Subtotal 46													
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00 ( 0.50- 1.80)	
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 ( 0.50- 2.90)	
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50 ( 0.80- 2.60)	
58	LAGARD	6	c	h	a	a	6	-	-	-	-	1.15 ( 0.91- 1.45)	
Partial Totals								38	220	14	66		
*prospective study													

Unstated

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16 ( 1.08- 4.29)	
Totals								34	41	20	52		
*prospective study													

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 42  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By study control type - adjusted

Prospective

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers		Non-exposed		RR	95.00%CI
								Exposed Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17 ( 0.85-	1.61)
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25 ( 1.05-	4.76)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45 ( 1.02-	2.08)
Subtotal 6													
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02 ( 0.48-	8.56)
*24	HOLE	3	c	h	e	b	2	-	-	-	-	2.41 ( 0.45-	12.83)
*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10 ( 0.60-	1.80)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20 ( 0.80-	1.60)
Subtotal 43													
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 ( 0.93-	3.18)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50 ( 0.30-	6.30)
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 ( 0.67-	4.60)
*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	0.63 ( 0.33-	1.22)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94 ( 0.66-	1.33)
Subtotal 63													
*67	VINEIS	1	c	t	c	-	7	-	-	-	-	1.05 ( 0.60-	1.82)
Partial Totals								88	94880	65	81859		
*prospective study													

Relative risks		Healthy	Diseased	Both	Unstated	Prospect	Total
	N	30	30	9	1	13	83
	NS	25	23	7	1	10	66
	Wt	617.17	329.85	192.53	8.13	191.07	1338.73
	Het Chi	56.57	33.01	4.12	0.00	12.93	122.19
	Het df	29	29	8	0	12	82
	Het P	**	N.S.	N.S.	N.S.	N.S.	**
	Fixed RR	1.07	1.35	1.14	2.16	1.20	1.17
	RR1	0.98	1.21	0.99	1.08	1.04	1.11
	RRu	1.15	1.51	1.32	4.29	1.39	1.23
	P	N.S.	+++	(+)	+	+	+++
	Random RR	1.10	1.36	1.14	2.16	1.21	1.21
	RR1	0.97	1.20	0.99	1.08	1.04	1.12
	RRu	1.25	1.53	1.32	4.29	1.40	1.30
	P	N.S.	+++	(+)	+	+	+++
	Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.	*
	Between Chi		12.16	0.72	3.99	2.13	15.54
	Between df		1	1	1	1	4
	Between P		+++	N.S.	+	N.S.	**

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)



Table 43  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By study quality (PNL criteria) - adjusted

good										Numbers					
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Exposed		Non-exposed		RR	95.00%CI		
								Case	Cont	Case	Cont				
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85-	1.61)	
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43-	1.30)	
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51	( 0.14-	1.79)	
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34-	1.90)	
Subtotal		5										0.69	( 0.34-	1.41)	
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25	( 1.05-	4.76)	
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02-	2.08)	
Subtotal		6										1.57	( 1.14-	2.17)	
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00	( 0.20-	5.07)	
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25-	2.45)	
Subtotal		7										0.85	( 0.34-	2.16)	
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50-	3.30)	
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80	( 0.39-	6.96)	
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93-	2.76)	
Subtotal		11										1.53	( 0.92-	2.55)	
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30	( 0.38-	4.39)	
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37-	2.71)	
Subtotal		12										1.11	( 0.51-	2.40)	
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89-	1.91)	
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87-	3.09)	
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70-	2.10)	
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64-	1.82)	
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73	( 0.49-	15.21)	
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92-	2.87)	
Subtotal		23										1.71	( 1.00-	2.93)	
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78-	1.63)	
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60-	0.90)	
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30-	1.96)	
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77-	3.87)	
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84-	7.85)	
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60	( 0.67-	3.82)	
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60-	1.94)	
Subtotal		38										1.22	( 0.75-	1.99)	
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16	( 0.80-	1.69)	
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26-	5.10)	
*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10	( 0.60-	1.80)	
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80-	1.60)	
Subtotal		43										1.17	( 0.87-	1.57)	
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67	( 0.22-	2.04)	
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52	( 1.09-	5.85)	
Subtotal		44										1.56	( 0.80-	3.06)	
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47	( 0.81-	2.66)	
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88-	1.39)	
Subtotal		46										1.15	( 0.93-	1.42)	
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75	( 0.31-	1.78)	
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06-	2.21)	
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00	( 0.50-	1.80)	
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72	( 0.93-	3.18)	
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20	( 0.50-	2.90)	
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30-	6.30)	
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87	( 1.29-	2.71)	
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50	( 0.80-	2.60)	
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20	( 0.62-	2.30)	
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80	( 0.67-	4.60)	
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00	( 0.67-	1.49)	
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93-	1.80)	
*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	0.63	( 0.33-	1.22)	
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66-	1.33)	
Subtotal		63										0.86	( 0.63-	1.17)	
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21-	1.09)	
*67	VINEIS	1	c	t	c	-	7	-	-	-	-	1.05	( 0.60-	1.82)	
Partial Totals								584	96105	364	82795				
*prospective study															

Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 43  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By study quality (PNL criteria) - adjusted

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
3	CORREA 1		m	s	e	-	0	2	26	6	154	1.97 ( 0.38- 10.32)	
3	CORREA 2		f	s	e	-	0	14	61	8	72	2.07 ( 0.81- 5.25)	
Subtotal 3												2.04 ( 0.91- 4.61)	
4	TRICHO 1		f	s	y	-	0	53	116	24	109	2.08 ( 1.20- 3.59)	
8	GARFI2 3		f	s	e	-	0	91	254	43	148	1.23 ( 0.81- 1.87)	
9	LAMW 1		f	s	e	-	0	37	64	23	80	2.01 ( 1.09- 3.72)	
13	BROWN1 2		f	t	e	-	3	-	-	-	-	1.68 ( 0.39- 6.90)	
15	HUMBL1 2		m	s	e	-	2	-	-	-	-	4.08 ( 0.70- 23.91)	
15	HUMBL1 4		f	s	e	-	2	-	-	-	-	2.20 ( 0.76- 6.56)	
Subtotal 15												2.60 ( 1.04- 6.53)	
17	LAMT 1		f	s	m	-	0	115	152	84	183	1.65 ( 1.16- 2.35)	
*19	BUTLER 2		f	s	m	-	1	-	-	-	-	2.02 ( 0.48- 8.56)	
20	GENG 1		f	s	e	-	0	34	41	20	52	2.16 ( 1.08- 4.29)	
21	INOUE 2		f	s	e	-	1	-	-	-	-	2.25 ( 0.77- 8.85)	
*24	HOLE 3		c	h	e	b	2	-	-	-	-	2.41 ( 0.45- 12.83)	
25	SVENSS 5		f	t	a	-	1	-	-	-	-	1.36 ( 0.53- 3.49)	
26	JANERI 4		c	s	e	-	3	-	-	-	-	0.75 ( 0.48- 1.18)	
27	KALAND 3		f	s	m	-	4	-	-	-	-	2.11 ( 1.09- 4.08)	
31	BROWN2 4		f	s	a	-	2	-	-	-	-	1.00 ( 0.80- 1.20)	
32	STOCKW 3		f	s	e	-	3	-	-	-	-	1.60 ( 0.80- 3.00)	
33	DU 1		f	s	e	-	0	47	154	28	100	1.09 ( 0.64- 1.85)	
35	FONTHA 6		f	s	a	-	8	-	-	-	-	1.29 ( 1.04- 1.60)	
36	LAYARD 2		m	s	e	-	2	-	-	-	-	1.47 ( 0.55- 3.94)	
36	LAYARD 4		f	s	e	-	2	-	-	-	-	0.58 ( 0.30- 1.13)	
Subtotal 36												0.78 ( 0.45- 1.34)	
39	SCHWAR 8		c	h	e	a	2	-	-	-	-	1.10 ( 0.80- 1.60)	
42	WANGT 2		f	s	m	-	0	92	89	43	46	1.11 ( 0.67- 1.84)	
45	AUVINE 2		m	t	e	-	1	-	-	-	-	0.69 ( 0.28- 1.74)	
53	ZHONG 2		f	s	e	-	7	-	-	-	-	1.10 ( 0.80- 1.50)	
56	WANGL 34		m	h	a	a	5	-	-	-	-	0.56 ( 0.20- 1.40)	
56	WANGL 36		f	h	a	a	5	-	-	-	-	1.03 ( 0.60- 1.70)	
Subtotal 56												0.90 ( 0.57- 1.42)	
58	LAGARD 6		c	h	a	a	6	-	-	-	-	1.15 ( 0.91- 1.45)	
65	IARCKR 3		m	s	a	-	0	-	-	-	-	0.40 ( 0.10- 3.00)	
65	IARCKR 2		f	s	a	-	2	-	-	-	-	0.80 ( 0.50- 1.30)	
Subtotal 65												0.76 ( 0.48- 1.20)	
66	MCGHEE 1		m	h	p	a	2	-	-	-	-	1.34 ( 0.82- 2.17)	
66	MCGHEE 2		f	h	p	a	2	-	-	-	-	1.38 ( 0.94- 2.04)	
Subtotal 66												1.36 ( 1.01- 1.85)	
Partial Totals								485	957	279	944		
*prospective study													

Relative risks	good		bad	Total
	N	50	33	83
	NS	39	27	66
	Wt	753.92	584.82	1338.73
Het	Chi	75.80	45.70	122.19
Het	df	49	32	82
Het	P	**	(*)	**
Fixed	RR	1.14	1.20	1.17
	RRl	1.06	1.10	1.11
	RRu	1.23	1.30	1.23
	P	+++	+++	+++
Random	RR	1.19	1.23	1.21
	RRl	1.08	1.10	1.12
	RRu	1.32	1.37	1.30
	P	+++	+++	+++
Asymm	P	(*)	N.S.	*

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 43  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By study quality (PNL criteria) - adjusted

	good	bad	Total
Relative risks			
Between Chi		0.68	0.68
Between df		1	1
Between P		N.S.	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 44  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes

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

0

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75 ( 0.43-	1.30)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08 ( 1.20-	3.59)
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5													
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65 ( 1.16-	2.35)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16 ( 1.08-	4.29)
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73 ( 0.49-	15.21)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63 ( 0.92-	2.87)
Subtotal 23													
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57 ( 0.84-	7.85)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26-	5.10)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 ( 0.93-	1.80)
Totals								502	1173	333	1112		
*prospective study													

1

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3													
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01 ( 1.09-	3.72)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36 ( 0.53-	3.49)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 ( 0.67-	1.84)
45	AUVINE	2	m	t	e	-	1	-	-	-	-	0.69 ( 0.28-	1.74)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50 ( 0.30-	6.30)
Partial Totals								145	240	80	352		
*prospective study													

2

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25 ( 1.05-	4.76)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45 ( 1.02-	2.08)
Subtotal 6													
10	WU	3	f	s	m	-	1	-	-	-	-	1.20 ( 0.50-	3.30)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30 ( 0.89-	1.91)
15	HUMBL1	2	m	s	e	-	2	-	-	-	-	4.08 ( 0.70-	23.91)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20 ( 0.76-	6.56)
Subtotal 15													
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20 ( 0.70-	2.10)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02 ( 0.48-	8.56)
*24	HOLE	3	c	h	e	b	2	-	-	-	-	2.41 ( 0.45-	12.83)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00 ( 0.80-	1.20)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 ( 0.64-	1.85)
39	SCHWAR	8	c	h	e	a	2	-	-	-	-	1.10 ( 0.80-	1.60)
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 ( 0.80-	1.69)
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44													
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53 ( 1.06-	2.21)
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50 ( 0.80-	2.60)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 ( 0.67-	1.49)
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40 ( 0.10-	3.00)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 ( 0.50-	1.30)
Subtotal 65													
66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34 ( 0.82-	2.17)
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94-	2.04)

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 44  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes

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

2

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
Subtotal	66							117	345	52	168	1.36 (	1.01- 1.85)

\*prospective study

3-5

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00 (	0.20- 5.07)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79 (	0.25- 2.45)
Subtotal	7											0.85 (	0.34- 2.16)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23 (	0.81- 1.87)
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30 (	0.38- 4.39)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00 (	0.37- 2.71)
Subtotal	12											1.11 (	0.51- 2.40)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68 (	0.39- 6.90)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64 (	0.87- 3.09)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25 (	0.77- 8.85)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08 (	0.64- 1.82)
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75 (	0.48- 1.18)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11 (	1.09- 4.08)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13 (	0.78- 1.63)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70 (	0.60- 0.90)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77 (	0.30- 1.96)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60 (	0.80- 3.00)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72 (	0.77- 3.87)
36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47 (	0.55- 3.94)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58 (	0.30- 1.13)
Subtotal	36											0.78 (	0.45- 1.34)
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00 (	0.50- 1.80)
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 (	0.93- 3.18)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 (	0.50- 2.90)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 (	0.62- 2.30)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48 (	0.21- 1.09)
Partial Totals								161	365	99	237		

\*prospective study

6+

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17 (	0.85- 1.61)
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80 (	0.39- 6.96)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50 (	0.93- 2.76)
Subtotal	11											1.53 (	0.92- 2.55)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29 (	1.04- 1.60)
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60 (	0.67- 3.82)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08 (	0.60- 1.94)
Subtotal	38											1.22 (	0.75- 1.99)
*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10 (	0.60- 1.80)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20 (	0.80- 1.60)
Subtotal	43											1.17 (	0.87- 1.57)
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47 (	0.81- 2.66)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11 (	0.88- 1.39)
Subtotal	46											1.15 (	0.93- 1.42)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 (	0.31- 1.78)
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 (	0.80- 1.50)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 (	1.29- 2.71)
56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56 (	0.20- 1.40)
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 (	0.60- 1.70)
Subtotal	56											0.90 (	0.57- 1.42)

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 44  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By total number of confounders considered in the study (grouped) - adjusted

6+								Numbers		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Exposed	Case	Cont	Case		
58	LAGARD	6	c	h	a	a	6	-	-	-	-	-	1.15 ( 0.91- 1.45)
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	-	1.80 ( 0.67- 4.60)
*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	-	0.63 ( 0.33- 1.22)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	-	0.94 ( 0.66- 1.33)
Subtotal 63								-	-	-	-	-	0.86 ( 0.63- 1.17)
*67	VINEIS	1	c	t	c	-	7	-	-	-	-	-	1.05 ( 0.60- 1.82)
Partial Totals								144	94939	79	81870		
*prospective study													

  

Relative risks	0	1	2	3-5	6+	Total
N	11	7	22	23	20	83
NS	9	6	17	20	14	66
Wt	130.77	41.45	386.58	281.77	498.17	1338.73
Het Chi	17.95	5.29	23.82	38.16	18.96	122.19
Het df	10	6	21	22	19	82
Het P	(*)	N.S.	N.S.	*	N.S.	**
Fixed RR	1.47	1.37	1.20	0.97	1.17	1.17
RRl	1.24	1.01	1.09	0.86	1.08	1.11
RRu	1.75	1.86	1.33	1.09	1.28	1.23
P	+++	+	+++	N.S.	+++	+++
Random RR	1.49	1.37	1.22	1.09	1.17	1.21
RRl	1.15	1.01	1.09	0.91	1.08	1.12
RRu	1.92	1.86	1.37	1.31	1.28	1.30
P	++	+	+++	N.S.	+++	+++
Asymm P	N.S.	N.S.	(*)	*	N.S.	*
Between Chi		0.17	4.13	15.53	5.33	18.02
Between df		1	1	1	1	4
Between P		N.S.	-	---	-	**

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 45  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 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	SEX	EXP	TIM	HOU	ADJ	Case	Cont	Case	Cont	RR	95.00%CI				
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43-	1.30)			
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97	( 0.38-	10.32)			
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81-	5.25)			
Subtotal 3													2.04	( 0.91-	4.61)		
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20-	3.59)			
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51	( 0.14-	1.79)			
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34-	1.90)			
Subtotal 5													0.69	( 0.34-	1.41)		
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09-	3.72)			
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16-	2.35)			
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08-	4.29)			
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73	( 0.49-	15.21)			
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92-	2.87)			
Subtotal 23													1.71	( 1.00-	2.93)		
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77-	3.87)			
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84-	7.85)			
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26-	5.10)			
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93-	1.80)			
Partial Totals								555	1324	370	1418						
*prospective study																	
Yes										Numbers Exposed		Non-exposed		RR		95.00%CI	
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Case	Cont	Case	Cont	RR	95.00%CI				
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85-	1.61)			
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25	( 1.05-	4.76)			
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02-	2.08)			
Subtotal 6													1.57	( 1.14-	2.17)		
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00	( 0.20-	5.07)			
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25-	2.45)			
Subtotal 7													0.85	( 0.34-	2.16)		
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81-	1.87)			
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50-	3.30)			
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80	( 0.39-	6.96)			
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93-	2.76)			
Subtotal 11													1.53	( 0.92-	2.55)		
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30	( 0.38-	4.39)			
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37-	2.71)			
Subtotal 12													1.11	( 0.51-	2.40)		
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39-	6.90)			
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89-	1.91)			
15	HUMBL1	2	m	s	e	-	2	-	-	-	-	4.08	( 0.70-	23.91)			
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76-	6.56)			
Subtotal 15													2.60	( 1.04-	6.53)		
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87-	3.09)			
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70-	2.10)			
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48-	8.56)			
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77-	8.85)			
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64-	1.82)			
*24	HOLE	3	c	h	e	b	2	-	-	-	-	2.41	( 0.45-	12.83)			
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53-	3.49)			
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75	( 0.48-	1.18)			
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09-	4.08)			
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78-	1.63)			
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60-	0.90)			
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30-	1.96)			
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80-	1.20)			
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80-	3.00)			
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64-	1.85)			
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04-	1.60)			
36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47	( 0.55-	3.94)			

Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 45  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By age considered as a confounder in the study or not - adjusted

Yes									Numbers		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Exposed	Cont	Case	Cont			
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58 ( 0.30-	1.13)	
Subtotal 36													0.78 ( 0.45-	1.34)
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60 ( 0.67-	3.82)	
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08 ( 0.60-	1.94)	
Subtotal 38													1.22 ( 0.75-	1.99)
39	SCHWAR	8	c	h	e	a	2	-	-	-	-	1.10 ( 0.80-	1.60)	
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 ( 0.80-	1.69)	
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 ( 0.67-	1.84)	
*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10 ( 0.60-	1.80)	
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20 ( 0.80-	1.60)	
Subtotal 43													1.17 ( 0.87-	1.57)
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67 ( 0.22-	2.04)	
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09-	5.85)	
Subtotal 44													1.56 ( 0.80-	3.06)
45	AUVINE	2	m	t	e	-	1	-	-	-	-	0.69 ( 0.28-	1.74)	
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47 ( 0.81-	2.66)	
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11 ( 0.88-	1.39)	
Subtotal 46													1.15 ( 0.93-	1.42)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31-	1.78)	
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53 ( 1.06-	2.21)	
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00 ( 0.50-	1.80)	
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 ( 0.93-	3.18)	
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 ( 0.50-	2.90)	
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50 ( 0.30-	6.30)	
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 ( 0.80-	1.50)	
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 ( 1.29-	2.71)	
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50 ( 0.80-	2.60)	
56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56 ( 0.20-	1.40)	
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 ( 0.60-	1.70)	
Subtotal 56													0.90 ( 0.57-	1.42)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 ( 0.62-	2.30)	
58	LAGARD	6	c	h	a	a	6	-	-	-	-	1.15 ( 0.91-	1.45)	
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 ( 0.67-	4.60)	
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 ( 0.67-	1.49)	
*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	0.63 ( 0.33-	1.22)	
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94 ( 0.66-	1.33)	
Subtotal 63													0.86 ( 0.63-	1.17)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48 ( 0.21-	1.09)	
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40 ( 0.10-	3.00)	
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 ( 0.50-	1.30)	
Subtotal 65													0.76 ( 0.48-	1.20)
66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34 ( 0.82-	2.17)	
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94-	2.04)	
Subtotal 66													1.36 ( 1.01-	1.85)
*67	VINEIS	1	c	t	c	-	7	-	-	-	-	1.05 ( 0.60-	1.82)	
Partial Totals									514	95738	273	82321		
*prospective study														

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)



Table 45  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By age considered as a confounder in the study or not - adjusted

	No	Yes	Total
Relative risks			
N	15	68	83
NS	12	54	66
Wt	152.62	1186.11	1338.73
Het Chi	19.46	89.90	122.19
Het df	14	67	82
Het P	N.S.	*	**
Fixed RR	1.53	1.13	1.17
RRl	1.31	1.06	1.11
RRu	1.80	1.19	1.23
P	+++	+++	+++
Random RR	1.56	1.15	1.21
RRl	1.27	1.07	1.12
RRu	1.91	1.24	1.30
P	+++	+++	+++
Asymm P	N.S.	(*)	*
Between Chi		12.83	12.83
Between df		1	1
Between P		---	***

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 46  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes

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

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75 ( 0.43- 1.30)	
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08 ( 1.20- 3.59)	
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51 ( 0.14- 1.79)	
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80 ( 0.34- 1.90)	
Subtotal 5													
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23 ( 0.81- 1.87)	
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68 ( 0.39- 6.90)	
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30 ( 0.89- 1.91)	
15	HUMBL1	2	m	s	e	-	2	-	-	-	-	4.08 ( 0.70- 23.91)	
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20 ( 0.76- 6.56)	
Subtotal 15													
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65 ( 1.16- 2.35)	
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20 ( 0.70- 2.10)	
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16 ( 1.08- 4.29)	
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08 ( 0.64- 1.82)	
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73 ( 0.49- 15.21)	
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63 ( 0.92- 2.87)	
Subtotal 23													
*24	HOLE	3	c	h	e	b	2	-	-	-	-	2.41 ( 0.45- 12.83)	
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36 ( 0.53- 3.49)	
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75 ( 0.48- 1.18)	
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11 ( 1.09- 4.08)	
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13 ( 0.78- 1.63)	
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70 ( 0.60- 0.90)	
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77 ( 0.30- 1.96)	
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00 ( 0.80- 1.20)	
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60 ( 0.80- 3.00)	
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 ( 0.64- 1.85)	
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72 ( 0.77- 3.87)	
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29 ( 1.04- 1.60)	
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57 ( 0.84- 7.85)	
39	SCHWAR	8	c	h	e	a	2	-	-	-	-	1.10 ( 0.80- 1.60)	
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 ( 0.80- 1.69)	
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26- 5.10)	
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 ( 0.67- 1.84)	
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67 ( 0.22- 2.04)	
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09- 5.85)	
Subtotal 44													
45	AUVINE	2	m	t	e	-	1	-	-	-	-	0.69 ( 0.28- 1.74)	
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31- 1.78)	
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53 ( 1.06- 2.21)	
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00 ( 0.50- 1.80)	
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 ( 0.93- 3.18)	
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 ( 0.50- 2.90)	
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50 ( 0.30- 6.30)	
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 ( 0.80- 1.50)	
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 ( 1.29- 2.71)	
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50 ( 0.80- 2.60)	
56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56 ( 0.20- 1.40)	
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 ( 0.60- 1.70)	
Subtotal 56													
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 ( 0.62- 2.30)	
58	LAGARD	6	c	h	a	a	6	-	-	-	-	1.15 ( 0.91- 1.45)	
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 ( 0.67- 4.60)	
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 ( 0.67- 1.49)	
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 ( 0.93- 1.80)	
*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	0.63 ( 0.33- 1.22)	
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94 ( 0.66- 1.33)	
Subtotal 63													
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48 ( 0.21- 1.09)	
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40 ( 0.10- 3.00)	
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 ( 0.50- 1.30)	
Subtotal 65													

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 46  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 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	SEX	EXP	TIM	HOU	ADJ	Case	Cont	Case	Cont				
66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34 ( 0.82- 2.17)			
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94- 2.04)			
Subtotal 66												1.36 ( 1.01- 1.85)			
*67	VINEIS	1	c	t	c	-	7	-	-	-	-	1.05 ( 0.60- 1.82)			
Partial Totals								910	2011	523	1557				
*prospective study															
Yes										Numbers Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Case	Cont	Case	Cont				
*1	GARF11	1	f	s	c	-	0	88	94880	65	81859	1.17 ( 0.85- 1.61)			
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97 ( 0.38- 10.32)			
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07 ( 0.81- 5.25)			
Subtotal 3												2.04 ( 0.91- 4.61)			
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25 ( 1.05- 4.76)			
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45 ( 1.02- 2.08)			
Subtotal 6												1.57 ( 1.14- 2.17)			
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00 ( 0.20- 5.07)			
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79 ( 0.25- 2.45)			
Subtotal 7												0.85 ( 0.34- 2.16)			
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01 ( 1.09- 3.72)			
10	WU	3	f	s	m	-	1	-	-	-	-	1.20 ( 0.50- 3.30)			
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80 ( 0.39- 6.96)			
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50 ( 0.93- 2.76)			
Subtotal 11												1.53 ( 0.92- 2.55)			
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30 ( 0.38- 4.39)			
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00 ( 0.37- 2.71)			
Subtotal 12												1.11 ( 0.51- 2.40)			
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64 ( 0.87- 3.09)			
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02 ( 0.48- 8.56)			
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25 ( 0.77- 8.85)			
36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47 ( 0.55- 3.94)			
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58 ( 0.30- 1.13)			
Subtotal 36												0.78 ( 0.45- 1.34)			
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60 ( 0.67- 3.82)			
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08 ( 0.60- 1.94)			
Subtotal 38												1.22 ( 0.75- 1.99)			
*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10 ( 0.60- 1.80)			
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20 ( 0.80- 1.60)			
Subtotal 43												1.17 ( 0.87- 1.57)			
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47 ( 0.81- 2.66)			
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11 ( 0.88- 1.39)			
Subtotal 46												1.15 ( 0.93- 1.42)			
Partial Totals								159	95051	120	82182				
*prospective study															

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 46  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By marital status considered as a confounder in the study or not - adjusted

	No	Yes	Total
Relative risks			
N	59	24	83
NS	51	15	66
Wt	1046.30	292.44	1338.73
Het Chi	102.04	17.84	122.19
Het df	58	23	82
Het P	***	N.S.	**
Fixed RR	1.14	1.26	1.17
RRl	1.07	1.12	1.11
RRu	1.21	1.41	1.23
P	+++	+++	+++
Random RR	1.18	1.26	1.21
RRl	1.08	1.12	1.12
RRu	1.30	1.41	1.30
P	+++	+++	+++
Asymm P	N.S.	N.S.	*
Between Chi		2.31	2.31
Between df		1	1
Between P		N.S.	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 47  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By any study results available on dose-response or not - adjusted

none

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75 ( 0.43-	1.30)
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00 ( 0.20-	5.07)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79 ( 0.25-	2.45)
Subtotal 7												0.85 ( 0.34-	2.16)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01 ( 1.09-	3.72)
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30 ( 0.38-	4.39)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00 ( 0.37-	2.71)
Subtotal 12												1.11 ( 0.51-	2.40)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68 ( 0.39-	6.90)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02 ( 0.48-	8.56)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08 ( 0.64-	1.82)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36 ( 0.53-	3.49)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13 ( 0.78-	1.63)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70 ( 0.60-	0.90)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77 ( 0.30-	1.96)
39	SCHWAR	8	c	h	e	a	2	-	-	-	-	1.10 ( 0.80-	1.60)
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 ( 0.80-	1.69)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26-	5.10)
45	AUVINE	2	m	t	e	-	1	-	-	-	-	0.69 ( 0.28-	1.74)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50 ( 0.30-	6.30)
58	LAGARD	6	c	h	a	a	6	-	-	-	-	1.15 ( 0.91-	1.45)
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 ( 0.67-	4.60)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 ( 0.93-	1.80)
*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	0.63 ( 0.33-	1.22)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94 ( 0.66-	1.33)
Subtotal 63												0.86 ( 0.63-	1.17)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48 ( 0.21-	1.09)
Partial Totals								299	601	229	638		
*prospective study													

no assoc, no results presented

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
10	WU	3	f	s	m	-	1	-	-	-	-	1.20 ( 0.50-	3.30)
Partial Totals								0	0	0	0		
*prospective study													

results presented

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17 ( 0.85-	1.61)
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3												2.04 ( 0.91-	4.61)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08 ( 1.20-	3.59)
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5												0.69 ( 0.34-	1.41)
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25 ( 1.05-	4.76)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45 ( 1.02-	2.08)
Subtotal 6												1.57 ( 1.14-	2.17)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23 ( 0.81-	1.87)
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80 ( 0.39-	6.96)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50 ( 0.93-	2.76)
Subtotal 11												1.53 ( 0.92-	2.55)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30 ( 0.89-	1.91)
15	HUMBL1	2	m	s	e	-	2	-	-	-	-	4.08 ( 0.70-	23.91)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20 ( 0.76-	6.56)
Subtotal 15												2.60 ( 1.04-	6.53)

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 47  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By any study results available on dose-response or not - adjusted

results presented

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64 ( 0.87- 3.09)	
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65 ( 1.16- 2.35)	
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20 ( 0.70- 2.10)	
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16 ( 1.08- 4.29)	
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25 ( 0.77- 8.85)	
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73 ( 0.49- 15.21)	
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63 ( 0.92- 2.87)	
Subtotal 23												1.71 ( 1.00- 2.93)	
*24	HOLE	3	c	h	e	b	2	-	-	-	-	2.41 ( 0.45- 12.83)	
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75 ( 0.48- 1.18)	
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11 ( 1.09- 4.08)	
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00 ( 0.80- 1.20)	
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60 ( 0.80- 3.00)	
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 ( 0.64- 1.85)	
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72 ( 0.77- 3.87)	
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29 ( 1.04- 1.60)	
36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47 ( 0.55- 3.94)	
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58 ( 0.30- 1.13)	
Subtotal 36												0.78 ( 0.45- 1.34)	
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57 ( 0.84- 7.85)	
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60 ( 0.67- 3.82)	
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08 ( 0.60- 1.94)	
Subtotal 38												1.22 ( 0.75- 1.99)	
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 ( 0.67- 1.84)	
*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10 ( 0.60- 1.80)	
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20 ( 0.80- 1.60)	
Subtotal 43												1.17 ( 0.87- 1.57)	
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67 ( 0.22- 2.04)	
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09- 5.85)	
Subtotal 44												1.56 ( 0.80- 3.06)	
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47 ( 0.81- 2.66)	
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11 ( 0.88- 1.39)	
Subtotal 46												1.15 ( 0.93- 1.42)	
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31- 1.78)	
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53 ( 1.06- 2.21)	
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00 ( 0.50- 1.80)	
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 ( 0.93- 3.18)	
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 ( 0.50- 2.90)	
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 ( 0.80- 1.50)	
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 ( 1.29- 2.71)	
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50 ( 0.80- 2.60)	
56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56 ( 0.20- 1.40)	
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 ( 0.60- 1.70)	
Subtotal 56												0.90 ( 0.57- 1.42)	
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 ( 0.62- 2.30)	
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 ( 0.67- 1.49)	
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40 ( 0.10- 3.00)	
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 ( 0.50- 1.30)	
Subtotal 65												0.76 ( 0.48- 1.20)	
66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34 ( 0.82- 2.17)	
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94- 2.04)	
Subtotal 66												1.36 ( 1.01- 1.85)	
*67	VINEIS	1	c	t	c	-	7	-	-	-	-	1.05 ( 0.60- 1.82)	
Partial Totals								770	96461	414	83101		
*prospective study													

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 47  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By any study results available on dose-response or not - adjusted

	none	no assoc	sig assoc	results	Total
Relative risks					
N	24	1		58	83
NS	21	1		44	66
Wt	411.26	4.31		923.16	1338.73
Het Chi	39.59	0.00		69.22	122.19
Het df	23	0		57	82
Het P	*	N.S.		N.S.	**
Fixed RR	1.00	1.20		1.25	1.17
RRl	0.91	0.47		1.17	1.11
RRu	1.11	3.08		1.33	1.23
P	N.S.	N.S.		+++	+++
Random RR	1.06	1.20		1.27	1.21
RRl	0.91	0.47		1.17	1.12
RRu	1.23	3.08		1.37	1.30
P	N.S.	N.S.		+++	+++
Asymm P	N.S.			(*)	*
Between Chi		0.14		13.38	13.38
Between df		1		1	2
Between P		N.S.	N.S.	+++	**

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 48  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By spouse the index or not - adjusted

Yes										Numbers		RR		95.00%CI	
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Exposed		Non-exposed					
								Case	Cont	Case	Cont				
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85-	1.61)	
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43-	1.30)	
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97	( 0.38-	10.32)	
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81-	5.25)	
Subtotal 3												2.04	( 0.91-	4.61)	
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20-	3.59)	
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25	( 1.05-	4.76)	
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02-	2.08)	
Subtotal 6												1.57	( 1.14-	2.17)	
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00	( 0.20-	5.07)	
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25-	2.45)	
Subtotal 7												0.85	( 0.34-	2.16)	
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81-	1.87)	
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09-	3.72)	
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50-	3.30)	
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80	( 0.39-	6.96)	
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93-	2.76)	
Subtotal 11												1.53	( 0.92-	2.55)	
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30	( 0.38-	4.39)	
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37-	2.71)	
Subtotal 12												1.11	( 0.51-	2.40)	
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89-	1.91)	
15	HUMBL1	2	m	s	e	-	2	-	-	-	-	4.08	( 0.70-	23.91)	
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76-	6.56)	
Subtotal 15												2.60	( 1.04-	6.53)	
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87-	3.09)	
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16-	2.35)	
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70-	2.10)	
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48-	8.56)	
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08-	4.29)	
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77-	8.85)	
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64-	1.82)	
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73	( 0.49-	15.21)	
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92-	2.87)	
Subtotal 23												1.71	( 1.00-	2.93)	
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75	( 0.48-	1.18)	
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09-	4.08)	
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78-	1.63)	
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60-	0.90)	
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80-	1.20)	
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80-	3.00)	
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64-	1.85)	
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77-	3.87)	
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04-	1.60)	
36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47	( 0.55-	3.94)	
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30-	1.13)	
Subtotal 36												0.78	( 0.45-	1.34)	
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60	( 0.67-	3.82)	
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60-	1.94)	
Subtotal 38												1.22	( 0.75-	1.99)	
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16	( 0.80-	1.69)	
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67-	1.84)	
*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10	( 0.60-	1.80)	
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80-	1.60)	
Subtotal 43												1.17	( 0.87-	1.57)	
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47	( 0.81-	2.66)	
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88-	1.39)	
Subtotal 46												1.15	( 0.93-	1.42)	
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06-	2.21)	
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00	( 0.50-	1.80)	
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72	( 0.93-	3.18)	
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20	( 0.50-	2.90)	
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10	( 0.80-	1.50)	

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)



Table 48  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By spouse the index or not - adjusted

Yes										Numbers		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Exposed		Case	Cont	Case	Cont		
54	LEECH	8	f	s	a	-	7	-	-	-	-	-	-	1.87 ( 1.29- 2.71)	
55	MALATS	12	c	s	e	-	2	-	-	-	-	-	-	1.50 ( 0.80- 2.60)	
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	-	-	1.80 ( 0.67- 4.60)	
60	OHNO	6	f	s	e	-	2	-	-	-	-	-	-	1.00 ( 0.67- 1.49)	
*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	-	-	0.63 ( 0.33- 1.22)	
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	-	-	0.94 ( 0.66- 1.33)	
Subtotal	63													0.86 ( 0.63- 1.17)	
65	IARCKR	3	m	s	a	-	0	-	-	-	-	-	-	0.40 ( 0.10- 3.00)	
65	IARCKR	2	f	s	a	-	2	-	-	-	-	-	-	0.80 ( 0.50- 1.30)	
Subtotal	65													0.76 ( 0.48- 1.20)	
Partial Totals									728	96108	487	83131			
*prospective study															

No										Numbers		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Exposed		Case	Cont	Case	Cont		
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51 ( 0.14- 1.79)			
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80 ( 0.34- 1.90)			
Subtotal	5													0.69 ( 0.34- 1.41)	
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68 ( 0.39- 6.90)			
*24	HOLE	3	c	h	e	b	2	-	-	-	-	2.41 ( 0.45- 12.83)			
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36 ( 0.53- 3.49)			
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77 ( 0.30- 1.96)			
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57 ( 0.84- 7.85)			
39	SCHWAR	8	c	h	e	a	2	-	-	-	-	1.10 ( 0.80- 1.60)			
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26- 5.10)			
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67 ( 0.22- 2.04)			
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09- 5.85)			
Subtotal	44													1.56 ( 0.80- 3.06)	
45	AUVINE	2	m	t	e	-	1	-	-	-	-	0.69 ( 0.28- 1.74)			
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31- 1.78)			
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50 ( 0.30- 6.30)			
56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56 ( 0.20- 1.40)			
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 ( 0.60- 1.70)			
Subtotal	56													0.90 ( 0.57- 1.42)	
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 ( 0.62- 2.30)			
58	LAGARD	6	c	h	a	a	6	-	-	-	-	1.15 ( 0.91- 1.45)			
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 ( 0.93- 1.80)			
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48 ( 0.21- 1.09)			
66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34 ( 0.82- 2.17)			
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94- 2.04)			
Subtotal	66													1.36 ( 1.01- 1.85)	
*67	VINEIS	1	c	t	c	-	7	-	-	-	-	1.05 ( 0.60- 1.82)			
Partial Totals									341	954	156	608			
*prospective study															

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 48  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By spouse the index or not - adjusted

		Yes	No	Total
Relative risks				
	N	60	23	83
	NS	47	19	66
	Wt	1063.90	274.83	1338.73
	Het Chi	96.23	25.95	122.19
	Het df	59	22	82
	Het P	**	N.S.	**
Fixed	RR	1.17	1.16	1.17
	RRl	1.10	1.04	1.11
	RRu	1.24	1.31	1.23
	P	+++	+	+++
Random	RR	1.23	1.16	1.21
	RRl	1.13	1.00	1.12
	RRu	1.34	1.33	1.30
	P	+++	+	+++
Asymm	P	**	N.S.	*
Between	Chi		0.00	0.00
Between	df		1	1
Between	P		N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 49  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By end year of study (grouped) - adjusted

										Numbers		Non-exposed			
										Exposed					
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Case	Cont	Case	Cont	RR	95.00%CI		
-1979															
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85-	1.61)	
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43-	1.30)	
Totals								122	94946	115	81932				
*prospective study															
1980-89															
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Case	Cont	Case	Cont	RR	95.00%CI		
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97	( 0.38-	10.32)	
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81-	5.25)	
Subtotal 3												2.04	( 0.91-	4.61)	
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20-	3.59)	
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51	( 0.14-	1.79)	
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34-	1.90)	
Subtotal 5												0.69	( 0.34-	1.41)	
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25	( 1.05-	4.76)	
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02-	2.08)	
Subtotal 6												1.57	( 1.14-	2.17)	
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00	( 0.20-	5.07)	
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25-	2.45)	
Subtotal 7												0.85	( 0.34-	2.16)	
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81-	1.87)	
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09-	3.72)	
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50-	3.30)	
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80	( 0.39-	6.96)	
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93-	2.76)	
Subtotal 11												1.53	( 0.92-	2.55)	
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30	( 0.38-	4.39)	
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37-	2.71)	
Subtotal 12												1.11	( 0.51-	2.40)	
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39-	6.90)	
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89-	1.91)	
15	HUMBL1	2	m	s	e	-	2	-	-	-	-	4.08	( 0.70-	23.91)	
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76-	6.56)	
Subtotal 15												2.60	( 1.04-	6.53)	
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87-	3.09)	
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16-	2.35)	
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70-	2.10)	
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48-	8.56)	
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08-	4.29)	
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77-	8.85)	
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64-	1.82)	
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73	( 0.49-	15.21)	
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92-	2.87)	
Subtotal 23												1.71	( 1.00-	2.93)	
*24	HOLE	3	c	h	e	b	2	-	-	-	-	2.41	( 0.45-	12.83)	
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53-	3.49)	
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75	( 0.48-	1.18)	
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09-	4.08)	
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78-	1.63)	
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60-	0.90)	
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30-	1.96)	
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64-	1.85)	
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77-	3.87)	
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04-	1.60)	
36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47	( 0.55-	3.94)	
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30-	1.13)	
Subtotal 36												0.78	( 0.45-	1.34)	
39	SCHWAR	8	c	h	e	a	2	-	-	-	-	1.10	( 0.80-	1.60)	
*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10	( 0.60-	1.80)	
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80-	1.60)	

Within each study, results are included (in the following order of preference) for:

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- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 49  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By end year of study (grouped) - adjusted

1980-89

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
Subtotal 43												1.17	( 0.87- 1.57)
Partial Totals								552	1293	343	1219		
*prospective study													

1990-

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80- 1.20)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80- 3.00)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60	( 0.67- 3.82)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60- 1.94)
Subtotal 38												1.22	( 0.75- 1.99)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67- 1.84)
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67	( 0.22- 2.04)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52	( 1.09- 5.85)
Subtotal 44												1.56	( 0.80- 3.06)
45	AUVINE	2	m	t	e	-	1	-	-	-	-	0.69	( 0.28- 1.74)
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47	( 0.81- 2.66)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88- 1.39)
Subtotal 46												1.15	( 0.93- 1.42)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75	( 0.31- 1.78)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06- 2.21)
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00	( 0.50- 1.80)
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72	( 0.93- 3.18)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20	( 0.50- 2.90)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10	( 0.80- 1.50)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87	( 1.29- 2.71)
56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56	( 0.20- 1.40)
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03	( 0.60- 1.70)
Subtotal 56												0.90	( 0.57- 1.42)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20	( 0.62- 2.30)
58	LAGARD	6	c	h	a	a	6	-	-	-	-	1.15	( 0.91- 1.45)
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80	( 0.67- 4.60)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)
*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	0.63	( 0.33- 1.22)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66- 1.33)
Subtotal 63												0.86	( 0.63- 1.17)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40	( 0.10- 3.00)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80	( 0.50- 1.30)
Subtotal 65												0.76	( 0.48- 1.20)
66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34	( 0.82- 2.17)
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38	( 0.94- 2.04)
Subtotal 66												1.36	( 1.01- 1.85)
*67	VINEIS	1	c	t	c	-	7	-	-	-	-	1.05	( 0.60- 1.82)
Partial Totals								328	763	170	554		
*prospective study													

Unkn

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16	( 0.80- 1.69)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26- 5.10)
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50	( 0.80- 2.60)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00	( 0.67- 1.49)
Partial Totals								67	60	15	34		
*prospective study													

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 49  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By end year of study (grouped) - adjusted

		-1979	1980-89	1990-	Unkn	Total
Relative risks						
	N	2	44	33	4	83
	NS	2	34	26	4	66
	Wt	50.20	602.51	615.61	70.42	1338.73
	Het Chi	1.85	72.40	40.96	5.62	122.19
	Het df	1	43	32	3	82
	Het P	N.S.	**	N.S.	N.S.	**
Fixed	RR	1.04	1.19	1.15	1.25	1.17
	RRl	0.79	1.10	1.06	0.99	1.11
	RRu	1.38	1.29	1.24	1.58	1.23
	P	N.S.	+++	+++	(+)	+++
Random	RR	0.99	1.28	1.15	1.32	1.21
	RRl	0.66	1.14	1.05	0.95	1.12
	RRu	1.51	1.45	1.27	1.85	1.30
	P	N.S.	+++	++	N.S.	+++
Asymm	P		**	N.S.	(*)	*
Between	Chi		0.77	0.40	0.97	1.36
Between	df		1	1	1	3
Between	P		N.S.	N.S.	N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 50  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By considered by EPA or not - adjusted

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73 (	0.49- 15.21)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63 (	0.92- 2.87)
Subtotal 23												1.71 (	1.00- 2.93)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00 (	0.80- 1.20)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60 (	0.80- 3.00)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 (	0.64- 1.85)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72 (	0.77- 3.87)
36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47 (	0.55- 3.94)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58 (	0.30- 1.13)
Subtotal 36												0.78 (	0.45- 1.34)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57 (	0.84- 7.85)
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60 (	0.67- 3.82)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08 (	0.60- 1.94)
Subtotal 38												1.22 (	0.75- 1.99)
39	SCHWAR	8	c	h	e	a	2	-	-	-	-	1.10 (	0.80- 1.60)
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 (	0.80- 1.69)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 (	1.26- 5.10)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 (	0.67- 1.84)
*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10 (	0.60- 1.80)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20 (	0.80- 1.60)
Subtotal 43												1.17 (	0.87- 1.57)
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67 (	0.22- 2.04)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 (	1.09- 5.85)
Subtotal 44												1.56 (	0.80- 3.06)
45	AUVINE	2	m	t	e	-	1	-	-	-	-	0.69 (	0.28- 1.74)
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47 (	0.81- 2.66)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11 (	0.88- 1.39)
Subtotal 46												1.15 (	0.93- 1.42)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 (	0.31- 1.78)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53 (	1.06- 2.21)
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00 (	0.50- 1.80)
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 (	0.93- 3.18)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 (	0.50- 2.90)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50 (	0.30- 6.30)
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 (	0.80- 1.50)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 (	1.29- 2.71)
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50 (	0.80- 2.60)
56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56 (	0.20- 1.40)
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 (	0.60- 1.70)
Subtotal 56												0.90 (	0.57- 1.42)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 (	0.62- 2.30)
58	LAGARD	6	c	h	a	a	6	-	-	-	-	1.15 (	0.91- 1.45)
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 (	0.67- 4.60)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 (	0.67- 1.49)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 (	0.93- 1.80)
*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	0.63 (	0.33- 1.22)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94 (	0.66- 1.33)
Subtotal 63												0.86 (	0.63- 1.17)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48 (	0.21- 1.09)
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40 (	0.10- 3.00)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 (	0.50- 1.30)
Subtotal 65												0.76 (	0.48- 1.20)
66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34 (	0.82- 2.17)
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 (	0.94- 2.04)
Subtotal 66												1.36 (	1.01- 1.85)
*67	VINEIS	1	c	t	c	-	7	-	-	-	-	1.05 (	0.60- 1.82)
Partial Totals								493	1071	250	854		
*prospective study													

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 50  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By considered by EPA or not - adjusted

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97	( 0.38- 10.32)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
Subtotal 3												2.04	( 0.91- 4.61)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51	( 0.14- 1.79)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
Subtotal 5												0.69	( 0.34- 1.41)
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25	( 1.05- 4.76)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)
Subtotal 6												1.57	( 1.14- 2.17)
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00	( 0.20- 5.07)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
Subtotal 7												0.85	( 0.34- 2.16)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80	( 0.39- 6.96)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93- 2.76)
Subtotal 11												1.53	( 0.92- 2.55)
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30	( 0.38- 4.39)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
Subtotal 12												1.11	( 0.51- 2.40)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89- 1.91)
15	HUMBL1	2	m	s	e	-	2	-	-	-	-	4.08	( 0.70- 23.91)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76- 6.56)
Subtotal 15												2.60	( 1.04- 6.53)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87- 3.09)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48- 8.56)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77- 8.85)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
*24	HOLE	3	c	h	e	b	2	-	-	-	-	2.41	( 0.45- 12.83)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75	( 0.48- 1.18)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78- 1.63)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60- 0.90)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30- 1.96)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04- 1.60)
Partial Totals								576	95991	393	82885		
*prospective study													

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 50  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By considered by EPA or not - adjusted

		No	Yes	Total
Relative risks				
	N	46	37	83
	NS	36	30	66
	Wt	808.22	530.52	1338.73
	Het Chi	54.95	67.12	122.19
	Het df	45	36	82
	Het P	N.S.	**	**
Fixed	RR	1.16	1.18	1.17
	RRl	1.08	1.08	1.11
	RRu	1.24	1.28	1.23
	P	+++	+++	+++
Random	RR	1.17	1.29	1.21
	RRl	1.08	1.12	1.12
	RRu	1.27	1.48	1.30
	P	+++	+++	+++
Asymm	P	N.S.	*	*
Between	Chi		0.11	0.11
Between	df		1	1
Between	P		N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)



Table 51  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By never smoker definition - adjusted

Never

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75 ( 0.43-	1.30)
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97 ( 0.38-	10.32)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07 ( 0.81-	5.25)
Subtotal 3												2.04 ( 0.91-	4.61)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08 ( 1.20-	3.59)
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51 ( 0.14-	1.79)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80 ( 0.34-	1.90)
Subtotal 5												0.69 ( 0.34-	1.41)
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25 ( 1.05-	4.76)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45 ( 1.02-	2.08)
Subtotal 6												1.57 ( 1.14-	2.17)
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00 ( 0.20-	5.07)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79 ( 0.25-	2.45)
Subtotal 7												0.85 ( 0.34-	2.16)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23 ( 0.81-	1.87)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01 ( 1.09-	3.72)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20 ( 0.50-	3.30)
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80 ( 0.39-	6.96)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50 ( 0.93-	2.76)
Subtotal 11												1.53 ( 0.92-	2.55)
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30 ( 0.38-	4.39)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00 ( 0.37-	2.71)
Subtotal 12												1.11 ( 0.51-	2.40)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68 ( 0.39-	6.90)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30 ( 0.89-	1.91)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20 ( 0.70-	2.10)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02 ( 0.48-	8.56)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25 ( 0.77-	8.85)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73 ( 0.49-	15.21)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63 ( 0.92-	2.87)
Subtotal 23												1.71 ( 1.00-	2.93)
*24	HOLE	3	c	h	e	b	2	-	-	-	-	2.41 ( 0.45-	12.83)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11 ( 1.09-	4.08)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13 ( 0.78-	1.63)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70 ( 0.60-	0.90)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00 ( 0.80-	1.20)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72 ( 0.77-	3.87)
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60 ( 0.67-	3.82)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08 ( 0.60-	1.94)
Subtotal 38												1.22 ( 0.75-	1.99)
39	SCHWAR	8	c	h	e	a	2	-	-	-	-	1.10 ( 0.80-	1.60)
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 ( 0.80-	1.69)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26-	5.10)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 ( 0.67-	1.84)
*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10 ( 0.60-	1.80)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20 ( 0.80-	1.60)
Subtotal 43												1.17 ( 0.87-	1.57)
45	AUVINE	2	m	t	e	-	1	-	-	-	-	0.69 ( 0.28-	1.74)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31-	1.78)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53 ( 1.06-	2.21)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50 ( 0.30-	6.30)
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 ( 0.67-	4.60)
*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	0.63 ( 0.33-	1.22)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94 ( 0.66-	1.33)
Subtotal 63												0.86 ( 0.63-	1.17)
66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34 ( 0.82-	2.17)
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94-	2.04)
Subtotal 66												1.36 ( 1.01-	1.85)
*67	VINEIS	1	c	t	c	-	7	-	-	-	-	1.05 ( 0.60-	1.82)
Partial Totals								686	1415	381	1200		

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
  - 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
  - 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)
- 'Other' studies may include subjects who have smoked for a limited period or occasionally

Table 51  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By never smoker definition - adjusted

Never

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		

Other

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
15	HUMBL1	2	m	s	e	-	2	-	-	-	-	4.08	( 0.70- 23.91)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76- 6.56)
Subtotal 15													
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87- 3.09)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75	( 0.48- 1.18)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30- 1.96)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80- 3.00)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04- 1.60)
36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47	( 0.55- 3.94)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30- 1.13)
Subtotal 36													
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67	( 0.22- 2.04)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52	( 1.09- 5.85)
Subtotal 44													
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47	( 0.81- 2.66)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88- 1.39)
Subtotal 46													
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00	( 0.50- 1.80)
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72	( 0.93- 3.18)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20	( 0.50- 2.90)
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10	( 0.80- 1.50)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87	( 1.29- 2.71)
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50	( 0.80- 2.60)
56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56	( 0.20- 1.40)
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03	( 0.60- 1.70)
Subtotal 56													
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20	( 0.62- 2.30)
58	LAGARD	6	c	h	a	a	6	-	-	-	-	1.15	( 0.91- 1.45)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00	( 0.67- 1.49)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40	( 0.10- 3.00)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80	( 0.50- 1.30)
Subtotal 65													
Partial Totals								383	95647	262	82539	0.76	( 0.48- 1.20)
*prospective study													

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
  - 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
  - 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)
- 'Other' studies may include subjects who have smoked for a limited period or occasionally

Table 51  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By never smoker definition - adjusted

	Never	Other	Total
Relative risks			
N	51	32	83
NS	40	26	66
Wt	745.79	592.94	1338.73
Het Chi	75.64	45.79	122.19
Het df	50	31	82
Het P	*	*	**
Fixed RR	1.14	1.20	1.17
RRl	1.06	1.10	1.11
RRu	1.23	1.30	1.23
P	+++	+++	+++
Random RR	1.22	1.19	1.21
RRl	1.11	1.07	1.12
RRu	1.35	1.33	1.30
P	+++	++	+++
Asymm P	**	N.S.	*
Between Chi		0.75	0.75
Between df		1	1
Between P		N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)  
 'Other' studies may include subjects who have smoked for a limited period or occasionally

Table 52  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By interview method/setting - adjusted

Hospital

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00	( 0.20- 5.07)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
Subtotal 7												0.85	( 0.34- 2.16)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30	( 0.38- 4.39)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
Subtotal 12												1.11	( 0.51- 2.40)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60	( 0.67- 3.82)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60- 1.94)
Subtotal 38												1.22	( 0.75- 1.99)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26- 5.10)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06- 2.21)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20	( 0.50- 2.90)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87	( 1.29- 2.71)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
Partial Totals								300	580	173	461		

\*prospective study

Home

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51	( 0.14- 1.79)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
Subtotal 5												0.69	( 0.34- 1.41)
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25	( 1.05- 4.76)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)
Subtotal 6												1.57	( 1.14- 2.17)
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80	( 0.39- 6.96)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93- 2.76)
Subtotal 11												1.53	( 0.92- 2.55)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87- 3.09)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77- 3.87)
36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47	( 0.55- 3.94)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30- 1.13)
Subtotal 36												0.78	( 0.45- 1.34)
*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10	( 0.60- 1.80)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80- 1.60)
Subtotal 43												1.17	( 0.87- 1.57)
Partial Totals								38	220	14	66		

\*prospective study

Telephone

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80- 1.20)
39	SCHWAR	8	c	h	e	a	2	-	-	-	-	1.10	( 0.80- 1.60)
Partial Totals								0	0	0	0		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 52  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By interview method/setting - adjusted

Self-completion

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17 ( 0.85- 1.61)	
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02 ( 0.48- 8.56)	
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08 ( 0.64- 1.82)	
*24	HOLE	3	c	h	e	b	2	-	-	-	-	2.41 ( 0.45- 12.83)	
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13 ( 0.78- 1.63)	
45	AUVINE	2	m	t	e	-	1	-	-	-	-	0.69 ( 0.28- 1.74)	
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 ( 0.93- 3.18)	
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50 ( 0.30- 6.30)	
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 ( 0.62- 2.30)	
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 ( 0.67- 4.60)	
*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	0.63 ( 0.33- 1.22)	
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94 ( 0.66- 1.33)	
Subtotal	63											0.86 ( 0.63- 1.17)	
*67	VINEIS	1	c	t	c	-	7	-	-	-	-	1.05 ( 0.60- 1.82)	
Partial Totals								140	94971	103	81931		

\*prospective study

Othr/unkn

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97 ( 0.38- 10.32)	
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07 ( 0.81- 5.25)	
Subtotal	3											2.04 ( 0.91- 4.61)	
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30 ( 0.89- 1.91)	
15	HUMBL1	2	m	s	e	-	2	-	-	-	-	4.08 ( 0.70- 23.91)	
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20 ( 0.76- 6.56)	
Subtotal	15											2.60 ( 1.04- 6.53)	
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65 ( 1.16- 2.35)	
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16 ( 1.08- 4.29)	
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25 ( 0.77- 8.85)	
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73 ( 0.49- 15.21)	
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63 ( 0.92- 2.87)	
Subtotal	23											1.71 ( 1.00- 2.93)	
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36 ( 0.53- 3.49)	
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75 ( 0.48- 1.18)	
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70 ( 0.60- 0.90)	
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77 ( 0.30- 1.96)	
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60 ( 0.80- 3.00)	
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 ( 0.64- 1.85)	
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29 ( 1.04- 1.60)	
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57 ( 0.84- 7.85)	
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 ( 0.80- 1.69)	
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 ( 0.67- 1.84)	
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67 ( 0.22- 2.04)	
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09- 5.85)	
Subtotal	44											1.56 ( 0.80- 3.06)	
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47 ( 0.81- 2.66)	
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11 ( 0.88- 1.39)	
Subtotal	46											1.15 ( 0.93- 1.42)	
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31- 1.78)	
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00 ( 0.50- 1.80)	
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 ( 0.80- 1.50)	
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50 ( 0.80- 2.60)	
56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56 ( 0.20- 1.40)	
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 ( 0.60- 1.70)	
Subtotal	56											0.90 ( 0.57- 1.42)	
58	LAGARD	6	c	h	a	a	6	-	-	-	-	1.15 ( 0.91- 1.45)	
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 ( 0.67- 1.49)	
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 ( 0.93- 1.80)	
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40 ( 0.10- 3.00)	
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 ( 0.50- 1.30)	

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 52  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By interview method/setting - adjusted

Othr/unkn

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers		Non-exposed		RR	95.00%CI	
								Exposed Case	Cont	Case	Cont			
Subtotal	65											0.76 (	0.48-	1.20)
66	MCGHEE 1	1	m	h	p	a	2	-	-	-	-	1.34 (	0.82-	2.17)
66	MCGHEE 2	2	f	h	p	a	2	-	-	-	-	1.38 (	0.94-	2.04)
Subtotal	66											1.36 (	1.01-	1.85)
Partial Totals								591	1291	353	1281			

\*prospective study

Relative risks		Hospital	Home	Telephon	Self-com	Othr/unkn	Total
	N	16	13	4	13	37	83
	NS	13	8	4	12	29	66
	Wt	168.70	134.16	142.49	165.40	727.98	1338.73
	Het Chi	24.35	13.57	0.59	9.54	62.83	122.19
	Het df	15	12	3	12	36	82
	Het P	(*)	N.S.	N.S.	N.S.	**	**
Fixed	RR	1.43	1.28	1.04	1.10	1.13	1.17
	RRl	1.23	1.08	0.89	0.95	1.05	1.11
	RRu	1.67	1.51	1.23	1.28	1.22	1.23
	P	+++	++	N.S.	N.S.	+++	+++
Random	RR	1.39	1.27	1.04	1.10	1.19	1.21
	RRl	1.13	1.06	0.89	0.95	1.06	1.12
	RRu	1.71	1.54	1.23	1.28	1.33	1.30
	P	++	+	N.S.	N.S.	++	+++
Asymm	P	N.S.	N.S.	(*)	N.S.	(*)	*
Between	Chi		0.98	7.77	5.81	7.70	11.30
Between	df		1	1	1	1	4
Between	P		N.S.	--	-	--	*

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 53  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By any proxy use or not - adjusted

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25	( 1.05- 4.76)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)
Subtotal	6											1.57	( 1.14- 2.17)
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00	( 0.20- 5.07)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
Subtotal	7											0.85	( 0.34- 2.16)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30	( 0.38- 4.39)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
Subtotal	12											1.11	( 0.51- 2.40)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89- 1.91)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87- 3.09)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48- 8.56)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73	( 0.49- 15.21)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)
Subtotal	23											1.71	( 1.00- 2.93)
*24	HOLE	3	c	h	e	b	2	-	-	-	-	2.41	( 0.45- 12.83)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78- 1.63)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60- 0.90)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30- 1.96)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77- 3.87)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60	( 0.67- 3.82)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60- 1.94)
Subtotal	38											1.22	( 0.75- 1.99)
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16	( 0.80- 1.69)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26- 5.10)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67- 1.84)
*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10	( 0.60- 1.80)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80- 1.60)
Subtotal	43											1.17	( 0.87- 1.57)
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47	( 0.81- 2.66)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88- 1.39)
Subtotal	46											1.15	( 0.93- 1.42)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75	( 0.31- 1.78)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06- 2.21)
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00	( 0.50- 1.80)
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72	( 0.93- 3.18)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20	( 0.50- 2.90)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87	( 1.29- 2.71)
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50	( 0.80- 2.60)
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80	( 0.67- 4.60)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00	( 0.67- 1.49)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)
*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	0.63	( 0.33- 1.22)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66- 1.33)
Subtotal	63											0.86	( 0.63- 1.17)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40	( 0.10- 3.00)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80	( 0.50- 1.30)
Subtotal	65											0.76	( 0.48- 1.20)
*67	VINEIS	1	c	t	c	-	7	-	-	-	-	1.05	( 0.60- 1.82)
Partial Totals								773	96115	500	83079		
*prospective study													

Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 53  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By any proxy use or not - adjusted

Yes										Numbers Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Case	Cont	Case	Cont				
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97 ( 0.38- 10.32)			
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07 ( 0.81- 5.25)			
Subtotal 3												2.04 ( 0.91- 4.61)			
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51 ( 0.14- 1.79)			
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80 ( 0.34- 1.90)			
Subtotal 5												0.69 ( 0.34- 1.41)			
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23 ( 0.81- 1.87)			
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80 ( 0.39- 6.96)			
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50 ( 0.93- 2.76)			
Subtotal 11												1.53 ( 0.92- 2.55)			
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68 ( 0.39- 6.90)			
15	HUMBL1	2	m	s	e	-	2	-	-	-	-	4.08 ( 0.70- 23.91)			
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20 ( 0.76- 6.56)			
Subtotal 15												2.60 ( 1.04- 6.53)			
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20 ( 0.70- 2.10)			
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25 ( 0.77- 8.85)			
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75 ( 0.48- 1.18)			
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00 ( 0.80- 1.20)			
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60 ( 0.80- 3.00)			
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 ( 0.64- 1.85)			
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29 ( 1.04- 1.60)			
36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47 ( 0.55- 3.94)			
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58 ( 0.30- 1.13)			
Subtotal 36												0.78 ( 0.45- 1.34)			
39	SCHWAR	8	c	h	e	a	2	-	-	-	-	1.10 ( 0.80- 1.60)			
45	AUVINE	2	m	t	e	-	1	-	-	-	-	0.69 ( 0.28- 1.74)			
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 ( 0.80- 1.50)			
56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56 ( 0.20- 1.40)			
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 ( 0.60- 1.70)			
Subtotal 56												0.90 ( 0.57- 1.42)			
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 ( 0.62- 2.30)			
58	LAGARD	6	c	h	a	a	6	-	-	-	-	1.15 ( 0.91- 1.45)			
66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34 ( 0.82- 2.17)			
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94- 2.04)			
Subtotal 66												1.36 ( 1.01- 1.85)			
Partial Totals								192	715	99	540				
*prospective study															
Unkn															
										Numbers Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Case	Cont	Case	Cont				
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16 ( 1.08- 4.29)			
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67 ( 0.22- 2.04)			
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09- 5.85)			
Subtotal 44												1.56 ( 0.80- 3.06)			
Totals								104	232	44	120				
*prospective study															

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)



Table 53  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By any proxy use or not - adjusted

		No	Yes	Unkn	Total
Relative risks					
	N	52	28	3	83
	NS	43	21	2	66
	Wt	804.27	517.84	16.63	1338.73
	Het Chi	87.65	26.96	3.91	122.19
	Het df	51	27	2	82
	Het P	**	N.S.	N.S.	**
Fixed	RR	1.17	1.14	1.83	1.17
	RRl	1.09	1.05	1.13	1.11
	RRu	1.26	1.24	2.96	1.23
	P	+++	++	+	+++
Random	RR	1.23	1.14	1.70	1.21
	RRl	1.11	1.05	0.85	1.12
	RRu	1.37	1.24	3.42	1.30
	P	+++	++	N.S.	+++
Asymm	P	*	N.S.	N.S.	*
Between	Chi		0.27	3.21	3.67
Between	df		1	1	2
Between	P		N.S.	(+)	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 54  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By proxy use differs markedly in cases and controls or not (CC studies only) - adjusted

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51	( 0.14- 1.79)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
Subtotal 5												0.69	( 0.34- 1.41)
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00	( 0.20- 5.07)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
Subtotal 7												0.85	( 0.34- 2.16)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80	( 0.39- 6.96)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93- 2.76)
Subtotal 11												1.53	( 0.92- 2.55)
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30	( 0.38- 4.39)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
Subtotal 12												1.11	( 0.51- 2.40)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89- 1.91)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87- 3.09)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77- 8.85)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73	( 0.49- 15.21)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)
Subtotal 23												1.71	( 1.00- 2.93)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75	( 0.48- 1.18)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78- 1.63)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60- 0.90)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30- 1.96)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64- 1.85)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77- 3.87)
36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47	( 0.55- 3.94)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30- 1.13)
Subtotal 36												0.78	( 0.45- 1.34)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60	( 0.67- 3.82)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60- 1.94)
Subtotal 38												1.22	( 0.75- 1.99)
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16	( 0.80- 1.69)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26- 5.10)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67- 1.84)
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47	( 0.81- 2.66)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88- 1.39)
Subtotal 46												1.15	( 0.93- 1.42)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75	( 0.31- 1.78)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06- 2.21)
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00	( 0.50- 1.80)
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20	( 0.50- 2.90)
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87	( 1.29- 2.71)
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50	( 0.80- 2.60)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20	( 0.62- 2.30)
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00	( 0.67- 1.49)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40	( 0.10- 3.00)
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80	( 0.50- 1.30)
Subtotal 65												0.76	( 0.48- 1.20)
66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34	( 0.82- 2.17)
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38	( 0.94- 2.04)
Subtotal 66												1.36	( 1.01- 1.85)
Partial Totals								770	1609	477	1386		

Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 54  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By proxy use differs markedly in cases and controls or not (CC studies only) - adjusted

No										Numbers Exposed		Non-exposed		RR	95.00%CI	
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Case	Cont	Case	Cont					
*prospective study																
Yes										Numbers Exposed		Non-exposed		RR	95.00%CI	
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Case	Cont	Case	Cont					
3	CORREA 1		m	s	e	-	0	2	26	6	154	1.97 ( 0.38- 10.32)				
3	CORREA 2		f	s	e	-	0	14	61	8	72	2.07 ( 0.81- 5.25)				
Subtotal 3												2.04 ( 0.91- 4.61)				
8	GARFI2 3		f	s	e	-	0	91	254	43	148	1.23 ( 0.81- 1.87)				
13	BROWN1 2		f	t	e	-	3	-	-	-	-	1.68 ( 0.39- 6.90)				
15	HUMBL1 2		m	s	e	-	2	-	-	-	-	4.08 ( 0.70- 23.91)				
15	HUMBL1 4		f	s	e	-	2	-	-	-	-	2.20 ( 0.76- 6.56)				
Subtotal 15												2.60 ( 1.04- 6.53)				
31	BROWN2 4		f	s	a	-	2	-	-	-	-	1.00 ( 0.80- 1.20)				
32	STOCKW 3		f	s	e	-	3	-	-	-	-	1.60 ( 0.80- 3.00)				
35	FONTHA 6		f	s	a	-	8	-	-	-	-	1.29 ( 1.04- 1.60)				
39	SCHWAR 8		c	h	e	a	2	-	-	-	-	1.10 ( 0.80- 1.60)				
45	AUVINE 2		m	t	e	-	1	-	-	-	-	0.69 ( 0.28- 1.74)				
53	ZHONG 2		f	s	e	-	7	-	-	-	-	1.10 ( 0.80- 1.50)				
56	WANGL 34		m	h	a	a	5	-	-	-	-	0.56 ( 0.20- 1.40)				
56	WANGL 36		f	h	a	a	5	-	-	-	-	1.03 ( 0.60- 1.70)				
Subtotal 56												0.90 ( 0.57- 1.42)				
58	LAGARD 6		c	h	a	a	6	-	-	-	-	1.15 ( 0.91- 1.45)				
Partial Totals										107	341	57	374			
*prospective study																
Unkn										Numbers Exposed		Non-exposed		RR	95.00%CI	
StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Case	Cont	Case	Cont					
20	GENG 1		f	s	e	-	0	34	41	20	52	2.16 ( 1.08- 4.29)				
44	ZHENG 1		m	h	e	a	0	8	12	17	17	0.67 ( 0.22- 2.04)				
44	ZHENG 2		f	h	e	a	0	62	179	7	51	2.52 ( 1.09- 5.85)				
Subtotal 44												1.56 ( 0.80- 3.06)				
Totals										104	232	44	120			
*prospective study																
Relative risks										No	Yes	Unkn	Total			
										N	52	15	3	70		
										NS	42	12	2	56		
										Wt	747.01	384.03	16.63	1147.67		
										Het Chi	88.48	13.16	3.91	109.04		
										Het df	51	14	2	69		
										Het P	***	N.S.	N.S.	**		
										Fixed RR	1.16	1.15	1.83	1.16		
										RRl	1.08	1.04	1.13	1.09		
										RRu	1.24	1.27	2.96	1.23		
										P	+++	++	+	+++		
										Random RR	1.21	1.15	1.70	1.21		
										RRl	1.09	1.04	0.85	1.11		
										RRu	1.34	1.27	3.42	1.31		
										P	+++	++	N.S.	+++		
										Asymm P	N.S.	N.S.	N.S.	(*)		
										Between Chi		0.02	3.42	3.50		
										Between df		1	1	2		

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 54  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Both sexes  
 By proxy use differs markedly in cases and controls or not (CC studies only) - adjusted

		No	Yes	Unkn	Total
Relative risks	Between P		N.S.	(+)	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table A 30  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Alternative Vineis results (from nested CC) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97	( 0.38- 10.32)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
Subtotal 3												2.04	( 0.91- 4.61)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51	( 0.14- 1.79)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
Subtotal 5												0.69	( 0.34- 1.41)
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25	( 1.05- 4.76)
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45	( 1.02- 2.08)
Subtotal 6												1.57	( 1.14- 2.17)
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00	( 0.20- 5.07)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
Subtotal 7												0.85	( 0.34- 2.16)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80	( 0.39- 6.96)
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50	( 0.93- 2.76)
Subtotal 11												1.53	( 0.92- 2.55)
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30	( 0.38- 4.39)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
Subtotal 12												1.11	( 0.51- 2.40)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30	( 0.89- 1.91)
15	HUMBL1	2	m	s	e	-	2	-	-	-	-	4.08	( 0.70- 23.91)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76- 6.56)
Subtotal 15												2.60	( 1.04- 6.53)
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64	( 0.87- 3.09)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48- 8.56)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25	( 0.77- 8.85)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73	( 0.49- 15.21)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)
Subtotal 23												1.71	( 1.00- 2.93)
*24	HOLE	3	c	h	e	b	2	-	-	-	-	2.41	( 0.45- 12.83)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75	( 0.48- 1.18)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13	( 0.78- 1.63)
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70	( 0.60- 0.90)
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77	( 0.30- 1.96)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80- 1.20)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80- 3.00)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64- 1.85)
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72	( 0.77- 3.87)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04- 1.60)
36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47	( 0.55- 3.94)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30- 1.13)
Subtotal 36												0.78	( 0.45- 1.34)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60	( 0.67- 3.82)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60- 1.94)
Subtotal 38												1.22	( 0.75- 1.99)
39	SCHWAR	8	c	h	e	a	2	-	-	-	-	1.10	( 0.80- 1.60)
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16	( 0.80- 1.69)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26- 5.10)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67- 1.84)
*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10	( 0.60- 1.80)

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table A 30  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Alternative Vineis results (from nested CC) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20 ( 0.80- 1.60)	
Subtotal	43											1.17 ( 0.87- 1.57)	
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67 ( 0.22- 2.04)	
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09- 5.85)	
Subtotal	44											1.56 ( 0.80- 3.06)	
45	AUVINE	2	m	t	e	-	1	-	-	-	-	0.69 ( 0.28- 1.74)	
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47 ( 0.81- 2.66)	
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11 ( 0.88- 1.39)	
Subtotal	46											1.15 ( 0.93- 1.42)	
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31- 1.78)	
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53 ( 1.06- 2.21)	
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00 ( 0.50- 1.80)	
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 ( 0.93- 3.18)	
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 ( 0.50- 2.90)	
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50 ( 0.30- 6.30)	
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 ( 0.80- 1.50)	
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 ( 1.29- 2.71)	
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50 ( 0.80- 2.60)	
56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56 ( 0.20- 1.40)	
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 ( 0.60- 1.70)	
Subtotal	56											0.90 ( 0.57- 1.42)	
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20 ( 0.62- 2.30)	
58	LAGARD	6	c	h	a	a	6	-	-	-	-	1.15 ( 0.91- 1.45)	
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 ( 0.67- 4.60)	
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 ( 0.67- 1.49)	
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 ( 0.93- 1.80)	
*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	0.63 ( 0.33- 1.22)	
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94 ( 0.66- 1.33)	
Subtotal	63											0.86 ( 0.63- 1.17)	
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48 ( 0.21- 1.09)	
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40 ( 0.10- 3.00)	
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 ( 0.50- 1.30)	
Subtotal	65											0.76 ( 0.48- 1.20)	
66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34 ( 0.82- 2.17)	
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94- 2.04)	
Subtotal	66											1.36 ( 1.01- 1.85)	
*67	VINEIS	7	c	t	c	-	7	-	-	-	-	1.42 ( 0.63- 3.20)	
Partial Totals								1069	97062	643	83739		

\*prospective study

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Ys	Ws	Qs	Ps
*1	GARFI1	1	f	s	c	-	0	0.16	37.42	0.00	0.3420
2	CHAN	1	f	s	e	-	0	-0.28	12.78	2.48	0.3086
3	CORREA	1	m	s	e	-	0	0.68	1.41	0.39	0.4200
3	CORREA	2	f	s	e	-	0	0.73	4.41	1.43	0.1276
Subtotal	3							1.09	5.82	1.82	
4	TRICHO	1	f	s	y	-	0	0.73	12.77	4.21	0.0091
5	BUFFLE	1	m	h	e	a	0	-0.68	2.42	1.69	0.2896
5	BUFFLE	2	f	h	e	a	0	-0.22	5.19	0.72	0.6209
Subtotal	5							-1.21	7.61	2.41	
*6	HIRAYA	2	m	s	e	-	1	0.81	6.73	2.89	0.0355
*6	HIRAYA	8	f	s	e	-	1	0.37	30.26	1.41	0.0410
Subtotal	6							0.87	36.99	4.30	
7	KABAT1	3	m	s	e	-	0	0.00	1.46	0.04	1.0000
7	KABAT1	4	f	s	e	-	0	-0.24	2.99	0.46	0.6802
Subtotal	7							-0.55	4.45	0.50	
8	GARFI2	3	f	s	e	-	0	0.21	22.25	0.07	0.3229
9	LAMW	1	f	s	e	-	0	0.70	10.14	2.99	0.0261
10	WU	3	f	s	m	-	1	0.18	4.31	0.00	0.7049
11	AKIBA	2	m	s	e	-	5	0.59	1.85	0.35	0.4240
11	AKIBA	4	f	s	e	-	5	0.41	12.99	0.81	0.1440
Subtotal	11							0.68	14.84	1.16	

Within each study, results are included (in the following order of preference) for:

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- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table A 30  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Alternative Vineis results (from nested CC) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Ys	Ws	Qs	Ps
12	LEE	4	m	s	m	-	1	0.26	2.57	0.03	0.6743
12	LEE	6	f	s	m	-	1	0.00	3.88	0.09	1.0000
Subtotal	12							-0.05	6.44	0.12	
13	BROWN1	2	f	t	e	-	3	0.52	1.86	0.25	0.4791
14	GAO	8	f	s	m	-	2	0.27	26.20	0.32	0.1741
15	HUMBL1	2	m	s	e	-	2	1.41	1.23	1.93	0.1185
15	HUMBL1	4	f	s	e	-	2	0.79	3.31	1.33	0.1516
Subtotal	15							1.88	4.54	3.25	
16	KOO	3	f	s	m	-	4	0.49	9.57	1.10	0.1260
17	LAMT	1	f	s	m	-	0	0.50	30.63	3.63	0.0057
18	PERSHA	2	f	s	m	-	2	0.18	12.73	0.01	0.5153
*19	BUTLER	2	f	s	m	-	1	0.70	1.85	0.56	0.3388
20	GENG	1	f	s	e	-	0	0.77	8.13	3.05	0.0285
21	INOUE	2	f	s	e	-	1	0.81	2.58	1.11	0.1930
22	SHIMIZ	2	f	s	m	-	0	0.08	14.20	0.08	0.7646
23	CHOI	1	m	s	e	-	0	1.00	1.30	0.94	0.2525
23	CHOI	2	f	s	e	-	0	0.49	11.99	1.32	0.0916
Subtotal	23							1.18	13.29	2.25	
*24	HOLE	3	c	h	e	b	2	0.88	1.37	0.72	0.3034
25	SVENSS	5	f	t	a	-	1	0.31	4.33	0.10	0.5225
26	JANERI	4	c	s	e	-	3	-0.29	18.99	3.73	0.2099
27	KALAND	3	f	s	m	-	4	0.75	8.82	3.08	0.0266
28	SOBUE	2	f	s	a	-	2	0.12	28.29	0.03	0.5157
29	WU-WIL	4	f	s	e	-	3	-0.36	93.46	24.51	0.0006
30	LIUZ	2	f	h	c	a	3	-0.26	4.36	0.76	0.5852
31	BROWN2	4	f	s	a	-	2	0.00	93.46	2.26	1.0000
32	STOCKW	3	f	s	e	-	3	0.47	8.80	0.87	0.1634
33	DU	1	f	s	e	-	0	0.09	13.61	0.07	0.7506
34	LIUQ	2	f	s	e	-	3	0.54	5.89	0.88	0.1880
35	FONTHA	6	f	s	a	-	8	0.25	82.80	0.82	0.0205
36	LAYARD	2	m	s	e	-	2	0.39	3.96	0.21	0.4431
36	LAYARD	4	f	s	e	-	2	-0.54	8.74	4.28	0.1074
Subtotal	36							-0.47	12.70	4.49	
37	DEWAAR	1	f	t	c	-	0	0.94	3.07	1.90	0.0986
38	KABAT2	4	m	s	a	-	3	0.47	5.07	0.50	0.2899
38	KABAT2	6	f	s	a	-	3	0.08	11.16	0.07	0.7971
Subtotal	38							0.24	16.23	0.57	
39	SCHWAR	8	c	h	e	a	2	0.10	31.98	0.12	0.5899
40	SUN	2	f	s	m	-	2	0.15	27.47	0.00	0.4366
41	WANGS	1	f	t	e	-	0	0.93	7.83	4.68	0.0093
42	WANGT	2	f	s	m	-	0	0.10	14.90	0.04	0.6978
*43	CARDEN	12	m	s	m	-	8	0.10	12.73	0.05	0.7338
*43	CARDEN	10	f	s	m	-	8	0.18	31.98	0.02	0.3025
Subtotal	43							-0.03	44.71	0.07	
44	ZHENG	1	m	h	e	a	0	-0.41	3.07	0.97	0.4776
44	ZHENG	2	f	h	e	a	0	0.93	5.43	3.22	0.0310
Subtotal	44							0.21	8.50	4.19	
45	AUVINE	2	m	t	e	-	1	-0.37	4.60	1.28	0.4259
46	BOFFET	7	m	s	e	-	2	0.39	10.87	0.57	0.2041
46	BOFFET	9	f	s	e	-	2	0.10	73.53	0.19	0.3709
Subtotal	46							0.18	84.40	0.77	
47	SHEN	1	f	t	y	-	0	-0.29	5.07	1.02	0.5088
48	ZARIDZ	4	f	s	e	-	2	0.43	28.46	2.07	0.0233
49	BOFFE2	12	c	s	a	-	2	0.00	9.36	0.23	1.0000
*50	JEE	4	f	s	e	-	5	0.54	10.17	1.52	0.0838
51	RAPITI	2	f	s	e	-	3	0.18	4.97	0.00	0.6843
*52	SPEIZE	1	f	t	a	-	1	0.41	1.66	0.10	0.6016
53	ZHONG	2	f	s	e	-	7	0.10	38.89	0.14	0.5523
54	LEECH	8	f	s	a	-	7	0.63	27.89	6.17	0.0009
55	MALATS	12	c	s	e	-	2	0.41	11.06	0.69	0.1775
56	WANGL	34	m	h	a	a	5	-0.58	4.06	2.19	0.2428
56	WANGL	36	f	h	a	a	5	0.03	14.17	0.22	0.9114
Subtotal	56							-0.86	18.22	2.42	
57	JOHNSO	8	f	h	e	a	4	0.18	8.94	0.01	0.5856

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- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table A 30  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Alternative Vineis results (from nested CC) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Ys	Ws	Qs	Ps
58	LAGARD	6	c	h	a	a	6	0.14	70.80	0.02	0.2396
*59	NISHIN	2	f	s	c	-	7	0.59	4.14	0.77	0.2317
60	OHNO	6	f	s	e	-	2	0.00	24.05	0.58	1.0000
62	SEOW	1	f	h	e	a	0	0.26	34.66	0.35	0.1317
*63	ENSTRO	6	m	s	e	-	8	-0.46	8.99	3.43	0.1660
*63	ENSTRO	12	f	s	e	-	8	-0.06	31.30	1.48	0.7292
Subtotal	63							-0.83	40.28	4.90	
64	ZATLOU	6	f	t	a	-	3	-0.73	5.67	4.48	0.0806
65	IARCKR	3	m	s	a	-	0	-0.92	1.33	1.53	0.2910
65	IARCKR	2	f	s	a	-	2	-0.22	16.83	2.41	0.3600
Subtotal	65							-1.45	18.16	3.94	
66	MCGHEE	1	m	h	p	a	2	0.29	16.22	0.31	0.2385
66	MCGHEE	2	f	h	p	a	2	0.32	25.59	0.71	0.1032
Subtotal	66							0.30	41.82	1.02	
*67	VINEIS	7	c	t	c	-	7	0.35	5.82	0.22	0.3977

Relative risks

	N	83
	NS	66
	Wt	1332.07
Het	Chi	122.27
Het	df	82
Het	P	**
Fixed	RR	1.17
	RRl	1.11
	RRu	1.23
	P	+++
Random	RR	1.21
	RRl	1.12
	RRu	1.30
	P	+++
Asymm	P	*

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)



Table A 31  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Alternative Vineis results (from nested CC) - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97	( 0.38- 10.32)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
Subtotal 3												2.04	( 0.91- 4.61)
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51	( 0.14- 1.79)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
Subtotal 5												0.69	( 0.34- 1.41)
*6	HIRAYA	1	m	s	e	-	0	7	1010	57	19279	2.34	( 1.07- 5.13)
*6	HIRAYA	7	f	s	e	-	0	163	69645	37	21895	1.38	( 0.97- 1.98)
Subtotal 6												1.52	( 1.10- 2.10)
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00	( 0.20- 5.07)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
Subtotal 7												0.85	( 0.34- 2.16)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
10	WU	2	f	s	m	-	0	19	33	9	22	1.41	( 0.54- 3.67)
11	AKIBA	1	m	s	e	-	0	3	9	16	101	2.10	( 0.51- 8.61)
11	AKIBA	3	f	s	e	-	0	73	188	21	82	1.52	( 0.87- 2.63)
Subtotal 11												1.58	( 0.95- 2.64)
12	LEE	3	m	s	m	-	0	8	14	7	16	1.31	( 0.38- 4.52)
12	LEE	5	f	s	m	-	0	22	45	10	21	1.03	( 0.41- 2.55)
Subtotal 12												1.12	( 0.54- 2.33)
13	BROWN1	1	f	t	e	-	0	4	7	15	40	1.52	( 0.39- 5.96)
14	GAO	4	f	s	m	-	0	189	276	57	99	1.19	( 0.82- 1.73)
15	HUMBL1	1	m	s	e	-	0	5	37	3	93	4.19	( 0.95- 18.42)
15	HUMBL1	3	f	s	e	-	0	15	91	5	71	2.34	( 0.81- 6.75)
Subtotal 15												2.85	( 1.20- 6.74)
16	KOO	2	f	s	m	-	0	51	66	35	70	1.55	( 0.90- 2.67)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
18	PERSHA	1	f	s	m	-	0	37	153	33	141	1.03	( 0.61- 1.74)
*19	BUTLER	1	f	s	m	-	0	3	10579	5	43052	2.44	( 0.58- 10.22)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	1	f	s	e	-	0	18	30	4	17	2.55	( 0.74- 8.78)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73	( 0.49- 15.21)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)
Subtotal 23												1.71	( 1.00- 2.93)
*24	HOLE	1	m	h	e	b	0	2	243	1	428	3.52	( 0.32- 38.65)
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22- 16.12)
Subtotal 24												2.49	( 0.50- 12.31)
25	SVENSS	1	f	t	a	-	0	24	114	10	60	1.26	( 0.57- 2.81)
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75	( 0.48- 1.18)
27	KALAND	2	f	s	m	-	0	64	70	26	46	1.62	( 0.90- 2.91)
28	SOBUE	1	f	s	a	-	0	80	395	64	336	1.06	( 0.74- 1.52)
29	WU-WIL	3	f	s	e	-	0	205	331	212	271	0.79	( 0.62- 1.02)
30	LIUZ	1	f	h	c	a	0	45	176	9	26	0.74	( 0.32- 1.69)
31	BROWN2	3	f	s	a	-	0	218	598	213	568	0.97	( 0.78- 1.21)
32	STOCKW	2	f	s	e	-	0	44	55	18	36	1.60	( 0.80- 3.19)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64- 1.85)
34	LIUQ	1	f	s	e	-	0	25	37	13	32	1.66	( 0.73- 3.78)
35	FONTHA	5	f	s	a	-	0	433	766	218	487	1.26	( 1.04- 1.54)
36	LAYARD	1	m	s	e	-	0	6	215	15	783	1.46	( 0.56- 3.80)
36	LAYARD	3	f	s	e	-	0	15	961	24	969	0.63	( 0.33- 1.21)
Subtotal 36												0.82	( 0.48- 1.41)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
38	KABAT2	3	m	s	a	-	0	11	19	28	79	1.63	( 0.69- 3.85)
38	KABAT2	5	f	s	a	-	0	41	102	26	71	1.10	( 0.62- 1.96)
Subtotal 38												1.24	( 0.77- 2.01)
39	SCHWAR	7	c	h	e	a	0	172	175	85	102	1.18	( 0.83- 1.68)
40	SUN	11	f	s	m	-	0	144	136	86	94	1.16	( 0.80- 1.68)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26- 5.10)

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table A 31  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Alternative Vineis results (from nested CC) - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67- 1.84)
*43	CARDEN	11	m	s	m	-	0	18	19549	79	76993	0.90	( 0.54- 1.50)
*43	CARDEN	9	f	s	m	-	0	96	114286	54	77948	1.21	( 0.87- 1.69)
Subtotal		43										1.11	( 0.84- 1.47)
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67	( 0.22- 2.04)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52	( 1.09- 5.85)
Subtotal		44										1.56	( 0.80- 3.06)
45	AUVINE	1	m	t	e	-	0	17	81	27	148	1.15	( 0.59- 2.24)
46	BOFFET	6	m	s	e	-	0	23	68	118	462	1.32	( 0.79- 2.21)
46	BOFFET	8	f	s	e	-	0	321	632	187	376	1.02	( 0.82- 1.27)
Subtotal		46										1.06	( 0.87- 1.30)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75	( 0.31- 1.78)
48	ZARIDZ	3	f	s	e	-	0	109	163	80	195	1.63	( 1.14- 2.33)
49	BOFFE2	11	c	s	a	-	0	33	75	37	103	1.22	( 0.70- 2.14)
*50	JEE	3	f	s	e	-	1	67	-	12	-	1.80	( 0.98- 3.30)
51	RAPITI	1	f	s	e	-	0	13	21	28	46	1.02	( 0.44- 2.35)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)
53	ZHONG	1	f	s	e	-	0	322	377	182	224	1.05	( 0.82- 1.34)
54	LEECH	7	f	s	a	-	0	186	253	82	192	1.72	( 1.25- 2.37)
55	MALATS	11	c	s	e	-	0	58	42	64	79	1.70	( 1.02- 2.86)
56	WANGL	33	m	h	a	a	0	14	57	19	57	0.74	( 0.34- 1.61)
56	WANGL	35	f	h	a	a	0	169	337	31	70	1.13	( 0.71- 1.80)
Subtotal		56										1.01	( 0.68- 1.51)
57	JOHNSO	7	f	h	e	a	0	54	543	17	218	1.28	( 0.72- 2.25)
58	LAGARD	5	c	h	a	a	0	179	611	254	997	1.15	( 0.93- 1.43)
*59	NISHIN	1	f	s	c	-	0	11	30566	13	43361	1.20	( 0.54- 2.68)
60	OHNO	5	f	s	e	-	0	139	239	52	90	1.01	( 0.67- 1.50)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)
*63	ENSTRO	3	m	s	e	-	1	-	-	-	-	0.75	( 0.42- 1.35)
*63	ENSTRO	9	f	s	e	-	1	-	-	-	-	0.99	( 0.72- 1.37)
Subtotal		63										0.93	( 0.70- 1.23)
64	ZATLOU	3	f	t	a	-	0	7	155	77	734	0.43	( 0.19- 0.95)
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40	( 0.10- 3.00)
65	IARCKR	1	f	s	a	-	0	-	-	-	-	0.90	( 0.60- 1.40)
Subtotal		65										0.86	( 0.57- 1.29)
66	MCGHEE	5	m	h	p	a	0	33	71	112	347	1.44	( 0.90- 2.29)
66	MCGHEE	6	f	h	p	a	0	96	150	83	195	1.50	( 1.05- 2.16)
Subtotal		66										1.48	( 1.11- 1.97)
*67	VINEIS	7	c	t	c	-	7	-	-	-	-	1.42	( 0.63- 3.20)
Partial Totals								5185	353209	3614	376450		
*prospective study													

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Ys	Ws	Qs	Ps
*1	GARFI1	1	f	s	c	-	0	0.16	37.42	0.01	0.3420
2	CHAN	1	f	s	e	-	0	-0.28	12.78	2.64	0.3086
3	CORREA	1	m	s	e	-	0	0.68	1.41	0.37	0.4200
3	CORREA	2	f	s	e	-	0	0.73	4.41	1.36	0.1276
Subtotal		3						1.07	5.82	1.73	
4	TRICHO	1	f	s	y	-	0	0.73	12.77	4.00	0.0091
5	BUFFLE	1	m	h	e	a	0	-0.68	2.42	1.75	0.2896
5	BUFFLE	2	f	h	e	a	0	-0.22	5.19	0.78	0.6209
Subtotal		5						-1.24	7.61	2.53	
*6	HIRAYA	1	m	s	e	-	0	0.85	6.28	2.92	0.0328
*6	HIRAYA	7	f	s	e	-	0	0.33	30.21	0.73	0.0734
Subtotal		6						0.84	36.48	3.65	
7	KABAT1	3	m	s	e	-	0	0.00	1.46	0.04	1.0000
7	KABAT1	4	f	s	e	-	0	-0.24	2.99	0.50	0.6802
Subtotal		7						-0.58	4.45	0.54	
8	GARFI2	3	f	s	e	-	0	0.21	22.25	0.03	0.3229
9	LAMW	1	f	s	e	-	0	0.70	10.14	2.83	0.0261
10	WU	2	f	s	m	-	0	0.34	4.18	0.12	0.4850
11	AKIBA	1	m	s	e	-	0	0.74	1.93	0.64	0.3008

Within each study, results are included (in the following order of preference) for:  
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 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table A 31  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Alternative Vineis results (from nested CC) - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Ys	Ws	Qs	Ps
11	AKIBA	3	f	s	e	-	0	0.42	12.69	0.77	0.1382
Subtotal 11								0.82	14.62	1.41	
12	LEE	3	m	s	m	-	0	0.27	2.49	0.02	0.6735
12	LEE	5	f	s	m	-	0	0.03	4.64	0.10	0.9548
Subtotal 12								-0.05	7.13	0.12	
13	BROWN1	1	f	t	e	-	0	0.42	2.06	0.13	0.5451
14	GAO	4	f	s	m	-	0	0.17	27.35	0.00	0.3644
15	HUMBL1	1	m	s	e	-	0	1.43	1.75	2.79	0.0580
15	HUMBL1	3	f	s	e	-	0	0.85	3.43	1.59	0.1154
Subtotal 15								1.94	5.18	4.38	
16	KOO	2	f	s	m	-	0	0.44	12.88	0.91	0.1182
17	LAMT	1	f	s	m	-	0	0.50	30.63	3.33	0.0057
18	PERSHA	1	f	s	m	-	0	0.03	14.09	0.27	0.9022
*19	BUTLER	1	f	s	m	-	0	0.89	1.88	0.98	0.2215
20	GENG	1	f	s	e	-	0	0.77	8.13	2.91	0.0285
21	INOUE	1	f	s	e	-	0	0.94	2.51	1.48	0.1377
22	SHIMIZ	2	f	s	m	-	0	0.08	14.20	0.12	0.7646
23	CHOI	1	m	s	e	-	0	1.00	1.30	0.90	0.2525
23	CHOI	2	f	s	e	-	0	0.49	11.99	1.21	0.0916
Subtotal 23								1.15	13.29	2.11	
*24	HOLE	1	m	h	e	b	0	1.26	0.67	0.79	0.3028
*24	HOLE	2	f	h	e	b	0	0.64	0.84	0.18	0.5613
Subtotal 24								1.55	1.50	0.98	
25	SVENSS	1	f	t	a	-	0	0.23	5.98	0.02	0.5677
26	JANERI	4	c	s	e	-	3	-0.29	18.99	3.98	0.2099
27	KALAND	2	f	s	m	-	0	0.48	11.10	1.07	0.1091
28	SOBUE	1	f	s	a	-	0	0.06	29.73	0.35	0.7379
29	WU-WIL	3	f	s	e	-	0	-0.23	61.33	9.99	0.0674
30	LIUZ	1	f	h	c	a	0	-0.30	5.63	1.26	0.4721
31	BROWN2	3	f	s	a	-	0	-0.03	78.65	3.09	0.8021
32	STOCKW	2	f	s	e	-	0	0.47	8.05	0.72	0.1824
33	DU	1	f	s	e	-	0	0.09	13.61	0.10	0.7506
34	LIUQ	1	f	s	e	-	0	0.51	5.71	0.65	0.2242
35	FONTHA	5	f	s	a	-	0	0.23	97.51	0.39	0.0212
36	LAYARD	1	m	s	e	-	0	0.38	4.18	0.18	0.4418
36	LAYARD	3	f	s	e	-	0	-0.46	9.06	3.62	0.1647
Subtotal 36								-0.43	13.24	3.79	
37	DEWAAR	1	f	t	c	-	0	0.94	3.07	1.83	0.0986
38	KABAT2	3	m	s	a	-	0	0.49	5.21	0.54	0.2627
38	KABAT2	5	f	s	a	-	0	0.09	11.53	0.07	0.7517
Subtotal 38								0.24	16.74	0.60	
39	SCHWAR	7	c	h	e	a	0	0.17	30.21	0.00	0.3643
40	SUN	11	f	s	m	-	0	0.15	27.35	0.02	0.4448
41	WANGS	1	f	t	e	-	0	0.93	7.83	4.51	0.0093
42	WANGT	2	f	s	m	-	0	0.10	14.90	0.07	0.6978
*43	CARDEN	11	m	s	m	-	0	-0.11	14.67	1.14	0.6783
*43	CARDEN	9	f	s	m	-	0	0.19	34.59	0.02	0.2571
Subtotal 43								-0.26	49.26	1.15	
44	ZHENG	1	m	h	e	a	0	-0.41	3.07	1.02	0.4776
44	ZHENG	2	f	h	e	a	0	0.93	5.43	3.10	0.0310
Subtotal 44								0.18	8.50	4.12	
45	AUVINE	1	m	t	e	-	0	0.14	8.70	0.01	0.6794
46	BOFFET	6	m	s	e	-	0	0.28	14.53	0.18	0.2843
46	BOFFET	8	f	s	e	-	0	0.02	78.71	1.75	0.8520
Subtotal 46								-0.04	93.24	1.93	
47	SHEN	1	f	t	y	-	0	-0.29	5.07	1.09	0.5088
48	ZARIDZ	3	f	s	e	-	0	0.49	30.36	3.08	0.0071
49	BOFFE2	11	c	s	a	-	0	0.20	12.44	0.01	0.4743
*50	JEE	3	f	s	e	-	1	0.59	10.42	1.82	0.0577
51	RAPITI	1	f	s	e	-	0	0.02	5.49	0.13	0.9685
*52	SPEIZE	1	f	t	a	-	1	0.41	1.66	0.09	0.6016
53	ZHONG	1	f	s	e	-	0	0.05	63.63	0.92	0.6903
54	LEECH	7	f	s	a	-	0	0.54	37.41	5.21	0.0009
55	MALATS	11	c	s	e	-	0	0.53	14.42	1.90	0.0428

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Table A 31  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Alternative Vineis results (from nested CC) - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Ys	Ws	Qs	Ps
56	WANGL	33	m	h	a	a	0	-0.31	6.28	1.42	0.4440
56	WANGL	35	f	h	a	a	0	0.12	18.04	0.04	0.5975
Subtotal		56						-0.52	24.32	1.46	
57	JOHNSO	7	f	h	e	a	0	0.24	11.94	0.06	0.4008
58	LAGARD	5	c	h	a	a	0	0.14	82.21	0.08	0.2052
*59	NISHIN	1	f	s	c	-	0	0.18	5.96	0.00	0.6557
60	OHNO	5	f	s	e	-	0	0.01	23.97	0.64	0.9743
62	SEOW	1	f	h	e	a	0	0.26	34.66	0.26	0.1317
*63	ENSTRO	3	m	s	e	-	1	-0.29	11.27	2.36	0.3341
*63	ENSTRO	9	f	s	e	-	1	-0.01	37.13	1.20	0.9512
Subtotal		63						-0.64	48.40	3.57	
64	ZATLOU	3	f	t	a	-	0	-0.84	6.11	6.27	0.0372
65	IARCKR	3	m	s	a	-	0	-0.92	1.33	1.57	0.2910
65	IARCKR	1	f	s	a	-	0	-0.11	21.40	1.62	0.6259
Subtotal		65						-1.36	22.73	3.19	
66	MCGHEE	5	m	h	p	a	0	0.36	17.79	0.67	0.1240
66	MCGHEE	6	f	h	p	a	0	0.41	29.19	1.65	0.0276
Subtotal		66						0.43	46.98	2.32	
*67	VINEIS	7	c	t	c	-	7	0.35	5.82	0.19	0.3977

Relative risks

	N	84
	NS	66
	Wt	1412.71
Het	Chi	109.14
Het	df	83
Het	P	*
Fixed	RR	1.19
	RRl	1.13
	RRu	1.25
	P	+++
Random	RR	1.21
	RRl	1.13
	RRu	1.29
	P	+++
Asymm	P	*

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 Within each study, results are included (in the following order of preference) for:

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- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table A 32  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Alternative Vineis results (from nested CC) - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97	( 0.38- 10.32)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
Subtotal 3												2.04	( 0.91- 4.61)
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51	( 0.14- 1.79)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
Subtotal 5												0.69	( 0.34- 1.41)
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00	( 0.20- 5.07)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
Subtotal 7												0.85	( 0.34- 2.16)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
10	WU	3	f	s	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
13	BROWN1	2	f	t	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)
15	HUMBL1	2	m	s	e	-	2	-	-	-	-	4.08	( 0.70- 23.91)
15	HUMBL1	4	f	s	e	-	2	-	-	-	-	2.20	( 0.76- 6.56)
Subtotal 15												2.60	( 1.04- 6.53)
*19	BUTLER	2	f	s	m	-	1	-	-	-	-	2.02	( 0.48- 8.56)
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75	( 0.48- 1.18)
31	BROWN2	4	f	s	a	-	2	-	-	-	-	1.00	( 0.80- 1.20)
32	STOCKW	3	f	s	e	-	3	-	-	-	-	1.60	( 0.80- 3.00)
35	FONTHA	6	f	s	a	-	8	-	-	-	-	1.29	( 1.04- 1.60)
36	LAYARD	2	m	s	e	-	2	-	-	-	-	1.47	( 0.55- 3.94)
36	LAYARD	4	f	s	e	-	2	-	-	-	-	0.58	( 0.30- 1.13)
Subtotal 36												0.78	( 0.45- 1.34)
38	KABAT2	4	m	s	a	-	3	-	-	-	-	1.60	( 0.67- 3.82)
38	KABAT2	6	f	s	a	-	3	-	-	-	-	1.08	( 0.60- 1.94)
Subtotal 38												1.22	( 0.75- 1.99)
39	SCHWAR	8	c	h	e	a	2	-	-	-	-	1.10	( 0.80- 1.60)
*43	CARDEN	12	m	s	m	-	8	-	-	-	-	1.10	( 0.60- 1.80)
*43	CARDEN	10	f	s	m	-	8	-	-	-	-	1.20	( 0.80- 1.60)
Subtotal 43												1.17	( 0.87- 1.57)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)
57	JOHNSO	8	f	h	e	a	4	-	-	-	-	1.20	( 0.62- 2.30)
*63	ENSTRO	6	m	s	e	-	8	-	-	-	-	0.63	( 0.33- 1.22)
*63	ENSTRO	12	f	s	e	-	8	-	-	-	-	0.94	( 0.66- 1.33)
Subtotal 63												0.86	( 0.63- 1.17)
Partial Totals								251	95461	154	82316		
*prospective study													

Europe

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
12	LEE	4	m	s	m	-	1	-	-	-	-	1.30	( 0.38- 4.39)
12	LEE	6	f	s	m	-	1	-	-	-	-	1.00	( 0.37- 2.71)
Subtotal 12												1.11	( 0.51- 2.40)
18	PERSHA	2	f	s	m	-	2	-	-	-	-	1.20	( 0.70- 2.10)
*24	HOLE	3	c	h	e	b	2	-	-	-	-	2.41	( 0.45- 12.83)
25	SVENSS	5	f	t	a	-	1	-	-	-	-	1.36	( 0.53- 3.49)
27	KALAND	3	f	s	m	-	4	-	-	-	-	2.11	( 1.09- 4.08)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
45	AUVINE	2	m	t	e	-	1	-	-	-	-	0.69	( 0.28- 1.74)
46	BOFFET	7	m	s	e	-	2	-	-	-	-	1.47	( 0.81- 2.66)
46	BOFFET	9	f	s	e	-	2	-	-	-	-	1.11	( 0.88- 1.39)
Subtotal 46												1.15	( 0.93- 1.42)
48	ZARIDZ	4	f	s	e	-	2	-	-	-	-	1.53	( 1.06- 2.21)
49	BOFFE2	12	c	s	a	-	2	-	-	-	-	1.00	( 0.50- 1.80)
55	MALATS	12	c	s	e	-	2	-	-	-	-	1.50	( 0.80- 2.60)
58	LAGARD	6	c	h	a	a	6	-	-	-	-	1.15	( 0.91- 1.45)
64	ZATLOU	6	f	t	a	-	3	-	-	-	-	0.48	( 0.21- 1.09)
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40	( 0.10- 3.00)

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table A 32  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Alternative Vineis results (from nested CC) - both sexes  
 By continent - adjusted

Europe

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
65	IARCKR	2	f	s	a	-	2	-	-	-	-	0.80 ( 0.50- 1.30)	
Subtotal 65								-	-	-	-	0.76 ( 0.48- 1.20)	
*67	VINEIS	7	c	t	c	-	7	-	-	-	-	1.42 ( 0.63- 3.20)	
Partial Totals								72	240	28	176		

Asia

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75 ( 0.43- 1.30)	
*6	HIRAYA	2	m	s	e	-	1	-	-	-	-	2.25 ( 1.05- 4.76)	
*6	HIRAYA	8	f	s	e	-	1	-	-	-	-	1.45 ( 1.02- 2.08)	
Subtotal 6								-	-	-	-	1.57 ( 1.14- 2.17)	
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01 ( 1.09- 3.72)	
11	AKIBA	2	m	s	e	-	5	-	-	-	-	1.80 ( 0.39- 6.96)	
11	AKIBA	4	f	s	e	-	5	-	-	-	-	1.50 ( 0.93- 2.76)	
Subtotal 11								-	-	-	-	1.53 ( 0.92- 2.55)	
14	GAO	8	f	s	m	-	2	-	-	-	-	1.30 ( 0.89- 1.91)	
16	KOO	3	f	s	m	-	4	-	-	-	-	1.64 ( 0.87- 3.09)	
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65 ( 1.16- 2.35)	
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16 ( 1.08- 4.29)	
21	INOUE	2	f	s	e	-	1	-	-	-	-	2.25 ( 0.77- 8.85)	
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08 ( 0.64- 1.82)	
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73 ( 0.49- 15.21)	
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63 ( 0.92- 2.87)	
Subtotal 23								-	-	-	-	1.71 ( 1.00- 2.93)	
28	SOBUE	2	f	s	a	-	2	-	-	-	-	1.13 ( 0.78- 1.63)	
29	WU-WIL	4	f	s	e	-	3	-	-	-	-	0.70 ( 0.60- 0.90)	
30	LIUZ	2	f	h	c	a	3	-	-	-	-	0.77 ( 0.30- 1.96)	
33	DU	1	f	s	e	-	0	47	154	28	100	1.09 ( 0.64- 1.85)	
34	LIUQ	2	f	s	e	-	3	-	-	-	-	1.72 ( 0.77- 3.87)	
40	SUN	2	f	s	m	-	2	-	-	-	-	1.16 ( 0.80- 1.69)	
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53 ( 1.26- 5.10)	
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11 ( 0.67- 1.84)	
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67 ( 0.22- 2.04)	
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52 ( 1.09- 5.85)	
Subtotal 44								-	-	-	-	1.56 ( 0.80- 3.06)	
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75 ( 0.31- 1.78)	
*50	JEE	4	f	s	e	-	5	-	-	-	-	1.72 ( 0.93- 3.18)	
51	RAPITI	2	f	s	e	-	3	-	-	-	-	1.20 ( 0.50- 2.90)	
53	ZHONG	2	f	s	e	-	7	-	-	-	-	1.10 ( 0.80- 1.50)	
54	LEECH	8	f	s	a	-	7	-	-	-	-	1.87 ( 1.29- 2.71)	
56	WANGL	34	m	h	a	a	5	-	-	-	-	0.56 ( 0.20- 1.40)	
56	WANGL	36	f	h	a	a	5	-	-	-	-	1.03 ( 0.60- 1.70)	
Subtotal 56								-	-	-	-	0.90 ( 0.57- 1.42)	
*59	NISHIN	2	f	s	c	-	7	-	-	-	-	1.80 ( 0.67- 4.60)	
60	OHNO	6	f	s	e	-	2	-	-	-	-	1.00 ( 0.67- 1.49)	
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29 ( 0.93- 1.80)	
66	MCGHEE	1	m	h	p	a	2	-	-	-	-	1.34 ( 0.82- 2.17)	
66	MCGHEE	2	f	h	p	a	2	-	-	-	-	1.38 ( 0.94- 2.04)	
Subtotal 66								-	-	-	-	1.36 ( 1.01- 1.85)	
Partial Totals								746	1361	461	1247		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table A 32  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Alternative Vineis results (from nested CC) - both sexes  
 By continent - adjusted

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	28	19	36		83
	NS	20	16	30		66
	Wt	450.67	287.86	593.55		1332.07
	Het Chi	25.35	23.55	71.19		122.27
	Het df	27	18	35		82
	Het P	N.S.	N.S.	***		**
Fixed	RR	1.10	1.21	1.20		1.17
	RRl	1.01	1.07	1.11		1.11
	RRu	1.21	1.35	1.30		1.23
	P	+	++	+++		+++
Random	RR	1.10	1.23	1.30		1.21
	RRl	1.01	1.05	1.14		1.12
	RRu	1.21	1.43	1.47		1.30
	P	+	++	+++		+++
Asymm	P	N.S.	N.S.	*		*
Between	Chi		1.37	1.80		2.17
Between	df		1	1		2
Between	P		N.S.	N.S.	N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table A 33  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Alternative Vineis results (from nested CC) - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	-	0	88	94880	65	81859	1.17	( 0.85- 1.61)
3	CORREA	1	m	s	e	-	0	2	26	6	154	1.97	( 0.38- 10.32)
3	CORREA	2	f	s	e	-	0	14	61	8	72	2.07	( 0.81- 5.25)
Subtotal		3										2.04	( 0.91- 4.61)
5	BUFFLE	1	m	h	e	a	0	5	56	6	34	0.51	( 0.14- 1.79)
5	BUFFLE	2	f	h	e	a	0	33	164	8	32	0.80	( 0.34- 1.90)
Subtotal		5										0.69	( 0.34- 1.41)
7	KABAT1	3	m	s	e	-	0	5	5	7	7	1.00	( 0.20- 5.07)
7	KABAT1	4	f	s	e	-	0	13	15	11	10	0.79	( 0.25- 2.45)
Subtotal		7										0.85	( 0.34- 2.16)
8	GARFI2	3	f	s	e	-	0	91	254	43	148	1.23	( 0.81- 1.87)
10	WU	2	f	s	m	-	0	19	33	9	22	1.41	( 0.54- 3.67)
13	BROWN1	1	f	t	e	-	0	4	7	15	40	1.52	( 0.39- 5.96)
15	HUMBL1	1	m	s	e	-	0	5	37	3	93	4.19	( 0.95- 18.42)
15	HUMBL1	3	f	s	e	-	0	15	91	5	71	2.34	( 0.81- 6.75)
Subtotal		15										2.85	( 1.20- 6.74)
*19	BUTLER	1	f	s	m	-	0	3	10579	5	43052	2.44	( 0.58- 10.22)
26	JANERI	4	c	s	e	-	3	-	-	-	-	0.75	( 0.48- 1.18)
31	BROWN2	3	f	s	a	-	0	218	598	213	568	0.97	( 0.78- 1.21)
32	STOCKW	2	f	s	e	-	0	44	55	18	36	1.60	( 0.80- 3.19)
35	FONTHA	5	f	s	a	-	0	433	766	218	487	1.26	( 1.04- 1.54)
36	LAYARD	1	m	s	e	-	0	6	215	15	783	1.46	( 0.56- 3.80)
36	LAYARD	3	f	s	e	-	0	15	961	24	969	0.63	( 0.33- 1.21)
Subtotal		36										0.82	( 0.48- 1.41)
38	KABAT2	3	m	s	a	-	0	11	19	28	79	1.63	( 0.69- 3.85)
38	KABAT2	5	f	s	a	-	0	41	102	26	71	1.10	( 0.62- 1.96)
Subtotal		38										1.24	( 0.77- 2.01)
39	SCHWAR	7	c	h	e	a	0	172	175	85	102	1.18	( 0.83- 1.68)
*43	CARDEN	11	m	s	m	-	0	18	19549	79	76993	0.90	( 0.54- 1.50)
*43	CARDEN	9	f	s	m	-	0	96	114286	54	77948	1.21	( 0.87- 1.69)
Subtotal		43										1.11	( 0.84- 1.47)
*52	SPEIZE	1	f	t	a	-	1	-	-	-	-	1.50	( 0.30- 6.30)
57	JOHNSO	7	f	h	e	a	0	54	543	17	218	1.28	( 0.72- 2.25)
*63	ENSTRO	3	m	s	e	-	1	-	-	-	-	0.75	( 0.42- 1.35)
*63	ENSTRO	9	f	s	e	-	1	-	-	-	-	0.99	( 0.72- 1.37)
Subtotal		63										0.93	( 0.70- 1.23)
Partial Totals								1405	243477	968	283848		
*prospective study													

Europe

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
4	TRICHO	1	f	s	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
12	LEE	3	m	s	m	-	0	8	14	7	16	1.31	( 0.38- 4.52)
12	LEE	5	f	s	m	-	0	22	45	10	21	1.03	( 0.41- 2.55)
Subtotal		12										1.12	( 0.54- 2.33)
18	PERSHA	1	f	s	m	-	0	37	153	33	141	1.03	( 0.61- 1.74)
*24	HOLE	1	m	h	e	b	0	2	243	1	428	3.52	( 0.32- 38.65)
*24	HOLE	2	f	h	e	b	0	5	1295	1	489	1.89	( 0.22- 16.12)
Subtotal		24										2.49	( 0.50- 12.31)
25	SVENSS	1	f	t	a	-	0	24	114	10	60	1.26	( 0.57- 2.81)
27	KALAND	2	f	s	m	-	0	64	70	26	46	1.62	( 0.90- 2.91)
37	DEWAAR	1	f	t	c	-	0	19	124	4	67	2.57	( 0.84- 7.85)
45	AUVINE	1	m	t	e	-	0	17	81	27	148	1.15	( 0.59- 2.24)
46	BOFFET	6	m	s	e	-	0	23	68	118	462	1.32	( 0.79- 2.21)
46	BOFFET	8	f	s	e	-	0	321	632	187	376	1.02	( 0.82- 1.27)
Subtotal		46										1.06	( 0.87- 1.30)
48	ZARIDZ	3	f	s	e	-	0	109	163	80	195	1.63	( 1.14- 2.33)
49	BOFFE2	11	c	s	a	-	0	33	75	37	103	1.22	( 0.70- 2.14)
55	MALATS	11	c	s	e	-	0	58	42	64	79	1.70	( 1.02- 2.86)
58	LAGARD	5	c	h	a	a	0	179	611	254	997	1.15	( 0.93- 1.43)

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)



Table A 33  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Alternative Vineis results (from nested CC) - both sexes  
 By continent - unadjusted

Europe

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
64	ZATLOU	3	f	t	a	-	0	7	155	77	734	0.43	( 0.19- 0.95)
65	IARCKR	3	m	s	a	-	0	-	-	-	-	0.40	( 0.10- 3.00)
65	IARCKR	1	f	s	a	-	0	-	-	-	-	0.90	( 0.60- 1.40)
Subtotal 65												0.86	( 0.57- 1.29)
*67	VINEIS	7	c	t	c	-	7	-	-	-	-	1.42	( 0.63- 3.20)
Partial Totals								981	4001	960	4471		

\*prospective study

Asia

StN	Ref	NRR	SEX	EXP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	-	0	34	66	50	73	0.75	( 0.43- 1.30)
*6	HIRAYA	1	m	s	e	-	0	7	1010	57	19279	2.34	( 1.07- 5.13)
*6	HIRAYA	7	f	s	e	-	0	163	69645	37	21895	1.38	( 0.97- 1.98)
Subtotal 6												1.52	( 1.10- 2.10)
9	LAMW	1	f	s	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
11	AKIBA	1	m	s	e	-	0	3	9	16	101	2.10	( 0.51- 8.61)
11	AKIBA	3	f	s	e	-	0	73	188	21	82	1.52	( 0.87- 2.63)
Subtotal 11												1.58	( 0.95- 2.64)
14	GAO	4	f	s	m	-	0	189	276	57	99	1.19	( 0.82- 1.73)
16	KOO	2	f	s	m	-	0	51	66	35	70	1.55	( 0.90- 2.67)
17	LAMT	1	f	s	m	-	0	115	152	84	183	1.65	( 1.16- 2.35)
20	GENG	1	f	s	e	-	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	1	f	s	e	-	0	18	30	4	17	2.55	( 0.74- 8.78)
22	SHIMIZ	2	f	s	m	-	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	1	m	s	e	-	0	2	6	11	90	2.73	( 0.49- 15.21)
23	CHOI	2	f	s	e	-	0	49	88	26	76	1.63	( 0.92- 2.87)
Subtotal 23												1.71	( 1.00- 2.93)
28	SOBUE	1	f	s	a	-	0	80	395	64	336	1.06	( 0.74- 1.52)
29	WU-WIL	3	f	s	e	-	0	205	331	212	271	0.79	( 0.62- 1.02)
30	LIUZ	1	f	h	c	a	0	45	176	9	26	0.74	( 0.32- 1.69)
33	DU	1	f	s	e	-	0	47	154	28	100	1.09	( 0.64- 1.85)
34	LIUQ	1	f	s	e	-	0	25	37	13	32	1.66	( 0.73- 3.78)
40	SUN	11	f	s	m	-	0	144	136	86	94	1.16	( 0.80- 1.68)
41	WANGS	1	f	t	e	-	0	67	60	15	34	2.53	( 1.26- 5.10)
42	WANGT	2	f	s	m	-	0	92	89	43	46	1.11	( 0.67- 1.84)
44	ZHENG	1	m	h	e	a	0	8	12	17	17	0.67	( 0.22- 2.04)
44	ZHENG	2	f	h	e	a	0	62	179	7	51	2.52	( 1.09- 5.85)
Subtotal 44												1.56	( 0.80- 3.06)
47	SHEN	1	f	t	y	-	0	56	59	14	11	0.75	( 0.31- 1.78)
*50	JEE	3	f	s	e	-	1	67	-	12	-	1.80	( 0.98- 3.30)
51	RAPITI	1	f	s	e	-	0	13	21	28	46	1.02	( 0.44- 2.35)
53	ZHONG	1	f	s	e	-	0	322	377	182	224	1.05	( 0.82- 1.34)
54	LEECH	7	f	s	a	-	0	186	253	82	192	1.72	( 1.25- 2.37)
56	WANGL	33	m	h	a	a	0	14	57	19	57	0.74	( 0.34- 1.61)
56	WANGL	35	f	h	a	a	0	169	337	31	70	1.13	( 0.71- 1.80)
Subtotal 56												1.01	( 0.68- 1.51)
*59	NISHIN	1	f	s	c	-	0	11	30566	13	43361	1.20	( 0.54- 2.68)
60	OHNO	5	f	s	e	-	0	139	239	52	90	1.01	( 0.67- 1.50)
62	SEOW	1	f	h	e	a	0	91	300	85	362	1.29	( 0.93- 1.80)
66	MCGHEE	5	m	h	p	a	0	33	71	112	347	1.44	( 0.90- 2.29)
66	MCGHEE	6	f	h	p	a	0	96	150	83	195	1.50	( 1.05- 2.16)
Subtotal 66												1.48	( 1.11- 1.97)
Partial Totals								2799	105731	1686	88131		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)
- 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table A 33  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Alternative Vineis results (from nested CC) - both sexes  
 By continent - unadjusted

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	28	20	36		84
NS	20	16	30		66
Wt	465.48	331.69	615.54		1412.71
Het Chi	26.14	24.94	55.13		109.14
Het df	27	19	35		83
Het P	N.S.	N.S.	*		*
Fixed RR	1.11	1.19	1.24		1.19
RRl	1.02	1.07	1.14		1.13
RRu	1.22	1.33	1.34		1.25
P	+	++	+++		+++
Random RR	1.11	1.22	1.28		1.21
RRl	1.02	1.06	1.15		1.13
RRu	1.22	1.41	1.42		1.29
P	+	++	+++		+++
Asymm P	N.S.	N.S.	(*)		*
Between Chi		0.89	2.93		2.94
Between df		1	1		2
Between P		N.S.	(+)	N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t)  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 3) HOU Household exposure (if applicable) = all household members (a), other attending screening (b)

Table 55  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Female  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	0	88	94880	65	81859	1.17	( 0.85- 1.61)
2	CHAN	1	f	s	e	0	34	66	50	73	0.75	( 0.43- 1.30)
3	CORREA	2	f	s	e	0	14	61	8	72	2.07	( 0.81- 5.25)
4	TRICHO	1	f	s	y	0	53	116	24	109	2.08	( 1.20- 3.59)
*6	HIRAYA	8	f	s	e	1	-	-	-	-	1.45	( 1.02- 2.08)
7	KABAT1	4	f	s	e	0	13	15	11	10	0.79	( 0.25- 2.45)
8	GARFI2	3	f	s	e	0	91	254	43	148	1.23	( 0.81- 1.87)
9	LAMW	1	f	s	e	0	37	64	23	80	2.01	( 1.09- 3.72)
10	WU	3	f	s	m	1	-	-	-	-	1.20	( 0.50- 3.30)
11	AKIBA	4	f	s	e	5	-	-	-	-	1.50	( 0.93- 2.76)
12	LEE	6	f	s	m	1	-	-	-	-	1.00	( 0.37- 2.71)
14	GAO	8	f	s	m	2	-	-	-	-	1.30	( 0.89- 1.91)
15	HUMBL1	4	f	s	e	2	-	-	-	-	2.20	( 0.76- 6.56)
16	KOO	3	f	s	m	4	-	-	-	-	1.64	( 0.87- 3.09)
17	LAMT	1	f	s	m	0	115	152	84	183	1.65	( 1.16- 2.35)
18	PERSHA	2	f	s	m	2	-	-	-	-	1.20	( 0.70- 2.10)
*19	BUTLER	2	f	s	m	1	-	-	-	-	2.02	( 0.48- 8.56)
20	GENG	1	f	s	e	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	2	f	s	e	1	-	-	-	-	2.25	( 0.77- 8.85)
22	SHIMIZ	2	f	s	m	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	2	f	s	e	0	49	88	26	76	1.63	( 0.92- 2.87)
26	JANERI	3	f	s	e	3	-	-	-	-	0.75	( 0.47- 1.20)
27	KALAND	3	f	s	m	4	-	-	-	-	2.11	( 1.09- 4.08)
28	SOBUE	2	f	s	a	2	-	-	-	-	1.13	( 0.78- 1.63)
29	WU-WIL	4	f	s	e	3	-	-	-	-	0.70	( 0.60- 0.90)
31	BROWN2	4	f	s	a	2	-	-	-	-	1.00	( 0.80- 1.20)
32	STOCKW	3	f	s	e	3	-	-	-	-	1.60	( 0.80- 3.00)
33	DU	1	f	s	e	0	47	154	28	100	1.09	( 0.64- 1.85)
34	LIUQ	2	f	s	e	3	-	-	-	-	1.72	( 0.77- 3.87)
35	FONTHA	6	f	s	a	8	-	-	-	-	1.29	( 1.04- 1.60)
36	LAYARD	4	f	s	e	2	-	-	-	-	0.58	( 0.30- 1.13)
38	KABAT2	6	f	s	a	3	-	-	-	-	1.08	( 0.60- 1.94)
40	SUN	2	f	s	m	2	-	-	-	-	1.16	( 0.80- 1.69)
42	WANGT	2	f	s	m	0	92	89	43	46	1.11	( 0.67- 1.84)
*43	CARDEN	10	f	s	m	8	-	-	-	-	1.20	( 0.80- 1.60)
46	BOFFET	9	f	s	e	2	-	-	-	-	1.11	( 0.88- 1.39)
48	ZARIDZ	4	f	s	e	2	-	-	-	-	1.53	( 1.06- 2.21)
49	BOFFE2	14	f	s	a	2	-	-	-	-	1.00	( 0.50- 1.90)
*50	JEE	4	f	s	e	5	-	-	-	-	1.72	( 0.93- 3.18)
51	RAPITI	2	f	s	e	3	-	-	-	-	1.20	( 0.50- 2.90)
53	ZHONG	2	f	s	e	7	-	-	-	-	1.10	( 0.80- 1.50)
54	LEECH	8	f	s	a	7	-	-	-	-	1.87	( 1.29- 2.71)
55	MALATS	9	f	s	e	2	-	-	-	-	1.50	( 0.77- 2.91)
*59	NISHIN	2	f	s	c	7	-	-	-	-	1.80	( 0.67- 4.60)
60	OHNO	6	f	s	e	2	-	-	-	-	1.00	( 0.67- 1.49)
*63	ENSTRO	12	f	s	e	8	-	-	-	-	0.94	( 0.66- 1.33)
65	IARCKR	2	f	s	a	2	-	-	-	-	0.80	( 0.50- 1.30)
Partial Totals							719	96071	463	82880		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 Values are also shown for: EXP Exposure = spouse (s)

Table 55  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Female  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Ys	Ws	Qs	Ps
*1	GARFI1	1	f	s	c	0	0.16	37.42	0.00	0.3420
2	CHAN	1	f	s	e	0	-0.28	12.78	2.39	0.3086
3	CORREA	2	f	s	e	0	0.73	4.41	1.47	0.1276
4	TRICHO	1	f	s	y	0	0.73	12.77	4.32	0.0091
*6	HIRAYA	8	f	s	e	1	0.37	30.26	1.51	0.0410
7	KABAT1	4	f	s	e	0	-0.24	2.99	0.45	0.6802
8	GARFI2	3	f	s	e	0	0.21	22.25	0.08	0.3229
9	LAMW	1	f	s	e	0	0.70	10.14	3.07	0.0261
10	WU	3	f	s	m	1	0.18	4.31	0.01	0.7049
11	AKIBA	4	f	s	e	5	0.41	12.99	0.86	0.1440
12	LEE	6	f	s	m	1	0.00	3.88	0.08	1.0000
14	GAO	8	f	s	m	2	0.27	26.20	0.36	0.1741
15	HUMBL1	4	f	s	e	2	0.79	3.31	1.36	0.1516
16	KOO	3	f	s	m	4	0.49	9.57	1.15	0.1260
17	LAMT	1	f	s	m	0	0.50	30.63	3.79	0.0057
18	PERSHA	2	f	s	m	2	0.18	12.73	0.02	0.5153
*19	BUTLER	2	f	s	m	1	0.70	1.85	0.57	0.3388
20	GENG	1	f	s	e	0	0.77	8.13	3.13	0.0285
21	INOUE	2	f	s	e	1	0.81	2.58	1.13	0.1930
22	SHIMIZ	2	f	s	m	0	0.08	14.20	0.07	0.7646
23	CHOI	2	f	s	e	0	0.49	11.99	1.38	0.0916
26	JANERI	3	f	s	e	3	-0.29	17.49	3.32	0.2289
27	KALAND	3	f	s	m	4	0.75	8.82	3.16	0.0266
28	SOBUE	2	f	s	a	2	0.12	28.29	0.02	0.5157
29	WU-WIL	4	f	s	e	3	-0.36	93.46	23.80	0.0006
31	BROWN2	4	f	s	a	2	0.00	93.46	2.05	1.0000
32	STOCKW	3	f	s	e	3	0.47	8.80	0.91	0.1634
33	DU	1	f	s	e	0	0.09	13.61	0.05	0.7506
34	LIUQ	2	f	s	e	3	0.54	5.89	0.92	0.1880
35	FONTHA	6	f	s	a	8	0.25	82.80	0.94	0.0205
36	LAYARD	4	f	s	e	2	-0.54	8.74	4.19	0.1074
38	KABAT2	6	f	s	a	3	0.08	11.16	0.06	0.7971
40	SUN	2	f	s	m	2	0.15	27.47	0.00	0.4366
42	WANGT	2	f	s	m	0	0.10	14.90	0.03	0.6978
*43	CARDEN	10	f	s	m	8	0.18	31.98	0.04	0.3025
46	BOFFET	9	f	s	e	2	0.10	73.53	0.14	0.3709
48	ZARIDZ	4	f	s	e	2	0.43	28.46	2.19	0.0233
49	BOFFE2	14	f	s	a	2	0.00	8.62	0.19	1.0000
*50	JEE	4	f	s	e	5	0.54	10.17	1.58	0.0838
51	RAPITI	2	f	s	e	3	0.18	4.97	0.01	0.6843
53	ZHONG	2	f	s	e	7	0.10	38.89	0.11	0.5523
54	LEECH	8	f	s	a	7	0.63	27.89	6.37	0.0009
55	MALATS	9	f	s	e	2	0.41	8.69	0.58	0.2319
*59	NISHIN	2	f	s	c	7	0.59	4.14	0.80	0.2317
60	OHNO	6	f	s	e	2	0.00	24.05	0.53	1.0000
*63	ENSTRO	12	f	s	e	8	-0.06	31.30	1.38	0.7292
65	IARCKR	2	f	s	a	2	-0.22	16.83	2.32	0.3600

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 Values are also shown for: EXP Exposure = spouse (s)

Table 55  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Female  
 Overall analysis - adjusted

Relative risks

	N	47
	NS	47
	Wt	999.80
Het	Chi	82.88
Het	df	46
Het	P	***
Fixed	RR	1.16
	RRl	1.09
	RRu	1.23
	P	+++
Random	RR	1.22
	RRl	1.11
	RRu	1.34
	P	+++
Asymm	P	**

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 Values are also shown for: EXP Exposure = spouse (s)

Table 56  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Female  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	0	88	94880	65	81859	1.17	( 0.85- 1.61)
2	CHAN	1	f	s	e	0	34	66	50	73	0.75	( 0.43- 1.30)
3	CORREA	2	f	s	e	0	14	61	8	72	2.07	( 0.81- 5.25)
4	TRICHO	1	f	s	y	0	53	116	24	109	2.08	( 1.20- 3.59)
*6	HIRAYA	7	f	s	e	0	163	69645	37	21895	1.38	( 0.97- 1.98)
7	KABAT1	4	f	s	e	0	13	15	11	10	0.79	( 0.25- 2.45)
8	GARFI2	3	f	s	e	0	91	254	43	148	1.23	( 0.81- 1.87)
9	LAMW	1	f	s	e	0	37	64	23	80	2.01	( 1.09- 3.72)
10	WU	2	f	s	m	0	19	33	9	22	1.41	( 0.54- 3.67)
11	AKIBA	3	f	s	e	0	73	188	21	82	1.52	( 0.87- 2.63)
12	LEE	5	f	s	m	0	22	45	10	21	1.03	( 0.41- 2.55)
14	GAO	4	f	s	m	0	189	276	57	99	1.19	( 0.82- 1.73)
15	HUMBL1	3	f	s	e	0	15	91	5	71	2.34	( 0.81- 6.75)
16	KOO	2	f	s	m	0	51	66	35	70	1.55	( 0.90- 2.67)
17	LAMT	1	f	s	m	0	115	152	84	183	1.65	( 1.16- 2.35)
18	PERSHA	1	f	s	m	0	37	153	33	141	1.03	( 0.61- 1.74)
*19	BUTLER	1	f	s	m	0	3	10579	5	43052	2.44	( 0.58- 10.22)
20	GENG	1	f	s	e	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	1	f	s	e	0	18	30	4	17	2.55	( 0.74- 8.78)
22	SHIMIZ	2	f	s	m	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	2	f	s	e	0	49	88	26	76	1.63	( 0.92- 2.87)
26	JANERI	3	f	s	e	3	-	-	-	-	0.75	( 0.47- 1.20)
27	KALAND	2	f	s	m	0	64	70	26	46	1.62	( 0.90- 2.91)
28	SOBUE	1	f	s	a	0	80	395	64	336	1.06	( 0.74- 1.52)
29	WU-WIL	3	f	s	e	0	205	331	212	271	0.79	( 0.62- 1.02)
31	BROWN2	3	f	s	a	0	218	598	213	568	0.97	( 0.78- 1.21)
32	STOCKW	2	f	s	e	0	44	55	18	36	1.60	( 0.80- 3.19)
33	DU	1	f	s	e	0	47	154	28	100	1.09	( 0.64- 1.85)
34	LIUQ	1	f	s	e	0	25	37	13	32	1.66	( 0.73- 3.78)
35	FONTHA	5	f	s	a	0	433	766	218	487	1.26	( 1.04- 1.54)
36	LAYARD	3	f	s	e	0	15	961	24	969	0.63	( 0.33- 1.21)
38	KABAT2	5	f	s	a	0	41	102	26	71	1.10	( 0.62- 1.96)
40	SUN	11	f	s	m	0	144	136	86	94	1.16	( 0.80- 1.68)
42	WANGT	2	f	s	m	0	92	89	43	46	1.11	( 0.67- 1.84)
*43	CARDEN	9	f	s	m	0	96	114286	54	77948	1.21	( 0.87- 1.69)
46	BOFFET	8	f	s	e	0	321	632	187	376	1.02	( 0.82- 1.27)
48	ZARIDZ	3	f	s	e	0	109	163	80	195	1.63	( 1.14- 2.33)
49	BOFFE2	13	f	s	a	0	33	69	33	68	0.99	( 0.55- 1.77)
*50	JEE	3	f	s	e	1	67	-	12	-	1.80	( 0.98- 3.30)
51	RAPITI	1	f	s	e	0	13	21	28	46	1.02	( 0.44- 2.35)
53	ZHONG	1	f	s	e	0	322	377	182	224	1.05	( 0.82- 1.34)
54	LEECH	7	f	s	a	0	186	253	82	192	1.72	( 1.25- 2.37)
55	MALATS	2	f	s	e	0	-	-	-	-	1.70	( 0.95- 3.05)
*59	NISHIN	1	f	s	c	0	11	30566	13	43361	1.20	( 0.54- 2.68)
60	OHNO	5	f	s	e	0	139	239	52	90	1.01	( 0.67- 1.50)
*63	ENSTRO	9	f	s	e	1	-	-	-	-	0.99	( 0.72- 1.37)
65	IARCKR	1	f	s	a	0	-	-	-	-	0.90	( 0.60- 1.40)
Partial Totals							3875	327234	2302	273760		
*prospective study												

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 Values are also shown for: EXP Exposure = spouse (s)

Table 56  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Female  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Ys	Ws	Qs	Ps
*1	GARFI1	1	f	s	c	0	0.16	37.42	0.00	0.3420
2	CHAN	1	f	s	e	0	-0.28	12.78	2.51	0.3086
3	CORREA	2	f	s	e	0	0.73	4.41	1.42	0.1276
4	TRICHO	1	f	s	y	0	0.73	12.77	4.17	0.0091
*6	HIRAYA	7	f	s	e	0	0.33	30.21	0.85	0.0734
7	KABAT1	4	f	s	e	0	-0.24	2.99	0.47	0.6802
8	GARFI2	3	f	s	e	0	0.21	22.25	0.06	0.3229
9	LAMW	1	f	s	e	0	0.70	10.14	2.96	0.0261
10	WU	2	f	s	m	0	0.34	4.18	0.14	0.4850
11	AKIBA	3	f	s	e	0	0.42	12.69	0.84	0.1382
12	LEE	5	f	s	m	0	0.03	4.64	0.08	0.9548
14	GAO	4	f	s	m	0	0.17	27.35	0.01	0.3644
15	HUMBL1	3	f	s	e	0	0.85	3.43	1.64	0.1154
16	KOO	2	f	s	m	0	0.44	12.88	0.99	0.1182
17	LAMT	1	f	s	m	0	0.50	30.63	3.57	0.0057
18	PERSHA	1	f	s	m	0	0.03	14.09	0.22	0.9022
*19	BUTLER	1	f	s	m	0	0.89	1.88	1.01	0.2215
20	GENG	1	f	s	e	0	0.77	8.13	3.02	0.0285
21	INOUE	1	f	s	e	0	0.94	2.51	1.52	0.1377
22	SHIMIZ	2	f	s	m	0	0.08	14.20	0.09	0.7646
23	CHOI	2	f	s	e	0	0.49	11.99	1.30	0.0916
26	JANERI	3	f	s	e	3	-0.29	17.49	3.48	0.2289
27	KALAND	2	f	s	m	0	0.48	11.10	1.15	0.1091
28	SOBUE	1	f	s	a	0	0.06	29.73	0.28	0.7379
29	WU-WIL	3	f	s	e	0	-0.23	61.33	9.42	0.0674
31	BROWN2	3	f	s	a	0	-0.03	78.65	2.74	0.8021
32	STOCKW	2	f	s	e	0	0.47	8.05	0.78	0.1824
33	DU	1	f	s	e	0	0.09	13.61	0.07	0.7506
34	LIUQ	1	f	s	e	0	0.51	5.71	0.70	0.2242
35	FONTHA	5	f	s	a	0	0.23	97.51	0.55	0.0212
36	LAYARD	3	f	s	e	0	-0.46	9.06	3.48	0.1647
38	KABAT2	5	f	s	a	0	0.09	11.53	0.05	0.7517
40	SUN	11	f	s	m	0	0.15	27.35	0.00	0.4448
42	WANGT	2	f	s	m	0	0.10	14.90	0.05	0.6978
*43	CARDEN	9	f	s	m	0	0.19	34.59	0.04	0.2571
46	BOFFET	8	f	s	e	0	0.02	78.71	1.48	0.8520
48	ZARIDZ	3	f	s	e	0	0.49	30.36	3.31	0.0071
49	BOFFE2	13	f	s	a	0	-0.01	11.14	0.33	0.9611
*50	JEE	3	f	s	e	1	0.59	10.42	1.92	0.0577
51	RAPITI	1	f	s	e	0	0.02	5.49	0.11	0.9685
53	ZHONG	1	f	s	e	0	0.05	63.63	0.75	0.6903
54	LEECH	7	f	s	a	0	0.54	37.41	5.54	0.0009
55	MALATS	2	f	s	e	0	0.53	11.29	1.56	0.0745
*59	NISHIN	1	f	s	c	0	0.18	5.96	0.00	0.6557
60	OHNO	5	f	s	e	0	0.01	23.97	0.55	0.9743
*63	ENSTRO	9	f	s	e	1	-0.01	37.13	1.05	0.9512
65	IARCKR	1	f	s	a	0	-0.11	21.40	1.49	0.6259

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 Values are also shown for: EXP Exposure = spouse (s)

Table 56  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Female  
 Overall analysis- unadjusted

Relative risks

	N	47
	NS	47
	Wt	1039.07
Het	Chi	67.78
Het	df	46
Het	P	*
Fixed	RR	1.17
	RRl	1.10
	RRu	1.25
	P	+++
Random	RR	1.20
	RRl	1.11
	RRu	1.30
	P	+++
Asymm	P	*

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 Values are also shown for: EXP Exposure = spouse (s)



Table 57  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Female  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	0	88	94880	65	81859	1.17	( 0.85- 1.61)
3	CORREA	2	f	s	e	0	14	61	8	72	2.07	( 0.81- 5.25)
7	KABAT1	4	f	s	e	0	13	15	11	10	0.79	( 0.25- 2.45)
8	GARFI2	3	f	s	e	0	91	254	43	148	1.23	( 0.81- 1.87)
10	WU	3	f	s	m	1	-	-	-	-	1.20	( 0.50- 3.30)
15	HUMBL1	4	f	s	e	2	-	-	-	-	2.20	( 0.76- 6.56)
*19	BUTLER	2	f	s	m	1	-	-	-	-	2.02	( 0.48- 8.56)
26	JANERI	3	f	s	e	3	-	-	-	-	0.75	( 0.47- 1.20)
31	BROWN2	4	f	s	a	2	-	-	-	-	1.00	( 0.80- 1.20)
32	STOCKW	3	f	s	e	3	-	-	-	-	1.60	( 0.80- 3.00)
35	FONTHA	6	f	s	a	8	-	-	-	-	1.29	( 1.04- 1.60)
36	LAYARD	4	f	s	e	2	-	-	-	-	0.58	( 0.30- 1.13)
38	KABAT2	6	f	s	a	3	-	-	-	-	1.08	( 0.60- 1.94)
*43	CARDEN	10	f	s	m	8	-	-	-	-	1.20	( 0.80- 1.60)
*63	ENSTRO	12	f	s	e	8	-	-	-	-	0.94	( 0.66- 1.33)
Partial Totals							206	95210	127	82089		

\*prospective study

Europe

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
4	TRICHO	1	f	s	y	0	53	116	24	109	2.08	( 1.20- 3.59)
12	LEE	6	f	s	m	1	-	-	-	-	1.00	( 0.37- 2.71)
18	PERSHA	2	f	s	m	2	-	-	-	-	1.20	( 0.70- 2.10)
27	KALAND	3	f	s	m	4	-	-	-	-	2.11	( 1.09- 4.08)
46	BOFFET	9	f	s	e	2	-	-	-	-	1.11	( 0.88- 1.39)
48	ZARIDZ	4	f	s	e	2	-	-	-	-	1.53	( 1.06- 2.21)
49	BOFFE2	14	f	s	a	2	-	-	-	-	1.00	( 0.50- 1.90)
55	MALATS	9	f	s	e	2	-	-	-	-	1.50	( 0.77- 2.91)
65	IARCKR	2	f	s	a	2	-	-	-	-	0.80	( 0.50- 1.30)
Partial Totals							53	116	24	109		

\*prospective study

Asia

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	0	34	66	50	73	0.75	( 0.43- 1.30)
*6	HIRAYA	8	f	s	e	1	-	-	-	-	1.45	( 1.02- 2.08)
9	LAMW	1	f	s	e	0	37	64	23	80	2.01	( 1.09- 3.72)
11	AKIBA	4	f	s	e	5	-	-	-	-	1.50	( 0.93- 2.76)
14	GAO	8	f	s	m	2	-	-	-	-	1.30	( 0.89- 1.91)
16	KOO	3	f	s	m	4	-	-	-	-	1.64	( 0.87- 3.09)
17	LAMT	1	f	s	m	0	115	152	84	183	1.65	( 1.16- 2.35)
20	GENG	1	f	s	e	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	2	f	s	e	1	-	-	-	-	2.25	( 0.77- 8.85)
22	SHIMIZ	2	f	s	m	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	2	f	s	e	0	49	88	26	76	1.63	( 0.92- 2.87)
28	SOBUE	2	f	s	a	2	-	-	-	-	1.13	( 0.78- 1.63)
29	WU-WIL	4	f	s	e	3	-	-	-	-	0.70	( 0.60- 0.90)
33	DU	1	f	s	e	0	47	154	28	100	1.09	( 0.64- 1.85)
34	LIUQ	2	f	s	e	3	-	-	-	-	1.72	( 0.77- 3.87)
40	SUN	2	f	s	m	2	-	-	-	-	1.16	( 0.80- 1.69)
42	WANGT	2	f	s	m	0	92	89	43	46	1.11	( 0.67- 1.84)
*50	JEE	4	f	s	e	5	-	-	-	-	1.72	( 0.93- 3.18)
51	RAPITI	2	f	s	e	3	-	-	-	-	1.20	( 0.50- 2.90)
53	ZHONG	2	f	s	e	7	-	-	-	-	1.10	( 0.80- 1.50)
54	LEECH	8	f	s	a	7	-	-	-	-	1.87	( 1.29- 2.71)
*59	NISHIN	2	f	s	c	7	-	-	-	-	1.80	( 0.67- 4.60)
60	OHNO	6	f	s	e	2	-	-	-	-	1.00	( 0.67- 1.49)
Partial Totals							460	745	312	682		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 Values are also shown for: EXP Exposure = spouse (s)

Table 57  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Female  
 By continent - adjusted

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	15	9	23		47
	NS	15	9	23		47
	Wt	362.27	174.33	463.20		999.80
	Het Chi	16.13	12.17	53.03		82.88
	Het df	14	8	22		46
	Het P	N.S.	N.S.	***		***
Fixed	RR	1.11	1.24	1.17		1.16
	RRl	1.00	1.07	1.07		1.09
	RRu	1.23	1.44	1.28		1.23
	P	+	++	+++		+++
Random	RR	1.11	1.28	1.29		1.22
	RRl	0.98	1.04	1.11		1.11
	RRu	1.25	1.58	1.51		1.34
	P	(+)	+	++		+++
Asymm	P	N.S.	N.S.	**		**
Between	Chi		1.48	0.54		1.54
Between	df		1	1		2
Between	P		N.S.	N.S.	N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 Values are also shown for: EXP Exposure = spouse (s)

Table 58  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Female  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	0	88	94880	65	81859	1.17	( 0.85- 1.61)
3	CORREA	2	f	s	e	0	14	61	8	72	2.07	( 0.81- 5.25)
7	KABAT1	4	f	s	e	0	13	15	11	10	0.79	( 0.25- 2.45)
8	GARFI2	3	f	s	e	0	91	254	43	148	1.23	( 0.81- 1.87)
10	WU	2	f	s	m	0	19	33	9	22	1.41	( 0.54- 3.67)
15	HUMBL1	3	f	s	e	0	15	91	5	71	2.34	( 0.81- 6.75)
*19	BUTLER	1	f	s	m	0	3	10579	5	43052	2.44	( 0.58- 10.22)
26	JANERI	3	f	s	e	3	-	-	-	-	0.75	( 0.47- 1.20)
31	BROWN2	3	f	s	a	0	218	598	213	568	0.97	( 0.78- 1.21)
32	STOCKW	2	f	s	e	0	44	55	18	36	1.60	( 0.80- 3.19)
35	FONTHA	5	f	s	a	0	433	766	218	487	1.26	( 1.04- 1.54)
36	LAYARD	3	f	s	e	0	15	961	24	969	0.63	( 0.33- 1.21)
38	KABAT2	5	f	s	a	0	41	102	26	71	1.10	( 0.62- 1.96)
*43	CARDEN	9	f	s	m	0	96	114286	54	77948	1.21	( 0.87- 1.69)
*63	ENSTRO	9	f	s	e	1	-	-	-	-	0.99	( 0.72- 1.37)
Partial Totals							1090	222681	699	205313		

\*prospective study

Europe

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
4	TRICHO	1	f	s	y	0	53	116	24	109	2.08	( 1.20- 3.59)
12	LEE	5	f	s	m	0	22	45	10	21	1.03	( 0.41- 2.55)
18	PERSHA	1	f	s	m	0	37	153	33	141	1.03	( 0.61- 1.74)
27	KALAND	2	f	s	m	0	64	70	26	46	1.62	( 0.90- 2.91)
46	BOFFET	8	f	s	e	0	321	632	187	376	1.02	( 0.82- 1.27)
48	ZARIDZ	3	f	s	e	0	109	163	80	195	1.63	( 1.14- 2.33)
49	BOFFE2	13	f	s	a	0	33	69	33	68	0.99	( 0.55- 1.77)
55	MALATS	2	f	s	e	0	-	-	-	-	1.70	( 0.95- 3.05)
65	IARCKR	1	f	s	a	0	-	-	-	-	0.90	( 0.60- 1.40)
Partial Totals							639	1248	393	956		

\*prospective study

Asia

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	0	34	66	50	73	0.75	( 0.43- 1.30)
*6	HIRAYA	7	f	s	e	0	163	69645	37	21895	1.38	( 0.97- 1.98)
9	LAMW	1	f	s	e	0	37	64	23	80	2.01	( 1.09- 3.72)
11	AKIBA	3	f	s	e	0	73	188	21	82	1.52	( 0.87- 2.63)
14	GAO	4	f	s	m	0	189	276	57	99	1.19	( 0.82- 1.73)
16	KOO	2	f	s	m	0	51	66	35	70	1.55	( 0.90- 2.67)
17	LAMT	1	f	s	m	0	115	152	84	183	1.65	( 1.16- 2.35)
20	GENG	1	f	s	e	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	1	f	s	e	0	18	30	4	17	2.55	( 0.74- 8.78)
22	SHIMIZ	2	f	s	m	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	2	f	s	e	0	49	88	26	76	1.63	( 0.92- 2.87)
28	SOBUE	1	f	s	a	0	80	395	64	336	1.06	( 0.74- 1.52)
29	WU-WIL	3	f	s	e	0	205	331	212	271	0.79	( 0.62- 1.02)
33	DU	1	f	s	e	0	47	154	28	100	1.09	( 0.64- 1.85)
34	LIUQ	1	f	s	e	0	25	37	13	32	1.66	( 0.73- 3.78)
40	SUN	11	f	s	m	0	144	136	86	94	1.16	( 0.80- 1.68)
42	WANGT	2	f	s	m	0	92	89	43	46	1.11	( 0.67- 1.84)
*50	JEE	3	f	s	e	1	67	-	12	-	1.80	( 0.98- 3.30)
51	RAPITI	1	f	s	e	0	13	21	28	46	1.02	( 0.44- 2.35)
53	ZHONG	1	f	s	e	0	322	377	182	224	1.05	( 0.82- 1.34)
54	LEECH	7	f	s	a	0	186	253	82	192	1.72	( 1.25- 2.37)
*59	NISHIN	1	f	s	c	0	11	30566	13	43361	1.20	( 0.54- 2.68)
60	OHNO	5	f	s	e	0	139	239	52	90	1.01	( 0.67- 1.50)
Partial Totals							2146	103305	1210	67491		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 Values are also shown for: EXP Exposure = spouse (s)

Table 58  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Female  
 By continent - unadjusted

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	15	9	23		47
	NS	15	9	23		47
	Wt	370.54	195.51	473.02		1039.07
	Het Chi	16.11	13.71	36.70		67.78
	Het df	14	8	22		46
	Het P	N.S.	(*)	*		*
Fixed	RR	1.12	1.20	1.20		1.17
	RRl	1.01	1.04	1.10		1.10
	RRu	1.24	1.38	1.32		1.25
	P	+	+	+++		+++
Random	RR	1.12	1.25	1.25		1.20
	RRl	0.99	1.02	1.11		1.11
	RRu	1.26	1.54	1.42		1.30
	P	(+)	+	+++		+++
Asymm	P	N.S.	N.S.	*		*
Between	Chi		0.60	1.13		1.25
Between	df		1	1		2
Between	P		N.S.	N.S.	N.S.	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 Values are also shown for: EXP Exposure = spouse (s)

Table 59  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Male  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
3	CORREA	1	m	s	e	0	2	26	6	154	1.97	( 0.38- 10.32)
*6	HIRAYA	2	m	s	e	1	-	-	-	-	2.25	( 1.05- 4.76)
7	KABAT1	3	m	s	e	0	5	5	7	7	1.00	( 0.20- 5.07)
11	AKIBA	2	m	s	e	5	-	-	-	-	1.80	( 0.39- 6.96)
12	LEE	4	m	s	m	1	-	-	-	-	1.30	( 0.38- 4.39)
15	HUMBL1	2	m	s	e	2	-	-	-	-	4.08	( 0.70- 23.91)
23	CHOI	1	m	s	e	0	2	6	11	90	2.73	( 0.49- 15.21)
26	JANERI	2	m	s	e	3	-	-	-	-	0.75	( 0.31- 1.78)
36	LAYARD	2	m	s	e	2	-	-	-	-	1.47	( 0.55- 3.94)
38	KABAT2	4	m	s	a	3	-	-	-	-	1.60	( 0.67- 3.82)
*43	CARDEN	12	m	s	m	8	-	-	-	-	1.10	( 0.60- 1.80)
46	BOFFET	7	m	s	e	2	-	-	-	-	1.47	( 0.81- 2.66)
55	MALATS	8	m	s	e	2	-	-	-	-	1.50	( 0.41- 5.43)
*63	ENSTRO	6	m	s	e	8	-	-	-	-	0.63	( 0.33- 1.22)
65	IARCKR	3	m	s	a	0	-	-	-	-	0.40	( 0.10- 3.00)
Partial Totals							9	37	24	251		

\*prospective study

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Ys	Ws	Qs	Ps
3	CORREA	1	m	s	e	0	0.68	1.41	0.30	0.4200
*6	HIRAYA	2	m	s	e	1	0.81	6.73	2.36	0.0355
7	KABAT1	3	m	s	e	0	0.00	1.46	0.07	1.0000
11	AKIBA	2	m	s	e	5	0.59	1.85	0.25	0.4240
12	LEE	4	m	s	m	1	0.26	2.57	0.00	0.6743
15	HUMBL1	2	m	s	e	2	1.41	1.23	1.74	0.1185
23	CHOI	1	m	s	e	0	1.00	1.30	0.80	0.2525
26	JANERI	2	m	s	e	3	-0.29	5.03	1.29	0.5188
36	LAYARD	2	m	s	e	2	0.39	3.96	0.11	0.4431
38	KABAT2	4	m	s	a	3	0.47	5.07	0.32	0.2899
*43	CARDEN	12	m	s	m	8	0.10	12.73	0.19	0.7338
46	BOFFET	7	m	s	e	2	0.39	10.87	0.30	0.2041
55	MALATS	8	m	s	e	2	0.41	2.30	0.08	0.5384
*63	ENSTRO	6	m	s	e	8	-0.46	8.99	4.17	0.1660
65	IARCKR	3	m	s	a	0	-0.92	1.33	1.71	0.2910

Relative risks

N	15
NS	15
Wt	66.82
Het Chi	13.70
Het df	14
Het P	N.S.
Fixed RR	1.24
RR1	0.98
RRu	1.58
P	(+)
Random RR	1.24
RR1	0.98
RRu	1.58
P	(+)
Asymm P	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = during marriage (m), as an adult (a), ever (e)  
 Values are also shown for: EXP Exposure = spouse (s)

Table 60  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Male  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
3	CORREA	1	m	s	e	0	2	26	6	154	1.97	( 0.38- 10.32)
*6	HIRAYA	1	m	s	e	0	7	1010	57	19279	2.34	( 1.07- 5.13)
7	KABAT1	3	m	s	e	0	5	5	7	7	1.00	( 0.20- 5.07)
11	AKIBA	1	m	s	e	0	3	9	16	101	2.10	( 0.51- 8.61)
12	LEE	3	m	s	m	0	8	14	7	16	1.31	( 0.38- 4.52)
15	HUMBL1	1	m	s	e	0	5	37	3	93	4.19	( 0.95- 18.42)
23	CHOI	1	m	s	e	0	2	6	11	90	2.73	( 0.49- 15.21)
26	JANERI	2	m	s	e	3	-	-	-	-	0.75	( 0.31- 1.78)
36	LAYARD	1	m	s	e	0	6	215	15	783	1.46	( 0.56- 3.80)
38	KABAT2	3	m	s	a	0	11	19	28	79	1.63	( 0.69- 3.85)
*43	CARDEN	11	m	s	m	0	18	19549	79	76993	0.90	( 0.54- 1.50)
46	BOFFET	6	m	s	e	0	23	68	118	462	1.32	( 0.79- 2.21)
55	MALATS	1	m	s	e	0	-	-	-	-	1.70	( 0.55- 5.26)
*63	ENSTRO	3	m	s	e	1	-	-	-	-	0.75	( 0.42- 1.35)
65	IARCKR	3	m	s	a	0	-	-	-	-	0.40	( 0.10- 3.00)
Partial Totals							90	20958	347	98057		

\*prospective study

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Ys	Ws	Qs	Ps
3	CORREA	1	m	s	e	0	0.68	1.41	0.34	0.4200
*6	HIRAYA	1	m	s	e	0	0.85	6.28	2.74	0.0328
7	KABAT1	3	m	s	e	0	0.00	1.46	0.05	1.0000
11	AKIBA	1	m	s	e	0	0.74	1.93	0.59	0.3008
12	LEE	3	m	s	m	0	0.27	2.49	0.01	0.6735
15	HUMBL1	1	m	s	e	0	1.43	1.75	2.70	0.0580
23	CHOI	1	m	s	e	0	1.00	1.30	0.86	0.2525
26	JANERI	2	m	s	e	3	-0.29	5.03	1.16	0.5188
36	LAYARD	1	m	s	e	0	0.38	4.18	0.14	0.4418
38	KABAT2	3	m	s	a	0	0.49	5.21	0.47	0.2627
*43	CARDEN	11	m	s	m	0	-0.11	14.67	1.32	0.6783
46	BOFFET	6	m	s	e	0	0.28	14.53	0.12	0.2843
55	MALATS	1	m	s	e	0	0.53	3.01	0.35	0.3569
*63	ENSTRO	3	m	s	e	1	-0.29	11.27	2.59	0.3341
65	IARCKR	3	m	s	a	0	-0.92	1.33	1.63	0.2910

Relative risks

	N	15
	NS	15
	Wt	75.85
Het	Chi	15.05
Het	df	14
Het	P	N.S.
Fixed	RR	1.21
	RRl	0.97
	RRu	1.52
	P	(+)
Random	RR	1.23
	RRl	0.97
	RRu	1.56
	P	(+)
Asymm	P	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = during marriage (m), as an adult (a), ever (e)  
 Values are also shown for: EXP Exposure = spouse (s)

Table 61  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Male  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
3	CORREA 1		m	s	e	0	2	26	6	154	1.97	( 0.38- 10.32)
7	KABAT1 3		m	s	e	0	5	5	7	7	1.00	( 0.20- 5.07)
15	HUMBL1 2		m	s	e	2	-	-	-	-	4.08	( 0.70- 23.91)
26	JANERI 2		m	s	e	3	-	-	-	-	0.75	( 0.31- 1.78)
36	LAYARD 2		m	s	e	2	-	-	-	-	1.47	( 0.55- 3.94)
38	KABAT2 4		m	s	a	3	-	-	-	-	1.60	( 0.67- 3.82)
*43	CARDEN 12		m	s	m	8	-	-	-	-	1.10	( 0.60- 1.80)
*63	ENSTRO 6		m	s	e	8	-	-	-	-	0.63	( 0.33- 1.22)
Partial Totals							7	31	13	161		

\*prospective study

Europe

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
12	LEE 4		m	s	m	1	-	-	-	-	1.30	( 0.38- 4.39)
46	BOFFET 7		m	s	e	2	-	-	-	-	1.47	( 0.81- 2.66)
55	MALATS 8		m	s	e	2	-	-	-	-	1.50	( 0.41- 5.43)
65	IARCKR 3		m	s	a	0	-	-	-	-	0.40	( 0.10- 3.00)
Partial Totals							0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
*6	HIRAYA 2		m	s	e	1	-	-	-	-	2.25	( 1.05- 4.76)
11	AKIBA 2		m	s	e	5	-	-	-	-	1.80	( 0.39- 6.96)
23	CHOI 1		m	s	e	0	2	6	11	90	2.73	( 0.49- 15.21)
Partial Totals							2	6	11	90		

\*prospective study

Relative risks		NAmerica	Europe	Asia	Other	Total
	N	8	4	3		15
	NS	8	4	3		15
	Wt	39.88	17.06	9.88		66.82
	Het Chi	7.12	2.06	0.14		13.70
	Het df	7	3	2		14
	Het P	N.S.	N.S.	N.S.		N.S.
Fixed	RR	1.06	1.31	2.21		1.24
	RRl	0.78	0.81	1.19		0.98
	RRu	1.44	2.10	4.13		1.58
	P	N.S.	N.S.	+		(+)
Random	RR	1.06	1.31	2.21		1.24
	RRl	0.77	0.81	1.19		0.98
	RRu	1.45	2.10	4.13		1.58
	P	N.S.	N.S.	+		(+)
Asymm	P	N.S.	N.S.	N.S.		N.S.
Between	Chi		0.54	4.32		4.38
Between	df		1	1		2
Between	P		N.S.	+	N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = during marriage (m), as an adult (a), ever (e)  
 Values are also shown for: EXP Exposure = spouse (s)

Table 62  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Male  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
3	CORREA 1		m	s	e	0	2	26	6	154	1.97	( 0.38- 10.32)
7	KABAT1 3		m	s	e	0	5	5	7	7	1.00	( 0.20- 5.07)
15	HUMBL1 1		m	s	e	0	5	37	3	93	4.19	( 0.95- 18.42)
26	JANERI 2		m	s	e	3	-	-	-	-	0.75	( 0.31- 1.78)
36	LAYARD 1		m	s	e	0	6	215	15	783	1.46	( 0.56- 3.80)
38	KABAT2 3		m	s	a	0	11	19	28	79	1.63	( 0.69- 3.85)
*43	CARDEN 11		m	s	m	0	18	19549	79	76993	0.90	( 0.54- 1.50)
*63	ENSTRO 3		m	s	e	1	-	-	-	-	0.75	( 0.42- 1.35)
Partial Totals							47	19851	138	78109		

\*prospective study

Europe

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
12	LEE 3		m	s	m	0	8	14	7	16	1.31	( 0.38- 4.52)
46	BOFFET 6		m	s	e	0	23	68	118	462	1.32	( 0.79- 2.21)
55	MALATS 1		m	s	e	0	-	-	-	-	1.70	( 0.55- 5.26)
65	IARCKR 3		m	s	a	0	-	-	-	-	0.40	( 0.10- 3.00)
Partial Totals							31	82	125	478		

\*prospective study

Asia

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
*6	HIRAYA 1		m	s	e	0	7	1010	57	19279	2.34	( 1.07- 5.13)
11	AKIBA 1		m	s	e	0	3	9	16	101	2.10	( 0.51- 8.61)
23	CHOI 1		m	s	e	0	2	6	11	90	2.73	( 0.49- 15.21)
Totals							12	1025	84	19470		

\*prospective study

Relative risks		NAmerica	Europe	Asia	Other	Total
	N	8	4	3		15
	NS	8	4	3		15
	Wt	44.98	21.36	9.51		75.85
	Het Chi	7.57	2.06	0.05		15.05
	Het df	7	3	2		14
	Het P	N.S.	N.S.	N.S.		N.S.
Fixed	RR	1.03	1.27	2.34		1.21
	RRl	0.77	0.83	1.24		0.97
	RRu	1.38	1.94	4.42		1.52
	P	N.S.	N.S.	++		(+)
Random	RR	1.05	1.27	2.34		1.23
	RRl	0.77	0.83	1.24		0.97
	RRu	1.43	1.94	4.42		1.56
	P	N.S.	N.S.	++		(+)
Asymm	P	(*)	N.S.	N.S.		N.S.
Between	Chi		0.64	5.30		5.37
Between	df		1	1		2
Between	P		N.S.	+	N.S.	(*)

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = during marriage (m), as an adult (a), ever (e)  
 Values are also shown for: EXP Exposure = spouse (s)



Table 63  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
*1	GARFI1	1	f	s	c	0	88	94880	65	81859	1.17	( 0.85- 1.61)	
2	CHAN	1	f	s	e	0	34	66	50	73	0.75	( 0.43- 1.30)	
3	CORREA	1	m	s	e	0	2	26	6	154	1.97	( 0.38- 10.32)	
3	CORREA	2	f	s	e	0	14	61	8	72	2.07	( 0.81- 5.25)	
Subtotal 3												2.04	( 0.91- 4.61)
4	TRICHO	1	f	s	y	0	53	116	24	109	2.08	( 1.20- 3.59)	
*6	HIRAYA	2	m	s	e	1	-	-	-	-	2.25	( 1.05- 4.76)	
*6	HIRAYA	8	f	s	e	1	-	-	-	-	1.45	( 1.02- 2.08)	
Subtotal 6												1.57	( 1.14- 2.17)
7	KABAT1	3	m	s	e	0	5	5	7	7	1.00	( 0.20- 5.07)	
7	KABAT1	4	f	s	e	0	13	15	11	10	0.79	( 0.25- 2.45)	
Subtotal 7												0.85	( 0.34- 2.16)
8	GARFI2	3	f	s	e	0	91	254	43	148	1.23	( 0.81- 1.87)	
9	LAMW	1	f	s	e	0	37	64	23	80	2.01	( 1.09- 3.72)	
10	WU	3	f	s	m	1	-	-	-	-	1.20	( 0.50- 3.30)	
11	AKIBA	2	m	s	e	5	-	-	-	-	1.80	( 0.39- 6.96)	
11	AKIBA	4	f	s	e	5	-	-	-	-	1.50	( 0.93- 2.76)	
Subtotal 11												1.53	( 0.92- 2.55)
12	LEE	4	m	s	m	1	-	-	-	-	1.30	( 0.38- 4.39)	
12	LEE	6	f	s	m	1	-	-	-	-	1.00	( 0.37- 2.71)	
Subtotal 12												1.11	( 0.51- 2.40)
14	GAO	8	f	s	m	2	-	-	-	-	1.30	( 0.89- 1.91)	
15	HUMBL1	2	m	s	e	2	-	-	-	-	4.08	( 0.70- 23.91)	
15	HUMBL1	4	f	s	e	2	-	-	-	-	2.20	( 0.76- 6.56)	
Subtotal 15												2.60	( 1.04- 6.53)
16	KOO	3	f	s	m	4	-	-	-	-	1.64	( 0.87- 3.09)	
17	LAMT	1	f	s	m	0	115	152	84	183	1.65	( 1.16- 2.35)	
18	PERSHA	2	f	s	m	2	-	-	-	-	1.20	( 0.70- 2.10)	
*19	BUTLER	2	f	s	m	1	-	-	-	-	2.02	( 0.48- 8.56)	
20	GENG	1	f	s	e	0	34	41	20	52	2.16	( 1.08- 4.29)	
21	INOUE	2	f	s	e	1	-	-	-	-	2.25	( 0.77- 8.85)	
22	SHIMIZ	2	f	s	m	0	52	91	38	72	1.08	( 0.64- 1.82)	
23	CHOI	1	m	s	e	0	2	6	11	90	2.73	( 0.49- 15.21)	
23	CHOI	2	f	s	e	0	49	88	26	76	1.63	( 0.92- 2.87)	
Subtotal 23												1.71	( 1.00- 2.93)
26	JANERI	4	c	s	e	3	-	-	-	-	0.75	( 0.48- 1.18)	
27	KALAND	3	f	s	m	4	-	-	-	-	2.11	( 1.09- 4.08)	
28	SOBUE	2	f	s	a	2	-	-	-	-	1.13	( 0.78- 1.63)	
29	WU-WIL	4	f	s	e	3	-	-	-	-	0.70	( 0.60- 0.90)	
31	BROWN2	4	f	s	a	2	-	-	-	-	1.00	( 0.80- 1.20)	
32	STOCKW	3	f	s	e	3	-	-	-	-	1.60	( 0.80- 3.00)	
33	DU	1	f	s	e	0	47	154	28	100	1.09	( 0.64- 1.85)	
34	LIUQ	2	f	s	e	3	-	-	-	-	1.72	( 0.77- 3.87)	
35	FONTHA	6	f	s	a	8	-	-	-	-	1.29	( 1.04- 1.60)	
36	LAYARD	2	m	s	e	2	-	-	-	-	1.47	( 0.55- 3.94)	
36	LAYARD	4	f	s	e	2	-	-	-	-	0.58	( 0.30- 1.13)	
Subtotal 36												0.78	( 0.45- 1.34)
38	KABAT2	4	m	s	a	3	-	-	-	-	1.60	( 0.67- 3.82)	
38	KABAT2	6	f	s	a	3	-	-	-	-	1.08	( 0.60- 1.94)	
Subtotal 38												1.22	( 0.75- 1.99)
40	SUN	2	f	s	m	2	-	-	-	-	1.16	( 0.80- 1.69)	
42	WANGT	2	f	s	m	0	92	89	43	46	1.11	( 0.67- 1.84)	
*43	CARDEN	12	m	s	m	8	-	-	-	-	1.10	( 0.60- 1.80)	
*43	CARDEN	10	f	s	m	8	-	-	-	-	1.20	( 0.80- 1.60)	
Subtotal 43												1.17	( 0.87- 1.57)
46	BOFFET	7	m	s	e	2	-	-	-	-	1.47	( 0.81- 2.66)	
46	BOFFET	9	f	s	e	2	-	-	-	-	1.11	( 0.88- 1.39)	
Subtotal 46												1.15	( 0.93- 1.42)
48	ZARIDZ	4	f	s	e	2	-	-	-	-	1.53	( 1.06- 2.21)	
49	BOFFE2	12	c	s	a	2	-	-	-	-	1.00	( 0.50- 1.80)	
*50	JEE	4	f	s	e	5	-	-	-	-	1.72	( 0.93- 3.18)	
51	RAPITI	2	f	s	e	3	-	-	-	-	1.20	( 0.50- 2.90)	
53	ZHONG	2	f	s	e	7	-	-	-	-	1.10	( 0.80- 1.50)	
54	LEECH	8	f	s	a	7	-	-	-	-	1.87	( 1.29- 2.71)	
55	MALATS	12	c	s	e	2	-	-	-	-	1.50	( 0.80- 2.60)	

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 Within each study, results are included (in the following order of preference) for:  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 Values are also shown for: EXP Exposure = spouse (s)

Table 63  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
*59	NISHIN	2	f	s	c	7	-	-	-	-	1.80	( 0.67- 4.60)	
60	OHNO	6	f	s	e	2	-	-	-	-	1.00	( 0.67- 1.49)	
*63	ENSTRO	6	m	s	e	8	-	-	-	-	0.63	( 0.33- 1.22)	
*63	ENSTRO	12	f	s	e	8	-	-	-	-	0.94	( 0.66- 1.33)	
Subtotal 63											0.86	( 0.63- 1.17)	
65	IARCKR	3	m	s	a	0	-	-	-	-	0.40	( 0.10- 3.00)	
65	IARCKR	2	f	s	a	2	-	-	-	-	0.80	( 0.50- 1.30)	
Subtotal 65											0.76	( 0.48- 1.20)	
Partial Totals							728	96108	487	83131			
*prospective study													

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Ys	Ws	Qs	Ps
*1	GARFI1	1	f	s	c	0	0.16	37.42	0.00	0.3420
2	CHAN	1	f	s	e	0	-0.28	12.78	2.46	0.3086
3	CORREA	1	m	s	e	0	0.68	1.41	0.39	0.4200
3	CORREA	2	f	s	e	0	0.73	4.41	1.44	0.1276
Subtotal 3							1.10	5.82	1.83	
4	TRICHO	1	f	s	y	0	0.73	12.77	4.24	0.0091
*6	HIRAYA	2	m	s	e	1	0.81	6.73	2.90	0.0355
*6	HIRAYA	8	f	s	e	1	0.37	30.26	1.44	0.0410
Subtotal 6							0.87	36.99	4.34	
7	KABAT1	3	m	s	e	0	0.00	1.46	0.03	1.0000
7	KABAT1	4	f	s	e	0	-0.24	2.99	0.46	0.6802
Subtotal 7							-0.55	4.45	0.49	
8	GARFI2	3	f	s	e	0	0.21	22.25	0.07	0.3229
9	LAMW	1	f	s	e	0	0.70	10.14	3.01	0.0261
10	WU	3	f	s	m	1	0.18	4.31	0.00	0.7049
11	AKIBA	2	m	s	e	5	0.59	1.85	0.35	0.4240
11	AKIBA	4	f	s	e	5	0.41	12.99	0.82	0.1440
Subtotal 11							0.69	14.84	1.17	
12	LEE	4	m	s	m	1	0.26	2.57	0.03	0.6743
12	LEE	6	f	s	m	1	0.00	3.88	0.09	1.0000
Subtotal 12							-0.05	6.44	0.12	
14	GAO	8	f	s	m	2	0.27	26.20	0.33	0.1741
15	HUMBL1	2	m	s	e	2	1.41	1.23	1.93	0.1185
15	HUMBL1	4	f	s	e	2	0.79	3.31	1.33	0.1516
Subtotal 15							1.89	4.54	3.26	
16	KOO	3	f	s	m	4	0.49	9.57	1.11	0.1260
17	LAMT	1	f	s	m	0	0.50	30.63	3.67	0.0057
18	PERSHA	2	f	s	m	2	0.18	12.73	0.01	0.5153
*19	BUTLER	2	f	s	m	1	0.70	1.85	0.56	0.3388
20	GENG	1	f	s	e	0	0.77	8.13	3.07	0.0285
21	INOUE	2	f	s	e	1	0.81	2.58	1.11	0.1930
22	SHIMIZ	2	f	s	m	0	0.08	14.20	0.08	0.7646
23	CHOI	1	m	s	e	0	1.00	1.30	0.94	0.2525
23	CHOI	2	f	s	e	0	0.49	11.99	1.33	0.0916
Subtotal 23							1.18	13.29	2.27	
26	JANERI	4	c	s	e	3	-0.29	18.99	3.70	0.2099
27	KALAND	3	f	s	m	4	0.75	8.82	3.10	0.0266
28	SOBUE	2	f	s	a	2	0.12	28.29	0.03	0.5157
29	WU-WIL	4	f	s	e	3	-0.36	93.46	24.36	0.0006
31	BROWN2	4	f	s	a	2	0.00	93.46	2.21	1.0000
32	STOCKW	3	f	s	e	3	0.47	8.80	0.88	0.1634
33	DU	1	f	s	e	0	0.09	13.61	0.06	0.7506
34	LIUQ	2	f	s	e	3	0.54	5.89	0.89	0.1880
35	FONTHA	6	f	s	a	8	0.25	82.80	0.84	0.0205
36	LAYARD	2	m	s	e	2	0.39	3.96	0.21	0.4431
36	LAYARD	4	f	s	e	2	-0.54	8.74	4.26	0.1074
Subtotal 36							-0.47	12.70	4.48	
38	KABAT2	4	m	s	a	3	0.47	5.07	0.51	0.2899
38	KABAT2	6	f	s	a	3	0.08	11.16	0.07	0.7971
Subtotal 38							0.24	16.23	0.57	
40	SUN	2	f	s	m	2	0.15	27.47	0.00	0.4366
42	WANGT	2	f	s	m	0	0.10	14.90	0.04	0.6978

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 Within each study, results are included (in the following order of preference) for:  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 Values are also shown for: EXP Exposure = spouse (s)

Table 63  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Ys	Ws	Qs	Ps
*43	CARDEN	12	m	s	m	8	0.10	12.73	0.04	0.7338
*43	CARDEN	10	f	s	m	8	0.18	31.98	0.03	0.3025
Subtotal 43							-0.03	44.71	0.07	
46	BOFFET	7	m	s	e	2	0.39	10.87	0.58	0.2041
46	BOFFET	9	f	s	e	2	0.10	73.53	0.18	0.3709
Subtotal 46							0.18	84.40	0.76	
48	ZARIDZ	4	f	s	e	2	0.43	28.46	2.10	0.0233
49	BOFFE2	12	c	s	a	2	0.00	9.36	0.22	1.0000
*50	JEE	4	f	s	e	5	0.54	10.17	1.53	0.0838
51	RAPITI	2	f	s	e	3	0.18	4.97	0.00	0.6843
53	ZHONG	2	f	s	e	7	0.10	38.89	0.13	0.5523
54	LEECH	8	f	s	a	7	0.63	27.89	6.22	0.0009
55	MALATS	12	c	s	e	2	0.41	11.06	0.70	0.1775
*59	NISHIN	2	f	s	c	7	0.59	4.14	0.78	0.2317
60	OHNO	6	f	s	e	2	0.00	24.05	0.57	1.0000
*63	ENSTRO	6	m	s	e	8	-0.46	8.99	3.41	0.1660
*63	ENSTRO	12	f	s	e	8	-0.06	31.30	1.46	0.7292
Subtotal 63							-0.83	40.28	4.86	
65	IARCKR	3	m	s	a	0	-0.92	1.33	1.52	0.2910
65	IARCKR	2	f	s	a	2	-0.22	16.83	2.39	0.3600
Subtotal 65							-1.45	18.16	3.91	

Relative risks

	N	60
	NS	47
	Wt	1063.90
Het	Chi	96.23
Het	df	59
Het	P	**
Fixed	RR	1.17
	RRl	1.10
	RRu	1.24
	P	+++
Random	RR	1.23
	RRl	1.13
	RRu	1.34
	P	+++
Asymm	P	**

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 Within each study, results are included (in the following order of preference) for:  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 Values are also shown for: EXP Exposure = spouse (s)

Table 64  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	0	88	94880	65	81859	1.17	( 0.85- 1.61)
2	CHAN	1	f	s	e	0	34	66	50	73	0.75	( 0.43- 1.30)
3	CORREA	1	m	s	e	0	2	26	6	154	1.97	( 0.38- 10.32)
3	CORREA	2	f	s	e	0	14	61	8	72	2.07	( 0.81- 5.25)
Subtotal 3											2.04	( 0.91- 4.61)
4	TRICHO	1	f	s	y	0	53	116	24	109	2.08	( 1.20- 3.59)
*6	HIRAYA	1	m	s	e	0	7	1010	57	19279	2.34	( 1.07- 5.13)
*6	HIRAYA	7	f	s	e	0	163	69645	37	21895	1.38	( 0.97- 1.98)
Subtotal 6											1.52	( 1.10- 2.10)
7	KABAT1	3	m	s	e	0	5	5	7	7	1.00	( 0.20- 5.07)
7	KABAT1	4	f	s	e	0	13	15	11	10	0.79	( 0.25- 2.45)
Subtotal 7											0.85	( 0.34- 2.16)
8	GARFI2	3	f	s	e	0	91	254	43	148	1.23	( 0.81- 1.87)
9	LAMW	1	f	s	e	0	37	64	23	80	2.01	( 1.09- 3.72)
10	WU	2	f	s	m	0	19	33	9	22	1.41	( 0.54- 3.67)
11	AKIBA	1	m	s	e	0	3	9	16	101	2.10	( 0.51- 8.61)
11	AKIBA	3	f	s	e	0	73	188	21	82	1.52	( 0.87- 2.63)
Subtotal 11											1.58	( 0.95- 2.64)
12	LEE	3	m	s	m	0	8	14	7	16	1.31	( 0.38- 4.52)
12	LEE	5	f	s	m	0	22	45	10	21	1.03	( 0.41- 2.55)
Subtotal 12											1.12	( 0.54- 2.33)
14	GAO	4	f	s	m	0	189	276	57	99	1.19	( 0.82- 1.73)
15	HUMBL1	1	m	s	e	0	5	37	3	93	4.19	( 0.95- 18.42)
15	HUMBL1	3	f	s	e	0	15	91	5	71	2.34	( 0.81- 6.75)
Subtotal 15											2.85	( 1.20- 6.74)
16	KOO	2	f	s	m	0	51	66	35	70	1.55	( 0.90- 2.67)
17	LAMT	1	f	s	m	0	115	152	84	183	1.65	( 1.16- 2.35)
18	PERSHA	1	f	s	m	0	37	153	33	141	1.03	( 0.51- 1.74)
*19	BUTLER	1	f	s	m	0	3	10579	5	43052	2.44	( 0.68- 10.22)
20	GENG	1	f	s	e	0	34	41	20	52	2.16	( 1.08- 4.29)
21	INOUE	1	f	s	e	0	18	30	4	17	2.55	( 0.74- 8.78)
22	SHIMIZ	2	f	s	m	0	52	91	38	72	1.08	( 0.64- 1.82)
23	CHOI	1	m	s	e	0	2	6	11	90	2.73	( 0.49- 15.21)
23	CHOI	2	f	s	e	0	49	88	26	76	1.63	( 0.92- 2.87)
Subtotal 23											1.71	( 1.00- 2.93)
26	JANERI	4	c	s	e	3	-	-	-	-	0.75	( 0.48- 1.18)
27	KALAND	2	f	s	m	0	64	70	26	46	1.62	( 0.90- 2.91)
28	SOBUE	1	f	s	a	0	80	395	64	336	1.06	( 0.74- 1.52)
29	WU-WIL	3	f	s	e	0	205	331	212	271	0.79	( 0.62- 1.02)
31	BROWN2	3	f	s	a	0	218	598	213	568	0.97	( 0.78- 1.21)
32	STOCKW	2	f	s	e	0	44	55	18	36	1.60	( 0.80- 3.19)
33	DU	1	f	s	e	0	47	154	28	100	1.09	( 0.64- 1.85)
34	LIUQ	1	f	s	e	0	25	37	13	32	1.66	( 0.73- 3.78)
35	FONTHA	5	f	s	a	0	433	766	218	487	1.26	( 1.04- 1.54)
36	LAYARD	1	m	s	e	0	6	215	15	783	1.46	( 0.56- 3.80)
36	LAYARD	3	f	s	e	0	15	961	24	969	0.63	( 0.33- 1.21)
Subtotal 36											0.82	( 0.48- 1.41)
38	KABAT2	3	m	s	a	0	11	19	28	79	1.63	( 0.69- 3.85)
38	KABAT2	5	f	s	a	0	41	102	26	71	1.10	( 0.62- 1.96)
Subtotal 38											1.24	( 0.77- 2.01)
40	SUN	11	f	s	m	0	144	136	86	94	1.16	( 0.80- 1.68)
42	WANGT	2	f	s	m	0	92	89	43	46	1.11	( 0.67- 1.84)
*43	CARDEN	11	m	s	m	0	18	19549	79	76993	0.90	( 0.54- 1.50)
*43	CARDEN	9	f	s	m	0	96	114286	54	77948	1.21	( 0.87- 1.69)
Subtotal 43											1.11	( 0.84- 1.47)
46	BOFFET	6	m	s	e	0	23	68	118	462	1.32	( 0.79- 2.21)
46	BOFFET	8	f	s	e	0	321	632	187	376	1.02	( 0.82- 1.27)
Subtotal 46											1.06	( 0.87- 1.30)
48	ZARIDZ	3	f	s	e	0	109	163	80	195	1.63	( 1.14- 2.33)
49	BOFFE2	11	c	s	a	0	33	75	37	103	1.22	( 0.70- 2.14)
*50	JEE	3	f	s	e	1	67	-	12	-	1.80	( 0.98- 3.30)
51	RAPITI	1	f	s	e	0	13	21	28	46	1.02	( 0.44- 2.35)
53	ZHONG	1	f	s	e	0	322	377	182	224	1.05	( 0.82- 1.34)
54	LEECH	7	f	s	a	0	186	253	82	192	1.72	( 1.25- 2.37)
55	MALATS	11	c	s	e	0	58	42	64	79	1.70	( 1.02- 2.86)

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 Within each study, results are included (in the following order of preference) for:  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 Values are also shown for: EXP Exposure = spouse (s)

Table 64  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers		Non-exposed		RR	95.00%CI
							Exposed	Cont	Case	Cont		
*59	NISHIN	1	f	s	c	0	11	30566	13	43361	1.20	( 0.54- 2.68)
60	OHNO	5	f	s	e	0	139	239	52	90	1.01	( 0.67- 1.50)
*63	ENSTRO	3	m	s	e	1	-	-	-	-	0.75	( 0.42- 1.35)
*63	ENSTRO	9	f	s	e	1	-	-	-	-	0.99	( 0.72- 1.37)
Subtotal	63										0.93	( 0.70- 1.23)
65	IARCKR	3	m	s	a	0	-	-	-	-	0.40	( 0.10- 3.00)
65	IARCKR	1	f	s	a	0	-	-	-	-	0.90	( 0.60- 1.40)
Subtotal	65										0.86	( 0.57- 1.29)
Partial Totals							4023	348240	2717	371931		
*prospective study												

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Ys	Ws	Qs	Ps
*1	GARFI1	1	f	s	c	0	0.16	37.42	0.00	0.3420
2	CHAN	1	f	s	e	0	-0.28	12.78	2.58	0.3086
3	CORREA	1	m	s	e	0	0.68	1.41	0.37	0.4200
3	CORREA	2	f	s	e	0	0.73	4.41	1.39	0.1276
Subtotal	3						1.08	5.82	1.76	
4	TRICHO	1	f	s	y	0	0.73	12.77	4.08	0.0091
*6	HIRAYA	1	m	s	e	0	0.85	6.28	2.97	0.0328
*6	HIRAYA	7	f	s	e	0	0.33	30.21	0.79	0.0734
Subtotal	6						0.85	36.48	3.75	
7	KABAT1	3	m	s	e	0	0.00	1.46	0.04	1.0000
7	KABAT1	4	f	s	e	0	-0.24	2.99	0.48	0.6802
Subtotal	7						-0.57	4.45	0.52	
8	GARFI2	3	f	s	e	0	0.21	22.25	0.05	0.3229
9	LAMW	1	f	s	e	0	0.70	10.14	2.89	0.0261
10	WU	2	f	s	m	0	0.34	4.18	0.13	0.4850
11	AKIBA	1	m	s	e	0	0.74	1.93	0.65	0.3008
11	AKIBA	3	f	s	e	0	0.42	12.69	0.80	0.1382
Subtotal	11						0.83	14.62	1.45	
12	LEE	3	m	s	m	0	0.27	2.49	0.03	0.6735
12	LEE	5	f	s	m	0	0.03	4.64	0.09	0.9548
Subtotal	12						-0.04	7.13	0.11	
14	GAO	4	f	s	m	0	0.17	27.35	0.00	0.3644
15	HUMBL1	1	m	s	e	0	1.43	1.75	2.82	0.0580
15	HUMBL1	3	f	s	e	0	0.85	3.43	1.61	0.1154
Subtotal	15						1.95	5.18	4.43	
16	KOO	2	f	s	m	0	0.44	12.88	0.95	0.1182
17	LAMT	1	f	s	m	0	0.50	30.63	3.45	0.0057
18	PERSHA	1	f	s	m	0	0.03	14.09	0.24	0.9022
*19	BUTLER	1	f	s	m	0	0.89	1.88	0.99	0.2215
20	GENG	1	f	s	e	0	0.77	8.13	2.96	0.0285
21	INOUE	1	f	s	e	0	0.94	2.51	1.50	0.1377
22	SHIMITZ	2	f	s	m	0	0.08	14.20	0.10	0.7646
23	CHOI	1	m	s	e	0	1.00	1.30	0.92	0.2525
23	CHOI	2	f	s	e	0	0.49	11.99	1.25	0.0916
Subtotal	23						1.16	13.29	2.16	
26	JANERI	4	c	s	e	3	-0.29	18.99	3.88	0.2099
27	KALAND	2	f	s	m	0	0.48	11.10	1.11	0.1091
28	SOBUE	1	f	s	a	0	0.06	29.73	0.32	0.7379
29	WU-WIL	3	f	s	e	0	-0.23	61.33	9.71	0.0674
31	BROWN2	3	f	s	a	0	-0.03	78.65	2.92	0.8021
32	STOCKW	2	f	s	e	0	0.47	8.05	0.75	0.1824
33	DU	1	f	s	e	0	0.09	13.61	0.08	0.7506
34	LIUQ	1	f	s	e	0	0.51	5.71	0.68	0.2242
35	FONTHA	5	f	s	a	0	0.23	97.51	0.46	0.0212
36	LAYARD	1	m	s	e	0	0.38	4.18	0.19	0.4418
36	LAYARD	3	f	s	e	0	-0.46	9.06	3.55	0.1647
Subtotal	36						-0.41	13.24	3.74	
38	KABAT2	3	m	s	a	0	0.49	5.21	0.55	0.2627
38	KABAT2	5	f	s	a	0	0.09	11.53	0.06	0.7517
Subtotal	38						0.26	16.74	0.61	
40	SUN	11	f	s	m	0	0.15	27.35	0.01	0.4448
42	WANGT	2	f	s	m	0	0.10	14.90	0.06	0.6978

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 Within each study, results are included (in the following order of preference) for:  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 Values are also shown for: EXP Exposure = spouse (s)

Table 64  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Ys	Ws	Qs	Ps
*43	CARDEN	11	m	s	m	0	-0.11	14.67	1.09	0.6783
*43	CARDEN	9	f	s	m	0	0.19	34.59	0.03	0.2571
Subtotal 43							-0.24	49.26	1.12	
46	BOFFET	6	m	s	e	0	0.28	14.53	0.20	0.2843
46	BOFFET	8	f	s	e	0	0.02	78.71	1.62	0.8520
Subtotal 46							-0.03	93.24	1.81	
48	ZARIDZ	3	f	s	e	0	0.49	30.36	3.19	0.0071
49	BOFFE2	11	c	s	a	0	0.20	12.44	0.02	0.4743
*50	JEE	3	f	s	e	1	0.59	10.42	1.87	0.0577
51	RAPITI	1	f	s	e	0	0.02	5.49	0.12	0.9685
53	ZHONG	1	f	s	e	0	0.05	63.63	0.83	0.6903
54	LEECH	7	f	s	a	0	0.54	37.41	5.37	0.0009
55	MALATS	11	c	s	e	0	0.53	14.42	1.96	0.0428
*59	NISHIN	1	f	s	c	0	0.18	5.96	0.00	0.6557
60	OHNO	5	f	s	e	0	0.01	23.97	0.60	0.9743
*63	ENSTRO	3	m	s	e	1	-0.29	11.27	2.30	0.3341
*63	ENSTRO	9	f	s	e	1	-0.01	37.13	1.13	0.9512
Subtotal 63							-0.63	48.40	3.43	
65	IARCKR	3	m	s	a	0	-0.92	1.33	1.55	0.2910
65	IARCKR	1	f	s	a	0	-0.11	21.40	1.56	0.6259
Subtotal 65							-1.35	22.73	3.11	

Relative risks

	N	60
	NS	47
	Wt	1112.82
Het	Chi	81.90
Het	df	59
Het	P	*
Fixed	RR	1.18
	RRl	1.11
	RRu	1.25
	P	+++
Random	RR	1.21
	RRl	1.12
	RRu	1.31
	P	+++
Asymm	P	**

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 Within each study, results are included (in the following order of preference) for:  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 Values are also shown for: EXP Exposure = spouse (s)

Table 65  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
*1	GARFI1	1	f	s	c	0	88	94880	65	81859	1.17	( 0.85- 1.61)	
3	CORREA	1	m	s	e	0	2	26	6	154	1.97	( 0.38- 10.32)	
3	CORREA	2	f	s	e	0	14	61	8	72	2.07	( 0.81- 5.25)	
Subtotal 3											2.04	( 0.91- 4.61)	
7	KABAT1	3	m	s	e	0	5	5	7	7	1.00	( 0.20- 5.07)	
7	KABAT1	4	f	s	e	0	13	15	11	10	0.79	( 0.25- 2.45)	
Subtotal 7											0.85	( 0.34- 2.16)	
8	GARFI2	3	f	s	e	0	91	254	43	148	1.23	( 0.81- 1.87)	
10	WU	3	f	s	m	1	-	-	-	-	1.20	( 0.50- 3.30)	
15	HUMBL1	2	m	s	e	2	-	-	-	-	4.08	( 0.70- 23.91)	
15	HUMBL1	4	f	s	e	2	-	-	-	-	2.20	( 0.76- 6.56)	
Subtotal 15											2.60	( 1.04- 6.53)	
*19	BUTLER	2	f	s	m	1	-	-	-	-	2.02	( 0.48- 8.56)	
26	JANERI	4	c	s	e	3	-	-	-	-	0.75	( 0.48- 1.18)	
31	BROWN2	4	f	s	a	2	-	-	-	-	1.00	( 0.80- 1.20)	
32	STOCKW	3	f	s	e	3	-	-	-	-	1.60	( 0.80- 3.00)	
35	FONTHA	6	f	s	a	8	-	-	-	-	1.29	( 1.04- 1.60)	
36	LAYARD	2	m	s	e	2	-	-	-	-	1.47	( 0.55- 3.94)	
36	LAYARD	4	f	s	e	2	-	-	-	-	0.58	( 0.30- 1.13)	
Subtotal 36											0.78	( 0.45- 1.34)	
38	KABAT2	4	m	s	a	3	-	-	-	-	1.60	( 0.67- 3.82)	
38	KABAT2	6	f	s	a	3	-	-	-	-	1.08	( 0.60- 1.94)	
Subtotal 38											1.22	( 0.75- 1.99)	
*43	CARDEN	12	m	s	m	8	-	-	-	-	1.10	( 0.60- 1.80)	
*43	CARDEN	10	f	s	m	8	-	-	-	-	1.20	( 0.80- 1.60)	
Subtotal 43											1.17	( 0.87- 1.57)	
*63	ENSTRO	6	m	s	e	8	-	-	-	-	0.63	( 0.33- 1.22)	
*63	ENSTRO	12	f	s	e	8	-	-	-	-	0.94	( 0.66- 1.33)	
Subtotal 63											0.86	( 0.63- 1.17)	
Partial Totals							213	95241	140	82250			
*prospective study													

Europe

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
4	TRICHO	1	f	s	y	0	53	116	24	109	2.08	( 1.20- 3.59)	
12	LEE	4	m	s	m	1	-	-	-	-	1.30	( 0.38- 4.39)	
12	LEE	6	f	s	m	1	-	-	-	-	1.00	( 0.37- 2.71)	
Subtotal 12											1.11	( 0.51- 2.40)	
18	PERSHA	2	f	s	m	2	-	-	-	-	1.20	( 0.70- 2.10)	
27	KALAND	3	f	s	m	4	-	-	-	-	2.11	( 1.09- 4.08)	
46	BOFFET	7	m	s	e	2	-	-	-	-	1.47	( 0.81- 2.66)	
46	BOFFET	9	f	s	e	2	-	-	-	-	1.11	( 0.88- 1.39)	
Subtotal 46											1.15	( 0.93- 1.42)	
48	ZARIDZ	4	f	s	e	2	-	-	-	-	1.53	( 1.06- 2.21)	
49	BOFFE2	12	c	s	a	2	-	-	-	-	1.00	( 0.50- 1.80)	
55	MALATS	12	c	s	e	2	-	-	-	-	1.50	( 0.80- 2.60)	
65	IARCKR	3	m	s	a	0	-	-	-	-	0.40	( 0.10- 3.00)	
65	IARCKR	2	f	s	a	2	-	-	-	-	0.80	( 0.50- 1.30)	
Subtotal 65											0.76	( 0.48- 1.20)	
Partial Totals							53	116	24	109			
*prospective study													

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 Within each study, results are included (in the following order of preference) for:  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 Values are also shown for: EXP Exposure = spouse (s)

Table 65  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Both sexes  
 By continent - adjusted

Asia

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	0	34	66	50	73	0.75 ( 0.43-	1.30)
*6	HIRAYA	2	m	s	e	1	-	-	-	-	2.25 ( 1.05-	4.76)
*6	HIRAYA	8	f	s	e	1	-	-	-	-	1.45 ( 1.02-	2.08)
Subtotal 6											1.57 ( 1.14-	2.17)
9	LAMW	1	f	s	e	0	37	64	23	80	2.01 ( 1.09-	3.72)
11	AKIBA	2	m	s	e	5	-	-	-	-	1.80 ( 0.39-	6.96)
11	AKIBA	4	f	s	e	5	-	-	-	-	1.50 ( 0.93-	2.76)
Subtotal 11											1.53 ( 0.92-	2.55)
14	GAO	8	f	s	m	2	-	-	-	-	1.30 ( 0.89-	1.91)
16	KOO	3	f	s	m	4	-	-	-	-	1.64 ( 0.87-	3.09)
17	LAMT	1	f	s	m	0	115	152	84	183	1.65 ( 1.16-	2.35)
20	GENG	1	f	s	e	0	34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	2	f	s	e	1	-	-	-	-	2.25 ( 0.77-	8.85)
22	SHIMIZ	2	f	s	m	0	52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	1	m	s	e	0	2	6	11	90	2.73 ( 0.49-	15.21)
23	CHOI	2	f	s	e	0	49	88	26	76	1.63 ( 0.92-	2.87)
Subtotal 23											1.71 ( 1.00-	2.93)
28	SOBUE	2	f	s	a	2	-	-	-	-	1.13 ( 0.78-	1.63)
29	WU-WIL	4	f	s	e	3	-	-	-	-	0.70 ( 0.60-	0.90)
33	DU	1	f	s	e	0	47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	2	f	s	e	3	-	-	-	-	1.72 ( 0.77-	3.87)
40	SUN	2	f	s	m	2	-	-	-	-	1.16 ( 0.80-	1.69)
42	WANGT	2	f	s	m	0	92	89	43	46	1.11 ( 0.67-	1.84)
*50	JEE	4	f	s	e	5	-	-	-	-	1.72 ( 0.93-	3.18)
51	RAPITI	2	f	s	e	3	-	-	-	-	1.20 ( 0.50-	2.90)
53	ZHONG	2	f	s	e	7	-	-	-	-	1.10 ( 0.80-	1.50)
54	LEECH	8	f	s	a	7	-	-	-	-	1.87 ( 1.29-	2.71)
*59	NISHIN	2	f	s	c	7	-	-	-	-	1.80 ( 0.67-	4.60)
60	OHNO	6	f	s	e	2	-	-	-	-	1.00 ( 0.67-	1.49)
Partial Totals							462	751	323	772		
*prospective study												

Relative risks	NAmerica		Europe	Asia	Other	Total
	N	NS				
	22	15	12	26		60
			9	23		47
	Wt	398.62	192.21	473.08		1063.90
Het	Chi	22.81	14.31	57.11		96.23
Het	df	21	11	25		59
Het	P	N.S.	N.S.	***		**
Fixed	RR	1.11	1.25	1.18		1.17
	RRl	1.00	1.08	1.08		1.10
	RRu	1.22	1.44	1.30		1.24
	P	+	++	+++		+++
Random	RR	1.11	1.28	1.32		1.23
	RRl	0.99	1.07	1.14		1.13
	RRu	1.24	1.53	1.54		1.34
	P	(+)	++	+++		+++
Asymm	P	N.S.	N.S.	***		**
Between	Chi		1.79	0.96		2.00
Between	df		1	1		2
Between	P		N.S.	N.S.	N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 Values are also shown for: EXP Exposure = spouse (s)



Table 66  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
*1	GARFI1	1	f	s	c	0	88	94880	65	81859	1.17	( 0.85- 1.61)
3	CORREA	1	m	s	e	0	2	26	6	154	1.97	( 0.38- 10.32)
3	CORREA	2	f	s	e	0	14	61	8	72	2.07	( 0.81- 5.25)
Subtotal 3											2.04	( 0.91- 4.61)
7	KABAT1	3	m	s	e	0	5	5	7	7	1.00	( 0.20- 5.07)
7	KABAT1	4	f	s	e	0	13	15	11	10	0.79	( 0.25- 2.45)
Subtotal 7											0.85	( 0.34- 2.16)
8	GARFI2	3	f	s	e	0	91	254	43	148	1.23	( 0.81- 1.87)
10	WU	2	f	s	m	0	19	33	9	22	1.41	( 0.54- 3.67)
15	HUMBL1	1	m	s	e	0	5	37	3	93	4.19	( 0.95- 18.42)
15	HUMBL1	3	f	s	e	0	15	91	5	71	2.34	( 0.81- 6.75)
Subtotal 15											2.85	( 1.20- 6.74)
*19	BUTLER	1	f	s	m	0	3	10579	5	43052	2.44	( 0.58- 10.22)
26	JANERI	4	c	s	e	3	-	-	-	-	0.75	( 0.48- 1.18)
31	BROWN2	3	f	s	a	0	218	598	213	568	0.97	( 0.78- 1.21)
32	STOCKW	2	f	s	e	0	44	55	18	36	1.60	( 0.80- 3.19)
35	FONTHA	5	f	s	a	0	433	766	218	487	1.26	( 1.04- 1.54)
36	LAYARD	1	m	s	e	0	6	215	15	783	1.46	( 0.56- 3.80)
36	LAYARD	3	f	s	e	0	15	961	24	969	0.63	( 0.33- 1.21)
Subtotal 36											0.82	( 0.48- 1.41)
38	KABAT2	3	m	s	a	0	11	19	28	79	1.63	( 0.69- 3.85)
38	KABAT2	5	f	s	a	0	41	102	26	71	1.10	( 0.62- 1.96)
Subtotal 38											1.24	( 0.77- 2.01)
*43	CARDEN	11	m	s	m	0	18	19549	79	76993	0.90	( 0.54- 1.50)
*43	CARDEN	9	f	s	m	0	96	114286	54	77948	1.21	( 0.87- 1.69)
Subtotal 43											1.11	( 0.84- 1.47)
*63	ENSTRO	3	m	s	e	1	-	-	-	-	0.75	( 0.42- 1.35)
*63	ENSTRO	9	f	s	e	1	-	-	-	-	0.99	( 0.72- 1.37)
Subtotal 63											0.93	( 0.70- 1.23)
Partial Totals							1137	242532	837	283422		
*prospective study												

Europe

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
4	TRICHO	1	f	s	y	0	53	116	24	109	2.08	( 1.20- 3.59)
12	LEE	3	m	s	m	0	8	14	7	16	1.31	( 0.38- 4.52)
12	LEE	5	f	s	m	0	22	45	10	21	1.03	( 0.41- 2.55)
Subtotal 12											1.12	( 0.54- 2.33)
18	PERSHA	1	f	s	m	0	37	153	33	141	1.03	( 0.61- 1.74)
27	KALAND	2	f	s	m	0	64	70	26	46	1.62	( 0.90- 2.91)
46	BOFFET	6	m	s	e	0	23	68	118	462	1.32	( 0.79- 2.21)
46	BOFFET	8	f	s	e	0	321	632	187	376	1.02	( 0.82- 1.27)
Subtotal 46											1.06	( 0.87- 1.30)
48	ZARIDZ	3	f	s	e	0	109	163	80	195	1.63	( 1.14- 2.33)
49	BOFFE2	11	c	s	a	0	33	75	37	103	1.22	( 0.70- 2.14)
55	MALATS	11	c	s	e	0	58	42	64	79	1.70	( 1.02- 2.86)
65	IARCKR	3	m	s	a	0	-	-	-	-	0.40	( 0.10- 3.00)
65	IARCKR	1	f	s	a	0	-	-	-	-	0.90	( 0.60- 1.40)
Subtotal 65											0.86	( 0.57- 1.29)
Partial Totals							728	1378	586	1548		
*prospective study												

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 Within each study, results are included (in the following order of preference) for:  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 Values are also shown for: EXP Exposure = spouse (s)

Table 66  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 10-MAR-05  
 Both sexes  
 By continent - unadjusted

Asia

StN	Ref	NRR	SEX	EXP	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
2	CHAN	1	f	s	e	0	34	66	50	73	0.75 ( 0.43-	1.30)
*6	HIRAYA	1	m	s	e	0	7	1010	57	19279	2.34 ( 1.07-	5.13)
*6	HIRAYA	7	f	s	e	0	163	69645	37	21895	1.38 ( 0.97-	1.98)
Subtotal 6											1.52 ( 1.10-	2.10)
9	LAMW	1	f	s	e	0	37	64	23	80	2.01 ( 1.09-	3.72)
11	AKIBA	1	m	s	e	0	3	9	16	101	2.10 ( 0.51-	8.61)
11	AKIBA	3	f	s	e	0	73	188	21	82	1.52 ( 0.87-	2.63)
Subtotal 11											1.58 ( 0.95-	2.64)
14	GAO	4	f	s	m	0	189	276	57	99	1.19 ( 0.82-	1.73)
16	KOO	2	f	s	m	0	51	66	35	70	1.55 ( 0.90-	2.67)
17	LAMT	1	f	s	m	0	115	152	84	183	1.65 ( 1.16-	2.35)
20	GENG	1	f	s	e	0	34	41	20	52	2.16 ( 1.08-	4.29)
21	INOUE	1	f	s	e	0	18	30	4	17	2.55 ( 0.74-	8.78)
22	SHIMIZ	2	f	s	m	0	52	91	38	72	1.08 ( 0.64-	1.82)
23	CHOI	1	m	s	e	0	2	6	11	90	2.73 ( 0.49-	15.21)
23	CHOI	2	f	s	e	0	49	88	26	76	1.63 ( 0.92-	2.87)
Subtotal 23											1.71 ( 1.00-	2.93)
28	SOBUE	1	f	s	a	0	80	395	64	336	1.06 ( 0.74-	1.52)
29	WU-WIL	3	f	s	e	0	205	331	212	271	0.79 ( 0.62-	1.02)
33	DU	1	f	s	e	0	47	154	28	100	1.09 ( 0.64-	1.85)
34	LIUQ	1	f	s	e	0	25	37	13	32	1.66 ( 0.73-	3.78)
40	SUN	11	f	s	m	0	144	136	86	94	1.16 ( 0.80-	1.68)
42	WANGT	2	f	s	m	0	92	89	43	46	1.11 ( 0.67-	1.84)
*50	JEE	3	f	s	e	1	67	-	12	-	1.80 ( 0.98-	3.30)
51	RAPITI	1	f	s	e	0	13	21	28	46	1.02 ( 0.44-	2.35)
53	ZHONG	1	f	s	e	0	322	377	182	224	1.05 ( 0.82-	1.34)
54	LEECH	7	f	s	a	0	186	253	82	192	1.72 ( 1.25-	2.37)
*59	NISHIN	1	f	s	c	0	11	30566	13	43361	1.20 ( 0.54-	2.68)
60	OHNO	5	f	s	e	0	139	239	52	90	1.01 ( 0.67-	1.50)
Partial Totals							2158	104330	1294	86961		
*prospective study												

Relative risks	NAmerica		Europe		Asia		Other		Total	
	N	NS								
	22	15	12	9	26	23			60	47
	Wt	412.00	218.29		482.54				1112.82	
Het	Chi	23.42	15.40		40.87				81.90	
Het	df	21	11		25				59	
Het	P	N.S.	N.S.		*				*	
Fixed	RR	1.11	1.22		1.22				1.18	
	RRl	1.01	1.07		1.12				1.11	
	RRu	1.22	1.39		1.33				1.25	
	P	+	++		+++				+++	
Random	RR	1.11	1.26		1.28				1.21	
	RRl	0.99	1.06		1.13				1.12	
	RRu	1.24	1.50		1.45				1.31	
	P	(+)	++		+++				+++	
Asymm	P	N.S.	N.S.		**				**	
Between	Chi		1.20		1.90				2.21	
Between	df		1		1				2	
Between	P		N.S.		N.S.		N.S.		N.S.	

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 Within each study, results are included (in the following order of preference) for:  
 2) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e), current (c)  
 Values are also shown for: EXP Exposure = spouse (s)

Table 67  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Squamous - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TYP	TIM	HOU	ADJ	Numbers		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
4	TRICHO	1	f	s	y	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
8	GARFI2	4	f	s	q	e	-	0	-	-	-	-	5.00	( 2.94- 8.51)
12	LEE	15	m	s	x	m	-	1	-	-	-	-	0.60	( 0.07- 4.86)
12	LEE	7	f	s	x	m	-	1	-	-	-	-	1.70	( 0.21- 13.40)
Subtotal 12													1.02	( 0.23- 4.50)
16	KOO	8	f	t	x	e	-	4	-	-	-	-	1.73	( 0.50- 5.99)
17	LAMT	5	f	s	q	m	-	0	12	35	15	37	0.85	( 0.35- 2.06)
18	PERSHA	3	f	s	x	m	-	2	-	-	-	-	3.30	( 1.10- 11.40)
26	JANERI	5	c	s	x	e	-	0	-	-	-	-	1.12	( 0.87- 1.47)
27	KALAND	4	f	s	y	m	-	4	-	-	-	-	2.58	( 0.88- 7.57)
31	BROWN2	5	f	s	q	a	-	2	-	-	-	-	0.60	( 0.30- 1.30)
32	STOCKW	4	f	s	y	e	-	3	-	-	-	-	2.20	( 0.80- 5.80)
35	FONTHA	10	f	s	y	a	-	8	-	-	-	-	1.37	( 0.92- 2.03)
40	SUN	3	f	b	x	e	a	2	-	-	-	-	2.06	( 1.03- 4.15)
44	ZHENG	9	f	h	q	e	a	0	6	23	1	4	1.04	( 0.10- 11.14)
46	BOFFET	21	c	s	q	e	-	2	-	-	-	-	1.21	( 0.77- 1.91)
48	ZARIDZ	6	f	s	q	e	-	2	-	-	-	-	1.94	( 0.99- 3.81)
51	RAPITI	32	c	s	x	e	-	3	-	-	-	-	1.20	( 0.40- 2.50)
53	ZHONG	6	f	s	y	e	-	7	-	-	-	-	1.10	( 0.70- 1.80)
64	ZATLOU	5	f	t	v	a	-	3	-	-	-	-	0.66	( 0.22- 1.96)
Partial Totals									71	174	40	150		

\*prospective study

StN	Ref	NRR	SEX	EXP	TYP	TIM	HOU	ADJ	Ys	Ws	Qs	Ps
4	TRICHO	1	f	s	y	y	-	0	0.73	12.77	1.84	0.0091
8	GARFI2	4	f	s	q	e	-	0	1.61	13.60	21.57	0.0000
12	LEE	15	m	s	x	m	-	1	-0.51	0.85	0.63	0.6368
12	LEE	7	f	s	x	m	-	1	0.53	0.89	0.03	0.6167
Subtotal 12									-0.68	1.74	0.66	
16	KOO	8	f	t	x	e	-	4	0.55	2.49	0.10	0.3869
17	LAMT	5	f	s	q	m	-	0	-0.17	4.86	1.30	0.7117
18	PERSHA	3	f	s	x	m	-	2	1.19	2.81	2.00	0.0453
26	JANERI	5	c	s	x	e	-	0	0.11	55.85	3.13	0.3970
27	KALAND	4	f	s	y	m	-	4	0.95	3.32	1.19	0.0843
31	BROWN2	5	f	s	q	a	-	2	-0.51	7.15	5.30	0.1721
32	STOCKW	4	f	s	y	e	-	3	0.79	3.92	0.75	0.1187
35	FONTHA	10	f	s	y	a	-	8	0.31	24.53	0.03	0.1189
40	SUN	3	f	b	x	e	a	2	0.72	7.91	1.10	0.0421
44	ZHENG	9	f	h	q	e	a	0	0.04	0.68	0.06	0.9719
46	BOFFET	21	c	s	q	e	-	2	0.19	18.62	0.47	0.4108
48	ZARIDZ	6	f	s	q	e	-	2	0.66	8.46	0.83	0.0539
51	RAPITI	32	c	s	x	e	-	3	0.18	4.58	0.13	0.6965
53	ZHONG	6	f	s	y	e	-	7	0.10	17.23	1.12	0.6924
64	ZATLOU	5	f	t	v	a	-	3	-0.42	3.21	1.88	0.4564

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t), home and work (b)
- 2) TYP Lung cancer type = squamous (q), squamous and small (x), squamous, small and large (v), all expect adeno (y)
- 3) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e)
- 4) HOU Household exposure (if applies) = all hhold membs (a)

Table 67  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Squamous - both sexes  
 Overall analysis - adjusted

Relative risks

	N	19
	NS	18
	Wt	193.73
Het	Chi	43.47
Het	df	18
Het	P	***
Fixed	RR	1.42
	RRl	1.23
	RRu	1.63
	P	+++
Random	RR	1.50
	RRl	1.16
	RRu	1.94
	P	++
Asymm	P	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t), home and work (b)  
 2) TYP Lung cancer type = squamous (q), squamous and small (x), squamous, small and large (v), all expect adeno (y)  
 3) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e)  
 4) HOU Household exposure (if applies) = all hhold membs (a)

Table 68  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Squamous - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TYP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
4	TRICHO	1	f	s	y	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
8	GARFI2	4	f	s	q	e	-	0	-	-	-	-	5.00	( 2.94- 8.51)
12	LEE	17	m	s	x	m	-	0	2	14	3	16	0.76	( 0.11- 5.24)
12	LEE	18	f	s	x	m	-	0	4	45	1	21	1.87	( 0.20- 17.74)
Subtotal 12													1.11	( 0.26- 4.81)
16	KOO	4	f	t	x	e	-	0	25	97	7	40	1.47	( 0.59- 3.68)
17	LAMT	5	f	s	q	m	-	0	12	35	15	37	0.85	( 0.35- 2.06)
18	PERSHA	3	f	s	x	m	-	2	-	-	-	-	3.30	( 1.10- 11.40)
26	JANERI	5	c	s	x	e	-	0	-	-	-	-	1.12	( 0.87- 1.47)
27	KALAND	4	f	s	y	m	-	4	-	-	-	-	2.58	( 0.88- 7.57)
31	BROWN2	5	f	s	q	a	-	2	-	-	-	-	0.60	( 0.30- 1.30)
32	STOCKW	4	f	s	y	e	-	3	-	-	-	-	2.20	( 0.80- 5.80)
35	FONTHA	9	f	s	y	a	-	0	99	766	56	487	1.12	( 0.79- 1.59)
40	SUN	3	f	b	x	e	a	2	-	-	-	-	2.06	( 1.03- 4.15)
44	ZHENG	9	f	h	q	e	a	0	6	23	1	4	1.04	( 0.10- 11.14)
46	BOFFET	20	c	s	q	e	-	0	59	700	50	838	1.41	( 0.96- 2.09)
48	ZARIDZ	5	f	s	q	e	-	0	26	163	16	195	1.94	( 1.01- 3.75)
51	RAPITI	32	c	s	x	e	-	3	-	-	-	-	1.20	( 0.40- 2.50)
53	ZHONG	5	f	s	y	e	-	0	59	377	32	224	1.10	( 0.69- 1.74)
64	ZATLOU	2	f	t	v	a	-	0	4	155	30	734	0.63	( 0.22- 1.82)
Partial Totals									349	2491	235	2705		

\*prospective study

StN	Ref	NRR	SEX	EXP	TYP	TIM	HOU	ADJ	Ys	Ws	Qs	Ps
4	TRICHO	1	f	s	y	y	-	0	0.73	12.77	2.05	0.0091
8	GARFI2	4	f	s	q	e	-	0	1.61	13.60	22.29	0.0000
12	LEE	17	m	s	x	m	-	0	-0.27	1.03	0.37	0.7822
12	LEE	18	f	s	x	m	-	0	0.62	0.76	0.07	0.5869
Subtotal 12									-0.31	1.79	0.44	
16	KOO	4	f	t	x	e	-	0	0.39	4.58	0.02	0.4072
17	LAMT	5	f	s	q	m	-	0	-0.17	4.86	1.20	0.7117
18	PERSHA	3	f	s	x	m	-	2	1.19	2.81	2.10	0.0453
26	JANERI	5	c	s	x	e	-	0	0.11	55.85	2.61	0.3970
27	KALAND	4	f	s	y	m	-	4	0.95	3.32	1.27	0.0843
31	BROWN2	5	f	s	q	a	-	2	-0.51	7.15	5.05	0.1721
32	STOCKW	4	f	s	y	e	-	3	0.79	3.92	0.82	0.1187
35	FONTHA	9	f	s	y	a	-	0	0.12	31.93	1.44	0.5091
40	SUN	3	f	b	x	e	a	2	0.72	7.91	1.22	0.0421
44	ZHENG	9	f	h	q	e	a	0	0.04	0.68	0.06	0.9719
46	BOFFET	20	c	s	q	e	-	0	0.35	25.27	0.01	0.0825
48	ZARIDZ	5	f	s	q	e	-	0	0.66	8.91	1.00	0.0472
51	RAPITI	32	c	s	x	e	-	3	0.18	4.58	0.10	0.6965
53	ZHONG	5	f	s	y	e	-	0	0.09	18.08	1.03	0.6982
64	ZATLOU	2	f	t	v	a	-	0	-0.46	3.43	2.14	0.3941

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 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t), home and work (b)
- 2) TYP Lung cancer type = squamous (q), squamous and small (x), squamous, small and large (v), all expect adeno (y)
- 3) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e)
- 4) HOU Household exposure (if applies) = all hhold membs (a)

Table 68  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Squamous - both sexes  
 Overall analysis- unadjusted

Relative risks

	N	19
	NS	18
	Wt	211.45
Het	Chi	44.84
Het	df	18
Het	P	***
Fixed	RR	1.39
	RRl	1.21
	RRu	1.59
	P	+++
Random	RR	1.49
	RRl	1.16
	RRu	1.91
	P	++
Asymm	P	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t), home and work (b)  
 2) TYP Lung cancer type = squamous (q), squamous and small (x), squamous, small and large (v), all expect adeno (y)  
 3) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e)  
 4) HOU Household exposure (if applies) = all hhold membs (a)

Table 69  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Squamous - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TYP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
8	GARFI2	4	f	s	q	e	-	0	-	-	-	-	5.00	( 2.94- 8.51)
26	JANERI	5	c	s	x	e	-	0	-	-	-	-	1.12	( 0.87- 1.47)
31	BROWN2	5	f	s	q	a	-	2	-	-	-	-	0.60	( 0.30- 1.30)
32	STOCKW	4	f	s	y	e	-	3	-	-	-	-	2.20	( 0.80- 5.80)
35	FONTHA	10	f	s	y	a	-	8	-	-	-	-	1.37	( 0.92- 2.03)
Partial Totals									0	0	0	0		

\*prospective study

Europe

StN	Ref	NRR	SEX	EXP	TYP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
4	TRICHO	1	f	s	y	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
12	LEE	15	m	s	x	m	-	1	-	-	-	-	0.60	( 0.07- 4.86)
12	LEE	7	f	s	x	m	-	1	-	-	-	-	1.70	( 0.21- 13.40)
Subtotal 12													1.02	( 0.23- 4.50)
18	PERSHA	3	f	s	x	m	-	2	-	-	-	-	3.30	( 1.10- 11.40)
27	KALAND	4	f	s	y	m	-	4	-	-	-	-	2.58	( 0.88- 7.57)
46	BOFFET	21	c	s	q	e	-	2	-	-	-	-	1.21	( 0.77- 1.91)
48	ZARIDZ	6	f	s	q	e	-	2	-	-	-	-	1.94	( 0.99- 3.81)
64	ZATLOU	5	f	t	v	a	-	3	-	-	-	-	0.66	( 0.22- 1.96)
Partial Totals									53	116	24	109		

\*prospective study

Asia

StN	Ref	NRR	SEX	EXP	TYP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
16	KOO	8	f	t	x	e	-	4	-	-	-	-	1.73	( 0.50- 5.99)
17	LAMT	5	f	s	q	m	-	0	12	35	15	37	0.85	( 0.35- 2.06)
40	SUN	3	f	b	x	e	a	2	-	-	-	-	2.06	( 1.03- 4.15)
44	ZHENG	9	f	h	q	e	a	0	6	23	1	4	1.04	( 0.10- 11.14)
51	RAPITI	32	c	s	x	e	-	3	-	-	-	-	1.20	( 0.40- 2.50)
53	ZHONG	6	f	s	y	e	-	7	-	-	-	-	1.10	( 0.70- 1.80)
Partial Totals									18	58	16	41		

\*prospective study

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	5	8	6		19
	NS	5	7	6		18
	Wt	105.05	50.93	37.75		193.73
	Het Chi	30.77	8.20	3.29		43.47
	Het df	4	7	5		18
	Het P	***	N.S.	N.S.		***
	Fixed RR	1.40	1.59	1.26		1.42
	RRl	1.16	1.21	0.92		1.23
	RRu	1.70	2.09	1.74		1.63
	P	+++	+++	N.S.		+++
	Random RR	1.58	1.61	1.26		1.50
	RRl	0.85	1.17	0.92		1.16
	RRu	2.92	2.22	1.74		1.94
	P	N.S.	++	N.S.		++
	Asymm P	N.S.	N.S.	N.S.		N.S.
	Between Chi		0.56	0.30		1.21
	Between df		1	1		2
	Between P		N.S.	N.S.	N.S.	N.S.

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t), home and work (b)
- 2) TYP Lung cancer type = squamous (q), squamous and small (x), squamous, small and large (v), all expect adeno (y)
- 3) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e)
- 4) HOU Household exposure (if applies) = all hhold membs (a)

Table 70  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Squamous - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TYP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
8	GARFI2	4	f	s	q	e	-	0	-	-	-	-	5.00	( 2.94- 8.51)
26	JANERI	5	c	s	x	e	-	0	-	-	-	-	1.12	( 0.87- 1.47)
31	BROWN2	5	f	s	q	a	-	2	-	-	-	-	0.60	( 0.30- 1.30)
32	STOCKW	4	f	s	y	e	-	3	-	-	-	-	2.20	( 0.80- 5.80)
35	FONTHA	9	f	s	y	a	-	0	99	766	56	487	1.12	( 0.79- 1.59)
Partial Totals									99	766	56	487		

\*prospective study

Europe

StN	Ref	NRR	SEX	EXP	TYP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
4	TRICHO	1	f	s	y	y	-	0	53	116	24	109	2.08	( 1.20- 3.59)
12	LEE	17	m	s	x	m	-	0	2	14	3	16	0.76	( 0.11- 5.24)
12	LEE	18	f	s	x	m	-	0	4	45	1	21	1.87	( 0.20- 17.74)
Subtotal 12													1.11	( 0.26- 4.81)
18	PERSHA	3	f	s	x	m	-	2	-	-	-	-	3.30	( 1.10- 11.40)
27	KALAND	4	f	s	y	m	-	4	-	-	-	-	2.58	( 0.88- 7.57)
46	BOFFET	20	c	s	q	e	-	0	59	700	50	838	1.41	( 0.96- 2.09)
48	ZARIDZ	5	f	s	q	e	-	0	26	163	16	195	1.94	( 1.01- 3.75)
64	ZATLOU	2	f	t	v	a	-	0	4	155	30	734	0.63	( 0.22- 1.82)
Partial Totals									148	1193	124	1913		

\*prospective study

Asia

StN	Ref	NRR	SEX	EXP	TYP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
16	KOO	4	f	t	x	e	-	0	25	97	7	40	1.47	( 0.59- 3.68)
17	LAMT	5	f	s	q	m	-	0	12	35	15	37	0.85	( 0.35- 2.06)
40	SUN	3	f	b	x	e	a	2	-	-	-	-	2.06	( 1.03- 4.15)
44	ZHENG	9	f	h	q	e	a	0	6	23	1	4	1.04	( 0.10- 11.14)
51	RAPITI	32	c	s	x	e	-	3	-	-	-	-	1.20	( 0.40- 2.50)
53	ZHONG	5	f	s	y	e	-	0	59	377	32	224	1.10	( 0.69- 1.74)
Partial Totals									102	532	55	305		

\*prospective study

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	5	8	6		19
	NS	5	7	6		18
	Wt	112.45	58.30	40.70		211.45
	Het Chi	31.92	7.33	3.18		44.84
	Het df	4	7	5		18
	Het P	***	N.S.	N.S.		***
Fixed	RR	1.32	1.65	1.25		1.39
	RRl	1.10	1.27	0.92		1.21
	RRu	1.59	2.13	1.70		1.59
	P	++	+++	N.S.		+++
Random	RR	1.51	1.66	1.25		1.49
	RRl	0.83	1.26	0.92		1.16
	RRu	2.75	2.17	1.70		1.91
	P	N.S.	+++	N.S.		++
	Asymm P	N.S.	N.S.	N.S.		N.S.
Between	Chi		1.85	0.09		2.40
Between	df		1	1		2
Between	P		N.S.	N.S.	N.S.	N.S.

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t), home and work (b)
- 2) TYP Lung cancer type = squamous (q), squamous and small (x), squamous, small and large (v), all expect adeno (y)
- 3) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e)
- 4) HOU Household exposure (if applies) = all hhold membs (a)



Table 71  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Adenocarcinoma - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TYP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
8	GARFI2	5	f	s	a	e	-	0	-	-	-	-	1.33	( 0.80- 2.21)
9	LAMW	1	f	s	a	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
10	WU	3	f	s	a	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
12	LEE	16	m	s	c	m	-	1	-	-	-	-	2.70	( 0.24- 30.57)
12	LEE	8	f	s	c	m	-	1	-	-	-	-	0.41	( 0.07- 2.40)
Subtotal 12													0.79	( 0.19- 3.29)
13	BROWN1	2	f	t	a	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)
16	KOO	9	f	t	w	e	-	4	-	-	-	-	1.61	( 0.61- 4.29)
17	LAMT	7	f	s	a	m	-	0	78	64	53	92	2.12	( 1.32- 3.39)
18	PERSHA	4	f	s	c	m	-	2	-	-	-	-	0.80	( 0.40- 1.50)
26	JANERI	6	c	s	w	e	-	0	-	-	-	-	0.97	( 0.79- 1.16)
27	KALAND	5	f	s	a	m	-	4	-	-	-	-	2.04	( 0.98- 4.24)
31	BROWN2	6	f	s	a	a	-	2	-	-	-	-	1.00	( 0.80- 1.30)
32	STOCKW	5	f	s	a	e	-	3	-	-	-	-	1.30	( 0.60- 2.70)
35	FONTHA	8	f	s	a	a	-	8	-	-	-	-	1.28	( 1.01- 1.62)
40	SUN	4	f	b	a	e	a	2	-	-	-	-	2.86	( 1.69- 4.84)
44	ZHENG	10	f	h	a	e	a	0	38	108	5	33	2.32	( 0.85- 6.38)
46	BOFFET	25	c	s	a	e	-	2	-	-	-	-	1.08	( 0.82- 1.42)
47	SHEN	1	f	t	a	y	-	0	56	59	14	11	0.75	( 0.31- 1.78)
48	ZARIDZ	8	f	s	a	e	-	2	-	-	-	-	1.52	( 0.96- 2.39)
49	BOFFE2	12	c	s	a	a	-	2	-	-	-	-	1.00	( 0.50- 1.80)
51	RAPITI	31	c	s	a	e	-	3	-	-	-	-	1.00	( 0.30- 3.20)
53	ZHONG	4	f	s	a	e	-	7	-	-	-	-	1.10	( 0.80- 1.50)
64	ZATLOU	4	f	t	a	a	-	3	-	-	-	-	0.36	( 0.11- 1.22)
Partial Totals									209	295	95	216		

\*prospective study

StN	Ref	NRR	SEX	EXP	TYP	TIM	HOU	ADJ	Ys	Ws	Qs	Ps				
8	GARFI2	5	f	s	a	e	-	0	0.29	14.88	0.22	0.2713				
9	LAMW	1	f	s	a	e	-	0	0.70	10.14	2.91	0.0261				
10	WU	3	f	s	a	m	-	1	0.18	4.31	0.00	0.7049				
12	LEE	16	m	s	c	m	-	1	0.99	0.65	0.45	0.4218				
12	LEE	8	f	s	c	m	-	1	-0.89	1.23	1.37	0.3228				
Subtotal 12													-0.22	1.88	1.82	
13	BROWN1	2	f	t	a	e	-	3	0.52	1.86	0.24	0.4791				
16	KOO	9	f	t	w	e	-	4	0.48	4.04	0.40	0.3385				
17	LAMT	7	f	s	a	m	-	0	0.75	17.19	5.91	0.0019				
18	PERSHA	4	f	s	c	m	-	2	-0.22	8.80	1.31	0.5081				
26	JANERI	6	c	s	w	e	-	0	-0.03	104.13	3.89	0.7559				
27	KALAND	5	f	s	a	m	-	4	0.71	7.16	2.17	0.0564				
31	BROWN2	6	f	s	a	a	-	2	0.00	65.19	1.73	1.0000				
32	STOCKW	5	f	s	a	e	-	3	0.26	6.79	0.07	0.4941				
35	FONTHA	8	f	s	a	a	-	8	0.25	68.83	0.49	0.0406				
40	SUN	4	f	b	a	e	a	2	1.05	13.88	10.94	0.0001				
44	ZHENG	10	f	h	a	e	a	0	0.84	3.76	1.74	0.1023				
46	BOFFET	25	c	s	a	e	-	2	0.08	50.96	0.38	0.5827				
47	SHEN	1	f	t	a	y	-	0	-0.29	5.07	1.06	0.5088				
48	ZARIDZ	8	f	s	a	e	-	2	0.42	18.47	1.21	0.0719				
49	BOFFE2	12	c	s	a	a	-	2	0.00	9.36	0.25	1.0000				
51	RAPITI	31	c	s	a	e	-	3	0.00	2.74	0.07	1.0000				
53	ZHONG	4	f	s	a	e	-	7	0.10	38.89	0.18	0.5523				
64	ZATLOU	4	f	t	a	a	-	3	-1.02	2.65	3.72	0.0960				

-----  
 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t), home and work (b)
- 2) TYP Lung cancer type = adeno (a), adeno and large (w), all except squamous/small (c)
- 3) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e)
- 4) HOU Household exposure (if applies) = all hhold membs (a)

Table 71  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Adenocarcinoma - both sexes  
 Overall analysis - adjusted

Relative risks

	N	23
	NS	22
	Wt	461.00
Het	Chi	40.69
Het	df	22
Het	P	**
Fixed	RR	1.18
	RRl	1.07
	RRu	1.29
	P	+++
Random	RR	1.26
	RRl	1.08
	RRu	1.47
	P	++
Asymm	P	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t), home and work (b)  
 2) TYP Lung cancer type = adeno (a), adeno and large (w), all except squamous/small (c)  
 3) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e)  
 4) HOU Household exposure (if applies) = all hhold membs (a)

Table 72  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Adenocarcinoma - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TYP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
8	GARFI2	5	f	s	a	e	-	0	-	-	-	-	1.33	( 0.80- 2.21)
9	LAMW	1	f	s	a	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
10	WU	2	f	s	a	m	-	0	19	33	9	22	1.41	( 0.54- 3.67)
12	LEE	19	m	s	c	m	-	0	3	14	1	16	3.43	( 0.32- 36.83)
12	LEE	20	f	s	c	m	-	0	4	45	5	21	0.37	( 0.09- 1.53)
Subtotal 12														
13	BROWN1	1	f	t	a	e	-	0	4	7	15	40	1.52	( 0.39- 5.96)
16	KOO	5	f	t	w	e	-	0	34	97	12	40	1.17	( 0.55- 2.48)
17	LAMT	7	f	s	a	m	-	0	78	64	53	92	2.12	( 1.32- 3.39)
18	PERSHA	4	f	s	c	m	-	2	-	-	-	-	0.80	( 0.40- 1.50)
26	JANERI	6	c	s	w	e	-	0	-	-	-	-	0.97	( 0.79- 1.16)
27	KALAND	5	f	s	a	m	-	4	-	-	-	-	2.04	( 0.98- 4.24)
31	BROWN2	6	f	s	a	a	-	2	-	-	-	-	1.00	( 0.80- 1.30)
32	STOCKW	5	f	s	a	e	-	3	-	-	-	-	1.30	( 0.60- 2.70)
35	FONTHA	7	f	s	a	a	-	0	334	766	162	487	1.31	( 1.05- 1.63)
40	SUN	4	f	b	a	e	a	2	-	-	-	-	2.86	( 1.69- 4.84)
44	ZHENG	10	f	h	a	e	a	0	38	108	5	33	2.32	( 0.85- 6.38)
46	BOFFET	24	c	s	a	e	-	0	174	700	159	838	1.31	( 1.03- 1.66)
47	SHEN	1	f	t	a	y	-	0	56	59	14	11	0.75	( 0.31- 1.78)
48	ZARIDZ	7	f	s	a	e	-	0	60	163	46	195	1.56	( 1.01- 2.42)
49	BOFFE2	11	c	s	a	a	-	0	33	75	37	103	1.22	( 0.70- 2.14)
51	RAPITI	31	c	s	a	e	-	3	-	-	-	-	1.00	( 0.30- 3.20)
53	ZHONG	3	f	s	a	e	-	0	187	377	109	224	1.02	( 0.76- 1.36)
64	ZATLOU	1	f	t	a	a	-	0	3	155	47	734	0.30	( 0.09- 0.98)
Partial Totals									1064	2727	697	2936		
*prospective study														

StN	Ref	NRR	SEX	EXP	TYP	TIM	HOU	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	5	f	s	a	e	-	0	0.29	14.88	0.15	0.2713
9	LAMW	1	f	s	a	e	-	0	0.70	10.14	2.67	0.0261
10	WU	2	f	s	a	m	-	0	0.34	4.18	0.10	0.4850
12	LEE	19	m	s	c	m	-	0	1.23	0.68	0.75	0.3091
12	LEE	20	f	s	c	m	-	0	-0.99	1.92	2.64	0.1718
Subtotal 12												
13	BROWN1	1	f	t	a	e	-	0	0.42	2.06	0.11	0.5451
16	KOO	5	f	t	w	e	-	0	0.16	6.75	0.01	0.6859
17	LAMT	7	f	s	a	m	-	0	0.75	17.19	5.47	0.0019
18	PERSHA	4	f	s	c	m	-	2	-0.22	8.80	1.47	0.5081
26	JANERI	6	c	s	w	e	-	0	-0.03	104.13	4.85	0.7559
27	KALAND	5	f	s	a	m	-	4	0.71	7.16	1.99	0.0564
31	BROWN2	6	f	s	a	a	-	2	0.00	65.19	2.24	1.0000
32	STOCKW	5	f	s	a	e	-	3	0.26	6.79	0.04	0.4941
35	FONTHA	7	f	s	a	a	-	0	0.27	79.84	0.58	0.0156
40	SUN	4	f	b	a	e	a	2	1.05	13.88	10.40	0.0001
44	ZHENG	10	f	h	a	e	a	0	0.84	3.76	1.62	0.1023
46	BOFFET	24	c	s	a	e	-	0	0.27	68.22	0.49	0.0257
47	SHEN	1	f	t	a	y	-	0	-0.29	5.07	1.16	0.5088
48	ZARIDZ	7	f	s	a	e	-	0	0.44	20.13	1.36	0.0459
49	BOFFE2	11	c	s	a	a	-	0	0.20	12.44	0.00	0.4743
51	RAPITI	31	c	s	a	e	-	3	0.00	2.74	0.09	1.0000
53	ZHONG	3	f	s	a	e	-	0	0.02	46.21	1.28	0.8964
64	ZATLOU	1	f	t	a	a	-	0	-1.20	2.76	5.27	0.0469

-----  
 Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t), home and work (b)
- 2) TYP Lung cancer type = adeno (a), adeno and large (w), all except squamous/small (c)
- 3) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e)
- 4) HOU Household exposure (if applies) = all hhold membs (a)

Table 72  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Adenocarcinoma - both sexes  
 Overall analysis- unadjusted

Relative risks

	N	23
	NS	22
	Wt	504.93
Het	Chi	44.73
Het	df	22
Het	P	**
Fixed	RR	1.20
	RRl	1.10
	RRu	1.31
	P	+++
Random	RR	1.28
	RRl	1.10
	RRu	1.48
	P	++
Asymm	P	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t), home and work (b)  
 2) TYP Lung cancer type = adeno (a), adeno and large (w), all except squamous/small (c)  
 3) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e)  
 4) HOU Household exposure (if applies) = all hhold membs (a)

Table 73  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Adenocarcinoma - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TYP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
8	GARFI2	5	f	s	a	e	-	0	-	-	-	-	1.33	( 0.80- 2.21)
10	WU	3	f	s	a	m	-	1	-	-	-	-	1.20	( 0.50- 3.30)
13	BROWN1	2	f	t	a	e	-	3	-	-	-	-	1.68	( 0.39- 6.90)
26	JANERI	6	c	s	w	e	-	0	-	-	-	-	0.97	( 0.79- 1.16)
31	BROWN2	6	f	s	a	a	-	2	-	-	-	-	1.00	( 0.80- 1.30)
32	STOCKW	5	f	s	a	e	-	3	-	-	-	-	1.30	( 0.60- 2.70)
35	FONTHA	8	f	s	a	a	-	8	-	-	-	-	1.28	( 1.01- 1.62)
Partial Totals									0	0	0	0		

\*prospective study

Europe

StN	Ref	NRR	SEX	EXP	TYP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
12	LEE	16	m	s	c	m	-	1	-	-	-	-	2.70	( 0.24- 30.57)
12	LEE	8	f	s	c	m	-	1	-	-	-	-	0.41	( 0.07- 2.40)
Subtotal 12													0.79	( 0.19- 3.29)
18	PERSHA	4	f	s	c	m	-	2	-	-	-	-	0.80	( 0.40- 1.50)
27	KALAND	5	f	s	a	m	-	4	-	-	-	-	2.04	( 0.98- 4.24)
46	BOFFET	25	c	s	a	e	-	2	-	-	-	-	1.08	( 0.82- 1.42)
48	ZARIDZ	8	f	s	a	e	-	2	-	-	-	-	1.52	( 0.96- 2.39)
49	BOFFE2	12	c	s	a	a	-	2	-	-	-	-	1.00	( 0.50- 1.80)
64	ZATLOU	4	f	t	a	a	-	3	-	-	-	-	0.36	( 0.11- 1.22)
Partial Totals									0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	SEX	EXP	TYP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
9	LAMW	1	f	s	a	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
16	KOO	9	f	t	w	e	-	4	-	-	-	-	1.61	( 0.61- 4.29)
17	LAMT	7	f	s	a	m	-	0	78	64	53	92	2.12	( 1.32- 3.39)
40	SUN	4	f	b	a	e	a	2	-	-	-	-	2.86	( 1.69- 4.84)
44	ZHENG	10	f	h	a	e	a	0	38	108	5	33	2.32	( 0.85- 6.38)
47	SHEN	1	f	t	a	y	-	0	56	59	14	11	0.75	( 0.31- 1.78)
51	RAPITI	31	c	s	a	e	-	3	-	-	-	-	1.00	( 0.30- 3.20)
53	ZHONG	4	f	s	a	e	-	7	-	-	-	-	1.10	( 0.80- 1.50)
Partial Totals									209	295	95	216		

\*prospective study

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	7	8	8		23
	NS	7	7	8		22
	Wt	266.00	99.29	95.71		461.00
	Het Chi	4.86	10.65	15.99		40.69
	Het df	6	7	7		22
	Het P	N.S.	N.S.	*		**
	Fixed RR	1.08	1.12	1.55		1.18
	RRl	0.96	0.92	1.27		1.07
	RRu	1.22	1.37	1.89		1.29
	P	N.S.	N.S.	+++		+++
	Random RR	1.08	1.11	1.63		1.26
	RRl	0.96	0.82	1.16		1.08
	RRu	1.22	1.49	2.31		1.47
	P	N.S.	N.S.	++		++

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t), home and work (b)
- 2) TYP Lung cancer type = adeno (a), adeno and large (w), all except squamous/small (c)
- 3) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e)
- 4) HOU Household exposure (if applies) = all hhold membs (a)

Table 73  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Adenocarcinoma - both sexes  
 By continent - adjusted

		NAmerica	Europe	Asia	Other	Total
Relative risks	Asymm P	N.S.	N.S.	N.S.		N.S.
	Between Chi		0.09	8.93		9.19
	Between df		1	1		2
	Between P		N.S.	++	N.S.	*

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t), home and work (b)  
 2) TYP Lung cancer type = adeno (a), adeno and large (w), all except squamous/small (c)  
 3) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e)  
 4) HOU Household exposure (if applies) = all hhold membs (a)

Table 74  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Adenocarcinoma - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TYP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
8	GARFI2	5	f	s	a	e	-	0	-	-	-	-	1.33	( 0.80- 2.21)
10	WU	2	f	s	a	m	-	0	19	33	9	22	1.41	( 0.54- 3.67)
13	BROWN1	1	f	t	a	e	-	0	4	7	15	40	1.52	( 0.39- 5.96)
26	JANERI	6	c	s	w	e	-	0	-	-	-	-	0.97	( 0.79- 1.16)
31	BROWN2	6	f	s	a	a	-	2	-	-	-	-	1.00	( 0.80- 1.30)
32	STOCKW	5	f	s	a	e	-	3	-	-	-	-	1.30	( 0.60- 2.70)
35	FONTHA	7	f	s	a	a	-	0	334	766	162	487	1.31	( 1.05- 1.63)
Partial Totals									357	806	186	549		

\*prospective study

Europe

StN	Ref	NRR	SEX	EXP	TYP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
12	LEE	19	m	s	c	m	-	0	3	14	1	16	3.43	( 0.32- 36.83)
12	LEE	20	f	s	c	m	-	0	4	45	5	21	0.37	( 0.09- 1.53)
Subtotal 12													0.67	( 0.20- 2.25)
18	PERSHA	4	f	s	c	m	-	2	-	-	-	-	0.80	( 0.40- 1.50)
27	KALAND	5	f	s	a	m	-	4	-	-	-	-	2.04	( 0.98- 4.24)
46	BOFFET	24	c	s	a	e	-	0	174	700	159	838	1.31	( 1.03- 1.66)
48	ZARIDZ	7	f	s	a	e	-	0	60	163	46	195	1.56	( 1.01- 2.42)
49	BOFFE2	11	c	s	a	a	-	0	33	75	37	103	1.22	( 0.70- 2.14)
64	ZATLOU	1	f	t	a	a	-	0	3	155	47	734	0.30	( 0.09- 0.98)
Partial Totals									277	1152	295	1907		

\*prospective study

Asia

StN	Ref	NRR	SEX	EXP	TYP	TIM	HOU	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
9	LAMW	1	f	s	a	e	-	0	37	64	23	80	2.01	( 1.09- 3.72)
16	KOO	5	f	t	w	e	-	0	34	97	12	40	1.17	( 0.55- 2.48)
17	LAMT	7	f	s	a	m	-	0	78	64	53	92	2.12	( 1.32- 3.39)
40	SUN	4	f	b	a	e	a	2	-	-	-	-	2.86	( 1.69- 4.84)
44	ZHENG	10	f	h	a	e	a	0	38	108	5	33	2.32	( 0.85- 6.38)
47	SHEN	1	f	t	a	y	-	0	56	59	14	11	0.75	( 0.31- 1.78)
51	RAPITI	31	c	s	a	e	-	3	-	-	-	-	1.00	( 0.30- 3.20)
53	ZHONG	3	f	s	a	e	-	0	187	377	109	224	1.02	( 0.76- 1.36)
Partial Totals									430	769	216	480		

\*prospective study

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	7	8	8		23
	NS	7	7	8		22
	Wt	277.07	122.12	105.75		504.93
	Het Chi	5.89	13.66	19.44		44.73
	Het df	6	7	7		22
	Het P	N.S.	(*)	**		**
	Fixed RR	1.10	1.26	1.43		1.20
	RRl	0.98	1.06	1.19		1.10
	RRu	1.24	1.51	1.74		1.31
	P	N.S.	++	+++		+++
	Random RR	1.10	1.17	1.55		1.28
	RRl	0.98	0.85	1.07		1.10
	RRu	1.24	1.61	2.23		1.48
	P	N.S.	N.S.	+		++

Within each study, results are included (in the following order of preference) for:

- 1) EXP Exposure = spouse (s), household (h), total (t), home and work (b)
- 2) TYP Lung cancer type = adeno (a), adeno and large (w), all except squamous/small (c)
- 3) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e)
- 4) HOU Household exposure (if applies) = all hhold membs (a)

Table 74  
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 10-MAR-05  
 Adenocarcinoma - both sexes  
 By continent - unadjusted

		NAmerica	Europe	Asia	Other	Total
Relative risks	Asymm P	N.S.	N.S.	N.S.		N.S.
	Between Chi		1.62	5.35		5.74
	Between df		1	1		2
	Between P		N.S.	+	N.S.	(*)

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) EXP Exposure = spouse (s), household (h), total (t), home and work (b)  
 2) TYP Lung cancer type = adeno (a), adeno and large (w), all except squamous/small (c)  
 3) TIM Time of exposure = during marriage (m), as an adult (a), last 20 yrs (y), ever (e)  
 4) HOU Household exposure (if applies) = all hhold membs (a)



Table 75  
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 10-MAR-05  
 Workers only if available - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	WOR	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
7	KABAT1	1	m	a	c	0	18	11	7	14	3.27	( 1.01- 10.62)	
7	KABAT1	2	f	a	c	0	26	31	27	22	0.68	( 0.32- 1.47)	
Subtotal 7											1.09	( 0.57- 2.07)	
8	GARFI2	1	f	a	z	0	34	118	42	135	0.93	( 0.55- 1.55)	
10	WU	1	f	a	e	1	-	-	-	-	1.30	( 0.50- 3.30)	
12	LEE	1	m	w	c	0	7	58	3	40	1.61	( 0.39- 6.60)	
12	LEE	2	f	w	c	0	3	45	12	113	0.63	( 0.17- 2.33)	
Subtotal 12											0.97	( 0.37- 2.54)	
16	KOO	1	f	a	e	0	9	12	79	125	1.19	( 0.48- 2.95)	
22	SHIMIZ	1	f	a	e	0	35	57	55	106	1.18	( 0.70- 2.01)	
26	JANERI	1	c	a	e	0	-	-	-	-	0.91	( 0.61- 1.35)	
27	KALAND	1	f	w	e	0	13	10	52	68	1.70	( 0.69- 4.18)	
29	WU-WIL	2	f	a	e	5	-	-	-	-	1.06	( 0.80- 1.40)	
31	BROWN2	1	f	w	e	2	-	-	-	-	0.98	( 0.74- 1.31)	
35	FONTHA	4	f	w	a	10	-	-	-	-	1.56	( 1.21- 2.02)	
38	KABAT2	1	m	a	e	0	23	65	18	52	1.02	( 0.50- 2.09)	
38	KABAT2	2	f	w	e	0	35	85	23	64	1.15	( 0.62- 2.13)	
Subtotal 38											1.09	( 0.68- 1.74)	
39	SCHWAR	2	c	a	e	2	-	-	-	-	1.50	( 1.00- 2.20)	
40	SUN	1	f	a	e	2	-	-	-	-	1.38	( 0.94- 2.04)	
42	WANGT	1	f	a	e	0	113	115	22	20	0.89	( 0.46- 1.73)	
*43	CARDEN	1	m	a	e	7	-	-	-	-	1.09	( 0.62- 1.91)	
*43	CARDEN	2	f	a	e	7	-	-	-	-	1.00	( 0.65- 1.54)	
Subtotal 43											1.03	( 0.73- 1.45)	
46	BOFFET	2	m	a	e	2	-	-	-	-	1.13	( 0.68- 1.86)	
46	BOFFET	4	f	a	e	2	-	-	-	-	1.19	( 0.94- 1.51)	
Subtotal 46											1.18	( 0.95- 1.46)	
48	ZARIDZ	2	f	a	e	2	-	-	-	-	0.88	( 0.55- 1.41)	
49	BOFFE2	28	c	a	e	2	-	-	-	-	1.50	( 0.80- 3.00)	
51	RAPITI	27	c	a	e	3	-	-	-	-	1.10	( 0.30- 4.10)	
53	ZHONG	14	f	a	e	7	-	-	-	-	1.70	( 1.30- 2.30)	
54	LEECH	14	f	a	a	7	-	-	-	-	0.91	( 0.52- 1.62)	
56	WANGL	47	c	a	e	6	-	-	-	-	1.56	( 0.70- 3.30)	
57	JOHNSO	10	f	a	e	4	-	-	-	-	1.36	( 0.80- 2.31)	
60	OHNO	16	f	a	e	2	-	-	-	-	1.38	( 0.92- 2.05)	
65	IARCKR	5	m	a	e	0	-	-	-	-	0.50	( 0.20- 1.30)	
65	IARCKR	7	f	a	e	2	-	-	-	-	1.40	( 0.80- 2.20)	
Subtotal 65											1.11	( 0.71- 1.73)	
Partial Totals							316	607	340	759			
*prospective study													
StN	Ref	NRR	SEX	WOR	TIM	ADJ	Ys	Ws	Qs	Ps			
7	KABAT1	1	m	a	c	0	1.19	2.77	2.77	0.0484			
7	KABAT1	2	f	a	c	0	-0.38	6.53	2.10	0.3308			
Subtotal 7							0.43	9.30	4.87				
8	GARFI2	1	f	a	z	0	-0.08	14.47	1.00	0.7704			
10	WU	1	f	a	e	1	0.26	4.31	0.02	0.5858			
12	LEE	1	m	w	c	0	0.48	1.93	0.16	0.5088			
12	LEE	2	f	w	c	0	-0.47	2.23	0.95	0.4866			
Subtotal 12							-0.36	4.16	1.11				
16	KOO	1	f	a	e	0	0.17	4.65	0.00	0.7121			
22	SHIMIZ	1	f	a	e	0	0.17	13.56	0.00	0.5351			
26	JANERI	1	c	a	e	0	-0.09	24.35	1.92	0.6417			
27	KALAND	1	f	w	e	0	0.53	4.74	0.56	0.2479			
29	WU-WIL	2	f	a	e	5	0.06	49.07	0.81	0.6832			
31	BROWN2	1	f	w	e	2	-0.02	47.11	2.01	0.8897			
35	FONTHA	4	f	w	a	10	0.44	58.51	3.90	0.0007			
38	KABAT2	1	m	a	e	0	0.02	7.48	0.20	0.9521			
38	KABAT2	2	f	w	e	0	0.14	10.06	0.03	0.6661			
Subtotal 38							-0.21	17.54	0.23				
39	SCHWAR	2	c	a	e	2	0.41	24.72	1.19	0.0438			
40	SUN	1	f	a	e	2	0.32	25.59	0.47	0.1032			
42	WANGT	1	f	a	e	0	-0.11	8.85	0.79	0.7371			
*43	CARDEN	1	m	a	e	7	0.09	12.14	0.12	0.7640			

Within each study, results are included (in the following order of preference) for:

- 1) WOR Working status = workers only (w), all persons (a)
- 2) TIM Time of exposure = ever (e), in adulthood (a), in last 25 years (z), current (c)

Table 75  
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 10-MAR-05  
 Workers only if available - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	WOR	TIM	ADJ	Ys	Ws	Qs	Ps
*43	CARDEN	2	f	a	e	7	0.00	20.65	0.72	1.0000
Subtotal	43						-0.29	32.79	0.84	
46	BOFFET	2	m	a	e	2	0.12	15.18	0.06	0.6340
46	BOFFET	4	f	a	e	2	0.17	68.40	0.01	0.1503
Subtotal	46						-0.08	83.57	0.07	
48	ZARIDZ	2	f	a	e	2	-0.13	17.34	1.71	0.5945
49	BOFFE2	28	c	a	e	2	0.41	8.80	0.42	0.2292
51	RAPITI	27	c	a	e	3	0.10	2.25	0.02	0.8864
53	ZHONG	14	f	a	e	7	0.53	47.20	5.59	0.0003
54	LEECH	14	f	a	a	7	-0.09	11.90	0.94	0.7449
56	WANGL	47	c	a	e	6	0.44	6.39	0.43	0.2609
57	JOHNSO	10	f	a	e	4	0.31	13.67	0.20	0.2557
60	OHNO	16	f	a	e	2	0.32	23.94	0.44	0.1151
65	IARCKR	5	m	a	e	0	-0.69	4.39	3.39	0.1466
65	IARCKR	7	f	a	e	2	0.34	15.02	0.34	0.1923
Subtotal	65						-0.73	19.40	3.73	

Relative risks

	N	32
	NS	26
	Wt	578.17
Het	Chi	33.28
Het	df	31
Het	P	N.S.
Fixed	RR	1.20
	RRl	1.11
	RRu	1.31
	P	+++
Random	RR	1.20
	RRl	1.10
	RRu	1.31
	P	+++
Asymm	P	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) WOR Working status = workers only (w), all persons (a)  
 2) TIM Time of exposure = ever (e), in adulthood (a), in last 25 years (z), current (c)

Table 76  
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 10-MAR-05  
 Workers only if available - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	WOR	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
7	KABAT1	1	m	a	c	0	18	11	7	14	3.27	( 1.01- 10.62)	
7	KABAT1	2	f	a	c	0	26	31	27	22	0.68	( 0.32- 1.47)	
Subtotal 7											1.09	( 0.57- 2.07)	
8	GARFI2	1	f	a	z	0	34	118	42	135	0.93	( 0.55- 1.55)	
10	WU	1	f	a	e	1	-	-	-	-	1.30	( 0.50- 3.30)	
12	LEE	1	m	w	c	0	7	58	3	40	1.61	( 0.39- 6.60)	
12	LEE	2	f	w	c	0	3	45	12	113	0.63	( 0.17- 2.33)	
Subtotal 12											0.97	( 0.37- 2.54)	
16	KOO	1	f	a	e	0	9	12	79	125	1.19	( 0.48- 2.95)	
22	SHIMIZ	1	f	a	e	0	35	57	55	106	1.18	( 0.70- 2.01)	
26	JANERI	1	c	a	e	0	-	-	-	-	0.91	( 0.61- 1.35)	
27	KALAND	1	f	w	e	0	13	10	52	68	1.70	( 0.69- 4.18)	
29	WU-WIL	1	f	a	e	0	228	301	187	301	1.22	( 0.95- 1.57)	
31	BROWN2	2	f	w	e	0	119	445	151	560	0.99	( 0.76- 1.30)	
35	FONTHA	3	f	w	a	0	385	756	143	392	1.40	( 1.11- 1.75)	
38	KABAT2	1	m	a	e	0	23	65	18	52	1.02	( 0.50- 2.09)	
38	KABAT2	2	f	w	e	0	35	85	23	64	1.15	( 0.62- 2.13)	
Subtotal 38											1.09	( 0.68- 1.74)	
39	SCHWAR	1	c	a	e	0	136	126	121	151	1.35	( 0.96- 1.89)	
40	SUN	1	f	a	e	2	-	-	-	-	1.38	( 0.94- 2.04)	
42	WANGT	1	f	a	e	0	113	115	22	20	0.89	( 0.46- 1.73)	
*43	CARDEN	1	m	a	e	7	-	-	-	-	1.09	( 0.62- 1.91)	
*43	CARDEN	2	f	a	e	7	-	-	-	-	1.00	( 0.65- 1.54)	
Subtotal 43											1.03	( 0.73- 1.45)	
46	BOFFET	1	m	a	e	0	105	379	36	152	1.17	( 0.77- 1.79)	
46	BOFFET	3	f	a	e	0	269	476	240	535	1.26	( 1.02- 1.56)	
Subtotal 46											1.24	( 1.03- 1.50)	
48	ZARIDZ	1	f	a	e	0	36	67	153	291	1.02	( 0.65- 1.60)	
49	BOFFE2	27	c	a	e	0	38	97	31	81	1.02	( 0.59- 1.79)	
51	RAPITI	27	c	a	e	3	-	-	-	-	1.10	( 0.30- 4.10)	
53	ZHONG	13	f	a	e	0	136	127	368	474	1.38	( 1.05- 1.82)	
54	LEECH	13	f	a	a	0	32	45	236	400	1.21	( 0.75- 1.95)	
56	WANGL	47	c	a	e	6	-	-	-	-	1.56	( 0.70- 3.30)	
57	JOHNSO	9	f	a	e	0	38	373	33	388	1.20	( 0.74- 1.95)	
60	OHNO	15	f	a	e	0	126	194	65	135	1.35	( 0.93- 1.96)	
65	IARCKR	5	m	a	e	0	-	-	-	-	0.50	( 0.20- 1.30)	
65	IARCKR	6	f	a	e	0	-	-	-	-	1.10	( 0.70- 1.70)	
Subtotal 65											0.95	( 0.64- 1.42)	
Partial Totals							1964	3993	2104	4619			

\*prospective study

StN	Ref	NRR	SEX	WOR	TIM	ADJ	Ys	Ws	Qs	Ps
7	KABAT1	1	m	a	c	0	1.19	2.77	2.84	0.0484
7	KABAT1	2	f	a	c	0	-0.38	6.53	2.01	0.3308
Subtotal 7							0.46	9.30	4.85	
8	GARFI2	1	f	a	z	0	-0.08	14.47	0.91	0.7704
10	WU	1	f	a	e	1	0.26	4.31	0.03	0.5858
12	LEE	1	m	w	c	0	0.48	1.93	0.18	0.5088
12	LEE	2	f	w	c	0	-0.47	2.23	0.91	0.4866
Subtotal 12							-0.34	4.16	1.09	
16	KOO	1	f	a	e	0	0.17	4.65	0.00	0.7121
22	SHIMIZ	1	f	a	e	0	0.17	13.56	0.00	0.5351
26	JANERI	1	c	a	e	0	-0.09	24.35	1.76	0.6417
27	KALAND	1	f	w	e	0	0.53	4.74	0.60	0.2479
29	WU-WIL	1	f	a	e	0	0.20	61.06	0.04	0.1214
31	BROWN2	2	f	w	e	0	-0.01	52.47	1.75	0.9521
35	FONTHA	3	f	w	a	0	0.33	74.27	1.89	0.0040
38	KABAT2	1	m	a	e	0	0.02	7.48	0.17	0.9521
38	KABAT2	2	f	w	e	0	0.14	10.06	0.01	0.6661
Subtotal 38							-0.19	17.54	0.19	
39	SCHWAR	1	c	a	e	0	0.30	33.14	0.51	0.0864
40	SUN	1	f	a	e	2	0.32	25.59	0.56	0.1032
42	WANGT	1	f	a	e	0	-0.11	8.85	0.73	0.7371
*43	CARDEN	1	m	a	e	7	0.09	12.14	0.09	0.7640

Within each study, results are included (in the following order of preference) for:

- 1) WOR Working status = workers only (w), all persons (a)
- 2) TIM Time of exposure = ever (e), in adulthood (a), in last 25 years (z), current (c)

Table 76  
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 10-MAR-05  
 Workers only if available - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	WOR	TIM	ADJ	Ys	Ws	Qs	Ps
*43	CARDEN	2	f	a	e	7	0.00	20.65	0.63	1.0000
Subtotal 43							-0.26	32.79	0.72	
46	BOFFET	1	m	a	e	0	0.16	21.50	0.01	0.4673
46	BOFFET	3	f	a	e	0	0.23	84.36	0.27	0.0339
Subtotal 46							0.04	105.86	0.28	
48	ZARIDZ	1	f	a	e	0	0.02	18.98	0.44	0.9246
49	BOFFE2	27	c	a	e	0	0.02	12.31	0.28	0.9347
51	RAPITI	27	c	a	e	3	0.10	2.25	0.01	0.8864
53	ZHONG	13	f	a	e	0	0.32	49.87	1.08	0.0232
54	LEECH	13	f	a	a	0	0.19	16.61	0.00	0.4467
56	WANGL	47	c	a	e	6	0.44	6.39	0.47	0.2609
57	JOHNSO	9	f	a	e	0	0.18	16.16	0.00	0.4681
60	OHNO	15	f	a	e	0	0.30	27.87	0.44	0.1141
65	IARCKR	5	m	a	e	0	-0.69	4.39	3.30	0.1466
65	IARCKR	6	f	a	e	0	0.10	19.52	0.12	0.6737
Subtotal 65							-0.95	23.90	3.42	

Relative risks

	N	32
	NS	26
	Wt	665.45
Het	Chi	22.04
Het	df	31
Het	P	N.S.
Fixed	RR	1.19
	RRl	1.10
	RRu	1.28
	P	+++
Random	RR	1.19
	RRl	1.10
	RRu	1.28
	P	+++
Asymm	P	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) WOR Working status = workers only (w), all persons (a)  
 2) TIM Time of exposure = ever (e), in adulthood (a), in last 25 years (z), current (c)

Table 77  
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 10-MAR-05  
 Workers only if available - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	WOR	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
7	KABAT1	1	m	a	c	0	18	11	7	14	3.27	( 1.01- 10.62)	
7	KABAT1	2	f	a	c	0	26	31	27	22	0.68	( 0.32- 1.47)	
Subtotal 7											1.09	( 0.57- 2.07)	
8	GARFI2	1	f	a	z	0	34	118	42	135	0.93	( 0.55- 1.55)	
10	WU	1	f	a	e	1	-	-	-	-	1.30	( 0.50- 3.30)	
26	JANERI	1	c	a	e	0	-	-	-	-	0.91	( 0.61- 1.35)	
31	BROWN2	1	f	w	e	2	-	-	-	-	0.98	( 0.74- 1.31)	
35	FONTHA	4	f	w	a	10	-	-	-	-	1.56	( 1.21- 2.02)	
38	KABAT2	1	m	a	e	0	23	65	18	52	1.02	( 0.50- 2.09)	
38	KABAT2	2	f	w	e	0	35	85	23	64	1.15	( 0.62- 2.13)	
Subtotal 38											1.09	( 0.68- 1.74)	
39	SCHWAR	2	c	a	e	2	-	-	-	-	1.50	( 1.00- 2.20)	
*43	CARDEN	1	m	a	e	7	-	-	-	-	1.09	( 0.62- 1.91)	
*43	CARDEN	2	f	a	e	7	-	-	-	-	1.00	( 0.65- 1.54)	
Subtotal 43											1.03	( 0.73- 1.45)	
57	JOHNSO	10	f	a	e	4	-	-	-	-	1.36	( 0.80- 2.31)	
Partial Totals							136	310	117	287			

\*prospective study

Europe

StN	Ref	NRR	SEX	WOR	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
12	LEE	1	m	w	c	0	7	58	3	40	1.61	( 0.39- 6.60)	
12	LEE	2	f	w	c	0	3	45	12	113	0.63	( 0.17- 2.33)	
Subtotal 12											0.97	( 0.37- 2.54)	
27	KALAND	1	f	w	e	0	13	10	52	68	1.70	( 0.69- 4.18)	
46	BOFFET	2	m	a	e	2	-	-	-	-	1.13	( 0.68- 1.86)	
46	BOFFET	4	f	a	e	2	-	-	-	-	1.19	( 0.94- 1.51)	
Subtotal 46											1.18	( 0.95- 1.46)	
48	ZARIDZ	2	f	a	e	2	-	-	-	-	0.88	( 0.55- 1.41)	
49	BOFFE2	28	c	a	e	2	-	-	-	-	1.50	( 0.80- 3.00)	
65	IARCKR	5	m	a	e	0	-	-	-	-	0.50	( 0.20- 1.30)	
65	IARCKR	7	f	a	e	2	-	-	-	-	1.40	( 0.80- 2.20)	
Subtotal 65											1.11	( 0.71- 1.73)	
Partial Totals							23	113	67	221			

\*prospective study

Asia

StN	Ref	NRR	SEX	WOR	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
16	KOO	1	f	a	e	0	9	12	79	125	1.19	( 0.48- 2.95)	
22	SHIMIZ	1	f	a	e	0	35	57	55	106	1.18	( 0.70- 2.01)	
29	WU-WIL	2	f	a	e	5	-	-	-	-	1.06	( 0.80- 1.40)	
40	SUN	1	f	a	e	2	-	-	-	-	1.38	( 0.94- 2.04)	
42	WANGT	1	f	a	e	0	113	115	22	20	0.89	( 0.46- 1.73)	
51	RAPITI	27	c	a	e	3	-	-	-	-	1.10	( 0.30- 4.10)	
53	ZHONG	14	f	a	e	7	-	-	-	-	1.70	( 1.30- 2.30)	
54	LEECH	14	f	a	a	7	-	-	-	-	0.91	( 0.52- 1.62)	
56	WANGL	47	c	a	e	6	-	-	-	-	1.56	( 0.70- 3.30)	
60	OHNO	16	f	a	e	2	-	-	-	-	1.38	( 0.92- 2.05)	
Partial Totals							157	184	156	251			

\*prospective study

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 Within each study, results are included (in the following order of preference) for:  
 1) WOR Working status = workers only (w), all persons (a)  
 2) TIM Time of exposure = ever (e), in adulthood (a), in last 25 years (z), current (c)

Table 77  
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 10-MAR-05  
 Workers only if available - both sexes  
 By continent - adjusted

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	13	9	10		32
	NS	10	6	10		26
	Wt	246.76	138.01	193.40		578.17
	Het Chi	16.05	7.33	8.77		33.28
	Het df	12	8	9		31
	Het P	N.S.	N.S.	N.S.		N.S.
Fixed	RR	1.18	1.15	1.28		1.20
	RRl	1.04	0.97	1.11		1.11
	RRu	1.33	1.36	1.47		1.31
	P	+	(+)	+++		+++
Random	RR	1.16	1.15	1.28		1.20
	RRl	0.99	0.97	1.11		1.10
	RRu	1.35	1.36	1.47		1.31
	P	(+)	(+)	+++		+++
Asymm	P	N.S.	N.S.	N.S.		N.S.
Between	Chi		0.04	0.76		1.13
Between	df		1	1		2
Between	P		N.S.	N.S.	N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) WOR Working status = workers only (w), all persons (a)  
 2) TIM Time of exposure = ever (e), in adulthood (a), in last 25 years (z), current (c)

Table 78  
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 10-MAR-05  
 Workers only if available - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	WOR	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
7	KABAT1	1	m	a	c	0	18	11	7	14	3.27	( 1.01- 10.62)
7	KABAT1	2	f	a	c	0	26	31	27	22	0.68	( 0.32- 1.47)
Subtotal 7											1.09	( 0.57- 2.07)
8	GARFI2	1	f	a	z	0	34	118	42	135	0.93	( 0.55- 1.55)
10	WU	1	f	a	e	1	-	-	-	-	1.30	( 0.50- 3.30)
26	JANERI	1	c	a	e	0	-	-	-	-	0.91	( 0.61- 1.35)
31	BROWN2	2	f	w	e	0	119	445	151	560	0.99	( 0.76- 1.30)
35	FONTHA	3	f	w	a	0	385	756	143	392	1.40	( 1.11- 1.75)
38	KABAT2	1	m	a	e	0	23	65	18	52	1.02	( 0.50- 2.09)
38	KABAT2	2	f	w	e	0	35	85	23	64	1.15	( 0.62- 2.13)
Subtotal 38											1.09	( 0.68- 1.74)
39	SCHWAR	1	c	a	e	0	136	126	121	151	1.35	( 0.96- 1.89)
*43	CARDEN	1	m	a	e	7	-	-	-	-	1.09	( 0.62- 1.91)
*43	CARDEN	2	f	a	e	7	-	-	-	-	1.00	( 0.65- 1.54)
Subtotal 43											1.03	( 0.73- 1.45)
57	JOHNSO	9	f	a	e	0	38	373	33	388	1.20	( 0.74- 1.95)
Partial Totals							814	2010	565	1778		

\*prospective study

Europe

StN	Ref	NRR	SEX	WOR	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
12	LEE	1	m	w	c	0	7	58	3	40	1.61	( 0.39- 6.60)
12	LEE	2	f	w	c	0	3	45	12	113	0.63	( 0.17- 2.33)
Subtotal 12											0.97	( 0.37- 2.54)
27	KALAND	1	f	w	e	0	13	10	52	68	1.70	( 0.69- 4.18)
46	BOFFET	1	m	a	e	0	105	379	36	152	1.17	( 0.77- 1.79)
46	BOFFET	3	f	a	e	0	269	476	240	535	1.26	( 1.02- 1.56)
Subtotal 46											1.24	( 1.03- 1.50)
48	ZARIDZ	1	f	a	e	0	36	67	153	291	1.02	( 0.65- 1.60)
49	BOFFE2	27	c	a	e	0	38	97	31	81	1.02	( 0.59- 1.79)
65	IARCKR	5	m	a	e	0	-	-	-	-	0.50	( 0.20- 1.30)
65	IARCKR	6	f	a	e	0	-	-	-	-	1.10	( 0.70- 1.70)
Subtotal 65											0.95	( 0.64- 1.42)
Partial Totals							471	1132	527	1280		

\*prospective study

Asia

StN	Ref	NRR	SEX	WOR	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
16	KOO	1	f	a	e	0	9	12	79	125	1.19	( 0.48- 2.95)
22	SHIMIZ	1	f	a	e	0	35	57	55	106	1.18	( 0.70- 2.01)
29	WU-WIL	1	f	a	e	0	228	301	187	301	1.22	( 0.95- 1.57)
40	SUN	1	f	a	e	2	-	-	-	-	1.38	( 0.94- 2.04)
42	WANGT	1	f	a	e	0	113	115	22	20	0.89	( 0.46- 1.73)
51	RAPITI	27	c	a	e	3	-	-	-	-	1.10	( 0.30- 4.10)
53	ZHONG	13	f	a	e	0	136	127	368	474	1.38	( 1.05- 1.82)
54	LEECH	13	f	a	a	0	32	45	236	400	1.21	( 0.75- 1.95)
56	WANGL	47	c	a	e	6	-	-	-	-	1.56	( 0.70- 3.30)
60	OHNO	15	f	a	e	0	126	194	65	135	1.35	( 0.93- 1.96)
Partial Totals							679	851	1012	1561		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:  
 1) WOR Working status = workers only (w), all persons (a)  
 2) TIM Time of exposure = ever (e), in adulthood (a), in last 25 years (z), current (c)

Table 78  
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 10-MAR-05  
 Workers only if available - both sexes  
 By continent - unadjusted

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	13	9	10		32
	NS	10	6	10		26
	Wt	278.80	169.96	216.69		665.45
	Het Chi	12.21	5.97	2.26		22.04
	Het df	12	8	9		31
	Het P	N.S.	N.S.	N.S.		N.S.
Fixed	RR	1.15	1.16	1.28		1.19
	RRl	1.02	1.00	1.12		1.10
	RRu	1.29	1.34	1.46		1.28
	P	+	(+)	+++		+++
Random	RR	1.14	1.16	1.28		1.19
	RRl	1.02	1.00	1.12		1.10
	RRu	1.29	1.34	1.46		1.28
	P	+	(+)	+++		+++
Asymm	P	N.S.	N.S.	N.S.		N.S.
Between	Chi		0.01	1.40		1.59
Between	df		1	1		2
Between	P		N.S.	N.S.	N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) WOR Working status = workers only (w), all persons (a)  
 2) TIM Time of exposure = ever (e), in adulthood (a), in last 25 years (z), current (c)



Table 79  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 10-MAR-05  
 All household members if available - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
8	GARFI2	9	f	a	2	0	-	-	-	-	0.91 ( 0.58-	1.42)
10	WU	4	f	p	6	1	-	-	-	-	0.60 ( 0.20-	1.70)
14	GAO	9	f	a	2	2	-	-	-	-	1.10 ( 0.70-	1.70)
16	KOO	11	f	p	6	4	-	-	-	-	0.56 ( 0.21-	1.50)
18	PERSHA	5	f	p	6	2	-	-	-	-	1.00 ( 0.40-	2.30)
25	SVENSS	4	f	m	2	1	-	-	-	-	3.30 ( 0.50-	18.80)
26	JANERI	13	c	a	2	3	-	-	-	-	1.33 ( 0.86-	2.06)
28	SOBUE	4	f	m	6	3	-	-	-	-	1.28 ( 0.71-	2.31)
31	BROWN2	10	f	a	2	2	-	-	-	-	0.80 ( 0.60-	1.10)
32	STOCKW	6	f	b	7	3	-	-	-	-	1.66 ( 0.80-	3.44)
35	FONTHA	18	f	a	2	8	-	-	-	-	0.89 ( 0.72-	1.10)
38	KABAT2	9	m	a	2	0	25	76	15	41	0.90 ( 0.43-	1.89)
38	KABAT2	10	f	a	2	0	47	106	22	81	1.63 ( 0.91-	2.92)
Subtotal	38										1.30 ( 0.82-	2.06)
40	SUN	7	f	a	2	2	-	-	-	-	2.29 ( 1.56-	3.37)
42	WANGT	3	f	a	2	0	80	83	55	52	0.91 ( 0.56-	1.48)
46	BOFFET	28	m	a	2	2	-	-	-	-	0.79 ( 0.52-	1.21)
46	BOFFET	30	f	a	2	2	-	-	-	-	0.77 ( 0.61-	0.98)
Subtotal	46										0.77 ( 0.63-	0.95)
48	ZARIDZ	10	f	f	6	2	-	-	-	-	0.92 ( 0.64-	1.32)
49	BOFFE2	2	c	p	2	2	-	-	-	-	0.60 ( 0.30-	1.20)
51	RAPITI	22	m	a	2	3	-	-	-	-	1.09 ( 0.38-	3.18)
51	RAPITI	16	f	a	2	3	-	-	-	-	12.00 ( 4.30-	32.00)
Subtotal	51										3.87 ( 1.87-	8.03)
53	ZHONG	8	f	a	2	7	-	-	-	-	0.93 ( 0.72-	1.20)
54	LEECH	16	f	a	2	7	-	-	-	-	2.10 ( 1.40-	3.14)
56	WANGL	18	m	a	2	5	-	-	-	-	1.46 ( 0.60-	3.70)
56	WANGL	20	f	a	2	5	-	-	-	-	1.51 ( 1.00-	2.20)
Subtotal	56										1.50 ( 1.05-	2.16)
57	JOHNSO	4	f	a	2	4	-	-	-	-	1.38 ( 0.81-	2.34)
60	OHNO	4	f	m	6	2	-	-	-	-	1.00 ( 0.51-	1.98)
61	RACHTA	2	f	a	2	21	-	-	-	-	3.31 ( 1.26-	8.69)
64	ZATLOU	12	f	a	2	3	-	-	-	-	1.61 ( 1.01-	2.57)
65	IARCKR	8	m	p	2	0	-	-	-	-	0.97 ( 0.40-	2.30)
65	IARCKR	9	f	p	2	0	-	-	-	-	0.90 ( 0.50-	1.40)
Subtotal	65										0.92 ( 0.59-	1.43)
*67	VINEIS	6	c	a	2	6	-	-	-	-	1.57 ( 0.83-	2.95)
Partial Totals							152	265	92	174		

\*prospective study

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	9	f	a	2	0	-0.09	19.17	0.51	0.6797
10	WU	4	f	p	6	1	-0.51	3.36	1.13	0.3494
14	GAO	9	f	a	2	2	0.10	19.52	0.01	0.6737
16	KOO	11	f	p	6	4	-0.58	3.98	1.67	0.2477
18	PERSHA	5	f	p	6	2	0.00	5.02	0.02	1.0000
25	SVENSS	4	f	m	2	1	1.19	1.17	1.48	0.1969
26	JANERI	13	c	a	2	3	0.29	20.14	0.95	0.2006
28	SOBUE	4	f	m	6	3	0.25	11.04	0.35	0.4121
31	BROWN2	10	f	a	2	2	-0.22	41.82	3.55	0.1490
32	STOCKW	6	f	b	7	3	0.51	7.22	1.39	0.1732
35	FONTHA	18	f	a	2	8	-0.12	85.55	2.92	0.2811
38	KABAT2	9	m	a	2	0	-0.11	6.93	0.21	0.7795
38	KABAT2	10	f	a	2	0	0.49	11.30	2.01	0.0995
Subtotal	38						0.25	18.23	2.22	
40	SUN	7	f	a	2	2	0.83	25.90	14.97	0.0000
42	WANGT	3	f	a	2	0	-0.09	16.14	0.42	0.7090
46	BOFFET	28	m	a	2	2	-0.24	21.54	1.99	0.2739
46	BOFFET	30	f	a	2	2	-0.26	68.36	7.43	0.0307
Subtotal	46						-0.63	89.91	9.42	
48	ZARIDZ	10	f	f	6	2	-0.08	29.32	0.67	0.6516
49	BOFFE2	2	c	p	2	2	-0.51	8.00	2.68	0.1486

Within each study, results are included (in the following order of preference) for:

- 1) CHI Childhood exposure = all (a), parents and siblings (b), parents (p), mother (m), father (f)
- 2) UNX Unexposed group = no childhood exposure from specified person (6), no childhood exposure (2), no exposure in childhood/from spouse/from household (7)

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

Table 79  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 10-MAR-05  
 All household members if available - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Ys	Ws	Qs	Ps
51	RAPITI	22	m	a	2	3	0.09	3.40	0.00	0.8737
51	RAPITI	16	f	a	2	3	2.48	3.81	22.27	0.0000
Subtotal		51					2.43	7.22	22.28	
53	ZHONG	8	f	a	2	7	-0.07	58.89	1.17	0.5776
54	LEECH	16	f	a	2	7	0.74	23.55	10.69	0.0003
56	WANGL	18	m	a	2	5	0.38	4.64	0.45	0.4148
56	WANGL	20	f	a	2	5	0.41	24.72	2.92	0.0405
Subtotal		56					0.65	29.36	3.37	
57	JOHNSO	4	f	a	2	4	0.32	13.65	0.88	0.2340
60	OHNO	4	f	m	6	2	0.00	8.35	0.04	1.0000
61	RACHTA	2	f	a	2	21	1.20	4.12	5.25	0.0151
64	ZATLOU	12	f	a	2	3	0.48	17.62	2.93	0.0456
65	IARCKR	8	m	p	2	0	-0.03	5.02	0.05	0.9456
65	IARCKR	9	f	p	2	0	-0.11	14.49	0.44	0.6883
Subtotal		65					-0.27	19.52	0.49	
*67	VINEIS	6	c	a	2	6	0.45	9.55	1.40	0.1632

Relative risks

	N	32
	NS	27
	Wt	597.30
Het	Chi	92.86
Het	df	31
Het	P	***
Fixed	RR	1.07
	RRl	0.99
	RRu	1.16
	P	(+)
Random	RR	1.18
	RRl	1.01
	RRu	1.37
	P	+
Asymm	P	*

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 Within each study, results are included (in the following order of preference) for:

- 1) CHI Childhood exposure = all (a), parents and siblings (b), parents (p), mother (m), father (f)
- 2) UNX Unexposed group = no childhood exposure from specified person (6), no childhood exposure (2), no exposure in childhood/from spouse/from household (7)

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

Table 80  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 10-MAR-05  
 All household members if available - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
8	GARFI2	9	f	a	2	0	-	-	-	-	0.91 ( 0.58- 1.42)	
10	WU	4	f	p	6	1	-	-	-	-	0.60 ( 0.20- 1.70)	
14	GAO	9	f	a	2	2	-	-	-	-	1.10 ( 0.70- 1.70)	
16	KOO	7	f	p	6	0	4	11	84	126	0.55 ( 0.17- 1.77)	
18	PERSHA	5	f	p	6	2	-	-	-	-	1.00 ( 0.40- 2.30)	
25	SVENSS	3	f	m	2	0	3	5	19	98	3.09 ( 0.68- 14.06)	
26	JANERI	8	c	a	2	0	134	123	57	68	1.30 ( 0.85- 2.00)	
28	SOBUE	3	f	m	6	0	17	63	127	668	1.42 ( 0.80- 2.51)	
31	BROWN2	9	f	a	2	0	108	364	323	802	0.74 ( 0.57- 0.95)	
32	STOCKW	6	f	b	7	3	-	-	-	-	1.66 ( 0.80- 3.44)	
35	FONTHA	17	f	a	2	0	377	808	229	430	0.88 ( 0.72- 1.07)	
38	KABAT2	9	m	a	2	0	25	76	15	41	0.90 ( 0.43- 1.89)	
38	KABAT2	10	f	a	2	0	47	106	22	81	1.63 ( 0.91- 2.92)	
Subtotal	38										1.30 ( 0.82- 2.06)	
40	SUN	7	f	a	2	2	-	-	-	-	2.29 ( 1.56- 3.37)	
42	WANGT	3	f	a	2	0	80	83	55	52	0.91 ( 0.56- 1.48)	
46	BOFFET	5	m	a	2	0	75	321	65	201	0.72 ( 0.50- 1.05)	
46	BOFFET	29	f	a	2	0	314	700	187	295	0.71 ( 0.56- 0.89)	
Subtotal	46										0.71 ( 0.59- 0.86)	
48	ZARIDZ	9	f	f	6	0	92	178	97	180	0.96 ( 0.67- 1.36)	
49	BOFFE2	1	c	p	2	0	33	110	32	55	0.52 ( 0.29- 0.92)	
51	RAPITI	21	m	a	2	0	1	14	16	42	0.19 ( 0.02- 1.54)	
51	RAPITI	15	f	a	2	0	30	16	11	51	8.69 ( 3.57- 21.18)	
Subtotal	51										4.87 ( 2.14- 11.05)	
53	ZHONG	7	f	a	2	0	227	270	277	331	1.00 ( 0.79- 1.27)	
54	LEECH	15	f	a	2	0	117	127	151	318	1.94 ( 1.41- 2.66)	
56	WANGL	17	m	a	2	0	20	56	12	58	1.73 ( 0.77- 3.86)	
56	WANGL	19	f	a	2	0	132	247	64	160	1.34 ( 0.93- 1.91)	
Subtotal	56										1.39 ( 1.00- 1.93)	
57	JOHNSO	3	f	a	2	0	48	467	23	294	1.31 ( 0.78- 2.21)	
60	OHNO	3	f	m	6	0	16	28	174	301	0.99 ( 0.52- 1.88)	
61	RACHTA	1	f	a	2	0	17	43	37	208	2.22 ( 1.15- 4.31)	
64	ZATLOU	9	f	a	2	0	46	394	38	495	1.52 ( 0.97- 2.38)	
65	IARCKR	8	m	p	2	0	-	-	-	-	0.97 ( 0.40- 2.30)	
65	IARCKR	9	f	p	2	0	-	-	-	-	0.90 ( 0.50- 1.40)	
Subtotal	65										0.92 ( 0.59- 1.43)	
*67	VINEIS	12	c	a	2	0	27	31018	15	29164	1.69 ( 0.90- 3.18)	
Partial Totals							1990	35628	2130	34519		

\*prospective study

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	9	f	a	2	0	-0.09	19.17	0.37	0.6797
10	WU	4	f	p	6	1	-0.51	3.36	1.04	0.3494
14	GAO	9	f	a	2	2	0.10	19.52	0.05	0.6737
16	KOO	7	f	p	6	0	-0.61	2.77	1.18	0.3129
18	PERSHA	5	f	p	6	2	0.00	5.02	0.01	1.0000
25	SVENSS	3	f	m	2	0	1.13	1.68	1.97	0.1434
26	JANERI	8	c	a	2	0	0.26	20.90	0.98	0.2308
28	SOBUE	3	f	m	6	0	0.35	11.90	1.11	0.2271
31	BROWN2	9	f	a	2	0	-0.31	61.16	7.52	0.0169
32	STOCKW	6	f	b	7	3	0.51	7.22	1.54	0.1732
35	FONTHA	17	f	a	2	0	-0.13	94.50	2.97	0.1986
38	KABAT2	9	m	a	2	0	-0.11	6.93	0.16	0.7795
38	KABAT2	10	f	a	2	0	0.49	11.30	2.24	0.0995
Subtotal	38						0.29	18.23	2.40	
40	SUN	7	f	a	2	2	0.83	25.90	15.90	0.0000
42	WANGT	3	f	a	2	0	-0.09	16.14	0.31	0.7090
46	BOFFET	5	m	a	2	0	-0.33	27.17	3.72	0.0902
46	BOFFET	29	f	a	2	0	-0.35	74.90	11.45	0.0028
Subtotal	46						-0.76	102.07	15.17	
48	ZARIDZ	9	f	f	6	0	-0.04	30.91	0.23	0.8165
49	BOFFE2	1	c	p	2	0	-0.66	11.26	5.64	0.0263

Within each study, results are included (in the following order of preference) for:

- 1) CHI Childhood exposure = all (a), parents and siblings (b), parents (p), mother (m), father (f)
- 2) UNX Unexposed group = no childhood exposure from specified person (6), no childhood exposure (2), no exposure in childhood/from spouse/from household (7)

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

Table 80  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 10-MAR-05  
 All household members if available - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Ys	Ws	Qs	Ps
51	RAPITI	21	m	a	2	0	-1.67	0.86	2.55	0.1198
51	RAPITI	15	f	a	2	0	2.16	4.85	21.73	0.0000
Subtotal	51						0.40	5.71	24.28	
53	ZHONG	7	f	a	2	0	0.00	67.84	0.11	0.9696
54	LEECH	15	f	a	2	0	0.66	38.19	14.57	0.0000
56	WANGL	17	m	a	2	0	0.55	5.94	1.49	0.1835
56	WANGL	19	f	a	2	0	0.29	29.85	1.79	0.1135
Subtotal	56						0.75	35.79	3.27	
57	JOHNSO	3	f	a	2	0	0.27	14.32	0.74	0.3017
60	OHNO	3	f	m	6	0	-0.01	9.32	0.03	0.9718
61	RACHTA	1	f	a	2	0	0.80	8.78	4.98	0.0180
64	ZATLOU	9	f	a	2	0	0.42	19.01	2.66	0.0676
65	IARCKR	8	m	p	2	0	-0.03	5.02	0.03	0.9456
65	IARCKR	9	f	p	2	0	-0.11	14.49	0.33	0.6883
Subtotal	65						-0.23	19.52	0.36	
*67	VINEIS	12	c	a	2	0	0.53	9.65	2.23	0.1022

Relative risks

	N	32
	NS	27
	Wt	679.81
Het	Chi	111.62
Het	df	31
Het	P	***
Fixed	RR	1.05
	RRl	0.97
	RRu	1.13
	P	N.S.
Random	RR	1.15
	RRl	0.98
	RRu	1.35
	P	(+)
Asymm	P	(*)

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 Within each study, results are included (in the following order of preference) for:

- 1) CHI Childhood exposure = all (a), parents and siblings (b), parents (p), mother (m), father (f)
- 2) UNX Unexposed group = no childhood exposure from specified person (6), no childhood exposure (2), no exposure in childhood/from spouse/from household (7)

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

Table 81  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 10-MAR-05  
 All household members if available - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
8	GARFI2	9	f	a	2	0	-	-	-	-	0.91 ( 0.58-	1.42)	
10	WU	4	f	p	6	1	-	-	-	-	0.60 ( 0.20-	1.70)	
26	JANERI	13	c	a	2	3	-	-	-	-	1.33 ( 0.86-	2.06)	
31	BROWN2	10	f	a	2	2	-	-	-	-	0.80 ( 0.60-	1.10)	
32	STOCKW	6	f	b	7	3	-	-	-	-	1.66 ( 0.80-	3.44)	
35	FONTHA	18	f	a	2	8	-	-	-	-	0.89 ( 0.72-	1.10)	
38	KABAT2	9	m	a	2	0	25	76	15	41	0.90 ( 0.43-	1.89)	
38	KABAT2	10	f	a	2	0	47	106	22	81	1.63 ( 0.91-	2.92)	
Subtotal 38											1.30 ( 0.82-	2.06)	
57	JOHNSO	4	f	a	2	4	-	-	-	-	1.38 ( 0.81-	2.34)	
Partial Totals							72	182	37	122			
*prospective study													

Europe

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
18	PERSHA	5	f	p	6	2	-	-	-	-	1.00 ( 0.40-	2.30)	
25	SVENSS	4	f	m	2	1	-	-	-	-	3.30 ( 0.50-	18.80)	
46	BOFFET	28	m	a	2	2	-	-	-	-	0.79 ( 0.52-	1.21)	
46	BOFFET	30	f	a	2	2	-	-	-	-	0.77 ( 0.61-	0.98)	
Subtotal 46											0.77 ( 0.63-	0.95)	
48	ZARIDZ	10	f	f	6	2	-	-	-	-	0.92 ( 0.64-	1.32)	
49	BOFFE2	2	c	p	2	2	-	-	-	-	0.60 ( 0.30-	1.20)	
61	RACHTA	2	f	a	2	21	-	-	-	-	3.31 ( 1.26-	8.69)	
64	ZATLOU	12	f	a	2	3	-	-	-	-	1.61 ( 1.01-	2.57)	
65	IARCKR	8	m	p	2	0	-	-	-	-	0.97 ( 0.40-	2.30)	
65	IARCKR	9	f	p	2	0	-	-	-	-	0.90 ( 0.50-	1.40)	
Subtotal 65											0.92 ( 0.59-	1.43)	
*67	VINEIS	6	c	a	2	6	-	-	-	-	1.57 ( 0.83-	2.95)	
Partial Totals							0	0	0	0			
*prospective study													

Asia

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
14	GAO	9	f	a	2	2	-	-	-	-	1.10 ( 0.70-	1.70)	
16	KOO	11	f	p	6	4	-	-	-	-	0.56 ( 0.21-	1.50)	
28	SOBUE	4	f	m	6	3	-	-	-	-	1.28 ( 0.71-	2.31)	
40	SUN	7	f	a	2	2	-	-	-	-	2.29 ( 1.56-	3.37)	
42	WANGT	3	f	a	2	0	80	83	55	52	0.91 ( 0.56-	1.48)	
51	RAPITI	22	m	a	2	3	-	-	-	-	1.09 ( 0.38-	3.18)	
51	RAPITI	16	f	a	2	3	-	-	-	-	12.00 ( 4.30-	32.00)	
Subtotal 51											3.87 ( 1.87-	8.03)	
53	ZHONG	8	f	a	2	7	-	-	-	-	0.93 ( 0.72-	1.20)	
54	LEECH	16	f	a	2	7	-	-	-	-	2.10 ( 1.40-	3.14)	
56	WANGL	18	m	a	2	5	-	-	-	-	1.46 ( 0.60-	3.70)	
56	WANGL	20	f	a	2	5	-	-	-	-	1.51 ( 1.00-	2.20)	
Subtotal 56											1.50 ( 1.05-	2.16)	
60	OHNO	4	f	m	6	2	-	-	-	-	1.00 ( 0.51-	1.98)	
Partial Totals							80	83	55	52			
*prospective study													

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 Within each study, results are included (in the following order of preference) for:  
 1) CHI Childhood exposure = all (a), parents and siblings (b), parents (p), mother (m), father (f)  
 2) UNX Unexposed group = no childhood exposure from specified person (6), no childhood exposure (2), no exposure in childhood/from spouse/from household (7)  
 Where more than one time period within childhood was available, the index relating to the youngest exposure was used

Table 81  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 10-MAR-05  
 All household members if available - both sexes  
 By continent - adjusted

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	9	11	12		32
	NS	8	9	10		27
	Wt	209.14	184.22	203.94		597.30
	Het Chi	11.91	21.03	45.80		92.86
	Het df	8	10	11		31
	Het P	N.S.	*	***		***
Fixed	RR	0.98	0.94	1.32		1.07
	RRl	0.86	0.81	1.15		0.99
	RRu	1.12	1.08	1.52		1.16
	P	N.S.	N.S.	+++		(+)
Random	RR	1.03	1.03	1.41		1.18
	RRl	0.85	0.81	1.04		1.01
	RRu	1.24	1.32	1.93		1.37
	P	N.S.	N.S.	+		+
Asymm	P	N.S.	(*)	N.S.		*
Between	Chi		0.20	9.32		14.11
Between	df		1	1		2
Between	P		N.S.	++	N.S.	***

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 Within each study, results are included (in the following order of preference) for:  
 1) CHI Childhood exposure = all (a), parents and siblings (b), parents (p), mother (m), father (f)  
 2) UNX Unexposed group = no childhood exposure from specified person (6), no childhood exposure (2), no exposure  
 in childhood/from spouse/from household (7)  
 Where more than one time period within childhood was available, the index relating to the youngest exposure was used

Table 82  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 10-MAR-05  
 All household members if available - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
8	GARFI2	9	f	a	2	0	-	-	-	-	0.91 ( 0.58-	1.42)
10	WU	4	f	p	6	1	-	-	-	-	0.60 ( 0.20-	1.70)
26	JANERI	8	c	a	2	0	134	123	57	68	1.30 ( 0.85-	2.00)
31	BROWN2	9	f	a	2	0	108	364	323	802	0.74 ( 0.57-	0.95)
32	STOCKW	6	f	b	7	3	-	-	-	-	1.66 ( 0.80-	3.44)
35	FONTHA	17	f	a	2	0	377	808	229	430	0.88 ( 0.72-	1.07)
38	KABAT2	9	m	a	2	0	25	76	15	41	0.90 ( 0.43-	1.89)
38	KABAT2	10	f	a	2	0	47	106	22	81	1.63 ( 0.91-	2.92)
Subtotal 38											1.30 ( 0.82-	2.06)
57	JOHNSO	3	f	a	2	0	48	467	23	294	1.31 ( 0.78-	2.21)
Partial Totals							739	1944	669	1716		

\*prospective study

Europe

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
18	PERSHA	5	f	p	6	2	-	-	-	-	1.00 ( 0.40-	2.30)
25	SVENSS	3	f	m	2	0	3	5	19	98	3.09 ( 0.68-	14.06)
46	BOFFET	5	m	a	2	0	75	321	65	201	0.72 ( 0.50-	1.05)
46	BOFFET	29	f	a	2	0	314	700	187	295	0.71 ( 0.56-	0.89)
Subtotal 46											0.71 ( 0.59-	0.86)
48	ZARIDZ	9	f	f	6	0	92	178	97	180	0.96 ( 0.67-	1.36)
49	BOFFE2	1	c	p	2	0	33	110	32	55	0.52 ( 0.29-	0.92)
61	RACHTA	1	f	a	2	0	17	43	37	208	2.22 ( 1.15-	4.31)
64	ZATLOU	9	f	a	2	0	46	394	38	495	1.52 ( 0.97-	2.38)
65	IARCKR	8	m	p	2	0	-	-	-	-	0.97 ( 0.40-	2.30)
65	IARCKR	9	f	p	2	0	-	-	-	-	0.90 ( 0.50-	1.40)
Subtotal 65											0.92 ( 0.59-	1.43)
*67	VINEIS	12	c	a	2	0	27	31018	15	29164	1.69 ( 0.90-	3.18)
Partial Totals							607	32769	490	30696		

\*prospective study

Asia

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
14	GAO	9	f	a	2	2	-	-	-	-	1.10 ( 0.70-	1.70)
16	KOO	7	f	p	6	0	4	11	84	126	0.55 ( 0.17-	1.77)
28	SOBUE	3	f	m	6	0	17	63	127	668	1.42 ( 0.80-	2.51)
40	SUN	7	f	a	2	2	-	-	-	-	2.29 ( 1.56-	3.37)
42	WANGT	3	f	a	2	0	80	83	55	52	0.91 ( 0.56-	1.48)
51	RAPITI	21	m	a	2	0	1	14	16	42	0.19 ( 0.02-	1.54)
51	RAPITI	15	f	a	2	0	30	16	11	51	8.69 ( 3.57-	21.18)
Subtotal 51											4.87 ( 2.14-	11.05)
53	ZHONG	7	f	a	2	0	227	270	277	331	1.00 ( 0.79-	1.27)
54	LEECH	15	f	a	2	0	117	127	151	318	1.94 ( 1.41-	2.66)
56	WANGL	17	m	a	2	0	20	56	12	58	1.73 ( 0.77-	3.86)
56	WANGL	19	f	a	2	0	132	247	64	160	1.34 ( 0.93-	1.91)
Subtotal 56											1.39 ( 1.00-	1.93)
60	OHNO	3	f	m	6	0	16	28	174	301	0.99 ( 0.52-	1.88)
Partial Totals							644	915	971	2107		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:

- 1) CHI Childhood exposure = all (a), parents and siblings (b), parents (p), mother (m), father (f)
- 2) UNX Unexposed group = no childhood exposure from specified person (6), no childhood exposure (2), no exposure in childhood/from spouse/from household (7)

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

Table 82  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 10-MAR-05  
 All household members if available - both sexes  
 By continent - unadjusted

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	9	11	12		32
NS	8	9	10		27
Wt	238.85	207.89	233.07		679.81
Het Chi	14.37	28.15	45.24		111.62
Het df	8	10	11		31
Het P	(*)	**	***		***
Fixed RR	0.93	0.89	1.35		1.05
RRl	0.82	0.78	1.19		0.97
RRu	1.06	1.02	1.54		1.13
P	N.S.	N.S.	+++		N.S.
Random RR	1.01	1.02	1.40		1.15
RRl	0.82	0.78	1.04		0.98
RRu	1.23	1.32	1.88		1.35
P	N.S.	N.S.	+		(+)
Asymm P	N.S.	(*)	N.S.		(*)
Between Chi		0.19	16.51		23.87
Between df		1	1		2
Between P		N.S.	+++	N.S.	***

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 Within each study, results are included (in the following order of preference) for:  
 1) CHI Childhood exposure = all (a), parents and siblings (b), parents (p), mother (m), father (f)  
 2) UNX Unexposed group = no childhood exposure from specified person (6), no childhood exposure (2), no exposure  
 in childhood/from spouse/from household (7)  
 Where more than one time period within childhood was available, the index relating to the youngest exposure was used



Table 83  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 10-MAR-05  
 Mother (specifically) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
25	SVENSS	4	f	m	2	1	-	-	-	-	3.30	( 0.50- 18.80)	
28	SOBUE	4	f	m	6	3	-	-	-	-	1.28	( 0.71- 2.31)	
35	FONTHA	14	f	m	6	8	-	-	-	-	0.86	( 0.62- 1.18)	
46	BOFFET	36	m	m	2	2	-	-	-	-	1.02	( 0.39- 2.68)	
46	BOFFET	38	f	m	2	2	-	-	-	-	0.84	( 0.47- 1.48)	
Subtotal 46											0.88	( 0.54- 1.45)	
49	BOFFE2	6	c	m	2	2	-	-	-	-	0.40	( 0.09- 1.80)	
51	RAPITI	20	f	m	2	3	-	-	-	-	5.60	( 1.00- 32.00)	
54	LEECH	4	f	m	6	7	-	-	-	-	0.90	( 0.32- 2.53)	
60	OHNO	4	f	m	6	2	-	-	-	-	1.00	( 0.51- 1.98)	
Partial Totals							0	0	0	0			

\*prospective study

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Ys	Ws	Qs	Ps
25	SVENSS	4	f	m	2	1	1.19	1.17	1.78	0.1969
28	SOBUE	4	f	m	6	3	0.25	11.04	0.91	0.4121
35	FONTHA	14	f	m	6	8	-0.15	37.10	0.46	0.3583
46	BOFFET	36	m	m	2	2	0.02	4.14	0.01	0.9679
46	BOFFET	38	f	m	2	2	-0.17	11.68	0.21	0.5513
Subtotal 46							-0.08	15.81	0.23	
49	BOFFE2	6	c	m	2	2	-0.92	1.71	1.32	0.2305
51	RAPITI	20	f	m	2	3	1.72	1.28	3.97	0.0514
54	LEECH	4	f	m	6	7	-0.11	3.59	0.02	0.8417
60	OHNO	4	f	m	6	2	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.

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 Within each study, results are included (in the following order of preference) for:  
 1) UNX Unexposed = no childhood exposure from specified person (6), no childhood exposure (2)  
 Values are also shown for: CHI Childhood exposure = mother (m)  
 Where more than one time period within childhood was available, the index relating to the youngest exposure was used

Table 84  
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 10-MAR-05  
 Mother (specifically) - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers		Non-exposed		RR	95.00%CI
							Exposed	Cont	Case	Cont		
25	SVENSS	3	f	m	2	0	3	5	19	98	3.09	( 0.68- 14.06)
28	SOBUE	3	f	m	6	0	17	63	127	668	1.42	( 0.80- 2.51)
35	FONTHA	13	f	m	6	0	76	161	548	1079	0.93	( 0.69- 1.24)
46	BOFFET	35	m	m	2	0	11	26	65	201	1.31	( 0.61- 2.79)
46	BOFFET	37	f	m	2	0	26	54	187	295	0.76	( 0.46- 1.26)
Subtotal 46											0.90	( 0.59- 1.36)
49	BOFFE2	5	c	m	2	0	3	18	32	55	0.29	( 0.08- 1.05)
51	RAPITI	19	f	m	2	0	5	3	11	51	7.73	( 1.60- 37.24)
54	LEECH	3	f	m	6	0	8	9	260	436	1.49	( 0.57- 3.91)
60	OHNO	3	f	m	6	0	16	28	174	301	0.99	( 0.52- 1.88)
Totals							165	367	1423	3184		

\*prospective study

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Ys	Ws	Qs	Ps
25	SVENSS	3	f	m	2	0	1.13	1.68	2.06	0.1434
28	SOBUE	3	f	m	6	0	0.35	11.90	1.28	0.2271
35	FONTHA	13	f	m	6	0	-0.07	45.21	0.42	0.6228
46	BOFFET	35	m	m	2	0	0.27	6.68	0.40	0.4874
46	BOFFET	37	f	m	2	0	-0.28	15.22	1.35	0.2834
Subtotal 46							-0.05	21.90	1.75	
49	BOFFE2	5	c	m	2	0	-1.25	2.28	3.70	0.0590
51	RAPITI	19	f	m	2	0	2.04	1.55	6.35	0.0108
54	LEECH	3	f	m	6	0	0.40	4.13	0.58	0.4174
60	OHNO	3	f	m	6	0	-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.

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 Within each study, results are included (in the following order of preference) for:  
 1) UNX Unexposed = no childhood exposure from specified person (6), no childhood exposure (2)  
 Values are also shown for: CHI Childhood exposure = mother (m)  
 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, 10-MAR-05  
 Mother (specifically) - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
35	FONTHA	14	f	m	6	8	-	-	-	-	0.86	( 0.62- 1.18)
Partial Totals							0	0	0	0		

\*prospective study

Europe

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
25	SVENSS	4	f	m	2	1	-	-	-	-	3.30	( 0.50- 18.80)
46	BOFFET	36	m	m	2	2	-	-	-	-	1.02	( 0.39- 2.68)
46	BOFFET	38	f	m	2	2	-	-	-	-	0.84	( 0.47- 1.48)
Subtotal 46											0.88	( 0.54- 1.45)
49	BOFFE2	6	c	m	2	2	-	-	-	-	0.40	( 0.09- 1.80)
Partial Totals							0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
28	SOBUE	4	f	m	6	3	-	-	-	-	1.28	( 0.71- 2.31)
51	RAPITI	20	f	m	2	3	-	-	-	-	5.60	( 1.00- 32.00)
54	LEECH	4	f	m	6	7	-	-	-	-	0.90	( 0.32- 2.53)
60	OHNO	4	f	m	6	2	-	-	-	-	1.00	( 0.51- 1.98)
Partial Totals							0	0	0	0		

\*prospective study

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	1	4	4		9
	NS	1	3	4		8
	Wt	37.10	18.69	24.27		80.06
	Het Chi	0.00	3.22	3.66		8.69
	Het df	0	3	3		8
	Het P	N.S.	N.S.	N.S.		N.S.
Fixed	RR	0.86	0.89	1.21		0.96
	RRl	0.62	0.57	0.81		0.77
	RRu	1.19	1.40	1.80		1.20
	P	N.S.	N.S.	N.S.		N.S.
Random	RR	0.86	0.90	1.22		0.98
	RRl	0.62	0.55	0.77		0.77
	RRu	1.19	1.47	1.94		1.25
	P	N.S.	N.S.	N.S.		N.S.
Asymm	P		N.S.	N.S.		N.S.
Between	Chi		0.02	1.68		1.81
Between	df		1	1		2
Between	P		N.S.	N.S.	N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) UNX Unexposed = no childhood exposure from specified person (6), no childhood exposure (2)  
 Values are also shown for: CHI Childhood exposure = mother (m)  
 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, 10-MAR-05  
 Mother (specifically) - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
35	FONTHA	13	f	m	6	0	76	161	548	1079	0.93	( 0.69- 1.24)
Totals							76	161	548	1079		

\*prospective study

Europe

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
25	SVENSS	3	f	m	2	0	3	5	19	98	3.09	( 0.68- 14.06)
46	BOFFET	35	m	m	2	0	11	26	65	201	1.31	( 0.61- 2.79)
46	BOFFET	37	f	m	2	0	26	54	187	295	0.76	( 0.46- 1.26)
Subtotal 46											0.90	( 0.59- 1.36)
49	BOFFE2	5	c	m	2	0	3	18	32	55	0.29	( 0.08- 1.05)
Totals							43	103	303	649		

\*prospective study

Asia

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
28	SOBUE	3	f	m	6	0	17	63	127	668	1.42	( 0.80- 2.51)
51	RAPITI	19	f	m	2	0	5	3	11	51	7.73	( 1.60- 37.24)
54	LEECH	3	f	m	6	0	8	9	260	436	1.49	( 0.57- 3.91)
60	OHNO	3	f	m	6	0	16	28	174	301	0.99	( 0.52- 1.88)
Totals							46	103	572	1456		

\*prospective study

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	1	4	4		9
	NS	1	3	4		8
	Wt	45.21	25.85	26.90		97.96
	Het Chi	0.00	6.91	5.68		16.14
	Het df	0	3	3		8
	Het P	N.S.	(*)	N.S.		*
Fixed	RR	0.93	0.88	1.39		1.02
	RRl	0.69	0.60	0.95		0.84
	RRu	1.24	1.29	2.03		1.25
	P	N.S.	N.S.	(+)		N.S.
Random	RR	0.93	0.92	1.53		1.12
	RRl	0.69	0.46	0.86		0.80
	RRu	1.24	1.84	2.69		1.57
	P	N.S.	N.S.	N.S.		N.S.
Asymm	P		N.S.	N.S.		N.S.
Between	Chi		0.05	2.74		3.56
Between	df		1	1		2
Between	P		N.S.	(+)	N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) UNX Unexposed = no childhood exposure from specified person (6), no childhood exposure (2)  
 Values are also shown for: CHI Childhood exposure = mother (m)  
 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, 10-MAR-05  
 Father (specifically) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers		Non-exposed		RR	95.00%CI	
							Exposed Case	Cont	Case	Cont			
25	SVENSS	8	f	f	2	1	-	-	-	-	0.90	( 0.40- 2.30)	
28	SOBUE	6	f	f	6	1	-	-	-	-	0.79	( 0.52- 1.21)	
35	FONTHA	12	f	f	6	8	-	-	-	-	0.83	( 0.67- 1.02)	
46	BOFFET	40	m	f	2	2	-	-	-	-	0.75	( 0.48- 1.17)	
46	BOFFET	42	f	f	2	2	-	-	-	-	0.75	( 0.59- 0.96)	
Subtotal 46											0.75	( 0.61- 0.93)	
48	ZARIDZ	10	f	f	6	2	-	-	-	-	0.92	( 0.64- 1.32)	
49	BOFFE2	4	c	f	2	2	-	-	-	-	0.70	( 0.30- 1.30)	
51	RAPITI	24	m	f	2	3	-	-	-	-	1.07	( 0.36- 3.21)	
51	RAPITI	18	f	f	2	3	-	-	-	-	17.00	( 5.70- 47.00)	
Subtotal 51											4.49	( 2.10- 9.58)	
54	LEECH	2	f	f	6	7	-	-	-	-	1.22	( 0.85- 1.74)	
60	OHNO	2	f	f	6	2	-	-	-	-	1.12	( 0.75- 1.67)	
Partial Totals							0	0	0	0			

\*prospective study

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Ys	Ws	Qs	Ps
25	SVENSS	8	f	f	2	1	-0.11	5.02	0.00	0.8133
28	SOBUE	6	f	f	6	1	-0.24	21.54	0.34	0.2739
35	FONTHA	12	f	f	6	8	-0.19	86.99	0.51	0.0822
46	BOFFET	40	m	f	2	2	-0.29	19.36	0.61	0.2056
46	BOFFET	42	f	f	2	2	-0.29	64.84	2.05	0.0205
Subtotal 46							-0.36	84.20	2.66	
48	ZARIDZ	10	f	f	6	2	-0.08	29.32	0.02	0.6516
49	BOFFE2	4	c	f	2	2	-0.36	7.15	0.44	0.3403
51	RAPITI	24	m	f	2	3	0.07	3.21	0.10	0.9035
51	RAPITI	18	f	f	2	3	2.83	3.45	29.90	0.0000
Subtotal 51							3.12	6.66	30.00	
54	LEECH	2	f	f	6	7	0.20	29.94	2.85	0.2766
60	OHNO	2	f	f	6	2	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
RR1	0.80
RRu	1.00
P	(-)
Random RR	1.00
RR1	0.78
RRu	1.29
P	N.S.
Asymm P	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:

1) UNX Unexposed = no childhood exposure from specified person (6), no childhood exposure (2)

Values are also shown for: CHI Childhood exposure = father (f)

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, 10-MAR-05  
 Father (specifically) - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers		Non-exposed		RR	95.00%CI
							Exposed Case	Cont	Case	Cont		
25	SVENSS	7	f	f	2	0	12	71	19	98	0.87	( 0.40- 1.91)
28	SOBUE	5	f	f	6	0	109	588	35	143	0.76	( 0.50- 1.16)
35	FONTHA	11	f	f	6	0	304	669	299	556	0.84	( 0.70- 1.03)
46	BOFFET	39	m	f	2	0	62	275	65	201	0.70	( 0.47- 1.03)
46	BOFFET	41	f	f	2	0	271	623	187	295	0.69	( 0.54- 0.87)
Subtotal 46											0.69	( 0.56- 0.84)
48	ZARIDZ	9	f	f	6	0	92	178	97	180	0.96	( 0.67- 1.36)
49	BOFFE2	3	c	f	2	0	33	101	32	55	0.56	( 0.31- 1.01)
51	RAPITI	23	m	f	2	0	1	13	16	42	0.20	( 0.02- 1.67)
51	RAPITI	17	f	f	2	0	30	11	11	51	12.64	( 4.89- 32.68)
Subtotal 51											6.31	( 2.65- 15.01)
54	LEECH	1	f	f	6	0	132	200	136	245	1.19	( 0.88- 1.61)
60	OHNO	1	f	f	6	0	115	195	70	131	1.10	( 0.76- 1.60)
Totals							1161	2924	967	1997		

\*prospective study

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Ys	Ws	Qs	Ps
25	SVENSS	7	f	f	2	0	-0.14	6.24	0.00	0.7317
28	SOBUE	5	f	f	6	0	-0.28	21.53	0.41	0.1972
35	FONTHA	11	f	f	6	0	-0.17	100.73	0.08	0.0909
46	BOFFET	39	m	f	2	0	-0.36	24.92	1.21	0.0717
46	BOFFET	41	f	f	2	0	-0.38	71.26	3.97	0.0015
Subtotal 46							-0.46	96.18	5.18	
48	ZARIDZ	9	f	f	6	0	-0.04	30.91	0.30	0.8165
49	BOFFE2	3	c	f	2	0	-0.58	11.16	2.13	0.0539
51	RAPITI	23	m	f	2	0	-1.60	0.86	1.83	0.1380
51	RAPITI	17	f	f	2	0	2.54	4.26	30.54	0.0000
Subtotal 51							1.22	5.12	32.37	
54	LEECH	1	f	f	6	0	0.17	41.65	4.09	0.2640
60	OHNO	1	f	f	6	0	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
RR1	0.78
RRu	0.97
P	--
Random RR	0.94
RR1	0.72
RRu	1.22
P	N.S.
Asymm P	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) UNX Unexposed = no childhood exposure from specified person (6), no childhood exposure (2)  
 Values are also shown for: CHI Childhood exposure = father (f)  
 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, 10-MAR-05  
 Father (specifically) - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
35	FONTHA	12	f	f	6	8	-	-	-	-	0.83	( 0.67- 1.02)
Partial Totals							0	0	0	0		

\*prospective study

Europe

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
25	SVENSS	8	f	f	2	1	-	-	-	-	0.90	( 0.40- 2.30)
46	BOFFET	40	m	f	2	2	-	-	-	-	0.75	( 0.48- 1.17)
46	BOFFET	42	f	f	2	2	-	-	-	-	0.75	( 0.59- 0.96)
Subtotal 46											0.75	( 0.61- 0.93)
48	ZARIDZ	10	f	f	6	2	-	-	-	-	0.92	( 0.64- 1.32)
49	BOFFE2	4	c	f	2	2	-	-	-	-	0.70	( 0.30- 1.30)
Partial Totals							0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
28	SOBUE	6	f	f	6	1	-	-	-	-	0.79	( 0.52- 1.21)
51	RAPITI	24	m	f	2	3	-	-	-	-	1.07	( 0.36- 3.21)
51	RAPITI	18	f	f	2	3	-	-	-	-	17.00	( 5.70- 47.00)
Subtotal 51											4.49	( 2.10- 9.58)
54	LEECH	2	f	f	6	7	-	-	-	-	1.22	( 0.85- 1.74)
60	OHNO	2	f	f	6	2	-	-	-	-	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 included (in the following order of preference) for:  
 1) UNX Unexposed = no childhood exposure from specified person (6), no childhood exposure (2)  
 Values are also shown for: CHI Childhood exposure = father (f)  
 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, 10-MAR-05  
 Father (specifically) - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
35	FONTHA	11	f	f	6	0	304	669	299	556	0.84	( 0.70- 1.03)
Totals							304	669	299	556		

\*prospective study

Europe

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
25	SVENSS	7	f	f	2	0	12	71	19	98	0.87	( 0.40- 1.91)
46	BOFFET	39	m	f	2	0	62	275	65	201	0.70	( 0.47- 1.03)
46	BOFFET	41	f	f	2	0	271	623	187	295	0.69	( 0.54- 0.87)
Subtotal 46											0.69	( 0.56- 0.84)
48	ZARIDZ	9	f	f	6	0	92	178	97	180	0.96	( 0.67- 1.36)
49	BOFFE2	3	c	f	2	0	33	101	32	55	0.56	( 0.31- 1.01)
Totals							470	1248	400	829		

\*prospective study

Asia

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
28	SOBUE	5	f	f	6	0	109	588	35	143	0.76	( 0.50- 1.16)
51	RAPITI	23	m	f	2	0	1	13	16	42	0.20	( 0.02- 1.67)
51	RAPITI	17	f	f	2	0	30	11	11	51	12.64	( 4.89- 32.68)
Subtotal 51											6.31	( 2.65- 15.01)
54	LEECH	1	f	f	6	0	132	200	136	245	1.19	( 0.88- 1.61)
60	OHNO	1	f	f	6	0	115	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 included (in the following order of preference) for:  
 1) UNX Unexposed = no childhood exposure from specified person (6), no childhood exposure (2)  
 Values are also shown for: CHI Childhood exposure = father (f)  
 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, 10-MAR-05  
 Parents (specifically) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
10	WU	4	f	p	6	1	-	-	-	-	0.60 ( 0.20-	1.70)	
16	KOO	11	f	p	6	4	-	-	-	-	0.56 ( 0.21-	1.50)	
18	PERSHA	5	f	p	6	2	-	-	-	-	1.00 ( 0.40-	2.30)	
31	BROWN2	12	f	p	6	2	-	-	-	-	0.70 ( 0.50-	0.90)	
49	BOFFE2	2	c	p	2	2	-	-	-	-	0.60 ( 0.30-	1.20)	
65	IARCKR	8	m	p	2	0	-	-	-	-	0.97 ( 0.40-	2.30)	
65	IARCKR	9	f	p	2	0	-	-	-	-	0.90 ( 0.50-	1.40)	
Subtotal 65											0.92 ( 0.59-	1.43)	
Partial Totals							0	0	0	0			
*prospective study													

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Ys	Ws	Qs	Ps
10	WU	4	f	p	6	1	-0.51	3.36	0.14	0.3494
16	KOO	11	f	p	6	4	-0.58	3.98	0.30	0.2477
18	PERSHA	5	f	p	6	2	0.00	5.02	0.46	1.0000
31	BROWN2	12	f	p	6	2	-0.36	44.48	0.12	0.0174
49	BOFFE2	2	c	p	2	2	-0.51	8.00	0.34	0.1486
65	IARCKR	8	m	p	2	0	-0.03	5.02	0.38	0.9456
65	IARCKR	9	f	p	2	0	-0.11	14.49	0.57	0.6883
Subtotal 65							0.47	19.52	0.95	

Relative risks

N	7
NS	6
Wt	84.34
Het Chi	2.32
Het df	6
Het P	N.S.
Fixed RR	0.74
RRl	0.60
RRu	0.91
P	--
Random RR	0.74
RRl	0.60
RRu	0.91
P	--
Asymm P	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) UNX Unexposed = no childhood exposure from specified person (6), no childhood exposure (2)  
 Values are also shown for: CHI Childhood exposure = parents (p)  
 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, 10-MAR-05  
 Parents (specifically) - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
10	WU	4	f	p	6	1	-	-	-	-	0.60 ( 0.20-	1.70)	
16	KOO	7	f	p	6	0	4	11	84	126	0.55 ( 0.17-	1.77)	
18	PERSHA	5	f	p	6	2	-	-	-	-	1.00 ( 0.40-	2.30)	
31	BROWN2	11	f	p	6	0	74	289	357	877	0.63 ( 0.47-	0.84)	
49	BOFFE2	1	c	p	2	0	33	110	32	55	0.52 ( 0.29-	0.92)	
65	IARCKR	8	m	p	2	0	-	-	-	-	0.97 ( 0.40-	2.30)	
65	IARCKR	9	f	p	2	0	-	-	-	-	0.90 ( 0.50-	1.40)	
Subtotal 65											0.92 ( 0.59-	1.43)	
Partial Totals							111	410	473	1058			

\*prospective study

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Ys	Ws	Qs	Ps
10	WU	4	f	p	6	1	-0.51	3.36	0.05	0.3494
16	KOO	7	f	p	6	0	-0.61	2.77	0.13	0.3129
18	PERSHA	5	f	p	6	2	0.00	5.02	0.75	1.0000
31	BROWN2	11	f	p	6	0	-0.46	47.81	0.28	0.0013
49	BOFFE2	1	c	p	2	0	-0.66	11.26	0.86	0.0263
65	IARCKR	8	m	p	2	0	-0.03	5.02	0.64	0.9456
65	IARCKR	9	f	p	2	0	-0.11	14.49	1.15	0.6883
Subtotal 65							0.64	19.52	1.78	

Relative risks

N	7
NS	6
Wt	89.74
Het Chi	3.86
Het df	6
Het P	N.S.
Fixed RR	0.68
RRl	0.55
RRu	0.84
P	---
Random RR	0.68
RRl	0.55
RRu	0.84
P	---
Asymm P	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) UNX Unexposed = no childhood exposure from specified person (6), no childhood exposure (2)  
 Values are also shown for: CHI Childhood exposure = parents (p)  
 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, 10-MAR-05  
 Parents (specifically) - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
10	WU	4	f	p	6	1	-	-	-	-	0.60	( 0.20- 1.70)
31	BROWN2	12	f	p	6	2	-	-	-	-	0.70	( 0.50- 0.90)
Partial Totals							0	0	0	0		

\*prospective study

Europe

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
18	PERSHA	5	f	p	6	2	-	-	-	-	1.00	( 0.40- 2.30)
49	BOFFE2	2	c	p	2	2	-	-	-	-	0.60	( 0.30- 1.20)
65	IARCKR	8	m	p	2	0	-	-	-	-	0.97	( 0.40- 2.30)
65	IARCKR	9	f	p	2	0	-	-	-	-	0.90	( 0.50- 1.40)
Subtotal 65											0.92	( 0.59- 1.43)
Partial Totals							0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
16	KOO	11	f	p	6	4	-	-	-	-	0.56	( 0.21- 1.50)
Partial Totals							0	0	0	0		

\*prospective study

Relative risks		NAmerica	Europe	Asia	Other	Total
	N	2	4	1		7
	NS	2	3	1		6
	Wt	47.83	32.53	3.98		84.34
	Het Chi	0.07	1.23	0.00		2.32
	Het df	1	3	0		6
	Het P	N.S.	N.S.	N.S.		N.S.
Fixed	RR	0.69	0.84	0.56		0.74
	RRl	0.52	0.59	0.21		0.60
	RRu	0.92	1.18	1.50		0.91
	P	-	N.S.	N.S.		--
Random	RR	0.69	0.84	0.56		0.74
	RRl	0.52	0.59	0.21		0.60
	RRu	0.92	1.18	1.50		0.91
	P	-	N.S.	N.S.		--
Asymm	P		N.S.			N.S.
Between	Chi		0.70	0.17		1.02
Between	df		1	1		2
Between	P		N.S.	N.S.	N.S.	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) UNX Unexposed = no childhood exposure from specified person (6), no childhood exposure (2)  
 Values are also shown for: CHI Childhood exposure = parents (p)  
 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, 10-MAR-05  
 Parents (specifically) - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
10	WU	4	f	p	6	1	-	-	-	-	0.60 ( 0.20-	1.70)
31	BROWN2	11	f	p	6	0	74	289	357	877	0.63 ( 0.47-	0.84)
Partial Totals							74	289	357	877		

\*prospective study

Europe

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
18	PERSHA	5	f	p	6	2	-	-	-	-	1.00 ( 0.40-	2.30)
49	BOFFE2	1	c	p	2	0	33	110	32	55	0.52 ( 0.29-	0.92)
65	IARCKR	8	m	p	2	0	-	-	-	-	0.97 ( 0.40-	2.30)
65	IARCKR	9	f	p	2	0	-	-	-	-	0.90 ( 0.50-	1.40)
Subtotal 65											0.92 ( 0.59-	1.43)
Partial Totals							33	110	32	55		

\*prospective study

Asia

StN	Ref	NRR	SEX	CHI	UNX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
16	KOO	7	f	p	6	0	4	11	84	126	0.55 ( 0.17-	1.77)
Totals							4	11	84	126		

\*prospective study

Relative risks		NAmerica	Europe	Asia	Other	Total
	N	2	4	1		7
	NS	2	3	1		6
	Wt	51.17	35.80	2.77		89.74
	Het Chi	0.01	2.77	0.00		3.86
	Het df	1	3	0		6
	Het P	N.S.	N.S.	N.S.		N.S.
Fixed	RR	0.63	0.77	0.55		0.68
	RRl	0.48	0.56	0.17		0.55
	RRu	0.82	1.08	1.77		0.84
	P	---	N.S.	N.S.		---
Random	RR	0.63	0.77	0.55		0.68
	RRl	0.48	0.56	0.17		0.55
	RRu	0.82	1.08	1.77		0.84
	P	---	N.S.	N.S.		---
Asymm	P		N.S.			N.S.
Between	Chi		0.94	0.05		1.08
Between	df		1	1		2
Between	P		N.S.	N.S.	N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) UNX Unexposed = no childhood exposure from specified person (6), no childhood exposure (2)  
 Values are also shown for: CHI Childhood exposure = parents (p)  
 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 Household Exposure, 10-MAR-05  
 Mother where no more comprehensive index available - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
5	BUFFLE	1	m	a	e	0	5	56	6	34	0.51 ( 0.14-	1.79)	
5	BUFFLE	2	f	a	e	0	33	164	8	32	0.80 ( 0.34-	1.90)	
Subtotal 5											0.69 ( 0.34-	1.41)	
7	KABAT1	5	m	a	c	0	6	5	19	20	1.26 ( 0.33-	4.84)	
7	KABAT1	6	f	a	c	0	16	17	37	36	0.92 ( 0.40-	2.08)	
Subtotal 7											1.00 ( 0.50-	2.02)	
8	GARFI2	10	f	a	z	0	73	204	42	135	1.15 ( 0.74-	1.78)	
12	LEE	13	m	a	c	0	3	32	9	101	1.05 ( 0.27-	4.12)	
12	LEE	14	f	a	c	0	11	126	21	192	0.80 ( 0.37-	1.71)	
Subtotal 12											0.85 ( 0.44-	1.66)	
14	GAO	10	f	a	e	2	-	-	-	-	0.90 ( 0.60-	1.40)	
16	KOO	13	f	a	e	4	-	-	-	-	1.47 ( 0.56-	3.82)	
22	SHIMIZ	4	f	m	e	0	10	5	80	158	3.95 ( 1.31-	11.95)	
*24	HOLE	3	c	b	e	2	-	-	-	-	2.41 ( 0.45-	12.83)	
26	JANERI	11	c	a	e	3	-	-	-	-	1.05 ( 0.62-	1.77)	
27	KALAND	7	f	x	e	0	75	92	15	26	1.41 ( 0.70-	2.86)	
29	WU-WIL	6	f	a	e	0	343	515	74	87	0.78 ( 0.56-	1.10)	
30	LIUZ	2	f	a	c	3	-	-	-	-	0.77 ( 0.30-	1.96)	
31	BROWN2	14	f	a	a	2	-	-	-	-	1.10 ( 0.80-	1.30)	
32	STOCKW	7	f	a	e	3	-	-	-	-	1.60 ( 0.84-	3.04)	
35	FONTHA	20	f	a	a	8	-	-	-	-	1.23 ( 0.96-	1.57)	
38	KABAT2	17	m	a	a	3	-	-	-	-	1.75 ( 0.63-	4.88)	
38	KABAT2	18	f	a	a	3	-	-	-	-	1.22 ( 0.66-	2.27)	
Subtotal 38											1.34 ( 0.79-	2.28)	
39	SCHWAR	8	c	a	e	2	-	-	-	-	1.10 ( 0.80-	1.60)	
40	SUN	8	f	m	e	2	-	-	-	-	2.05 ( 1.29-	3.27)	
*43	CARDEN	17	m	a	c	7	-	-	-	-	0.63 ( 0.23-	1.76)	
*43	CARDEN	18	f	a	c	7	-	-	-	-	0.84 ( 0.55-	1.27)	
Subtotal 43											0.81 ( 0.55-	1.19)	
44	ZHENG	1	m	a	e	0	8	12	17	17	0.67 ( 0.22-	2.04)	
44	ZHENG	2	f	a	e	0	62	179	7	51	2.52 ( 1.09-	5.85)	
Subtotal 44											1.56 ( 0.80-	3.06)	
46	BOFFET	44	m	a	e	2	-	-	-	-	1.45 ( 0.91-	2.33)	
46	BOFFET	46	f	a	e	2	-	-	-	-	1.01 ( 0.79-	1.29)	
Subtotal 46											1.09 ( 0.88-	1.36)	
48	ZARIDZ	12	f	x	e	2	-	-	-	-	0.91 ( 0.58-	1.42)	
53	ZHONG	20	f	a	e	7	-	-	-	-	1.08 ( 0.82-	1.41)	
54	LEECH	10	f	q	a	7	-	-	-	-	0.80 ( 0.51-	1.24)	
56	WANGL	2	m	a	e	4	-	-	-	-	1.22 ( 0.50-	3.30)	
56	WANGL	4	f	a	e	4	-	-	-	-	1.15 ( 0.60-	2.10)	
Subtotal 56											1.17 ( 0.69-	1.97)	
57	JOHNSO	8	f	a	e	4	-	-	-	-	1.20 ( 0.62-	2.30)	
58	LAGARD	6	c	a	a	6	-	-	-	-	1.15 ( 0.91-	1.45)	
*59	NISHIN	6	f	a	c	1	-	-	-	-	0.87 ( 0.37-	2.01)	
62	SEOW	1	f	a	e	0	91	300	85	362	1.29 ( 0.93-	1.80)	
66	MCGHEE	1	m	a	p	2	-	-	-	-	1.34 ( 0.82-	2.17)	
66	MCGHEE	2	f	a	p	2	-	-	-	-	1.38 ( 0.94-	2.04)	
Subtotal 66											1.36 ( 1.01-	1.85)	
Partial Totals							736	1707	420	1251			
*prospective study													

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 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all household members (a), all except spouse (x), mother (m),  
 father-in-law (q), other attending screening (b)  
 2) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), current (c),

Table 95  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Mother where no more comprehensive index available - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Ys	Ws	Qs	Ps
5	BUFFLE	1	m	a	e	0	-0.68	2.42	1.51	0.2896
5	BUFFLE	2	f	a	e	0	-0.22	5.19	0.56	0.6209
Subtotal 5							-1.12	7.61	2.07	
7	KABAT1	5	m	a	c	0	0.23	2.13	0.03	0.7331
7	KABAT1	6	f	a	c	0	-0.09	5.68	0.22	0.8339
Subtotal 7							-0.08	7.81	0.26	
8	GARFI2	10	f	a	z	0	0.14	20.07	0.02	0.5307
12	LEE	13	m	a	c	0	0.05	2.06	0.01	0.9419
12	LEE	14	f	a	c	0	-0.23	6.59	0.74	0.5627
Subtotal 12							-0.40	8.65	0.75	
14	GAO	10	f	a	e	2	-0.11	21.40	1.00	0.6259
16	KOO	13	f	a	e	4	0.39	4.17	0.31	0.4316
22	SHIMIZ	4	f	m	e	0	1.37	3.14	5.01	0.0150
*24	HOLE	3	c	b	e	2	0.88	1.37	0.81	0.3034
26	JANERI	11	c	a	e	3	0.05	13.96	0.05	0.8553
27	KALAND	7	f	x	e	0	0.35	7.73	0.43	0.3363
29	WU-WIL	6	f	a	e	0	-0.24	33.48	4.22	0.1570
30	LIUZ	2	f	a	c	3	-0.26	4.36	0.60	0.5852
31	BROWN2	14	f	a	a	2	0.10	65.19	0.01	0.4416
32	STOCKW	7	f	a	e	3	0.47	9.29	1.20	0.1520
35	FONTHA	20	f	a	a	8	0.21	63.50	0.59	0.0990
38	KABAT2	17	m	a	a	3	0.56	3.66	0.74	0.2828
38	KABAT2	18	f	a	a	3	0.20	10.02	0.08	0.5296
Subtotal 38							0.54	13.68	0.82	
39	SCHWAR	8	c	a	e	2	0.10	31.98	0.01	0.5899
40	SUN	8	f	m	e	2	0.72	17.76	6.55	0.0025
*43	CARDEN	17	m	a	c	7	-0.46	3.71	1.22	0.3735
*43	CARDEN	18	f	a	c	7	-0.17	21.94	1.78	0.4141
Subtotal 43							-0.86	25.65	3.00	
44	ZHENG	1	m	a	e	0	-0.41	3.07	0.82	0.4776
44	ZHENG	2	f	a	e	0	0.93	5.43	3.61	0.0310
Subtotal 44							0.30	8.50	4.42	
46	BOFFET	44	m	a	e	2	0.37	17.38	1.19	0.1213
46	BOFFET	46	f	a	e	2	0.01	63.90	0.64	0.9366
Subtotal 46							0.16	81.29	1.83	
48	ZARIDZ	12	f	x	e	2	-0.09	19.17	0.80	0.6797
53	ZHONG	20	f	a	e	7	0.08	52.30	0.06	0.5778
54	LEECH	10	f	q	a	7	-0.22	19.47	2.17	0.3249
56	WANGL	2	m	a	e	4	0.20	4.31	0.03	0.6796
56	WANGL	4	f	a	e	4	0.14	9.79	0.01	0.6619
Subtotal 56							0.12	14.11	0.04	
57	JOHNSO	8	f	a	e	4	0.18	8.94	0.05	0.5856
58	LAGARD	6	c	a	a	6	0.14	70.80	0.06	0.2396
*59	NISHIN	6	f	a	c	1	-0.14	5.36	0.33	0.7470
62	SEOW	1	f	a	e	0	0.26	34.66	0.74	0.1317
66	MCGHEE	1	m	a	p	2	0.29	16.22	0.54	0.2385
66	MCGHEE	2	f	a	p	2	0.32	25.59	1.15	0.1032
Subtotal 66							0.39	41.82	1.69	

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 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all household members (a), all except spouse (x), mother (m),  
 father-in-law (q), other attending screening (b)  
 2) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), current (c),

Table 95  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Mother where no more comprehensive index available - both sexes  
 Overall analysis - adjusted

Relative risks

	N	39
	NS	30
	Wt	717.22
Het	Chi	39.90
Het	df	38
Het	P	N.S.
Fixed	RR	1.12
	RRl	1.04
	RRu	1.20
	P	++
Random	RR	1.12
	RRl	1.03
	RRu	1.21
	P	++
Asymm	P	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all household members (a), all except spouse (x), mother (m),  
 father-in-law (q), other attending screening (b)  
 2) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), current (c),

Table 96  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Mother where no more comprehensive index available - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
5	BUFFLE	1	m	a	e	0	5	56	6	34	0.51 ( 0.14-	1.79)	
5	BUFFLE	2	f	a	e	0	33	164	8	32	0.80 ( 0.34-	1.90)	
Subtotal 5											0.69 ( 0.34-	1.41)	
7	KABAT1	5	m	a	c	0	6	5	19	20	1.26 ( 0.33-	4.84)	
7	KABAT1	6	f	a	c	0	16	17	37	36	0.92 ( 0.40-	2.08)	
Subtotal 7											1.00 ( 0.50-	2.02)	
8	GARFI2	10	f	a	z	0	73	204	42	135	1.15 ( 0.74-	1.78)	
12	LEE	13	m	a	c	0	3	32	9	101	1.05 ( 0.27-	4.12)	
12	LEE	14	f	a	c	0	11	126	21	192	0.80 ( 0.37-	1.71)	
Subtotal 12											0.85 ( 0.44-	1.66)	
14	GAO	10	f	a	e	2	-	-	-	-	0.90 ( 0.60-	1.40)	
16	KOO	12	f	a	e	0	61	88	27	49	1.26 ( 0.71-	2.23)	
22	SHIMIZ	4	f	m	e	0	10	5	80	158	3.95 ( 1.31-	11.95)	
*24	HOLE	1	m	b	e	0	2	243	1	428	3.52 ( 0.32-	38.65)	
*24	HOLE	2	f	b	e	0	5	1295	1	489	1.89 ( 0.22-	16.12)	
Subtotal 24											2.49 ( 0.50-	12.31)	
26	JANERI	7	c	a	e	0	159	158	32	33	1.04 ( 0.61-	1.77)	
27	KALAND	7	f	x	e	0	75	92	15	26	1.41 ( 0.70-	2.86)	
29	WU-WIL	6	f	a	e	0	343	515	74	87	0.78 ( 0.56-	1.10)	
30	LIUZ	1	f	a	c	0	45	176	9	26	0.74 ( 0.32-	1.69)	
31	BROWN2	13	f	a	a	0	261	696	170	470	1.04 ( 0.83-	1.30)	
32	STOCKW	7	f	a	e	3	-	-	-	-	1.60 ( 0.84-	3.04)	
35	FONTHA	19	f	a	a	0	509	941	144	312	1.17 ( 0.94-	1.47)	
38	KABAT2	13	m	a	a	0	13	34	28	83	1.13 ( 0.53-	2.45)	
38	KABAT2	14	f	a	a	0	43	119	26	68	0.95 ( 0.53-	1.67)	
Subtotal 38											1.01 ( 0.64-	1.59)	
39	SCHWAR	7	c	a	e	0	172	175	85	102	1.18 ( 0.83-	1.68)	
40	SUN	8	f	m	e	2	-	-	-	-	2.05 ( 1.29-	3.27)	
*43	CARDEN	17	m	a	c	7	-	-	-	-	0.63 ( 0.23-	1.76)	
*43	CARDEN	18	f	a	c	7	-	-	-	-	0.84 ( 0.55-	1.27)	
Subtotal 43											0.81 ( 0.55-	1.19)	
44	ZHENG	1	m	a	e	0	8	12	17	17	0.67 ( 0.22-	2.04)	
44	ZHENG	2	f	a	e	0	62	179	7	51	2.52 ( 1.09-	5.85)	
Subtotal 44											1.56 ( 0.80-	3.06)	
46	BOFFET	43	m	a	e	0	41	125	100	405	1.33 ( 0.88-	2.01)	
46	BOFFET	45	f	a	e	0	347	698	160	312	0.97 ( 0.77-	1.22)	
Subtotal 46											1.04 ( 0.85-	1.28)	
48	ZARIDZ	11	f	x	e	0	38	73	151	285	0.98 ( 0.63-	1.52)	
53	ZHONG	19	f	a	e	0	322	377	182	224	1.05 ( 0.82-	1.34)	
54	LEECH	9	f	q	a	0	51	93	217	352	0.89 ( 0.61-	1.30)	
56	WANGL	1	m	a	e	0	24	72	8	42	1.75 ( 0.72-	4.24)	
56	WANGL	3	f	a	e	0	176	364	20	43	1.04 ( 0.59-	1.82)	
Subtotal 56											1.21 ( 0.75-	1.94)	
57	JOHNSO	7	f	a	e	0	54	543	17	218	1.28 ( 0.72-	2.25)	
58	LAGARD	5	c	a	a	0	179	611	254	997	1.15 ( 0.93-	1.43)	
*59	NISHIN	5	f	a	c	0	14	47679	10	26248	0.77 ( 0.34-	1.73)	
62	SEOW	1	f	a	e	0	91	300	85	362	1.29 ( 0.93-	1.80)	
66	MCGHEE	5	m	a	p	0	33	71	112	347	1.44 ( 0.90-	2.29)	
66	MCGHEE	6	f	a	p	0	96	150	83	195	1.50 ( 1.05-	2.16)	
Subtotal 66											1.48 ( 1.11-	1.97)	
Partial Totals							3381	56488	2257	32979			
*prospective study													

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 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all household members (a), all except spouse (x), mother (m),  
 father-in-law (q), other attending screening (b)  
 2) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), current (c),



Table 96  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Mother where no more comprehensive index available - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Ys	Ws	Qs	Ps
5	BUFFLE	1	m	a	e	0	-0.68	2.42	1.47	0.2896
5	BUFFLE	2	f	a	e	0	-0.22	5.19	0.52	0.6209
Subtotal	5						-1.10	7.61	1.99	
7	KABAT1	5	m	a	c	0	0.23	2.13	0.04	0.7331
7	KABAT1	6	f	a	c	0	-0.09	5.68	0.20	0.8339
Subtotal	7						-0.05	7.81	0.24	
8	GARFI2	10	f	a	z	0	0.14	20.07	0.03	0.5307
12	LEE	13	m	a	c	0	0.05	2.06	0.00	0.9419
12	LEE	14	f	a	c	0	-0.23	6.59	0.70	0.5627
Subtotal	12						-0.37	8.65	0.70	
14	GAO	10	f	a	e	2	-0.11	21.40	0.90	0.6259
16	KOO	12	f	a	e	0	0.23	11.74	0.20	0.4317
22	SHIMIZ	4	f	m	e	0	1.37	3.14	5.09	0.0150
*24	HOLE	1	m	b	e	0	1.26	0.67	0.90	0.3028
*24	HOLE	2	f	b	e	0	0.64	0.84	0.24	0.5613
Subtotal	24						1.70	1.50	1.14	
26	JANERI	7	c	a	e	0	0.04	13.48	0.05	0.8917
27	KALAND	7	f	x	e	0	0.35	7.73	0.47	0.3363
29	WU-WIL	6	f	a	e	0	-0.24	33.48	3.97	0.1570
30	LIUZ	1	f	a	c	0	-0.30	5.63	0.91	0.4721
31	BROWN2	13	f	a	a	0	0.04	75.31	0.30	0.7540
32	STOCKW	7	f	a	e	3	0.47	9.29	1.27	0.1520
35	FONTHA	19	f	a	a	0	0.16	75.89	0.26	0.1668
38	KABAT2	13	m	a	a	0	0.13	6.49	0.00	0.7497
38	KABAT2	14	f	a	a	0	-0.06	11.79	0.29	0.8461
Subtotal	38						-0.13	18.28	0.29	
39	SCHWAR	7	c	a	e	0	0.17	30.21	0.13	0.3643
40	SUN	8	f	m	e	2	0.72	17.76	6.79	0.0025
*43	CARDEN	17	m	a	c	7	-0.46	3.71	1.17	0.3735
*43	CARDEN	18	f	a	c	7	-0.17	21.94	1.65	0.4141
Subtotal	43						-0.84	25.65	2.82	
44	ZHENG	1	m	a	e	0	-0.41	3.07	0.78	0.4776
44	ZHENG	2	f	a	e	0	0.93	5.43	3.70	0.0310
Subtotal	44						0.32	8.50	4.49	
46	BOFFET	43	m	a	e	0	0.28	22.29	0.76	0.1800
46	BOFFET	45	f	a	e	0	-0.03	72.62	1.24	0.7912
Subtotal	46						0.05	94.92	2.00	
48	ZARIDZ	11	f	x	e	0	-0.02	19.94	0.27	0.9371
53	ZHONG	19	f	a	e	0	0.05	63.63	0.16	0.6903
54	LEECH	9	f	q	a	0	-0.12	26.45	1.24	0.5472
56	WANGL	1	m	a	e	0	0.56	4.89	1.03	0.2158
56	WANGL	3	f	a	e	0	0.04	12.24	0.05	0.8920
Subtotal	56						0.40	17.14	1.08	
57	JOHNSO	7	f	a	e	0	0.24	11.94	0.25	0.4008
58	LAGARD	5	c	a	a	0	0.14	82.21	0.13	0.2052
*59	NISHIN	5	f	a	c	0	-0.26	5.84	0.76	0.5293
62	SEOW	1	f	a	e	0	0.26	34.66	0.85	0.1317
66	MCGHEE	5	m	a	p	0	0.36	17.79	1.25	0.1240
66	MCGHEE	6	f	a	p	0	0.41	29.19	2.77	0.0276
Subtotal	66						0.57	46.98	4.02	

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 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all household members (a), all except spouse (x), mother (m),  
 father-in-law (q), other attending screening (b)  
 2) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), current (c),

Table 96  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Mother where no more comprehensive index available - both sexes  
 Overall analysis- unadjusted

Relative risks

	N	40
	NS	30
	Wt	806.85
Het	Chi	42.81
Het	df	39
Het	P	N.S.
Fixed	RR	1.10
	RRl	1.03
	RRu	1.18
	P	++
Random	RR	1.11
	RRl	1.03
	RRu	1.20
	P	++
Asymm	P	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all household members (a), all except spouse (x), mother (m),  
 father-in-law (q), other attending screening (b)  
 2) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), current (c),

Table 97  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Mother where no more comprehensive index available - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
5	BUFFLE 1		m	a	e	0	5	56	6	34	0.51 ( 0.14-	1.79)	
5	BUFFLE 2		f	a	e	0	33	164	8	32	0.80 ( 0.34-	1.90)	
Subtotal 5											0.69 ( 0.34-	1.41)	
7	KABAT1 5		m	a	c	0	6	5	19	20	1.26 ( 0.33-	4.84)	
7	KABAT1 6		f	a	c	0	16	17	37	36	0.92 ( 0.40-	2.08)	
Subtotal 7											1.00 ( 0.50-	2.02)	
8	GARFI2 10		f	a	z	0	73	204	42	135	1.15 ( 0.74-	1.78)	
26	JANERI 11		c	a	e	3	-	-	-	-	1.05 ( 0.62-	1.77)	
31	BROWN2 14		f	a	a	2	-	-	-	-	1.10 ( 0.80-	1.30)	
32	STOCKW 7		f	a	e	3	-	-	-	-	1.60 ( 0.84-	3.04)	
35	FONTHA 20		f	a	a	8	-	-	-	-	1.23 ( 0.96-	1.57)	
38	KABAT2 17		m	a	a	3	-	-	-	-	1.75 ( 0.63-	4.88)	
38	KABAT2 18		f	a	a	3	-	-	-	-	1.22 ( 0.66-	2.27)	
Subtotal 38											1.34 ( 0.79-	2.28)	
39	SCHWAR 8		c	a	e	2	-	-	-	-	1.10 ( 0.80-	1.60)	
*43	CARDEN 17		m	a	c	7	-	-	-	-	0.63 ( 0.23-	1.76)	
*43	CARDEN 18		f	a	c	7	-	-	-	-	0.84 ( 0.55-	1.27)	
Subtotal 43												0.81 ( 0.55-	1.19)
57	JOHNSO 8		f	a	e	4	-	-	-	-	1.20 ( 0.62-	2.30)	
Partial Totals							133	446	112	257			
*prospective study													

Europe

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
12	LEE 13		m	a	c	0	3	32	9	101	1.05 ( 0.27-	4.12)	
12	LEE 14		f	a	c	0	11	126	21	192	0.80 ( 0.37-	1.71)	
Subtotal 12											0.85 ( 0.44-	1.66)	
*24	HOLE 3		c	b	e	2	-	-	-	-	2.41 ( 0.45-	12.83)	
27	KALAND 7		f	x	e	0	75	92	15	26	1.41 ( 0.70-	2.86)	
46	BOFFET 44		m	a	e	2	-	-	-	-	1.45 ( 0.91-	2.33)	
46	BOFFET 46		f	a	e	2	-	-	-	-	1.01 ( 0.79-	1.29)	
Subtotal 46											1.09 ( 0.88-	1.36)	
48	ZARIDZ 12		f	x	e	2	-	-	-	-	0.91 ( 0.58-	1.42)	
58	LAGARD 6		c	a	a	6	-	-	-	-	1.15 ( 0.91-	1.45)	
Partial Totals							89	250	45	319			
*prospective study													

Asia

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
14	GAO 10		f	a	e	2	-	-	-	-	0.90 ( 0.60-	1.40)
16	KOO 13		f	a	e	4	-	-	-	-	1.47 ( 0.56-	3.82)
22	SHIMIZ 4		f	m	e	0	10	5	80	158	3.95 ( 1.31-	11.95)
29	WU-WIL 6		f	a	e	0	343	515	74	87	0.78 ( 0.56-	1.10)
30	LIUZ 2		f	a	c	3	-	-	-	-	0.77 ( 0.30-	1.96)
40	SUN 8		f	m	e	2	-	-	-	-	2.05 ( 1.29-	3.27)
44	ZHENG 1		m	a	e	0	8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG 2		f	a	e	0	62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44											1.56 ( 0.80-	3.06)
53	ZHONG 20		f	a	e	7	-	-	-	-	1.08 ( 0.82-	1.41)
54	LEECH 10		f	q	a	7	-	-	-	-	0.80 ( 0.51-	1.24)
56	WANGL 2		m	a	e	4	-	-	-	-	1.22 ( 0.50-	3.30)
56	WANGL 4		f	a	e	4	-	-	-	-	1.15 ( 0.60-	2.10)
Subtotal 56											1.17 ( 0.69-	1.97)
*59	NISHIN 6		f	a	c	1	-	-	-	-	0.87 ( 0.37-	2.01)
62	SEOW 1		f	a	e	0	91	300	85	362	1.29 ( 0.93-	1.80)
66	MCGHEE 1		m	a	p	2	-	-	-	-	1.34 ( 0.82-	2.17)
66	MCGHEE 2		f	a	p	2	-	-	-	-	1.38 ( 0.94-	2.04)
Subtotal 66											1.36 ( 1.01-	1.85)

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 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all household members (a), all except spouse (x), mother (m),  
 father-in-law (q), other attending screening (b)  
 2) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), current (c),

Table 97  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Mother where no more comprehensive index available - both sexes  
 By continent - adjusted

Asia											
StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers		RR	95.00%CI	
Partial Totals							Exposed	Non-exposed			
*prospective study							Case	Cont	Case	Cont	
							514	1011	263	675	
Relative risks			NAmerica		Europe	Asia	Other	Total			
			N	15	8	16					
			NS	11	6	13					
			Wt	267.69	189.00	260.53	717.22				
			Het Chi	8.06	4.63	27.04	39.90				
			Het df	14	7	15	38				
			Het P	N.S.	N.S.	*	N.S.				
Fixed			RR	1.11	1.10	1.14	1.12				
			RRl	0.98	0.95	1.01	1.04				
			RRu	1.25	1.27	1.29	1.20				
			P	(+)	N.S.	+	++				
Random			RR	1.11	1.10	1.17	1.12				
			RRl	0.98	0.95	0.98	1.03				
			RRu	1.25	1.27	1.40	1.21				
			P	(+)	N.S.	(+)	++				
Asymm			P	N.S.	N.S.	N.S.	N.S.				
Between			Chi		0.01	0.10	0.17				
Between			df		1	1	2				
Between			P		N.S.	N.S.	N.S.	N.S.			

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 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all household members (a), all except spouse (x), mother (m),  
 father-in-law (q), other attending screening (b)  
 2) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), current (c),

Table 98  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Mother where no more comprehensive index available - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
5	BUFFLE 1		m	a	e	0	5	56	6	34	0.51 ( 0.14-	1.79)	
5	BUFFLE 2		f	a	e	0	33	164	8	32	0.80 ( 0.34-	1.90)	
Subtotal 5											0.69 ( 0.34-	1.41)	
7	KABAT1 5		m	a	c	0	6	5	19	20	1.26 ( 0.33-	4.84)	
7	KABAT1 6		f	a	c	0	16	17	37	36	0.92 ( 0.40-	2.08)	
Subtotal 7											1.00 ( 0.50-	2.02)	
8	GARFI2 10		f	a	z	0	73	204	42	135	1.15 ( 0.74-	1.78)	
26	JANERI 7		c	a	e	0	159	158	32	33	1.04 ( 0.61-	1.77)	
31	BROWN2 13		f	a	a	0	261	696	170	470	1.04 ( 0.83-	1.30)	
32	STOCKW 7		f	a	e	3	-	-	-	-	1.60 ( 0.84-	3.04)	
35	FONTHA 19		f	a	a	0	509	941	144	312	1.17 ( 0.94-	1.47)	
38	KABAT2 13		m	a	a	0	13	34	28	83	1.13 ( 0.53-	2.45)	
38	KABAT2 14		f	a	a	0	43	119	26	68	0.95 ( 0.53-	1.67)	
Subtotal 38											1.01 ( 0.64-	1.59)	
39	SCHWAR 7		c	a	e	0	172	175	85	102	1.18 ( 0.83-	1.68)	
*43	CARDEN 17		m	a	c	7	-	-	-	-	0.63 ( 0.23-	1.76)	
*43	CARDEN 18		f	a	c	7	-	-	-	-	0.84 ( 0.55-	1.27)	
Subtotal 43												0.81 ( 0.55-	1.19)
57	JOHNSO 7		f	a	e	0	54	543	17	218	1.28 ( 0.72-	2.25)	
Partial Totals							1344	3112	614	1543			
*prospective study													

Europe

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
12	LEE 13		m	a	c	0	3	32	9	101	1.05 ( 0.27-	4.12)
12	LEE 14		f	a	c	0	11	126	21	192	0.80 ( 0.37-	1.71)
Subtotal 12											0.85 ( 0.44-	1.66)
*24	HOLE 1		m	b	e	0	2	243	1	428	3.52 ( 0.32-	38.65)
*24	HOLE 2		f	b	e	0	5	1295	1	489	1.89 ( 0.22-	16.12)
Subtotal 24											2.49 ( 0.50-	12.31)
27	KALAND 7		f	x	e	0	75	92	15	26	1.41 ( 0.70-	2.86)
46	BOFFET 43		m	a	e	0	41	125	100	405	1.33 ( 0.88-	2.01)
46	BOFFET 45		f	a	e	0	347	698	160	312	0.97 ( 0.77-	1.22)
Subtotal 46											1.04 ( 0.85-	1.28)
48	ZARIDZ 11		f	x	e	0	38	73	151	285	0.98 ( 0.63-	1.52)
58	LAGARD 5		c	a	a	0	179	611	254	997	1.15 ( 0.93-	1.43)
Totals							701	3295	712	3235		
*prospective study												

Asia

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
14	GAO 10		f	a	e	2	-	-	-	-	0.90 ( 0.60-	1.40)
16	KOO 12		f	a	e	0	61	88	27	49	1.26 ( 0.71-	2.23)
22	SHIMIZ 4		f	m	e	0	10	5	80	158	3.95 ( 1.31-	11.95)
29	WU-WIL 6		f	a	e	0	343	515	74	87	0.78 ( 0.56-	1.10)
30	LIUZ 1		f	a	c	0	45	176	9	26	0.74 ( 0.32-	1.69)
40	SUN 8		f	m	e	2	-	-	-	-	2.05 ( 1.29-	3.27)
44	ZHENG 1		m	a	e	0	8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG 2		f	a	e	0	62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44											1.56 ( 0.80-	3.06)
53	ZHONG 19		f	a	e	0	322	377	182	224	1.05 ( 0.82-	1.34)
54	LEECH 9		f	q	a	0	51	93	217	352	0.89 ( 0.61-	1.30)
56	WANGL 1		m	a	e	0	24	72	8	42	1.75 ( 0.72-	4.24)
56	WANGL 3		f	a	e	0	176	364	20	43	1.04 ( 0.59-	1.82)
Subtotal 56											1.21 ( 0.75-	1.94)
*59	NISHIN 5		f	a	c	0	14	47679	10	26248	0.77 ( 0.34-	1.73)
62	SEOW 1		f	a	e	0	91	300	85	362	1.29 ( 0.93-	1.80)
66	MCGHEE 5		m	a	p	0	33	71	112	347	1.44 ( 0.90-	2.29)

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 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all household members (a), all except spouse (x), mother (m),  
 father-in-law (q), other attending screening (b)  
 2) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), current (c),

Table 98  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Mother where no more comprehensive index available - both sexes  
 By continent - unadjusted

Asia

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers		Non-exposed		RR	95.00%CI
							Exposed	Cont	Case	Cont		
66	MCGHEE	6	f	a	p	0	96	150	83	195	1.50 ( 1.05-	2.16)
Subtotal 66											1.48 ( 1.11-	1.97)
Partial Totals							1336	50081	931	28201		
*prospective study												

Relative risks		NAmerica	Europe	Asia	Other	Total
	N	15	9	16		40
	NS	11	6	13		30
	Wt	295.54	214.96	296.34		806.85
	Het Chi	7.47	4.66	30.05		42.81
	Het df	14	8	15		39
	Het P	N.S.	N.S.	*		N.S.
Fixed	RR	1.08	1.09	1.15		1.10
	RRl	0.96	0.95	1.02		1.03
	RRu	1.21	1.24	1.28		1.18
	P	N.S.	N.S.	+		++
Random	RR	1.08	1.09	1.18		1.11
	RRl	0.96	0.95	0.99		1.03
	RRu	1.21	1.24	1.41		1.20
	P	N.S.	N.S.	(+)		++
Asymm	P	N.S.	N.S.	N.S.		N.S.
Between	Chi		0.01	0.56		0.64
Between	df		1	1		2
Between	P		N.S.	N.S.	N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all household members (a), all except spouse (x), mother (m),  
 father-in-law (q), other attending screening (b)  
 2) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), current (c),

Table 99  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Father where no more comprehensive index available - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
5	BUFFLE	1	m	a	e	0	5	56	6	34	0.51 ( 0.14-	1.79)	
5	BUFFLE	2	f	a	e	0	33	164	8	32	0.80 ( 0.34-	1.90)	
Subtotal 5											0.69 ( 0.34-	1.41)	
7	KABAT1	5	m	a	c	0	6	5	19	20	1.26 ( 0.33-	4.84)	
7	KABAT1	6	f	a	c	0	16	17	37	36	0.92 ( 0.40-	2.08)	
Subtotal 7											1.00 ( 0.50-	2.02)	
8	GARFI2	10	f	a	z	0	73	204	42	135	1.15 ( 0.74-	1.78)	
12	LEE	13	m	a	c	0	3	32	9	101	1.05 ( 0.27-	4.12)	
12	LEE	14	f	a	c	0	11	126	21	192	0.80 ( 0.37-	1.71)	
Subtotal 12											0.85 ( 0.44-	1.66)	
14	GAO	10	f	a	e	2	-	-	-	-	0.90 ( 0.60-	1.40)	
16	KOO	13	f	a	e	4	-	-	-	-	1.47 ( 0.56-	3.82)	
22	SHIMIZ	3	f	f	e	0	39	67	51	96	1.10 ( 0.65-	1.84)	
*24	HOLE	3	c	b	e	2	-	-	-	-	2.41 ( 0.45-	12.83)	
26	JANERI	11	c	a	e	3	-	-	-	-	1.05 ( 0.62-	1.77)	
27	KALAND	7	f	x	e	0	75	92	15	26	1.41 ( 0.70-	2.86)	
29	WU-WIL	6	f	a	e	0	343	515	74	87	0.78 ( 0.56-	1.10)	
30	LIUZ	2	f	a	c	3	-	-	-	-	0.77 ( 0.30-	1.96)	
31	BROWN2	14	f	a	a	2	-	-	-	-	1.10 ( 0.80-	1.30)	
32	STOCKW	7	f	a	e	3	-	-	-	-	1.60 ( 0.84-	3.04)	
35	FONTHA	20	f	a	a	8	-	-	-	-	1.23 ( 0.96-	1.57)	
38	KABAT2	17	m	a	a	3	-	-	-	-	1.75 ( 0.63-	4.88)	
38	KABAT2	18	f	a	a	3	-	-	-	-	1.22 ( 0.66-	2.27)	
Subtotal 38											1.34 ( 0.79-	2.28)	
39	SCHWAR	8	c	a	e	2	-	-	-	-	1.10 ( 0.80-	1.60)	
40	SUN	9	f	f	e	2	-	-	-	-	2.35 ( 1.56-	3.54)	
*43	CARDEN	17	m	a	c	7	-	-	-	-	0.63 ( 0.23-	1.76)	
*43	CARDEN	18	f	a	c	7	-	-	-	-	0.84 ( 0.55-	1.27)	
Subtotal 43											0.81 ( 0.55-	1.19)	
44	ZHENG	1	m	a	e	0	8	12	17	17	0.67 ( 0.22-	2.04)	
44	ZHENG	2	f	a	e	0	62	179	7	51	2.52 ( 1.09-	5.85)	
Subtotal 44											1.56 ( 0.80-	3.06)	
46	BOFFET	44	m	a	e	2	-	-	-	-	1.45 ( 0.91-	2.33)	
46	BOFFET	46	f	a	e	2	-	-	-	-	1.01 ( 0.79-	1.29)	
Subtotal 46											1.09 ( 0.88-	1.36)	
48	ZARIDZ	12	f	x	e	2	-	-	-	-	0.91 ( 0.58-	1.42)	
53	ZHONG	20	f	a	e	7	-	-	-	-	1.08 ( 0.82-	1.41)	
54	LEECH	10	f	q	a	7	-	-	-	-	0.80 ( 0.51-	1.24)	
56	WANGL	2	m	a	e	4	-	-	-	-	1.22 ( 0.50-	3.30)	
56	WANGL	4	f	a	e	4	-	-	-	-	1.15 ( 0.60-	2.10)	
Subtotal 56											1.17 ( 0.69-	1.97)	
57	JOHNSO	8	f	a	e	4	-	-	-	-	1.20 ( 0.62-	2.30)	
58	LAGARD	6	c	a	a	6	-	-	-	-	1.15 ( 0.91-	1.45)	
*59	NISHIN	6	f	a	c	1	-	-	-	-	0.87 ( 0.37-	2.01)	
62	SEOW	1	f	a	e	0	91	300	85	362	1.29 ( 0.93-	1.80)	
66	MCGHEE	1	m	a	p	2	-	-	-	-	1.34 ( 0.82-	2.17)	
66	MCGHEE	2	f	a	p	2	-	-	-	-	1.38 ( 0.94-	2.04)	
Subtotal 66											1.36 ( 1.01-	1.85)	
Partial Totals							765	1769	391	1189			
*prospective study													

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 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all household members (a), all except spouse (x), father (f),  
 father-in-law (q), other attending screening (b)  
 2) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), current (c),

Table 99  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Father where no more comprehensive index available - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Ys	Ws	Qs	Ps
5	BUFFLE	1	m	a	e	0	-0.68	2.42	1.52	0.2896
5	BUFFLE	2	f	a	e	0	-0.22	5.19	0.57	0.6209
Subtotal 5							-1.12	7.61	2.09	
7	KABAT1	5	m	a	c	0	0.23	2.13	0.03	0.7331
7	KABAT1	6	f	a	c	0	-0.09	5.68	0.23	0.8339
Subtotal 7							-0.08	7.81	0.26	
8	GARFI2	10	f	a	z	0	0.14	20.07	0.01	0.5307
12	LEE	13	m	a	c	0	0.05	2.06	0.01	0.9419
12	LEE	14	f	a	c	0	-0.23	6.59	0.76	0.5627
Subtotal 12							-0.40	8.65	0.76	
14	GAO	10	f	a	e	2	-0.11	21.40	1.02	0.6259
16	KOO	13	f	a	e	4	0.39	4.17	0.31	0.4316
22	SHIMIZ	3	f	f	e	0	0.09	14.17	0.01	0.7309
*24	HOLE	3	c	b	e	2	0.88	1.37	0.80	0.3034
26	JANERI	11	c	a	e	3	0.05	13.96	0.06	0.8553
27	KALAND	7	f	x	e	0	0.35	7.73	0.42	0.3363
29	WU-WIL	6	f	a	e	0	-0.24	33.48	4.29	0.1570
30	LIUZ	2	f	a	c	3	-0.26	4.36	0.61	0.5852
31	BROWN2	14	f	a	a	2	0.10	65.19	0.02	0.4416
32	STOCKW	7	f	a	e	3	0.47	9.29	1.18	0.1520
35	FONTHA	20	f	a	a	8	0.21	63.50	0.56	0.0990
38	KABAT2	17	m	a	a	3	0.56	3.66	0.74	0.2828
38	KABAT2	18	f	a	a	3	0.20	10.02	0.07	0.5296
Subtotal 38							0.53	13.68	0.81	
39	SCHWAR	8	c	a	e	2	0.10	31.98	0.01	0.5899
40	SUN	9	f	f	e	2	0.85	22.88	12.57	0.0000
*43	CARDEN	17	m	a	c	7	-0.46	3.71	1.23	0.3735
*43	CARDEN	18	f	a	c	7	-0.17	21.94	1.81	0.4141
Subtotal 43							-0.86	25.65	3.04	
44	ZHENG	1	m	a	e	0	-0.41	3.07	0.83	0.4776
44	ZHENG	2	f	a	e	0	0.93	5.43	3.58	0.0310
Subtotal 44							0.29	8.50	4.41	
46	BOFFET	44	m	a	e	2	0.37	17.38	1.16	0.1213
46	BOFFET	46	f	a	e	2	0.01	63.90	0.68	0.9366
Subtotal 46							0.16	81.29	1.84	
48	ZARIDZ	12	f	x	e	2	-0.09	19.17	0.82	0.6797
53	ZHONG	20	f	a	e	7	0.08	52.30	0.07	0.5778
54	LEECH	10	f	q	a	7	-0.22	19.47	2.20	0.3249
56	WANGL	2	m	a	e	4	0.20	4.31	0.03	0.6796
56	WANGL	4	f	a	e	4	0.14	9.79	0.01	0.6619
Subtotal 56							0.11	14.11	0.04	
57	JOHNSO	8	f	a	e	4	0.18	8.94	0.04	0.5856
58	LAGARD	6	c	a	a	6	0.14	70.80	0.05	0.2396
*59	NISHIN	6	f	a	c	1	-0.14	5.36	0.34	0.7470
62	SEOW	1	f	a	e	0	0.26	34.66	0.71	0.1317
66	MCGHEE	1	m	a	p	2	0.29	16.22	0.52	0.2385
66	MCGHEE	2	f	a	p	2	0.32	25.59	1.12	0.1032
Subtotal 66							0.39	41.82	1.64	

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 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all household members (a), all except spouse (x), father (f),  
 father-in-law (q), other attending screening (b)  
 2) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), current (c),



Table 99  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Father where no more comprehensive index available - both sexes  
 Overall analysis - adjusted

Relative risks

	N	39
	NS	30
	Wt	733.38
Het	Chi	41.01
Het	df	38
Het	P	N.S.
Fixed	RR	1.12
	RRl	1.04
	RRu	1.20
	P	++
Random	RR	1.12
	RRl	1.04
	RRu	1.21
	P	++
Asymm	P	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all household members (a), all except spouse (x), father (f),  
 father-in-law (q), other attending screening (b)  
 2) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), current (c),

Table 100  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Father where no more comprehensive index available - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
5	BUFFLE 1		m	a	e	0	5	56	6	34	0.51 ( 0.14-	1.79)	
5	BUFFLE 2		f	a	e	0	33	164	8	32	0.80 ( 0.34-	1.90)	
Subtotal 5											0.69 ( 0.34-	1.41)	
7	KABAT1 5		m	a	c	0	6	5	19	20	1.26 ( 0.33-	4.84)	
7	KABAT1 6		f	a	c	0	16	17	37	36	0.92 ( 0.40-	2.08)	
Subtotal 7											1.00 ( 0.50-	2.02)	
8	GARFI2 10		f	a	z	0	73	204	42	135	1.15 ( 0.74-	1.78)	
12	LEE 13		m	a	c	0	3	32	9	101	1.05 ( 0.27-	4.12)	
12	LEE 14		f	a	c	0	11	126	21	192	0.80 ( 0.37-	1.71)	
Subtotal 12											0.85 ( 0.44-	1.66)	
14	GAO 10		f	a	e	2	-	-	-	-	0.90 ( 0.60-	1.40)	
16	KOO 12		f	a	e	0	61	88	27	49	1.26 ( 0.71-	2.23)	
22	SHIMIZ 3		f	f	e	0	39	67	51	96	1.10 ( 0.65-	1.84)	
*24	HOLE 1		m	b	e	0	2	243	1	428	3.52 ( 0.32-	38.65)	
*24	HOLE 2		f	b	e	0	5	1295	1	489	1.89 ( 0.22-	16.12)	
Subtotal 24											2.49 ( 0.50-	12.31)	
26	JANERI 7		c	a	e	0	159	158	32	33	1.04 ( 0.61-	1.77)	
27	KALAND 7		f	x	e	0	75	92	15	26	1.41 ( 0.70-	2.86)	
29	WU-WIL 6		f	a	e	0	343	515	74	87	0.78 ( 0.56-	1.10)	
30	LIUZ 1		f	a	c	0	45	176	9	26	0.74 ( 0.32-	1.69)	
31	BROWN2 13		f	a	a	0	261	696	170	470	1.04 ( 0.83-	1.30)	
32	STOCKW 7		f	a	e	3	-	-	-	-	1.60 ( 0.84-	3.04)	
35	FONTHA 19		f	a	a	0	509	941	144	312	1.17 ( 0.94-	1.47)	
38	KABAT2 13		m	a	a	0	13	34	28	83	1.13 ( 0.53-	2.45)	
38	KABAT2 14		f	a	a	0	43	119	26	68	0.95 ( 0.53-	1.67)	
Subtotal 38											1.01 ( 0.64-	1.59)	
39	SCHWAR 7		c	a	e	0	172	175	85	102	1.18 ( 0.83-	1.68)	
40	SUN 9		f	f	e	2	-	-	-	-	2.35 ( 1.56-	3.54)	
*43	CARDEN 17		m	a	c	7	-	-	-	-	0.63 ( 0.23-	1.76)	
*43	CARDEN 18		f	a	c	7	-	-	-	-	0.84 ( 0.55-	1.27)	
Subtotal 43											0.81 ( 0.55-	1.19)	
44	ZHENG 1		m	a	e	0	8	12	17	17	0.67 ( 0.22-	2.04)	
44	ZHENG 2		f	a	e	0	62	179	7	51	2.52 ( 1.09-	5.85)	
Subtotal 44											1.56 ( 0.80-	3.06)	
46	BOFFET 43		m	a	e	0	41	125	100	405	1.33 ( 0.88-	2.01)	
46	BOFFET 45		f	a	e	0	347	698	160	312	0.97 ( 0.77-	1.22)	
Subtotal 46											1.04 ( 0.85-	1.28)	
48	ZARIDZ 11		f	x	e	0	38	73	151	285	0.98 ( 0.63-	1.52)	
53	ZHONG 19		f	a	e	0	322	377	182	224	1.05 ( 0.82-	1.34)	
54	LEECH 9		f	q	a	0	51	93	217	352	0.89 ( 0.61-	1.30)	
56	WANGL 1		m	a	e	0	24	72	8	42	1.75 ( 0.72-	4.24)	
56	WANGL 3		f	a	e	0	176	364	20	43	1.04 ( 0.59-	1.82)	
Subtotal 56											1.21 ( 0.75-	1.94)	
57	JOHNSO 7		f	a	e	0	54	543	17	218	1.28 ( 0.72-	2.25)	
58	LAGARD 5		c	a	a	0	179	611	254	997	1.15 ( 0.93-	1.43)	
*59	NISHIN 5		f	a	c	0	14	47679	10	26248	0.77 ( 0.34-	1.73)	
62	SEOW 1		f	a	e	0	91	300	85	362	1.29 ( 0.93-	1.80)	
66	MCGHEE 5		m	a	p	0	33	71	112	347	1.44 ( 0.90-	2.29)	
66	MCGHEE 6		f	a	p	0	96	150	83	195	1.50 ( 1.05-	2.16)	
Subtotal 66											1.48 ( 1.11-	1.97)	
Partial Totals							3410	56550	2228	32917			
*prospective study													

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 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all household members (a), all except spouse (x), father (f),  
 father-in-law (q), other attending screening (b)  
 2) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), current (c),

Table 100  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Father where no more comprehensive index available - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Ys	Ws	Qs	Ps
5	BUFFLE	1	m	a	e	0	-0.68	2.42	1.48	0.2896
5	BUFFLE	2	f	a	e	0	-0.22	5.19	0.53	0.6209
Subtotal	5						-1.10	7.61	2.01	
7	KABAT1	5	m	a	c	0	0.23	2.13	0.04	0.7331
7	KABAT1	6	f	a	c	0	-0.09	5.68	0.21	0.8339
Subtotal	7						-0.06	7.81	0.24	
8	GARFI2	10	f	a	z	0	0.14	20.07	0.03	0.5307
12	LEE	13	m	a	c	0	0.05	2.06	0.01	0.9419
12	LEE	14	f	a	c	0	-0.23	6.59	0.71	0.5627
Subtotal	12						-0.38	8.65	0.71	
14	GAO	10	f	a	e	2	-0.11	21.40	0.92	0.6259
16	KOO	12	f	a	e	0	0.23	11.74	0.19	0.4317
22	SHIMIZ	3	f	f	e	0	0.09	14.17	0.00	0.7309
*24	HOLE	1	m	b	e	0	1.26	0.67	0.90	0.3028
*24	HOLE	2	f	b	e	0	0.64	0.84	0.24	0.5613
Subtotal	24						1.69	1.50	1.13	
26	JANERI	7	c	a	e	0	0.04	13.48	0.06	0.8917
27	KALAND	7	f	x	e	0	0.35	7.73	0.46	0.3363
29	WU-WIL	6	f	a	e	0	-0.24	33.48	4.03	0.1570
30	LIUZ	1	f	a	c	0	-0.30	5.63	0.93	0.4721
31	BROWN2	13	f	a	a	0	0.04	75.31	0.33	0.7540
32	STOCKW	7	f	a	e	3	0.47	9.29	1.26	0.1520
35	FONTHA	19	f	a	a	0	0.16	75.89	0.24	0.1668
38	KABAT2	13	m	a	a	0	0.13	6.49	0.00	0.7497
38	KABAT2	14	f	a	a	0	-0.06	11.79	0.30	0.8461
Subtotal	38						-0.14	18.28	0.30	
39	SCHWAR	7	c	a	e	0	0.17	30.21	0.12	0.3643
40	SUN	9	f	f	e	2	0.85	22.88	12.94	0.0000
*43	CARDEN	17	m	a	c	7	-0.46	3.71	1.18	0.3735
*43	CARDEN	18	f	a	c	7	-0.17	21.94	1.68	0.4141
Subtotal	43						-0.84	25.65	2.86	
44	ZHENG	1	m	a	e	0	-0.41	3.07	0.79	0.4776
44	ZHENG	2	f	a	e	0	0.93	5.43	3.68	0.0310
Subtotal	44						0.32	8.50	4.47	
46	BOFFET	43	m	a	e	0	0.28	22.29	0.74	0.1800
46	BOFFET	45	f	a	e	0	-0.03	72.62	1.29	0.7912
Subtotal	46						0.05	94.92	2.03	
48	ZARIDZ	11	f	x	e	0	-0.02	19.94	0.29	0.9371
53	ZHONG	19	f	a	e	0	0.05	63.63	0.17	0.6903
54	LEECH	9	f	q	a	0	-0.12	26.45	1.27	0.5472
56	WANGL	1	m	a	e	0	0.56	4.89	1.02	0.2158
56	WANGL	3	f	a	e	0	0.04	12.24	0.05	0.8920
Subtotal	56						0.39	17.14	1.07	
57	JOHNSO	7	f	a	e	0	0.24	11.94	0.24	0.4008
58	LAGARD	5	c	a	a	0	0.14	82.21	0.11	0.2052
*59	NISHIN	5	f	a	c	0	-0.26	5.84	0.77	0.5293
62	SEOW	1	f	a	e	0	0.26	34.66	0.82	0.1317
66	MCGHEE	5	m	a	p	0	0.36	17.79	1.22	0.1240
66	MCGHEE	6	f	a	p	0	0.41	29.19	2.72	0.0276
Subtotal	66						0.57	46.98	3.95	

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 father-in-law (q), other attending screening (b)  
 2) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), current (c),

Table 100  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Father where no more comprehensive index available - both sexes  
 Overall analysis- unadjusted

Relative risks

	N	40
	NS	30
	Wt	823.00
Het	Chi	43.96
Het	df	39
Het	P	N.S.
Fixed	RR	1.11
	RRl	1.03
	RRu	1.19
	P	++
Random	RR	1.11
	RRl	1.03
	RRu	1.20
	P	++
Asymm	P	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all household members (a), all except spouse (x), father (f),  
 father-in-law (q), other attending screening (b)  
 2) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), current (c),

Table 101  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Father where no more comprehensive index available - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
5	BUFFLE 1		m	a	e	0	5	56	6	34	0.51 ( 0.14-	1.79)	
5	BUFFLE 2		f	a	e	0	33	164	8	32	0.80 ( 0.34-	1.90)	
Subtotal 5											0.69 ( 0.34-	1.41)	
7	KABAT1 5		m	a	c	0	6	5	19	20	1.26 ( 0.33-	4.84)	
7	KABAT1 6		f	a	c	0	16	17	37	36	0.92 ( 0.40-	2.08)	
Subtotal 7											1.00 ( 0.50-	2.02)	
8	GARFI2 10		f	a	z	0	73	204	42	135	1.15 ( 0.74-	1.78)	
26	JANERI 11		c	a	e	3	-	-	-	-	1.05 ( 0.62-	1.77)	
31	BROWN2 14		f	a	a	2	-	-	-	-	1.10 ( 0.80-	1.30)	
32	STOCKW 7		f	a	e	3	-	-	-	-	1.60 ( 0.84-	3.04)	
35	FONTHA 20		f	a	a	8	-	-	-	-	1.23 ( 0.96-	1.57)	
38	KABAT2 17		m	a	a	3	-	-	-	-	1.75 ( 0.63-	4.88)	
38	KABAT2 18		f	a	a	3	-	-	-	-	1.22 ( 0.66-	2.27)	
Subtotal 38											1.34 ( 0.79-	2.28)	
39	SCHWAR 8		c	a	e	2	-	-	-	-	1.10 ( 0.80-	1.60)	
*43	CARDEN 17		m	a	c	7	-	-	-	-	0.63 ( 0.23-	1.76)	
*43	CARDEN 18		f	a	c	7	-	-	-	-	0.84 ( 0.55-	1.27)	
Subtotal 43												0.81 ( 0.55-	1.19)
57	JOHNSO 8		f	a	e	4	-	-	-	-	1.20 ( 0.62-	2.30)	
Partial Totals							133	446	112	257			
*prospective study													

Europe

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
12	LEE 13		m	a	c	0	3	32	9	101	1.05 ( 0.27-	4.12)	
12	LEE 14		f	a	c	0	11	126	21	192	0.80 ( 0.37-	1.71)	
Subtotal 12											0.85 ( 0.44-	1.66)	
*24	HOLE 3		c	b	e	2	-	-	-	-	2.41 ( 0.45-	12.83)	
27	KALAND 7		f	x	e	0	75	92	15	26	1.41 ( 0.70-	2.86)	
46	BOFFET 44		m	a	e	2	-	-	-	-	1.45 ( 0.91-	2.33)	
46	BOFFET 46		f	a	e	2	-	-	-	-	1.01 ( 0.79-	1.29)	
Subtotal 46											1.09 ( 0.88-	1.36)	
48	ZARIDZ 12		f	x	e	2	-	-	-	-	0.91 ( 0.58-	1.42)	
58	LAGARD 6		c	a	a	6	-	-	-	-	1.15 ( 0.91-	1.45)	
Partial Totals							89	250	45	319			
*prospective study													

Asia

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
14	GAO 10		f	a	e	2	-	-	-	-	0.90 ( 0.60-	1.40)
16	KOO 13		f	a	e	4	-	-	-	-	1.47 ( 0.56-	3.82)
22	SHIMIZ 3		f	f	e	0	39	67	51	96	1.10 ( 0.65-	1.84)
29	WU-WIL 6		f	a	e	0	343	515	74	87	0.78 ( 0.56-	1.10)
30	LIUZ 2		f	a	c	3	-	-	-	-	0.77 ( 0.30-	1.96)
40	SUN 9		f	f	e	2	-	-	-	-	2.35 ( 1.56-	3.54)
44	ZHENG 1		m	a	e	0	8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG 2		f	a	e	0	62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44											1.56 ( 0.80-	3.06)
53	ZHONG 20		f	a	e	7	-	-	-	-	1.08 ( 0.82-	1.41)
54	LEECH 10		f	q	a	7	-	-	-	-	0.80 ( 0.51-	1.24)
56	WANGL 2		m	a	e	4	-	-	-	-	1.22 ( 0.50-	3.30)
56	WANGL 4		f	a	e	4	-	-	-	-	1.15 ( 0.60-	2.10)
Subtotal 56											1.17 ( 0.69-	1.97)
*59	NISHIN 6		f	a	c	1	-	-	-	-	0.87 ( 0.37-	2.01)
62	SEOW 1		f	a	e	0	91	300	85	362	1.29 ( 0.93-	1.80)
66	MCGHEE 1		m	a	p	2	-	-	-	-	1.34 ( 0.82-	2.17)
66	MCGHEE 2		f	a	p	2	-	-	-	-	1.38 ( 0.94-	2.04)
Subtotal 66											1.36 ( 1.01-	1.85)

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 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all household members (a), all except spouse (x), father (f),  
 father-in-law (q), other attending screening (b)  
 2) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), current (c),

Table 101  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Father where no more comprehensive index available - both sexes  
 By continent - adjusted

Asia

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
Partial Totals							543	1073	234	613		
*prospective study												
Relative risks			NAmerica		Europe		Asia		Other		Total	
			N	15		8		16				39
			NS	11		6		13				30
			Wt	267.69		189.00		276.68				733.38
	Het	Chi		8.06		4.63		28.07				41.01
	Het	df		14		7		15				38
	Het	P		N.S.		N.S.		*				N.S.
	Fixed	RR		1.11		1.10		1.15				1.12
		RRl		0.98		0.95		1.02				1.04
		RRu		1.25		1.27		1.29				1.20
		P		(+)		N.S.		+				++
	Random	RR		1.11		1.10		1.16				1.12
		RRl		0.98		0.95		0.97				1.04
		RRu		1.25		1.27		1.38				1.21
		P		(+)		N.S.		N.S.				++
	Asymm	P		N.S.		N.S.		N.S.				N.S.
	Between	Chi				0.01		0.15				0.25
	Between	df				1		1				2
	Between	P				N.S.		N.S.		N.S.		N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all household members (a), all except spouse (x), father (f),  
 father-in-law (q), other attending screening (b)  
 2) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), current (c),

Table 102  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Father where no more comprehensive index available - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
5	BUFFLE 1		m	a	e	0	5	56	6	34	0.51 ( 0.14-	1.79)	
5	BUFFLE 2		f	a	e	0	33	164	8	32	0.80 ( 0.34-	1.90)	
Subtotal 5											0.69 ( 0.34-	1.41)	
7	KABAT1 5		m	a	c	0	6	5	19	20	1.26 ( 0.33-	4.84)	
7	KABAT1 6		f	a	c	0	16	17	37	36	0.92 ( 0.40-	2.08)	
Subtotal 7											1.00 ( 0.50-	2.02)	
8	GARFI2 10		f	a	z	0	73	204	42	135	1.15 ( 0.74-	1.78)	
26	JANERI 7		c	a	e	0	159	158	32	33	1.04 ( 0.61-	1.77)	
31	BROWN2 13		f	a	a	0	261	696	170	470	1.04 ( 0.83-	1.30)	
32	STOCKW 7		f	a	e	3	-	-	-	-	1.60 ( 0.84-	3.04)	
35	FONTHA 19		f	a	a	0	509	941	144	312	1.17 ( 0.94-	1.47)	
38	KABAT2 13		m	a	a	0	13	34	28	83	1.13 ( 0.53-	2.45)	
38	KABAT2 14		f	a	a	0	43	119	26	68	0.95 ( 0.53-	1.67)	
Subtotal 38											1.01 ( 0.64-	1.59)	
39	SCHWAR 7		c	a	e	0	172	175	85	102	1.18 ( 0.83-	1.68)	
*43	CARDEN 17		m	a	c	7	-	-	-	-	0.63 ( 0.23-	1.76)	
*43	CARDEN 18		f	a	c	7	-	-	-	-	0.84 ( 0.55-	1.27)	
Subtotal 43												0.81 ( 0.55-	1.19)
57	JOHNSO 7		f	a	e	0	54	543	17	218	1.28 ( 0.72-	2.25)	
Partial Totals							1344	3112	614	1543			
*prospective study													

Europe

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
12	LEE 13		m	a	c	0	3	32	9	101	1.05 ( 0.27-	4.12)
12	LEE 14		f	a	c	0	11	126	21	192	0.80 ( 0.37-	1.71)
Subtotal 12											0.85 ( 0.44-	1.66)
*24	HOLE 1		m	b	e	0	2	243	1	428	3.52 ( 0.32-	38.65)
*24	HOLE 2		f	b	e	0	5	1295	1	489	1.89 ( 0.22-	16.12)
Subtotal 24											2.49 ( 0.50-	12.31)
27	KALAND 7		f	x	e	0	75	92	15	26	1.41 ( 0.70-	2.86)
46	BOFFET 43		m	a	e	0	41	125	100	405	1.33 ( 0.88-	2.01)
46	BOFFET 45		f	a	e	0	347	698	160	312	0.97 ( 0.77-	1.22)
Subtotal 46											1.04 ( 0.85-	1.28)
48	ZARIDZ 11		f	x	e	0	38	73	151	285	0.98 ( 0.63-	1.52)
58	LAGARD 5		c	a	a	0	179	611	254	997	1.15 ( 0.93-	1.43)
Totals							701	3295	712	3235		
*prospective study												

Asia

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
14	GAO 10		f	a	e	2	-	-	-	-	0.90 ( 0.60-	1.40)
16	KOO 12		f	a	e	0	61	88	27	49	1.26 ( 0.71-	2.23)
22	SHIMIZ 3		f	f	e	0	39	67	51	96	1.10 ( 0.65-	1.84)
29	WU-WIL 6		f	a	e	0	343	515	74	87	0.78 ( 0.56-	1.10)
30	LIUZ 1		f	a	c	0	45	176	9	26	0.74 ( 0.32-	1.69)
40	SUN 9		f	f	e	2	-	-	-	-	2.35 ( 1.56-	3.54)
44	ZHENG 1		m	a	e	0	8	12	17	17	0.67 ( 0.22-	2.04)
44	ZHENG 2		f	a	e	0	62	179	7	51	2.52 ( 1.09-	5.85)
Subtotal 44											1.56 ( 0.80-	3.06)
53	ZHONG 19		f	a	e	0	322	377	182	224	1.05 ( 0.82-	1.34)
54	LEECH 9		f	q	a	0	51	93	217	352	0.89 ( 0.61-	1.30)
56	WANGL 1		m	a	e	0	24	72	8	42	1.75 ( 0.72-	4.24)
56	WANGL 3		f	a	e	0	176	364	20	43	1.04 ( 0.59-	1.82)
Subtotal 56											1.21 ( 0.75-	1.94)
*59	NISHIN 5		f	a	c	0	14	47679	10	26248	0.77 ( 0.34-	1.73)
62	SEOW 1		f	a	e	0	91	300	85	362	1.29 ( 0.93-	1.80)
66	MCGHEE 5		m	a	p	0	33	71	112	347	1.44 ( 0.90-	2.29)

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all household members (a), all except spouse (x), father (f),  
 father-in-law (q), other attending screening (b)  
 2) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), current (c),

Table 102  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Father where no more comprehensive index available - both sexes  
 By continent - unadjusted

Asia

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers		Non-exposed		RR	95.00%CI	
							Exposed	Cont	Case	Cont			
66	MCGHEE	6	f	a	p	0	96	150	83	195	1.50 ( 1.05-	2.16)	
Subtotal 66											1.48 ( 1.11-	1.97)	
Partial Totals							1365	50143	902	28139			
*prospective study													

Relative risks		NAmerica	Europe	Asia	Other	Total
	N	15	9	16		40
	NS	11	6	13		30
	Wt	295.54	214.96	312.50		823.00
	Het Chi	7.47	4.66	31.06		43.96
	Het df	14	8	15		39
	Het P	N.S.	N.S.	**		N.S.
Fixed	RR	1.08	1.09	1.15		1.11
	RRl	0.96	0.95	1.03		1.03
	RRu	1.21	1.24	1.29		1.19
	P	N.S.	N.S.	+		++
Random	RR	1.08	1.09	1.17		1.11
	RRl	0.96	0.95	0.98		1.03
	RRu	1.21	1.24	1.39		1.20
	P	N.S.	N.S.	(+)		++
Asymm	P	N.S.	N.S.	N.S.		N.S.
Between	Chi		0.01	0.67		0.78
Between	df		1	1		2
Between	P		N.S.	N.S.	N.S.	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all household members (a), all except spouse (x), father (f),  
 father-in-law (q), other attending screening (b)  
 2) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), current (c),



Table 103  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Mother (specifically) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers		Non-exposed		RR	95.00%CI
							Exposed	Cont	Case	Cont		
22	SHIMIZ	4	f	m	e	0	10	5	80	158	3.95	( 1.31- 11.95)
29	WU-WIL	5	f	m	e	0	119	192	298	410	0.85	( 0.65- 1.12)
32	STOCKW	8	f	m	e	3	-	-	-	-	1.60	( 0.60- 4.30)
40	SUN	8	f	m	e	2	-	-	-	-	2.05	( 1.29- 3.27)
Partial Totals							129	197	378	568		

\*prospective study

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Ys	Ws	Qs	Ps
22	SHIMIZ	4	f	m	e	0	1.37	3.14	4.77	0.0150
29	WU-WIL	5	f	m	e	0	-0.16	51.53	4.62	0.2528
32	STOCKW	8	f	m	e	3	0.47	3.96	0.43	0.3495
40	SUN	8	f	m	e	2	0.72	17.76	5.93	0.0025

Relative risks

	N	4
	NS	4
	Wt	76.39
	Het Chi	15.75
	Het df	3
	Het P	**
Fixed	RR	1.15
	RRl	0.92
	RRu	1.44
	P	N.S.
Random	RR	1.65
	RRl	0.84
	RRu	3.23
	P	N.S.
Asymm	P	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:

1) TIM Time of exposure = ever (e)

Values are also shown for: HOU Household exposure = mother (m)

Table 104  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Mother (specifically) - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers		Non-exposed		RR	95.00%CI
							Exposed	Cont	Case	Cont		
22	SHIMIZ	4	f	m	e	0	10	5	80	158	3.95	( 1.31- 11.95)
29	WU-WIL	5	f	m	e	0	119	192	298	410	0.85	( 0.65- 1.12)
32	STOCKW	8	f	m	e	3	-	-	-	-	1.60	( 0.60- 4.30)
40	SUN	8	f	m	e	2	-	-	-	-	2.05	( 1.29- 3.27)
Partial Totals							129	197	378	568		

\*prospective study

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Ys	Ws	Qs	Ps
22	SHIMIZ	4	f	m	e	0	1.37	3.14	4.77	0.0150
29	WU-WIL	5	f	m	e	0	-0.16	51.53	4.62	0.2528
32	STOCKW	8	f	m	e	3	0.47	3.96	0.43	0.3495
40	SUN	8	f	m	e	2	0.72	17.76	5.93	0.0025

Relative risks

	N	4
	NS	4
	Wt	76.39
	Het Chi	15.75
	Het df	3
	Het P	**
Fixed	RR	1.15
	RRl	0.92
	RRu	1.44
	P	N.S.
Random	RR	1.65
	RRl	0.84
	RRu	3.23
	P	N.S.
Asymm	P	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:

1) TIM Time of exposure = ever (e)

Values are also shown for: HOU Household exposure = mother (m)

Table 105  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Mother (specifically) - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
32	STOCKW	8	f	m	e	3	-	-	-	-	1.60	( 0.60- 4.30)
Partial Totals							0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
22	SHIMIZ	4	f	m	e	0	10	5	80	158	3.95	( 1.31- 11.95)
29	WU-WIL	5	f	m	e	0	119	192	298	410	0.85	( 0.65- 1.12)
40	SUN	8	f	m	e	2	-	-	-	-	2.05	( 1.29- 3.27)
Partial Totals							129	197	378	568		

\*prospective study

Relative risks		NAmerica	Europe	Asia	Other	Total
	N	1		3		4
	NS	1		3		4
	Wt	3.96		72.43		76.39
	Het Chi	0.00		15.30		15.75
	Het df	0		2		3
	Het P	N.S.		***		**
Fixed	RR	1.60		1.13		1.15
	RRl	0.60		0.90		0.92
	RRu	4.28		1.42		1.44
	P	N.S.		N.S.		N.S.
Random	RR	1.60		1.69		1.65
	RRl	0.60		0.74		0.84
	RRu	4.28		3.85		3.23
	P	N.S.		N.S.		N.S.
Asymm	P			N.S.		N.S.
Between	Chi			0.45		0.45
Between	df			1		1
Between	P		N.S.	N.S.	N.S.	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = ever (e)  
 Values are also shown for: HOU Household exposure = mother (m)

Table 106  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Mother (specifically) - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
32	STOCKW	8	f	m	e	3	-	-	-	-	1.60	( 0.60- 4.30)
Partial Totals							0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
22	SHIMIZ	4	f	m	e	0	10	5	80	158	3.95	( 1.31- 11.95)
29	WU-WIL	5	f	m	e	0	119	192	298	410	0.85	( 0.65- 1.12)
40	SUN	8	f	m	e	2	-	-	-	-	2.05	( 1.29- 3.27)
Partial Totals							129	197	378	568		

\*prospective study

Relative risks		NAmerica	Europe	Asia	Other	Total
	N	1		3		4
	NS	1		3		4
	Wt	3.96		72.43		76.39
	Het Chi	0.00		15.30		15.75
	Het df	0		2		3
	Het P	N.S.		***		**
Fixed	RR	1.60		1.13		1.15
	RRl	0.60		0.90		0.92
	RRu	4.28		1.42		1.44
	P	N.S.		N.S.		N.S.
Random	RR	1.60		1.69		1.65
	RRl	0.60		0.74		0.84
	RRu	4.28		3.85		3.23
	P	N.S.		N.S.		N.S.
Asymm	P			N.S.		N.S.
Between	Chi			0.45		0.45
Between	df			1		1
Between	P		N.S.	N.S.	N.S.	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = ever (e)  
 Values are also shown for: HOU Household exposure = mother (m)

Table 107  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Father (specifically) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
22	SHIMIZ	3	f	f	e	0	39	67	51	96	1.10	( 0.65- 1.84)
29	WU-WIL	7	f	f	e	0	182	250	235	352	1.09	( 0.85- 1.40)
32	STOCKW	9	f	f	e	3	-	-	-	-	1.20	( 0.60- 2.30)
40	SUN	9	f	f	e	2	-	-	-	-	2.35	( 1.56- 3.54)
Partial Totals							221	317	286	448		

\*prospective study

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Ys	Ws	Qs	Ps
22	SHIMIZ	3	f	f	e	0	0.09	14.17	0.41	0.7309
29	WU-WIL	7	f	f	e	0	0.09	60.27	1.83	0.5014
32	STOCKW	9	f	f	e	3	0.18	8.51	0.05	0.5948
40	SUN	9	f	f	e	2	0.85	22.88	8.06	0.0000

Relative risks

N	4
NS	4
Wt	105.83
Het Chi	10.35
Het df	3
Het P	*
Fixed RR	1.30
RRl	1.07
RRu	1.57
P	++
Random RR	1.36
RRl	0.91
RRu	2.04
P	N.S.
Asymm P	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:

1) TIM Time of exposure = ever (e)

Values are also shown for: HOU Household exposure = father (f)

Table 108  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Father (specifically) - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
22	SHIMIZ	3	f	f	e	0	39	67	51	96	1.10	( 0.65- 1.84)
29	WU-WIL	7	f	f	e	0	182	250	235	352	1.09	( 0.85- 1.40)
32	STOCKW	9	f	f	e	3	-	-	-	-	1.20	( 0.60- 2.30)
40	SUN	9	f	f	e	2	-	-	-	-	2.35	( 1.56- 3.54)
Partial Totals							221	317	286	448		

\*prospective study

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Ys	Ws	Qs	Ps
22	SHIMIZ	3	f	f	e	0	0.09	14.17	0.41	0.7309
29	WU-WIL	7	f	f	e	0	0.09	60.27	1.83	0.5014
32	STOCKW	9	f	f	e	3	0.18	8.51	0.05	0.5948
40	SUN	9	f	f	e	2	0.85	22.88	8.06	0.0000

Relative risks

	N	4
	NS	4
	Wt	105.83
	Het Chi	10.35
	Het df	3
	Het P	*
Fixed	RR	1.30
	RRl	1.07
	RRu	1.57
	P	++
Random	RR	1.36
	RRl	0.91
	RRu	2.04
	P	N.S.
Asymm	P	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = ever (e)  
 Values are also shown for: HOU Household exposure = father (f)

Table 109  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Father (specifically) - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
32	STOCKW	9	f	f	e	3	-	-	-	-	1.20	( 0.60- 2.30)
Partial Totals							0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
22	SHIMIZ	3	f	f	e	0	39	67	51	96	1.10	( 0.65- 1.84)
29	WU-WIL	7	f	f	e	0	182	250	235	352	1.09	( 0.85- 1.40)
40	SUN	9	f	f	e	2	-	-	-	-	2.35	( 1.56- 3.54)
Partial Totals							221	317	286	448		

\*prospective study

Relative risks		NAmerica	Europe	Asia	Other	Total
	N	1		3		4
	NS	1		3		4
	Wt	8.51		97.32		105.83
	Het Chi	0.00		10.29		10.35
	Het df	0		2		3
	Het P	N.S.		**		*
Fixed	RR	1.20		1.31		1.30
	RRl	0.61		1.07		1.07
	RRu	2.35		1.59		1.57
	P	N.S.		++		++
Random	RR	1.20		1.41		1.36
	RRl	0.61		0.85		0.91
	RRu	2.35		2.33		2.04
	P	N.S.		N.S.		N.S.
Asymm	P			N.S.		N.S.
Between	Chi			0.06		0.06
Between	df			1		1
Between	P		N.S.	N.S.	N.S.	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = ever (e)  
 Values are also shown for: HOU Household exposure = father (f)

Table 110  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Father (specifically) - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
32	STOCKW	9	f	f	e	3	-	-	-	-	1.20	( 0.60- 2.30)
Partial Totals							0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
22	SHIMIZ	3	f	f	e	0	39	67	51	96	1.10	( 0.65- 1.84)
29	WU-WIL	7	f	f	e	0	182	250	235	352	1.09	( 0.85- 1.40)
40	SUN	9	f	f	e	2	-	-	-	-	2.35	( 1.56- 3.54)
Partial Totals							221	317	286	448		

\*prospective study

Relative risks		NAmerica	Europe	Asia	Other	Total
	N	1		3		4
	NS	1		3		4
	Wt	8.51		97.32		105.83
	Het Chi	0.00		10.29		10.35
	Het df	0		2		3
	Het P	N.S.		**		*
Fixed	RR	1.20		1.31		1.30
	RRl	0.61		1.07		1.07
	RRu	2.35		1.59		1.57
	P	N.S.		++		++
Random	RR	1.20		1.41		1.36
	RRl	0.61		0.85		0.91
	RRu	2.35		2.33		2.04
	P	N.S.		N.S.		N.S.
Asymm	P			N.S.		N.S.
Between	Chi			0.06		0.06
Between	df			1		1
Between	P		N.S.	N.S.	N.S.	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = ever (e)  
 Values are also shown for: HOU Household exposure = father (f)



Table 111  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Not parents/spouse - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers		Non-exposed		RR	95.00%CI
							Exposed	Cont	Case	Cont		
22	SHIMIZ	7	f	s	e	0	24	52	66	111	0.78	( 0.44- 1.37)
32	STOCKW	10	f	y	e	3	-	-	-	-	1.70	( 0.80- 3.90)
54	LEECH	10	f	q	a	7	-	-	-	-	0.80	( 0.51- 1.24)
Partial Totals							24	52	66	111		

\*prospective study

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Ys	Ws	Qs	Ps
22	SHIMIZ	7	f	s	e	0	-0.25	11.76	0.24	0.3851
32	STOCKW	10	f	y	e	3	0.53	6.12	2.51	0.1892
54	LEECH	10	f	q	a	7	-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 included (in the following order of preference) for:  
 1) HOU Household exposure = all except parents/spouse (y), siblings (s), father-in-law (q)  
 2) TIM Time of exposure = ever (e), in adulthood (a)

Table 112  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Not parents/spouse - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers		Non-exposed		RR	95.00%CI
							Exposed	Cont	Case	Cont		
22	SHIMIZ 7		f	s	e	0	24	52	66	111	0.78 (	0.44- 1.37)
32	STOCKW 10		f	y	e	3	-	-	-	-	1.70 (	0.80- 3.90)
54	LEECH 9		f	q	a	0	51	93	217	352	0.89 (	0.61- 1.30)
Partial Totals							75	145	283	463		

\*prospective study

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Ys	Ws	Qs	Ps
22	SHIMIZ 7		f	s	e	0	-0.25	11.76	0.42	0.3851
32	STOCKW 10		f	y	e	3	0.53	6.12	2.16	0.1892
54	LEECH 9		f	q	a	0	-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 included (in the following order of preference) for:  
 1) HOU Household exposure = all except parents/spouse (y), siblings (s), father-in-law (q)  
 2) TIM Time of exposure = ever (e), in adulthood (a)

Table 113  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Not parents/spouse - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
32	STOCKW	10	f	y	e	3	-	-	-	-	1.70	( 0.80- 3.90)
Partial Totals							0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
22	SHIMIZ	7	f	s	e	0	24	52	66	111	0.78	( 0.44- 1.37)
54	LEECH	10	f	q	a	7	-	-	-	-	0.80	( 0.51- 1.24)
Partial Totals							24	52	66	111		

\*prospective study

Relative risks		NAmerica	Europe	Asia	Other	Total
	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 included (in the following order of preference) for:  
 1) HOU Household exposure = all except parents/spouse (y), siblings (s), father-in-law (q)  
 2) TIM Time of exposure = ever (e), in adulthood (a)

Table 114  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Not parents/spouse - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
32	STOCKW	10	f	y	e	3	-	-	-	-	1.70	( 0.80- 3.90)
Partial Totals							0	0	0	0		

\*prospective study

Asia

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
22	SHIMIZ	7	f	s	e	0	24	52	66	111	0.78	( 0.44- 1.37)
54	LEECH	9	f	q	a	0	51	93	217	352	0.89	( 0.61- 1.30)
Totals							75	145	283	463		

\*prospective study

Relative risks			NAmerica	Europe	Asia	Other	Total
		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 included (in the following order of preference) for:  
 1) HOU Household exposure = all except parents/spouse (y), siblings (s), father-in-law (q)  
 2) TIM Time of exposure = ever (e), in adulthood (a)

Table 115  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Excluding Spouse (including mother where no more comprehensive index available) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers		Non-exposed		RR	95.00%CI
							Exposed	Cont	Case	Cont		
22	SHIMIZ	4	f	m	e	0	10	5	80	158	3.95	( 1.31- 11.95)
27	KALAND	7	f	x	e	0	75	92	15	26	1.41	( 0.70- 2.86)
29	WU-WIL	5	f	m	e	0	119	192	298	410	0.85	( 0.65- 1.12)
32	STOCKW	8	f	m	e	3	-	-	-	-	1.60	( 0.60- 4.30)
40	SUN	8	f	m	e	2	-	-	-	-	2.05	( 1.29- 3.27)
48	ZARIDZ	12	f	x	e	2	-	-	-	-	0.91	( 0.58- 1.42)
54	LEECH	10	f	q	a	7	-	-	-	-	0.80	( 0.51- 1.24)
*59	NISHIN	4	f	x	c	7	-	-	-	-	0.53	( 0.18- 1.50)
Partial Totals							204	289	393	594		

\*prospective study

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Ys	Ws	Qs	Ps
22	SHIMIZ	4	f	m	e	0	1.37	3.14	5.58	0.0150
27	KALAND	7	f	x	e	0	0.35	7.73	0.72	0.3363
29	WU-WIL	5	f	m	e	0	-0.16	51.53	2.05	0.2528
32	STOCKW	8	f	m	e	3	0.47	3.96	0.73	0.3495
40	SUN	8	f	m	e	2	0.72	17.76	8.16	0.0025
48	ZARIDZ	12	f	x	e	2	-0.09	19.17	0.35	0.6797
54	LEECH	10	f	q	a	7	-0.22	19.47	1.35	0.3249
*59	NISHIN	4	f	x	c	7	-0.63	3.42	1.56	0.2405

Relative risks

	N	8
	NS	8
	Wt	126.17
	Het Chi	20.49
	Het df	7
	Het P	**
Fixed	RR	1.04
	RRl	0.87
	RRu	1.24
	P	N.S.
Random	RR	1.17
	RRl	0.83
	RRu	1.65
	P	N.S.
Asymm	P	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all except spouse (x), mother (m), father-in-law (q)  
 2) TIM Time of exposure = ever (e), in adulthood (a)

Table 116  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Excluding Spouse (including mother where no more comprehensive index available) - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers		Non-exposed		RR	95.00%CI
							Exposed	Cont	Case	Cont		
22	SHIMIZ	4	f	m	e	0	10	5	80	158	3.95	( 1.31- 11.95)
27	KALAND	7	f	x	e	0	75	92	15	26	1.41	( 0.70- 2.86)
29	WU-WIL	5	f	m	e	0	119	192	298	410	0.85	( 0.65- 1.12)
32	STOCKW	8	f	m	e	3	-	-	-	-	1.60	( 0.60- 4.30)
40	SUN	8	f	m	e	2	-	-	-	-	2.05	( 1.29- 3.27)
48	ZARIDZ	11	f	x	e	0	38	73	151	285	0.98	( 0.63- 1.52)
54	LEECH	9	f	q	a	0	51	93	217	352	0.89	( 0.61- 1.30)
*59	NISHIN	3	f	x	c	0	7	28977	17	44950	0.64	( 0.26- 1.54)
Partial Totals							300	29432	778	46181		

\*prospective study

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Ys	Ws	Qs	Ps
22	SHIMIZ	4	f	m	e	0	1.37	3.14	5.44	0.0150
27	KALAND	7	f	x	e	0	0.35	7.73	0.64	0.3363
29	WU-WIL	5	f	m	e	0	-0.16	51.53	2.41	0.2528
32	STOCKW	8	f	m	e	3	0.47	3.96	0.68	0.3495
40	SUN	8	f	m	e	2	0.72	17.76	7.76	0.0025
48	ZARIDZ	11	f	x	e	0	-0.02	19.94	0.11	0.9371
54	LEECH	9	f	q	a	0	-0.12	26.45	0.80	0.5472
*59	NISHIN	3	f	x	c	0	-0.45	4.96	1.27	0.3181

Relative risks

N	8
NS	8
Wt	135.47
Het Chi	19.10
Het df	7
Het P	**
Fixed RR	1.06
RRl	0.89
RRu	1.25
P	N.S.
Random RR	1.19
RRl	0.86
RRu	1.63
P	N.S.
Asymm P	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all except spouse (x), mother (m), father-in-law (q)  
 2) TIM Time of exposure = ever (e), in adulthood (a)

Table 117  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Excluding Spouse (including mother where no more comprehensive index available) - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
32	STOCKW	8	f	m	e	3	-	-	-	-	1.60	( 0.60- 4.30)
Partial Totals							0	0	0	0		

\*prospective study

Europe

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
27	KALAND	7	f	x	e	0	75	92	15	26	1.41	( 0.70- 2.86)
48	ZARIDZ	12	f	x	e	2	-	-	-	-	0.91	( 0.58- 1.42)
Partial Totals							75	92	15	26		

\*prospective study

Asia

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
22	SHIMIZ	4	f	m	e	0	10	5	80	158	3.95	( 1.31- 11.95)
29	WU-WIL	5	f	m	e	0	119	192	298	410	0.85	( 0.65- 1.12)
40	SUN	8	f	m	e	2	-	-	-	-	2.05	( 1.29- 3.27)
54	LEECH	10	f	q	a	7	-	-	-	-	0.80	( 0.51- 1.24)
*59	NISHIN	4	f	x	c	7	-	-	-	-	0.53	( 0.18- 1.50)
Partial Totals							129	197	378	568		

\*prospective study

Relative risks		NAmerica	Europe	Asia	Other	Total
	N	1	2	5		8
	NS	1	2	5		8
	Wt	3.96	26.90	95.31		126.17
	Het Chi	0.00	1.07	18.67		20.49
	Het df	0	1	4		7
	Het P	N.S.	N.S.	***		**
Fixed	RR	1.60	1.03	1.02		1.04
	RRl	0.60	0.71	0.84		0.87
	RRu	4.28	1.51	1.25		1.24
	P	N.S.	N.S.	N.S.		N.S.
Random	RR	1.60	1.04	1.18		1.17
	RRl	0.60	0.70	0.70		0.83
	RRu	4.28	1.54	1.98		1.65
	P	N.S.	N.S.	N.S.		N.S.
Asymm	P			N.S.		N.S.
Between	Chi		0.66	0.75		0.76
Between	df		1	1		2
Between	P		N.S.	N.S.	N.S.	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all except spouse (x), mother (m), father-in-law (q)  
 2) TIM Time of exposure = ever (e), in adulthood (a)

Table 118  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Excluding Spouse (including mother where no more comprehensive index available) - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
32	STOCKW	8	f	m	e	3	-	-	-	-	1.60	( 0.60- 4.30)
Partial Totals							0	0	0	0		

\*prospective study

Europe

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
27	KALAND	7	f	x	e	0	75	92	15	26	1.41	( 0.70- 2.86)
48	ZARIDZ	11	f	x	e	0	38	73	151	285	0.98	( 0.63- 1.52)
Totals							113	165	166	311		

\*prospective study

Asia

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
22	SHIMIZ	4	f	m	e	0	10	5	80	158	3.95	( 1.31- 11.95)
29	WU-WIL	5	f	m	e	0	119	192	298	410	0.85	( 0.65- 1.12)
40	SUN	8	f	m	e	2	-	-	-	-	2.05	( 1.29- 3.27)
54	LEECH	9	f	q	a	0	51	93	217	352	0.89	( 0.61- 1.30)
*59	NISHIN	3	f	x	c	0	7	28977	17	44950	0.64	( 0.26- 1.54)
Partial Totals							187	29267	612	45870		

\*prospective study

Relative risks			NAmerica	Europe	Asia	Other	Total
		N	1	2	5		8
		NS	1	2	5		8
		Wt	3.96	27.67	103.83		135.47
	Het	Chi	0.00	0.74	17.62		19.10
	Het	df	0	1	4		7
	Het	P	N.S.	N.S.	**		**
Fixed	RR		1.60	1.09	1.03		1.06
	RRl		0.60	0.75	0.85		0.89
	RRu		4.28	1.58	1.25		1.25
	P		N.S.	N.S.	N.S.		N.S.
Random	RR		1.60	1.09	1.20		1.19
	RRl		0.60	0.75	0.75		0.86
	RRu		4.28	1.58	1.93		1.63
	P		N.S.	N.S.	N.S.		N.S.
Asymm	P				N.S.		N.S.
Between	Chi			0.52	0.73		0.75
Between	df			1	1		2
Between	P			N.S.	N.S.	N.S.	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all except spouse (x), mother (m), father-in-law (q)  
 2) TIM Time of exposure = ever (e), in adulthood (a)



Table 119  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Excluding Spouse (including father where no more comprehensive index available) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers		Non-exposed		RR	95.00%CI
							Exposed	Cont	Case	Cont		
22	SHIMIZ	3	f	f	e	0	39	67	51	96	1.10	( 0.65- 1.84)
27	KALAND	7	f	x	e	0	75	92	15	26	1.41	( 0.70- 2.86)
29	WU-WIL	7	f	f	e	0	182	250	235	352	1.09	( 0.85- 1.40)
32	STOCKW	9	f	f	e	3	-	-	-	-	1.20	( 0.60- 2.30)
40	SUN	9	f	f	e	2	-	-	-	-	2.35	( 1.56- 3.54)
48	ZARIDZ	12	f	x	e	2	-	-	-	-	0.91	( 0.58- 1.42)
54	LEECH	10	f	q	a	7	-	-	-	-	0.80	( 0.51- 1.24)
*59	NISHIN	4	f	x	c	7	-	-	-	-	0.53	( 0.18- 1.50)
Partial Totals							296	409	301	474		

\*prospective study

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Ys	Ws	Qs	Ps
22	SHIMIZ	3	f	f	e	0	0.09	14.17	0.04	0.7309
27	KALAND	7	f	x	e	0	0.35	7.73	0.32	0.3363
29	WU-WIL	7	f	f	e	0	0.09	60.27	0.18	0.5014
32	STOCKW	9	f	f	e	3	0.18	8.51	0.01	0.5948
40	SUN	9	f	f	e	2	0.85	22.88	11.64	0.0000
48	ZARIDZ	12	f	x	e	2	-0.09	19.17	1.06	0.6797
54	LEECH	10	f	q	a	7	-0.22	19.47	2.58	0.3249
*59	NISHIN	4	f	x	c	7	-0.63	3.42	2.06	0.2405

Relative risks

N	8
NS	8
Wt	155.62
Het Chi	17.90
Het df	7
Het P	*
Fixed RR	1.15
RRl	0.98
RRu	1.35
P	(+)
Random RR	1.14
RRl	0.86
RRu	1.50
P	N.S.
Asymm P	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all except spouse (x), father (f), father-in-law (q)  
 2) TIM Time of exposure = ever (e), in adulthood (a), current (c)

Table 120  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Excluding Spouse (including father where no more comprehensive index available) - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers		Non-exposed		RR	95.00%CI
							Exposed	Cont	Case	Cont		
22	SHIMIZ	3	f	f	e	0	39	67	51	96	1.10	( 0.65- 1.84)
27	KALAND	7	f	x	e	0	75	92	15	26	1.41	( 0.70- 2.86)
29	WU-WIL	7	f	f	e	0	182	250	235	352	1.09	( 0.85- 1.40)
32	STOCKW	9	f	f	e	3	-	-	-	-	1.20	( 0.60- 2.30)
40	SUN	9	f	f	e	2	-	-	-	-	2.35	( 1.56- 3.54)
48	ZARIDZ	11	f	x	e	0	38	73	151	285	0.98	( 0.63- 1.52)
54	LEECH	9	f	q	a	0	51	93	217	352	0.89	( 0.61- 1.30)
*59	NISHIN	3	f	x	c	0	7	28977	17	44950	0.64	( 0.26- 1.54)
Partial Totals							392	29552	686	46061		

\*prospective study

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Ys	Ws	Qs	Ps
22	SHIMIZ	3	f	f	e	0	0.09	14.17	0.05	0.7309
27	KALAND	7	f	x	e	0	0.35	7.73	0.30	0.3363
29	WU-WIL	7	f	f	e	0	0.09	60.27	0.24	0.5014
32	STOCKW	9	f	f	e	3	0.18	8.51	0.01	0.5948
40	SUN	9	f	f	e	2	0.85	22.88	11.38	0.0000
48	ZARIDZ	11	f	x	e	0	-0.02	19.94	0.56	0.9371
54	LEECH	9	f	q	a	0	-0.12	26.45	1.88	0.5472
*59	NISHIN	3	f	x	c	0	-0.45	4.96	1.77	0.3181

Relative risks

N	8
NS	8
Wt	164.92
Het Chi	16.17
Het df	7
Het P	*
Fixed RR	1.16
RRl	1.00
RRu	1.35
P	(+)
Random RR	1.16
RRl	0.90
RRu	1.50
P	N.S.
Asymm P	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all except spouse (x), father (f), father-in-law (q)  
 2) TIM Time of exposure = ever (e), in adulthood (a), current (c)

Table 121  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Excluding Spouse (including father where no more comprehensive index available) - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
32	STOCKW	9	f	f	e	3	-	-	-	-	1.20	( 0.60- 2.30)
Partial Totals							0	0	0	0		

\*prospective study

Europe

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
27	KALAND	7	f	x	e	0	75	92	15	26	1.41	( 0.70- 2.86)
48	ZARIDZ	12	f	x	e	2	-	-	-	-	0.91	( 0.58- 1.42)
Partial Totals							75	92	15	26		

\*prospective study

Asia

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
22	SHIMIZ	3	f	f	e	0	39	67	51	96	1.10	( 0.65- 1.84)
29	WU-WIL	7	f	f	e	0	182	250	235	352	1.09	( 0.85- 1.40)
40	SUN	9	f	f	e	2	-	-	-	-	2.35	( 1.56- 3.54)
54	LEECH	10	f	q	a	7	-	-	-	-	0.80	( 0.51- 1.24)
*59	NISHIN	4	f	x	c	7	-	-	-	-	0.53	( 0.18- 1.50)
Partial Totals							221	317	286	448		

\*prospective study

Relative risks		NAmerica	Europe	Asia	Other	Total
	N	1	2	5		8
	NS	1	2	5		8
	Wt	8.51	26.90	120.21		155.62
	Het Chi	0.00	1.07	16.44		17.90
	Het df	0	1	4		7
	Het P	N.S.	N.S.	**		*
Fixed	RR	1.20	1.03	1.18		1.15
	RRl	0.61	0.71	0.98		0.98
	RRu	2.35	1.51	1.41		1.35
	P	N.S.	N.S.	(+)		(+)
Random	RR	1.20	1.04	1.13		1.14
	RRl	0.61	0.70	0.75		0.86
	RRu	2.35	1.54	1.71		1.50
	P	N.S.	N.S.	N.S.		N.S.
Asymm	P			N.S.		N.S.
Between	Chi		0.15	0.00		0.39
Between	df		1	1		2
Between	P		N.S.	N.S.	N.S.	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all except spouse (x), father (f), father-in-law (q)  
 2) TIM Time of exposure = ever (e), in adulthood (a), current (c)

Table 122  
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 10-MAR-05  
 Excluding Spouse (including father where no more comprehensive index available) - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
32	STOCKW	9	f	f	e	3	-	-	-	-	1.20	( 0.60- 2.30)
Partial Totals							0	0	0	0		

\*prospective study

Europe

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
27	KALAND	7	f	x	e	0	75	92	15	26	1.41	( 0.70- 2.86)
48	ZARIDZ	11	f	x	e	0	38	73	151	285	0.98	( 0.63- 1.52)
Totals							113	165	166	311		

\*prospective study

Asia

StN	Ref	NRR	SEX	HOU	TIM	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
22	SHIMIZ	3	f	f	e	0	39	67	51	96	1.10	( 0.65- 1.84)
29	WU-WIL	7	f	f	e	0	182	250	235	352	1.09	( 0.85- 1.40)
40	SUN	9	f	f	e	2	-	-	-	-	2.35	( 1.56- 3.54)
54	LEECH	9	f	q	a	0	51	93	217	352	0.89	( 0.61- 1.30)
*59	NISHIN	3	f	x	c	0	7	28977	17	44950	0.64	( 0.26- 1.54)
Partial Totals							279	29387	520	45750		

\*prospective study

Relative risks		NAmerica	Europe	Asia	Other	Total
	N	1	2	5		8
	NS	1	2	5		8
	Wt	8.51	27.67	128.73		164.92
	Het Chi	0.00	0.74	15.29		16.17
	Het df	0	1	4		7
	Het P	N.S.	N.S.	**		*
Fixed	RR	1.20	1.09	1.17		1.16
	RRl	0.61	0.75	0.99		1.00
	RRu	2.35	1.58	1.40		1.35
	P	N.S.	N.S.	(+)		(+)
Random	RR	1.20	1.09	1.16		1.16
	RRl	0.61	0.75	0.80		0.90
	RRu	2.35	1.58	1.69		1.50
	P	N.S.	N.S.	N.S.		N.S.
Asymm	P			N.S.		N.S.
Between	Chi		0.06	0.00		0.15
Between	df		1	1		2
Between	P		N.S.	N.S.	N.S.	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) HOU Household exposure = all except spouse (x), father (f), father-in-law (q)  
 2) TIM Time of exposure = ever (e), in adulthood (a), current (c)

Table 123  
ETS and Lung Cancer - Meta-Analysis of Travel Exposure, 10-MAR-05  
 Both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
12	LEE	21	m	0	3	29	8	101	1.31	( 0.33- 5.24)
12	LEE	22	f	0	2	64	28	238	0.27	( 0.06- 1.14)
Subtotal 12									0.61	( 0.22- 1.68)
38	KABAT2	27	m	0	9	18	32	99	1.55	( 0.63- 3.78)
38	KABAT2	28	f	0	19	32	50	155	1.84	( 0.96- 3.53)
Subtotal 38									1.73	( 1.02- 2.93)
46	BOFFET	90	m	2	-	-	-	-	1.39	( 0.84- 2.28)
46	BOFFET	92	f	2	-	-	-	-	1.07	( 0.79- 1.45)
Subtotal 46									1.15	( 0.89- 1.49)
51	RAPITI	28	c	3	-	-	-	-	5.20	( 1.90- 14.00)
60	OHNO	24	f	2	-	-	-	-	0.99	( 0.57- 1.72)
Partial Totals					33	143	118	593		

\*prospective study

StN	Ref	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
12	LEE	21	m	0	0.27	1.99	0.00	0.7065
12	LEE	22	f	0	-1.33	1.80	4.29	0.0753
Subtotal 12					-1.49	3.79	4.29	
38	KABAT2	27	m	0	0.44	4.81	0.23	0.3388
38	KABAT2	28	f	0	0.61	9.06	1.39	0.0662
Subtotal 38					0.61	13.87	1.62	
46	BOFFET	90	m	2	0.33	15.41	0.19	0.1961
46	BOFFET	92	f	2	0.07	41.66	0.94	0.6623
Subtotal 46					-0.04	57.08	1.13	
51	RAPITI	28	c	3	1.65	3.85	7.88	0.0012
60	OHNO	24	f	2	-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.

-----  
 Where more than one index of travel exposure was available, the index with the largest number of exposed subjects was chosen

Table 124  
ETS and Lung Cancer - Meta-Analysis of Travel Exposure, 10-MAR-05  
 Both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
12	LEE	21	m	0	3	29	8	101	1.31	( 0.33- 5.24)
12	LEE	22	f	0	2	64	28	238	0.27	( 0.06- 1.14)
Subtotal	12								0.61	( 0.22- 1.68)
38	KABAT2	27	m	0	9	18	32	99	1.55	( 0.63- 3.78)
38	KABAT2	28	f	0	19	32	50	155	1.84	( 0.96- 3.53)
Subtotal	38								1.73	( 1.02- 2.93)
46	BOFFET	89	m	0	36	125	105	406	1.11	( 0.73- 1.71)
46	BOFFET	91	f	0	89	185	420	826	0.95	( 0.72- 1.25)
Subtotal	46								0.99	( 0.79- 1.25)
51	RAPITI	28	c	3	-	-	-	-	5.20	( 1.90- 14.00)
60	OHNO	23	f	0	22	38	167	287	0.99	( 0.57- 1.74)
Partial Totals					180	491	810	2112		

\*prospective study

StN	Ref	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
12	LEE	21	m	0	0.27	1.99	0.05	0.7065
12	LEE	22	f	0	-1.33	1.80	3.72	0.0753
Subtotal	12				-1.28	3.79	3.76	
38	KABAT2	27	m	0	0.44	4.81	0.51	0.3388
38	KABAT2	28	f	0	0.61	9.06	2.26	0.0662
Subtotal	38				0.82	13.87	2.76	
46	BOFFET	89	m	0	0.11	20.94	0.00	0.6225
46	BOFFET	91	f	0	-0.06	49.42	1.37	0.6970
Subtotal	46				-0.17	70.36	1.37	
51	RAPITI	28	c	3	1.65	3.85	9.11	0.0012
60	OHNO	23	f	0	-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.

-----  
 Where more than one index of travel exposure was available, the index with the largest number of exposed subjects was chosen

Table 125  
ETS and Lung Cancer - Meta-Analysis of Travel Exposure, 10-MAR-05  
 Both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
38	KABAT2	27	m	0	9	18	32	99	1.55	( 0.63- 3.78)
38	KABAT2	28	f	0	19	32	50	155	1.84	( 0.96- 3.53)
Subtotal 38									1.73	( 1.02- 2.93)
Totals					28	50	82	254		

\*prospective study

Europe

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
12	LEE	21	m	0	3	29	8	101	1.31	( 0.33- 5.24)
12	LEE	22	f	0	2	64	28	238	0.27	( 0.06- 1.14)
Subtotal 12									0.61	( 0.22- 1.68)
46	BOFFET	90	m	2	-	-	-	-	1.39	( 0.84- 2.28)
46	BOFFET	92	f	2	-	-	-	-	1.07	( 0.79- 1.45)
Subtotal 46									1.15	( 0.89- 1.49)
Partial Totals					5	93	36	339		

\*prospective study

Asia

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
51	RAPITI	28	c	3	-	-	-	-	5.20	( 1.90- 14.00)
60	OHNO	24	f	2	-	-	-	-	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.	N.S.

-----  
 Where more than one index of travel exposure was available, the index with the largest number of exposed subjects was chosen

Table 126  
ETS and Lung Cancer - Meta-Analysis of Travel Exposure, 10-MAR-05  
 Both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
38	KABAT2	27	m	0	9	18	32	99	1.55	( 0.63- 3.78)
38	KABAT2	28	f	0	19	32	50	155	1.84	( 0.96- 3.53)
Subtotal 38									1.73	( 1.02- 2.93)
Totals					28	50	82	254		

\*prospective study

Europe

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
12	LEE	21	m	0	3	29	8	101	1.31	( 0.33- 5.24)
12	LEE	22	f	0	2	64	28	238	0.27	( 0.06- 1.14)
Subtotal 12									0.61	( 0.22- 1.68)
46	BOFFET	89	m	0	36	125	105	406	1.11	( 0.73- 1.71)
46	BOFFET	91	f	0	89	185	420	826	0.95	( 0.72- 1.25)
Subtotal 46									0.99	( 0.79- 1.25)
Totals					130	403	561	1571		

\*prospective study

Asia

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
51	RAPITI	28	c	3	-	-	-	-	5.20	( 1.90- 14.00)
60	OHNO	23	f	0	22	38	167	287	0.99	( 0.57- 1.74)
Partial Totals					22	38	167	287		

\*prospective study

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	2	4	2		8
	NS	1	2	2		5
	Wt	13.87	74.15	16.16		104.18
	Het Chi	0.09	3.63	8.02		17.17
	Het df	1	3	1		7
	Het P	N.S.	N.S.	**		*
	Fixed RR	1.73	0.97	1.48		1.12
	RRl	1.02	0.77	0.91		0.92
	RRu	2.93	1.22	2.40		1.35
	P	+	N.S.	N.S.		N.S.
	Random RR	1.73	0.96	2.16		1.26
	RRl	1.02	0.72	0.43		0.87
	RRu	2.93	1.29	10.86		1.81
	P	+	N.S.	N.S.		N.S.
	Asymm P		N.S.			N.S.
	Between Chi		3.95	0.19		5.43
	Between df		1	1		2
	Between P		-	N.S.	N.S.	(*)

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 Where more than one index of travel exposure was available, the index with the largest number of exposed subjects was chosen



Table 127  
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 10-MAR-05  
 Both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
8	GARFI2	11	f	0	19	43	42	135	1.42	( 0.75- 2.70)
12	LEE	11	m	0	9	87	3	45	1.55	( 0.40- 6.02)
12	LEE	12	f	0	16	202	15	116	0.61	( 0.29- 1.28)
Subtotal 12									0.76	( 0.40- 1.45)
26	JANERI	9	c	0	-	-	-	-	0.59	( 0.43- 0.81)
35	FONTHA	22	f	8	-	-	-	-	1.50	( 1.19- 1.89)
38	KABAT2	11	m	0	25	62	16	55	1.39	( 0.67- 2.86)
38	KABAT2	12	f	0	28	67	41	120	1.22	( 0.69- 2.15)
Subtotal 38									1.28	( 0.82- 2.00)
*43	CARDEN	19	m	7	-	-	-	-	0.58	( 0.34- 0.99)
*43	CARDEN	20	f	7	-	-	-	-	0.99	( 0.62- 1.56)
Subtotal 43									0.79	( 0.56- 1.12)
46	BOFFET	48	m	2	-	-	-	-	1.24	( 0.79- 1.93)
46	BOFFET	50	f	2	-	-	-	-	0.95	( 0.73- 1.24)
Subtotal 46									1.02	( 0.81- 1.28)
60	OHNO	26	f	2	-	-	-	-	1.25	( 0.63- 2.48)
Partial Totals					97	461	117	471		

\*prospective study

StN	Ref	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	11	f	0	0.35	9.34	0.91	0.2837
12	LEE	11	m	0	0.44	2.09	0.34	0.5252
12	LEE	12	f	0	-0.49	7.01	1.96	0.1945
Subtotal 12					-0.13	9.10	2.29	
26	JANERI	9	c	0	-0.53	38.32	12.29	0.0011
35	FONTHA	22	f	8	0.41	71.80	9.66	0.0006
38	KABAT2	11	m	0	0.33	7.31	0.61	0.3774
38	KABAT2	12	f	0	0.20	12.00	0.32	0.4854
Subtotal 38					0.45	19.31	0.92	
*43	CARDEN	19	m	7	-0.54	13.45	4.58	0.0457
*43	CARDEN	20	f	7	-0.01	18.05	0.04	0.9659
Subtotal 43					-0.63	31.50	4.62	
46	BOFFET	48	m	2	0.22	19.26	0.60	0.3452
46	BOFFET	50	f	2	-0.05	54.74	0.44	0.7043
Subtotal 46					0.09	74.00	1.04	
60	OHNO	26	f	2	0.22	8.18	0.28	0.5233

Relative risks

	N	12
	NS	8
	Wt	261.53
Het	Chi	32.02
Het	df	11
Het	P	***
Fixed	RR	1.04
	RR1	0.92
	RRu	1.17
	P	N.S.
Random	RR	1.02
	RR1	0.80
	RRu	1.28
	P	N.S.
Asymm	P	N.S.

-----  
 Where more than one index of social exposure was available, the index with the largest number of exposed subjects was chosen

Table 128  
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 10-MAR-05  
 Both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
8	GARFI2	11	f	0	19	43	42	135	1.42	( 0.75- 2.70)
12	LEE	11	m	0	9	87	3	45	1.55	( 0.40- 6.02)
12	LEE	12	f	0	16	202	15	116	0.61	( 0.29- 1.28)
Subtotal 12									0.76	( 0.40- 1.45)
26	JANERI	9	c	0	-	-	-	-	0.59	( 0.43- 0.81)
35	FONTHA	21	f	0	189	297	426	947	1.41	( 1.14- 1.75)
38	KABAT2	11	m	0	25	62	16	55	1.39	( 0.67- 2.86)
38	KABAT2	12	f	0	28	67	41	120	1.22	( 0.69- 2.15)
Subtotal 38									1.28	( 0.82- 2.00)
*43	CARDEN	19	m	7	-	-	-	-	0.58	( 0.34- 0.99)
*43	CARDEN	20	f	7	-	-	-	-	0.99	( 0.62- 1.56)
Subtotal 43									0.79	( 0.56- 1.12)
46	BOFFET	47	m	0	55	204	86	327	1.03	( 0.70- 1.50)
46	BOFFET	49	f	0	119	250	390	761	0.93	( 0.72- 1.19)
Subtotal 46									0.96	( 0.78- 1.18)
60	OHNO	25	f	0	16	23	172	303	1.23	( 0.63- 2.38)
Partial Totals					476	1235	1191	2809		

\*prospective study

StN	Ref	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	11	f	0	0.35	9.34	1.05	0.2837
12	LEE	11	m	0	0.44	2.09	0.38	0.5252
12	LEE	12	f	0	-0.49	7.01	1.79	0.1945
Subtotal 12					-0.08	9.10	2.17	
26	JANERI	9	c	0	-0.53	38.32	11.31	0.0011
35	FONTHA	21	f	0	0.35	82.91	9.10	0.0016
38	KABAT2	11	m	0	0.33	7.31	0.71	0.3774
38	KABAT2	12	f	0	0.20	12.00	0.41	0.4854
Subtotal 38					0.50	19.31	1.12	
*43	CARDEN	19	m	7	-0.54	13.45	4.22	0.0457
*43	CARDEN	20	f	7	-0.01	18.05	0.01	0.9659
Subtotal 43					-0.59	31.50	4.24	
46	BOFFET	47	m	0	0.02	26.48	0.00	0.8984
46	BOFFET	49	f	0	-0.07	61.42	0.49	0.5627
Subtotal 46					-0.08	87.90	0.49	
60	OHNO	25	f	0	0.20	8.69	0.31	0.5489

Relative risks

	N	12
	NS	8
	Wt	287.05
	Het Chi	29.78
	Het df	11
	Het P	**
Fixed	RR	1.02
	RR1	0.90
	RRu	1.14
	P	N.S.
Random	RR	0.99
	RR1	0.79
	RRu	1.23
	P	N.S.
Asymm	P	N.S.

-----  
 Where more than one index of social exposure was available, the index with the largest number of exposed subjects was chosen

Table 129  
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 10-MAR-05  
 Both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
8	GARFI2	11	f	0	19	43	42	135	1.42	( 0.75- 2.70)
26	JANERI	9	c	0	-	-	-	-	0.59	( 0.43- 0.81)
35	FONTHA	22	f	8	-	-	-	-	1.50	( 1.19- 1.89)
38	KABAT2	11	m	0	25	62	16	55	1.39	( 0.67- 2.86)
38	KABAT2	12	f	0	28	67	41	120	1.22	( 0.69- 2.15)
Subtotal 38									1.28	( 0.82- 2.00)
*43	CARDEN	19	m	7	-	-	-	-	0.58	( 0.34- 0.99)
*43	CARDEN	20	f	7	-	-	-	-	0.99	( 0.62- 1.56)
Subtotal 43									0.79	( 0.56- 1.12)
Partial Totals					72	172	99	310		
*prospective study										

Europe

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
12	LEE	11	m	0	9	87	3	45	1.55	( 0.40- 6.02)
12	LEE	12	f	0	16	202	15	116	0.61	( 0.29- 1.28)
Subtotal 12									0.76	( 0.40- 1.45)
46	BOFFET	48	m	2	-	-	-	-	1.24	( 0.79- 1.93)
46	BOFFET	50	f	2	-	-	-	-	0.95	( 0.73- 1.24)
Subtotal 46									1.02	( 0.81- 1.28)
Partial Totals					25	289	18	161		
*prospective study										

Asia

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
60	OHNO	26	f	2	-	-	-	-	1.25	( 0.63- 2.48)
Partial Totals					0	0	0	0		
*prospective study										

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	7	4	1		12
	NS	5	2	1		8
	Wt	170.26	83.09	8.18		261.53
	Het Chi	28.35	3.11	0.00		32.02
	Het df	6	3	0		11
	Het P	***	N.S.	N.S.		***
Fixed	RR	1.06	0.99	1.25		1.04
	RRl	0.91	0.80	0.63		0.92
	RRu	1.23	1.22	2.48		1.17
	P	N.S.	N.S.	N.S.		N.S.
Random	RR	1.01	0.99	1.25		1.02
	RRl	0.70	0.79	0.63		0.80
	RRu	1.46	1.24	2.48		1.28
	P	N.S.	N.S.	N.S.		N.S.
Asymm	P	N.S.	N.S.	N.S.		N.S.
Between	Chi		0.27	0.22		0.56
Between	df		1	1		2
Between	P		N.S.	N.S.	N.S.	N.S.

-----  
 Where more than one index of social exposure was available, the index with the largest number of exposed subjects was chosen

Table 130  
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 10-MAR-05  
 Both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
8	GARFI2	11	f	0	19	43	42	135	1.42	( 0.75- 2.70)
26	JANERI	9	c	0	-	-	-	-	0.59	( 0.43- 0.81)
35	FONTHA	21	f	0	189	297	426	947	1.41	( 1.14- 1.75)
38	KABAT2	11	m	0	25	62	16	55	1.39	( 0.67- 2.86)
38	KABAT2	12	f	0	28	67	41	120	1.22	( 0.69- 2.15)
Subtotal 38									1.28	( 0.82- 2.00)
*43	CARDEN	19	m	7	-	-	-	-	0.58	( 0.34- 0.99)
*43	CARDEN	20	f	7	-	-	-	-	0.99	( 0.62- 1.56)
Subtotal 43									0.79	( 0.56- 1.12)
Partial Totals					261	469	525	1257		

\*prospective study

Europe

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
12	LEE	11	m	0	9	87	3	45	1.55	( 0.40- 6.02)
12	LEE	12	f	0	16	202	15	116	0.61	( 0.29- 1.28)
Subtotal 12									0.76	( 0.40- 1.45)
46	BOFFET	47	m	0	55	204	86	327	1.03	( 0.70- 1.50)
46	BOFFET	49	f	0	119	250	390	761	0.93	( 0.72- 1.19)
Subtotal 46									0.96	( 0.78- 1.18)
Totals					199	743	494	1249		

\*prospective study

Asia

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
60	OHNO	25	f	0	16	23	172	303	1.23	( 0.63- 2.38)
Totals					16	23	172	303		

\*prospective study

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	7	4	1		12
	NS	5	2	1		8
	Wt	181.37	96.99	8.69		287.05
	Het Chi	26.59	2.02	0.00		29.78
	Het df	6	3	0		11
	Het P	***	N.S.	N.S.		**
Fixed	RR	1.05	0.94	1.23		1.02
	RRl	0.91	0.77	0.63		0.90
	RRu	1.22	1.14	2.38		1.14
	P	N.S.	N.S.	N.S.		N.S.
Random	RR	1.00	0.94	1.23		0.99
	RRl	0.71	0.77	0.63		0.79
	RRu	1.42	1.14	2.38		1.23
	P	N.S.	N.S.	N.S.		N.S.
Asymm	P	N.S.	N.S.	N.S.		N.S.
Between	Chi		0.85	0.19		1.17
Between	df		1	1		2
Between	P		N.S.	N.S.	N.S.	N.S.

-----  
 Where more than one index of social exposure was available, the index with the largest number of exposed subjects was chosen

Table A 127  
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 10-MAR-05  
 Alternative analysis excluding Janerich - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
8	GARFI2	11	f	0	19	43	42	135	1.42	( 0.75- 2.70)
12	LEE	11	m	0	9	87	3	45	1.55	( 0.40- 6.02)
12	LEE	12	f	0	16	202	15	116	0.61	( 0.29- 1.28)
Subtotal 12									0.76	( 0.40- 1.45)
35	FONTHA	22	f	8	-	-	-	-	1.50	( 1.19- 1.89)
38	KABAT2	11	m	0	25	62	16	55	1.39	( 0.67- 2.86)
38	KABAT2	12	f	0	28	67	41	120	1.22	( 0.69- 2.15)
Subtotal 38									1.28	( 0.82- 2.00)
*43	CARDEN	19	m	7	-	-	-	-	0.58	( 0.34- 0.99)
*43	CARDEN	20	f	7	-	-	-	-	0.99	( 0.62- 1.56)
Subtotal 43									0.79	( 0.56- 1.12)
46	BOFFET	48	m	2	-	-	-	-	1.24	( 0.79- 1.93)
46	BOFFET	50	f	2	-	-	-	-	0.95	( 0.73- 1.24)
Subtotal 46									1.02	( 0.81- 1.28)
60	OHNO	26	f	2	-	-	-	-	1.25	( 0.63- 2.48)
Partial Totals					97	461	117	471		

\*prospective study

StN	Ref	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	11	f	0	0.35	9.34	0.43	0.2837
12	LEE	11	m	0	0.44	2.09	0.19	0.5252
12	LEE	12	f	0	-0.49	7.01	2.75	0.1945
Subtotal 12					-0.32	9.10	2.94	
35	FONTHA	22	f	8	0.41	71.80	5.22	0.0006
38	KABAT2	11	m	0	0.33	7.31	0.27	0.3774
38	KABAT2	12	f	0	0.20	12.00	0.05	0.4854
Subtotal 38					0.26	19.31	0.32	
*43	CARDEN	19	m	7	-0.54	13.45	6.23	0.0457
*43	CARDEN	20	f	7	-0.01	18.05	0.38	0.9659
Subtotal 43					-0.83	31.50	6.62	
46	BOFFET	48	m	2	0.22	19.26	0.12	0.3452
46	BOFFET	50	f	2	-0.05	54.74	1.92	0.7043
Subtotal 46					-0.11	74.00	2.04	
60	OHNO	26	f	2	0.22	8.18	0.06	0.5233

Relative risks

N	11
NS	7
Wt	223.21
Het Chi	17.62
Het df	10
Het P	(*)
Fixed RR	1.15
RR1	1.00
RRu	1.31
P	+
Random RR	1.10
RR1	0.90
RRu	1.34
P	N.S.
Asymm P	N.S.

-----  
 Where more than one index of social exposure was available, the index with the largest number of exposed subjects was chosen

Table A 128  
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 10-MAR-05  
 Alternative analysis excluding Janerich - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
8	GARFI2	11	f	0	19	43	42	135	1.42	( 0.75- 2.70)
12	LEE	11	m	0	9	87	3	45	1.55	( 0.40- 6.02)
12	LEE	12	f	0	16	202	15	116	0.61	( 0.29- 1.28)
Subtotal 12									0.76	( 0.40- 1.45)
35	FONTHA	21	f	0	189	297	426	947	1.41	( 1.14- 1.75)
38	KABAT2	11	m	0	25	62	16	55	1.39	( 0.67- 2.86)
38	KABAT2	12	f	0	28	67	41	120	1.22	( 0.69- 2.15)
Subtotal 38									1.28	( 0.82- 2.00)
*43	CARDEN	19	m	7	-	-	-	-	0.58	( 0.34- 0.99)
*43	CARDEN	20	f	7	-	-	-	-	0.99	( 0.62- 1.56)
Subtotal 43									0.79	( 0.56- 1.12)
46	BOFFET	47	m	0	55	204	86	327	1.03	( 0.70- 1.50)
46	BOFFET	49	f	0	119	250	390	761	0.93	( 0.72- 1.19)
Subtotal 46									0.96	( 0.78- 1.18)
60	OHNO	25	f	0	16	23	172	303	1.23	( 0.63- 2.38)
Partial Totals					476	1235	1191	2809		

\*prospective study

StN	Ref	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	11	f	0	0.35	9.34	0.59	0.2837
12	LEE	11	m	0	0.44	2.09	0.24	0.5252
12	LEE	12	f	0	-0.49	7.01	2.43	0.1945
Subtotal 12					-0.25	9.10	2.68	
35	FONTHA	21	f	0	0.35	82.91	5.08	0.0016
38	KABAT2	11	m	0	0.33	7.31	0.38	0.3774
38	KABAT2	12	f	0	0.20	12.00	0.13	0.4854
Subtotal 38					0.33	19.31	0.50	
*43	CARDEN	19	m	7	-0.54	13.45	5.58	0.0457
*43	CARDEN	20	f	7	-0.01	18.05	0.22	0.9659
Subtotal 43					-0.75	31.50	5.80	
46	BOFFET	47	m	0	0.02	26.48	0.15	0.8984
46	BOFFET	49	f	0	-0.07	61.42	1.84	0.5627
Subtotal 46					-0.25	87.90	1.99	
60	OHNO	25	f	0	0.20	8.69	0.09	0.5489

Relative risks

	N	11
	NS	7
	Wt	248.73
Het	Chi	16.73
Het	df	10
Het	P	(*)
Fixed	RR	1.10
	RR1	0.98
	RRu	1.25
	P	N.S.
Random	RR	1.06
	RR1	0.88
	RRu	1.28
	P	N.S.
Asymm	P	N.S.

-----  
 Where more than one index of social exposure was available, the index with the largest number of exposed subjects was chosen

Table A 129  
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 10-MAR-05  
 Alternative analysis excluding Janerich - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
8	GARFI2	11	f	0	19	43	42	135	1.42	( 0.75- 2.70)
35	FONTHA	22	f	8	-	-	-	-	1.50	( 1.19- 1.89)
38	KABAT2	11	m	0	25	62	16	55	1.39	( 0.67- 2.86)
38	KABAT2	12	f	0	28	67	41	120	1.22	( 0.69- 2.15)
Subtotal 38									1.28	( 0.82- 2.00)
*43	CARDEN	19	m	7	-	-	-	-	0.58	( 0.34- 0.99)
*43	CARDEN	20	f	7	-	-	-	-	0.99	( 0.62- 1.56)
Subtotal 43									0.79	( 0.56- 1.12)
Partial Totals					72	172	99	310		
*prospective study										

Europe

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
12	LEE	11	m	0	9	87	3	45	1.55	( 0.40- 6.02)
12	LEE	12	f	0	16	202	15	116	0.61	( 0.29- 1.28)
Subtotal 12									0.76	( 0.40- 1.45)
46	BOFFET	48	m	2	-	-	-	-	1.24	( 0.79- 1.93)
46	BOFFET	50	f	2	-	-	-	-	0.95	( 0.73- 1.24)
Subtotal 46									1.02	( 0.81- 1.28)
Partial Totals					25	289	18	161		
*prospective study										

Asia

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
60	OHNO	26	f	2	-	-	-	-	1.25	( 0.63- 2.48)
Partial Totals					0	0	0	0		
*prospective study										

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	6	4	1		11
	NS	4	2	1		7
	Wt	131.94	83.09	8.18		223.21
	Het Chi	11.54	3.11	0.00		17.62
	Het df	5	3	0		10
	Het P	*	N.S.	N.S.		(*)
Fixed	RR	1.25	0.99	1.25		1.15
	RRl	1.06	0.80	0.63		1.00
	RRu	1.49	1.22	2.48		1.31
	P	++	N.S.	N.S.		+
Random	RR	1.14	0.99	1.25		1.10
	RRl	0.84	0.79	0.63		0.90
	RRu	1.54	1.24	2.48		1.34
	P	N.S.	N.S.	N.S.		N.S.
Asymm	P	N.S.	N.S.	N.S.		N.S.
Between	Chi		2.92	0.00		2.98
Between	df		1	1		2
Between	P		(-)	N.S.	N.S.	N.S.

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 Where more than one index of social exposure was available, the index with the largest number of exposed subjects was chosen

Table A 130  
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 10-MAR-05  
 Alternative analysis excluding Janerich - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
8	GARFI2	11	f	0	19	43	42	135	1.42	( 0.75- 2.70)
35	FONTHA	21	f	0	189	297	426	947	1.41	( 1.14- 1.75)
38	KABAT2	11	m	0	25	62	16	55	1.39	( 0.67- 2.86)
38	KABAT2	12	f	0	28	67	41	120	1.22	( 0.69- 2.15)
Subtotal 38									1.28	( 0.82- 2.00)
*43	CARDEN	19	m	7	-	-	-	-	0.58	( 0.34- 0.99)
*43	CARDEN	20	f	7	-	-	-	-	0.99	( 0.62- 1.56)
Subtotal 43									0.79	( 0.56- 1.12)
Partial Totals					261	469	525	1257		
*prospective study										

Europe

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
12	LEE	11	m	0	9	87	3	45	1.55	( 0.40- 6.02)
12	LEE	12	f	0	16	202	15	116	0.61	( 0.29- 1.28)
Subtotal 12									0.76	( 0.40- 1.45)
46	BOFFET	47	m	0	55	204	86	327	1.03	( 0.70- 1.50)
46	BOFFET	49	f	0	119	250	390	761	0.93	( 0.72- 1.19)
Subtotal 46									0.96	( 0.78- 1.18)
Totals					199	743	494	1249		
*prospective study										

Asia

StN	Ref	NRR	SEX	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
					Case	Cont	Case	Cont		
60	OHNO	25	f	0	16	23	172	303	1.23	( 0.63- 2.38)
Totals					16	23	172	303		
*prospective study										

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	6	4	1		11
	NS	4	2	1		7
	Wt	143.05	96.99	8.69		248.73
	Het Chi	10.37	2.02	0.00		16.73
	Het df	5	3	0		10
	Het P	(*)	N.S.	N.S.		(*)
Fixed	RR	1.23	0.94	1.23		1.10
	RRl	1.04	0.77	0.63		0.98
	RRu	1.45	1.14	2.38		1.25
	P	+	N.S.	N.S.		N.S.
Random	RR	1.13	0.94	1.23		1.06
	RRl	0.85	0.77	0.63		0.88
	RRu	1.50	1.14	2.38		1.28
	P	N.S.	N.S.	N.S.		N.S.
Asymm	P	N.S.	N.S.	N.S.		N.S.
Between	Chi		4.24	0.00		4.34
Between	df		1	1		2
Between	P		-	N.S.	N.S.	N.S.

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 Where more than one index of social exposure was available, the index with the largest number of exposed subjects was chosen



Table 131  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 10-MAR-05  
 Both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
8	GARFI2	8	f	z	a	0	92	266	42	136	1.12	( 0.74- 1.70)
9	LAMW	2	f	e	4	0	-	-	-	-	2.51	( 1.35- 4.67)
12	LEE	9	m	c	3	0	9	70	1	27	3.47	( 0.42- 28.72)
12	LEE	10	f	c	3	0	5	82	10	75	0.46	( 0.15- 1.40)
Subtotal 12											0.71	( 0.27- 1.91)
13	BROWN1	2	f	e	a	3	-	-	-	-	1.68	( 0.39- 6.90)
16	KOO	10	f	e	4	4	-	-	-	-	1.78	( 0.82- 3.87)
25	SVENSS	6	f	e	4	1	-	-	-	-	1.51	( 0.44- 5.17)
35	FONTHA	24	f	a	5	8	-	-	-	-	1.25	( 0.86- 1.83)
37	DEWAAR	1	f	c	a	0	19	124	4	67	2.57	( 0.84- 7.85)
40	SUN	6	f	a	4	2	-	-	-	-	1.83	( 1.20- 2.80)
41	WANGS	1	f	e	4	0	67	60	15	34	2.53	( 1.26- 5.10)
*43	CARDEN	14	m	c	a	1	-	-	-	-	0.60	( 0.40- 1.00)
*43	CARDEN	16	f	c	a	1	-	-	-	-	0.90	( 0.70- 1.20)
Subtotal 43											0.81	( 0.64- 1.02)
45	AUVINE	2	m	e	a	1	-	-	-	-	0.69	( 0.28- 1.74)
46	BOFFET	32	m	e	2	2	-	-	-	-	1.13	( 0.68- 1.89)
46	BOFFET	34	f	e	2	2	-	-	-	-	1.15	( 0.86- 1.55)
Subtotal 46											1.14	( 0.89- 1.48)
47	SHEN	1	f	y	a	0	56	59	14	11	0.75	( 0.31- 1.78)
49	BOFFE2	39	c	a	2	2	-	-	-	-	1.20	( 0.60- 2.50)
*52	SPEIZE	1	f	a	a	1	-	-	-	-	1.50	( 0.30- 6.30)
54	LEECH	20	f	e	4	7	-	-	-	-	1.93	( 1.30- 2.87)
55	MALATS	10	c	e	2	2	-	-	-	-	1.20	( 0.60- 2.30)
57	JOHNSO	6	f	e	4	4	-	-	-	-	1.44	( 0.70- 2.98)
64	ZATLOU	6	f	a	4	3	-	-	-	-	0.48	( 0.21- 1.09)
*67	VINEIS	1	c	c	4	7	-	-	-	-	1.05	( 0.60- 1.82)
Partial Totals							248	661	86	350		

\*prospective study

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	8	f	z	a	0	0.11	21.84	0.07	0.5966
9	LAMW	2	f	e	4	0	0.92	9.98	5.59	0.0037
12	LEE	9	m	c	3	0	1.24	0.86	0.99	0.2484
12	LEE	10	f	c	3	0	-0.78	3.07	2.80	0.1703
Subtotal 12							0.12	3.93	3.79	
13	BROWN1	2	f	e	a	3	0.52	1.86	0.22	0.4791
16	KOO	10	f	e	4	4	0.58	6.38	1.05	0.1452
25	SVENSS	6	f	e	4	1	0.41	2.53	0.15	0.5120
35	FONTHA	24	f	a	5	8	0.22	26.95	0.07	0.2467
37	DEWAAR	1	f	c	a	0	0.94	3.07	1.82	0.0986
40	SUN	6	f	a	4	2	0.60	21.40	4.00	0.0052
41	WANGS	1	f	e	4	0	0.93	7.83	4.49	0.0093
*43	CARDEN	14	m	c	a	1	-0.51	18.30	8.53	0.0289
*43	CARDEN	16	f	c	a	1	-0.11	52.89	4.06	0.4435
Subtotal 43							-0.96	71.19	12.59	
45	AUVINE	2	m	e	a	1	-0.37	4.60	1.36	0.4259
46	BOFFET	32	m	e	2	2	0.12	14.70	0.04	0.6393
46	BOFFET	34	f	e	2	2	0.14	44.28	0.05	0.3524
Subtotal 46							-0.08	58.98	0.08	
47	SHEN	1	f	y	a	0	-0.29	5.07	1.10	0.5088
49	BOFFE2	39	c	a	2	2	0.18	7.54	0.00	0.6165
*52	SPEIZE	1	f	a	a	1	0.41	1.66	0.09	0.6016
54	LEECH	20	f	e	4	7	0.66	24.50	5.78	0.0011
55	MALATS	10	c	e	2	2	0.18	8.51	0.00	0.5948
57	JOHNSO	6	f	e	4	4	0.36	7.32	0.27	0.3238
64	ZATLOU	6	f	a	4	3	-0.73	5.67	4.65	0.0806
*67	VINEIS	1	c	c	4	7	0.05	12.48	0.19	0.8632

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), last 20 yrs (y), current (c)  
 Values are also shown for TOT Total exposure type = any (a), sp/wk (2), home/wk/travel/leisure (3)  
 home/wk (4), home/wk/social (5)

Table 131  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 10-MAR-05  
 Both sexes  
 Overall analysis - adjusted

Relative risks

	N	24
	NS	21
	Wt	313.31
Het	Chi	47.36
Het	df	23
Het	P	**
Fixed	RR	1.19
	RRl	1.06
	RRu	1.33
	P	++
Random	RR	1.22
	RRl	1.02
	RRu	1.46
	P	+
Asymm	P	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), last 20 yrs (y), current (c)  
 Values are also shown for TOT Total exposure type = any (a), sp/wk (2), home/wk/travel/leisure (3)  
 home/wk (4), home/wk/social (5)

Table 132  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 10-MAR-05  
 Both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI		
							Case	Cont	Case	Cont				
8	GARFI2	8	f	z	a	0	92	266	42	136	1.12	( 0.74- 1.70)		
9	LAMW	2	f	e	4	0	-	-	-	-	2.51	( 1.35- 4.67)		
12	LEE	9	m	c	3	0	9	70	1	27	3.47	( 0.42- 28.72)		
12	LEE	10	f	c	3	0	5	82	10	75	0.46	( 0.15- 1.40)		
Subtotal 12												0.71	( 0.27- 1.91)	
13	BROWN1	1	f	e	a	0	4	7	15	40	1.52	( 0.39- 5.96)		
16	KOO	6	f	e	4	0	66	97	22	40	1.24	( 0.67- 2.27)		
25	SVENSS	2	f	e	4	0	27	139	7	35	0.97	( 0.39- 2.41)		
35	FONTHA	23	f	a	5	0	528	1115	48	118	1.16	( 0.82- 1.65)		
37	DEWAAR	1	f	c	a	0	19	124	4	67	2.57	( 0.84- 7.85)		
40	SUN	6	f	a	4	2	-	-	-	-	1.83	( 1.20- 2.80)		
41	WANGS	1	f	e	4	0	67	60	15	34	2.53	( 1.26- 5.10)		
*43	CARDEN	13	m	c	a	0	42	449918	74	336614	0.42	( 0.29- 0.62)		
*43	CARDEN	15	f	c	a	0	71	900309	175	1119778	0.50	( 0.38- 0.66)		
Subtotal 43													0.48	( 0.38- 0.59)
45	AUVINE	1	m	e	a	0	17	81	27	148	1.15	( 0.59- 2.24)		
46	BOFFET	31	m	e	2	0	107	390	34	141	1.14	( 0.74- 1.75)		
46	BOFFET	33	f	e	2	0	420	811	88	198	1.17	( 0.88- 1.54)		
Subtotal 46													1.16	( 0.92- 1.46)
47	SHEN	1	f	y	a	0	56	59	14	11	0.75	( 0.31- 1.78)		
49	BOFFE2	38	c	a	2	0	50	126	20	52	1.03	( 0.56- 1.90)		
*52	SPEIZE	1	f	a	a	1	-	-	-	-	1.50	( 0.30- 6.30)		
54	LEECH	19	f	e	4	0	189	249	79	196	1.88	( 1.36- 2.60)		
55	MALATS	5	c	e	2	0	90	84	32	37	1.24	( 0.71- 2.17)		
57	JOHNSO	5	f	e	4	0	61	626	10	135	1.32	( 0.66- 2.63)		
64	ZATLOU	3	f	a	4	0	7	155	77	734	0.43	( 0.19- 0.95)		
*67	VINEIS	13	c	c	4	0	57	71722	40	51757	1.03	( 0.69- 1.54)		
Partial Totals							1984	1426490	834	1510373				

\*prospective study

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	8	f	z	a	0	0.11	21.84	0.09	0.5966
9	LAMW	2	f	e	4	0	0.92	9.98	7.58	0.0037
12	LEE	9	m	c	3	0	1.24	0.86	1.23	0.2484
12	LEE	10	f	c	3	0	-0.78	3.07	2.12	0.1703
Subtotal 12							0.36	3.93	3.35	
13	BROWN1	1	f	e	a	0	0.42	2.06	0.29	0.5451
16	KOO	6	f	e	4	0	0.21	10.43	0.28	0.4921
25	SVENSS	2	f	e	4	0	-0.03	4.64	0.03	0.9499
35	FONTHA	23	f	a	5	0	0.15	31.15	0.33	0.3963
37	DEWAAR	1	f	c	a	0	0.94	3.07	2.45	0.0986
40	SUN	6	f	a	4	2	0.60	21.40	6.61	0.0052
41	WANGS	1	f	e	4	0	0.93	7.83	6.07	0.0093
*43	CARDEN	13	m	c	a	0	-0.86	26.80	21.96	0.0000
*43	CARDEN	15	f	c	a	0	-0.68	50.51	27.11	0.0000
Subtotal 43							-1.64	77.31	49.07	
45	AUVINE	1	m	e	a	0	0.14	8.70	0.07	0.6794
46	BOFFET	31	m	e	2	0	0.13	20.66	0.13	0.5574
46	BOFFET	33	f	e	2	0	0.15	49.93	0.54	0.2799
Subtotal 46							0.18	70.58	0.68	
47	SHEN	1	f	y	a	0	-0.29	5.07	0.59	0.5088
49	BOFFE2	38	c	a	2	0	0.03	10.29	0.00	0.9201
*52	SPEIZE	1	f	a	a	1	0.41	1.66	0.21	0.6016
54	LEECH	19	f	e	4	0	0.63	36.94	12.61	0.0001
55	MALATS	5	c	e	2	0	0.21	12.30	0.34	0.4525
57	JOHNSO	5	f	e	4	0	0.27	7.97	0.41	0.4387
64	ZATLOU	3	f	a	4	0	-0.84	6.11	4.86	0.0372
*67	VINEIS	13	c	c	4	0	0.03	23.52	0.01	0.8922

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), last 20 yrs (y), current (c)  
 Values are also shown for TOT Total exposure type = any (a), sp/wk (2), home/wk/travel/leisure (3)  
 home/wk (4), home/wk/social (5)

Table 132  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 10-MAR-05  
 Both sexes  
 Overall analysis- unadjusted

Relative risks

	N	24
	NS	21
	Wt	376.80
Het	Chi	95.92
Het	df	23
Het	P	***
Fixed	RR	1.05
	RRl	0.95
	RRu	1.16
	P	N.S.
Random	RR	1.13
	RRl	0.90
	RRu	1.41
	P	N.S.
Asymm	P	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), last 20 yrs (y), current (c)  
 Values are also shown for TOT Total exposure type = any (a), sp/wk (2), home/wk/travel/leisure (3)  
 home/wk (4), home/wk/social (5)

Table 133  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 10-MAR-05  
 Both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
8	GARFI2	8	f	z	a	0	92	266	42	136	1.12	( 0.74- 1.70)
13	BROWN1	2	f	e	a	3	-	-	-	-	1.68	( 0.39- 6.90)
35	FONTHA	24	f	a	5	8	-	-	-	-	1.25	( 0.86- 1.83)
*43	CARDEN	14	m	c	a	1	-	-	-	-	0.60	( 0.40- 1.00)
*43	CARDEN	16	f	c	a	1	-	-	-	-	0.90	( 0.70- 1.20)
Subtotal 43											0.81	( 0.64- 1.02)
*52	SPEIZE	1	f	a	a	1	-	-	-	-	1.50	( 0.30- 6.30)
57	JOHNSO	6	f	e	4	4	-	-	-	-	1.44	( 0.70- 2.98)
Partial Totals							92	266	42	136		

\*prospective study

Europe

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
12	LEE	9	m	c	3	0	9	70	1	27	3.47	( 0.42- 28.72)
12	LEE	10	f	c	3	0	5	82	10	75	0.46	( 0.15- 1.40)
Subtotal 12											0.71	( 0.27- 1.91)
25	SVENSS	6	f	e	4	1	-	-	-	-	1.51	( 0.44- 5.17)
37	DEWAAR	1	f	c	a	0	19	124	4	67	2.57	( 0.84- 7.85)
45	AUVINE	2	m	e	a	1	-	-	-	-	0.69	( 0.28- 1.74)
46	BOFFET	32	m	e	2	2	-	-	-	-	1.13	( 0.68- 1.89)
46	BOFFET	34	f	e	2	2	-	-	-	-	1.15	( 0.86- 1.55)
Subtotal 46											1.14	( 0.89- 1.48)
49	BOFFE2	39	c	a	2	2	-	-	-	-	1.20	( 0.60- 2.50)
55	MALATS	10	c	e	2	2	-	-	-	-	1.20	( 0.60- 2.30)
64	ZATLOU	6	f	a	4	3	-	-	-	-	0.48	( 0.21- 1.09)
*67	VINEIS	1	c	c	4	7	-	-	-	-	1.05	( 0.60- 1.82)
Partial Totals							33	276	15	169		

\*prospective study

Asia

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
9	LAMW	2	f	e	4	0	-	-	-	-	2.51	( 1.35- 4.67)
16	KOO	10	f	e	4	4	-	-	-	-	1.78	( 0.82- 3.87)
40	SUN	6	f	a	4	2	-	-	-	-	1.83	( 1.20- 2.80)
41	WANGS	1	f	e	4	0	67	60	15	34	2.53	( 1.26- 5.10)
47	SHEN	1	f	y	a	0	56	59	14	11	0.75	( 0.31- 1.78)
54	LEECH	20	f	e	4	7	-	-	-	-	1.93	( 1.30- 2.87)
Partial Totals							123	119	29	45		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), last 20 yrs (y), current (c)  
 Values are also shown for TOT Total exposure type = any (a), sp/wk (2), home/wk/travel/leisure (3)  
 home/wk (4), home/wk/social (5)

Table 133  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 10-MAR-05  
 Both sexes  
 By continent - adjusted

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	7	11	6		24
NS	6	9	6		21
Wt	130.82	107.32	75.17		313.31
Het Chi	8.70	11.07	5.91		47.36
Het df	6	10	5		23
Het P	N.S.	N.S.	N.S.		**
Fixed RR	0.98	1.08	1.89		1.19
RRl	0.83	0.89	1.50		1.06
RRu	1.17	1.30	2.36		1.33
P	N.S.	N.S.	+++		++
Random RR	1.00	1.07	1.88		1.22
RRl	0.80	0.86	1.46		1.02
RRu	1.27	1.32	2.42		1.46
P	N.S.	N.S.	+++		+
Asymm P	N.S.	N.S.	N.S.		N.S.
Between Chi		0.51	20.21		21.68
Between df		1	1		2
Between P		N.S.	+++	N.S.	***

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), last 20 yrs (y), current (c)  
 Values are also shown for TOT Total exposure type = any (a), sp/wk (2), home/wk/travel/leisure (3)  
 home/wk (4), home/wk/social (5)

Table 134  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 10-MAR-05  
 Both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
8	GARFI2	8	f	z	a	0	92	266	42	136	1.12	( 0.74- 1.70)
13	BROWN1	1	f	e	a	0	4	7	15	40	1.52	( 0.39- 5.96)
35	FONTHA	23	f	a	5	0	528	1115	48	118	1.16	( 0.82- 1.65)
*43	CARDEN	13	m	c	a	0	42	449918	74	336614	0.42	( 0.29- 0.62)
*43	CARDEN	15	f	c	a	0	71	900309	175	1119778	0.50	( 0.38- 0.66)
Subtotal 43											0.48	( 0.38- 0.59)
*52	SPEIZE	1	f	a	a	1	-	-	-	-	1.50	( 0.30- 6.30)
57	JOHNSO	5	f	e	4	0	61	626	10	135	1.32	( 0.66- 2.63)
Partial Totals							798	1352241	364	1456821		
*prospective study												

Europe

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
12	LEE	9	m	c	3	0	9	70	1	27	3.47	( 0.42- 28.72)
12	LEE	10	f	c	3	0	5	82	10	75	0.46	( 0.15- 1.40)
Subtotal 12											0.71	( 0.27- 1.91)
25	SVENSS	2	f	e	4	0	27	139	7	35	0.97	( 0.39- 2.41)
37	DEWAAR	1	f	c	a	0	19	124	4	67	2.57	( 0.84- 7.85)
45	AUVINE	1	m	e	a	0	17	81	27	148	1.15	( 0.59- 2.24)
46	BOFFET	31	m	e	2	0	107	390	34	141	1.14	( 0.74- 1.75)
46	BOFFET	33	f	e	2	0	420	811	88	198	1.17	( 0.88- 1.54)
Subtotal 46											1.16	( 0.92- 1.46)
49	BOFFE2	38	c	a	2	0	50	126	20	52	1.03	( 0.56- 1.90)
55	MALATS	5	c	e	2	0	90	84	32	37	1.24	( 0.71- 2.17)
64	ZATLOU	3	f	a	4	0	7	155	77	734	0.43	( 0.19- 0.95)
*67	VINEIS	13	c	c	4	0	57	71722	40	51757	1.03	( 0.69- 1.54)
Totals							808	73784	340	53271		
*prospective study												

Asia

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
9	LAMW	2	f	e	4	0	-	-	-	-	2.51	( 1.35- 4.67)
16	KOO	6	f	e	4	0	66	97	22	40	1.24	( 0.67- 2.27)
40	SUN	6	f	a	4	2	-	-	-	-	1.83	( 1.20- 2.80)
41	WANGS	1	f	e	4	0	67	60	15	34	2.53	( 1.26- 5.10)
47	SHEN	1	f	y	a	0	56	59	14	11	0.75	( 0.31- 1.78)
54	LEECH	19	f	e	4	0	189	249	79	196	1.88	( 1.36- 2.60)
Partial Totals							378	465	130	281		
*prospective study												

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), last 20 yrs (y), current (c)  
 Values are also shown for TOT Total exposure type = any (a), sp/wk (2), home/wk/travel/leisure (3)  
 home/wk (4), home/wk/social (5)

Table 134  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 10-MAR-05  
 Both sexes  
 By continent - unadjusted

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	7	11	6		24
NS	6	9	6		21
Wt	142.00	143.15	91.66		376.80
Het Chi	30.26	11.65	7.50		95.92
Het df	6	10	5		23
Het P	***	N.S.	N.S.		***
Fixed RR	0.72	1.08	1.79		1.05
RRl	0.61	0.92	1.46		0.95
RRu	0.85	1.28	2.20		1.16
P	---	N.S.	+++		N.S.
Random RR	0.86	1.07	1.76		1.13
RRl	0.56	0.89	1.34		0.90
RRu	1.32	1.29	2.30		1.41
P	N.S.	N.S.	+++		N.S.
Asymm P	N.S.	N.S.	N.S.		N.S.
Between Chi		11.85	46.30		46.52
Between df		1	1		2
Between P		+++	+++	N.S.	***

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), last 20 yrs (y), current (c)  
 Values are also shown for TOT Total exposure type = any (a), sp/wk (2), home/wk/travel/leisure (3)  
 home/wk (4), home/wk/social (5)



Table A 131  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 10-MAR-05  
 Alternative Vineis results (from nested CC) - both sexes  
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
8	GARFI2	8	f	z	a	0	92	266	42	136	1.12 ( 0.74-	1.70)	
9	LAMW	2	f	e	4	0	-	-	-	-	2.51 ( 1.35-	4.67)	
12	LEE	9	m	c	3	0	9	70	1	27	3.47 ( 0.42-	28.72)	
12	LEE	10	f	c	3	0	5	82	10	75	0.46 ( 0.15-	1.40)	
Subtotal 12												0.71 ( 0.27-	1.91)
13	BROWN1	2	f	e	a	3	-	-	-	-	1.68 ( 0.39-	6.90)	
16	KOO	10	f	e	4	4	-	-	-	-	1.78 ( 0.82-	3.87)	
25	SVENSS	6	f	e	4	1	-	-	-	-	1.51 ( 0.44-	5.17)	
35	FONTHA	24	f	a	5	8	-	-	-	-	1.25 ( 0.86-	1.83)	
37	DEWAAR	1	f	c	a	0	19	124	4	67	2.57 ( 0.84-	7.85)	
40	SUN	6	f	a	4	2	-	-	-	-	1.83 ( 1.20-	2.80)	
41	WANGS	1	f	e	4	0	67	60	15	34	2.53 ( 1.26-	5.10)	
*43	CARDEN	14	m	c	a	1	-	-	-	-	0.60 ( 0.40-	1.00)	
*43	CARDEN	16	f	c	a	1	-	-	-	-	0.90 ( 0.70-	1.20)	
Subtotal 43												0.81 ( 0.64-	1.02)
45	AUVINE	2	m	e	a	1	-	-	-	-	0.69 ( 0.28-	1.74)	
46	BOFFET	32	m	e	2	2	-	-	-	-	1.13 ( 0.68-	1.89)	
46	BOFFET	34	f	e	2	2	-	-	-	-	1.15 ( 0.86-	1.55)	
Subtotal 46												1.14 ( 0.89-	1.48)
47	SHEN	1	f	y	a	0	56	59	14	11	0.75 ( 0.31-	1.78)	
49	BOFFE2	39	c	a	2	2	-	-	-	-	1.20 ( 0.60-	2.50)	
*52	SPEIZE	1	f	a	a	1	-	-	-	-	1.50 ( 0.30-	6.30)	
54	LEECH	20	f	e	4	7	-	-	-	-	1.93 ( 1.30-	2.87)	
55	MALATS	10	c	e	2	2	-	-	-	-	1.20 ( 0.60-	2.30)	
57	JOHNSO	6	f	e	4	4	-	-	-	-	1.44 ( 0.70-	2.98)	
64	ZATLOU	6	f	a	4	3	-	-	-	-	0.48 ( 0.21-	1.09)	
*67	VINEIS	7	c	c	4	7	-	-	-	-	1.42 ( 0.63-	3.20)	
Partial Totals							248	661	86	350			
*prospective study													

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	8	f	z	a	0	0.11	21.84	0.10	0.5966
9	LAMW	2	f	e	4	0	0.92	9.98	5.46	0.0037
12	LEE	9	m	c	3	0	1.24	0.86	0.97	0.2484
12	LEE	10	f	c	3	0	-0.78	3.07	2.85	0.1703
Subtotal 12							0.10	3.93	3.82	
13	BROWN1	2	f	e	a	3	0.52	1.86	0.21	0.4791
16	KOO	10	f	e	4	4	0.58	6.38	1.00	0.1452
25	SVENSS	6	f	e	4	1	0.41	2.53	0.14	0.5120
35	FONTHA	24	f	a	5	8	0.22	26.95	0.05	0.2467
37	DEWAAR	1	f	c	a	0	0.94	3.07	1.78	0.0986
40	SUN	6	f	a	4	2	0.60	21.40	3.85	0.0052
41	WANGS	1	f	e	4	0	0.93	7.83	4.39	0.0093
*43	CARDEN	14	m	c	a	1	-0.51	18.30	8.74	0.0289
*43	CARDEN	16	f	c	a	1	-0.11	52.89	4.31	0.4435
Subtotal 43							-0.98	71.19	13.05	
45	AUVINE	2	m	e	a	1	-0.37	4.60	1.40	0.4259
46	BOFFET	32	m	e	2	2	0.12	14.70	0.05	0.6393
46	BOFFET	34	f	e	2	2	0.14	44.28	0.07	0.3524
Subtotal 46							-0.10	58.98	0.12	
47	SHEN	1	f	y	a	0	-0.29	5.07	1.14	0.5088
49	BOFFE2	39	c	a	2	2	0.18	7.54	0.00	0.6165
*52	SPEIZE	1	f	a	a	1	0.41	1.66	0.08	0.6016
54	LEECH	20	f	e	4	7	0.66	24.50	5.58	0.0011
55	MALATS	10	c	e	2	2	0.18	8.51	0.00	0.5948
57	JOHNSO	6	f	e	4	4	0.36	7.32	0.25	0.3238
64	ZATLOU	6	f	a	4	3	-0.73	5.67	4.73	0.0806
*67	VINEIS	7	c	c	4	7	0.35	5.82	0.17	0.3977

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), last 20 yrs (y), current (c)  
 Values are also shown for TOT Total exposure type = any (a), sp/wk (2), home/wk/travel/leisure (3)  
 home/wk (4), home/wk/social (5)

Table A 131  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 10-MAR-05  
 Alternative Vineis results (from nested CC) - both sexes  
 Overall analysis - adjusted

Relative risks

	N	24
	NS	21
	Wt	306.65
Het	Chi	47.34
Het	df	23
Het	P	**
Fixed	RR	1.20
	RRl	1.07
	RRu	1.34
	P	++
Random	RR	1.24
	RRl	1.03
	RRu	1.48
	P	+
Asymm	P	N.S.

-----  
 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), last 20 yrs (y), current (c)  
 Values are also shown for TOT Total exposure type = any (a), sp/wk (2), home/wk/travel/leisure (3)  
 home/wk (4), home/wk/social (5)

Table A 132  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 10-MAR-05  
 Alternative Vineis results (from nested CC) - both sexes  
 Overall analysis- unadjusted

Overall

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI			
							Case	Cont	Case	Cont					
8	GARFI2	8	f	z	a	0	92	266	42	136	1.12	( 0.74- 1.70)			
9	LAMW	2	f	e	4	0	-	-	-	-	2.51	( 1.35- 4.67)			
12	LEE	9	m	c	3	0	9	70	1	27	3.47	( 0.42- 28.72)			
12	LEE	10	f	c	3	0	5	82	10	75	0.46	( 0.15- 1.40)			
Subtotal 12												0.71	( 0.27- 1.91)		
13	BROWN1	1	f	e	a	0	4	7	15	40	1.52	( 0.39- 5.96)			
16	KOO	6	f	e	4	0	66	97	22	40	1.24	( 0.67- 2.27)			
25	SVENSS	2	f	e	4	0	27	139	7	35	0.97	( 0.39- 2.41)			
35	FONTHA	23	f	a	5	0	528	1115	48	118	1.16	( 0.82- 1.65)			
37	DEWAAR	1	f	c	a	0	19	124	4	67	2.57	( 0.84- 7.85)			
40	SUN	6	f	a	4	2	-	-	-	-	1.83	( 1.20- 2.80)			
41	WANGS	1	f	e	4	0	67	60	15	34	2.53	( 1.26- 5.10)			
*43	CARDEN	13	m	c	a	0	42	449918	74	336614	0.42	( 0.29- 0.62)			
*43	CARDEN	15	f	c	a	0	71	900309	175	1119778	0.50	( 0.38- 0.66)			
Subtotal 43													0.48	( 0.38- 0.59)	
45	AUVINE	1	m	e	a	0	17	81	27	148	1.15	( 0.59- 2.24)			
46	BOFFET	31	m	e	2	0	107	390	34	141	1.14	( 0.74- 1.75)			
46	BOFFET	33	f	e	2	0	420	811	88	198	1.17	( 0.88- 1.54)			
Subtotal 46														1.16	( 0.92- 1.46)
47	SHEN	1	f	y	a	0	56	59	14	11	0.75	( 0.31- 1.78)			
49	BOFFE2	38	c	a	2	0	50	126	20	52	1.03	( 0.56- 1.90)			
*52	SPEIZE	1	f	a	a	1	-	-	-	-	1.50	( 0.30- 6.30)			
54	LEECH	19	f	e	4	0	189	249	79	196	1.88	( 1.36- 2.60)			
55	MALATS	5	c	e	2	0	90	84	32	37	1.24	( 0.71- 2.17)			
57	JOHNSO	5	f	e	4	0	61	626	10	135	1.32	( 0.66- 2.63)			
64	ZATLOU	3	f	a	4	0	7	155	77	734	0.43	( 0.19- 0.95)			
*67	VINEIS	7	c	c	4	7	-	-	-	-	1.42	( 0.63- 3.20)			
Partial Totals							1927	1354768	794	1458616					
*prospective study															

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	8	f	z	a	0	0.11	21.84	0.07	0.5966
9	LAMW	2	f	e	4	0	0.92	9.98	7.47	0.0037
12	LEE	9	m	c	3	0	1.24	0.86	1.22	0.2484
12	LEE	10	f	c	3	0	-0.78	3.07	2.15	0.1703
Subtotal 12							0.35	3.93	3.37	
13	BROWN1	1	f	e	a	0	0.42	2.06	0.28	0.5451
16	KOO	6	f	e	4	0	0.21	10.43	0.26	0.4921
25	SVENSS	2	f	e	4	0	-0.03	4.64	0.03	0.9499
35	FONTHA	23	f	a	5	0	0.15	31.15	0.29	0.3963
37	DEWAAR	1	f	c	a	0	0.94	3.07	2.42	0.0986
40	SUN	6	f	a	4	2	0.60	21.40	6.46	0.0052
41	WANGS	1	f	e	4	0	0.93	7.83	5.98	0.0093
*43	CARDEN	13	m	c	a	0	-0.86	26.80	22.26	0.0000
*43	CARDEN	15	f	c	a	0	-0.68	50.51	27.58	0.0000
Subtotal 43							-1.65	77.31	49.84	
45	AUVINE	1	m	e	a	0	0.14	8.70	0.06	0.6794
46	BOFFET	31	m	e	2	0	0.13	20.66	0.11	0.5574
46	BOFFET	33	f	e	2	0	0.15	49.93	0.48	0.2799
Subtotal 46							0.17	70.58	0.59	
47	SHEN	1	f	y	a	0	-0.29	5.07	0.62	0.5088
49	BOFFE2	38	c	a	2	0	0.03	10.29	0.01	0.9201
*52	SPEIZE	1	f	a	a	1	0.41	1.66	0.20	0.6016
54	LEECH	19	f	e	4	0	0.63	36.94	12.34	0.0001
55	MALATS	5	c	e	2	0	0.21	12.30	0.31	0.4525
57	JOHNSO	5	f	e	4	0	0.27	7.97	0.38	0.4387
64	ZATLOU	3	f	a	4	0	-0.84	6.11	4.92	0.0372
*67	VINEIS	7	c	c	4	7	0.35	5.82	0.51	0.3977

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), last 20 yrs (y), current (c)  
 Values are also shown for TOT Total exposure type = any (a), sp/wk (2), home/wk/travel/leisure (3)  
 home/wk (4), home/wk/social (5)

Table A 132  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 10-MAR-05  
 Alternative Vineis results (from nested CC) - both sexes  
 Overall analysis- unadjusted

Relative risks

	N	24
	NS	21
	Wt	359.10
Het	Chi	96.43
Het	df	23
Het	P	***
Fixed	RR	1.06
	RRl	0.95
	RRu	1.17
	P	N.S.
Random	RR	1.14
	RRl	0.90
	RRu	1.44
	P	N.S.
Asymm	P	N.S.

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), last 20 yrs (y), current (c)  
 Values are also shown for TOT Total exposure type = any (a), sp/wk (2), home/wk/travel/leisure (3)  
 home/wk (4), home/wk/social (5)

Table A 133  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 10-MAR-05  
 Alternative Vineis results (from nested CC) - both sexes  
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
8	GARFI2	8	f	z	a	0	92	266	42	136	1.12	( 0.74- 1.70)
13	BROWN1	2	f	e	a	3	-	-	-	-	1.68	( 0.39- 6.90)
35	FONTHA	24	f	a	5	8	-	-	-	-	1.25	( 0.86- 1.83)
*43	CARDEN	14	m	c	a	1	-	-	-	-	0.60	( 0.40- 1.00)
*43	CARDEN	16	f	c	a	1	-	-	-	-	0.90	( 0.70- 1.20)
Subtotal 43											0.81	( 0.64- 1.02)
*52	SPEIZE	1	f	a	a	1	-	-	-	-	1.50	( 0.30- 6.30)
57	JOHNSO	6	f	e	4	4	-	-	-	-	1.44	( 0.70- 2.98)
Partial Totals							92	266	42	136		

\*prospective study

Europe

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
12	LEE	9	m	c	3	0	9	70	1	27	3.47	( 0.42- 28.72)
12	LEE	10	f	c	3	0	5	82	10	75	0.46	( 0.15- 1.40)
Subtotal 12											0.71	( 0.27- 1.91)
25	SVENSS	6	f	e	4	1	-	-	-	-	1.51	( 0.44- 5.17)
37	DEWAAR	1	f	c	a	0	19	124	4	67	2.57	( 0.84- 7.85)
45	AUVINE	2	m	e	a	1	-	-	-	-	0.69	( 0.28- 1.74)
46	BOFFET	32	m	e	2	2	-	-	-	-	1.13	( 0.68- 1.89)
46	BOFFET	34	f	e	2	2	-	-	-	-	1.15	( 0.86- 1.55)
Subtotal 46											1.14	( 0.89- 1.48)
49	BOFFE2	39	c	a	2	2	-	-	-	-	1.20	( 0.60- 2.50)
55	MALATS	10	c	e	2	2	-	-	-	-	1.20	( 0.60- 2.30)
64	ZATLOU	6	f	a	4	3	-	-	-	-	0.48	( 0.21- 1.09)
*67	VINEIS	7	c	c	4	7	-	-	-	-	1.42	( 0.63- 3.20)
Partial Totals							33	276	15	169		

\*prospective study

Asia

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
9	LAMW	2	f	e	4	0	-	-	-	-	2.51	( 1.35- 4.67)
16	KOO	10	f	e	4	4	-	-	-	-	1.78	( 0.82- 3.87)
40	SUN	6	f	a	4	2	-	-	-	-	1.83	( 1.20- 2.80)
41	WANGS	1	f	e	4	0	67	60	15	34	2.53	( 1.26- 5.10)
47	SHEN	1	f	y	a	0	56	59	14	11	0.75	( 0.31- 1.78)
54	LEECH	20	f	e	4	7	-	-	-	-	1.93	( 1.30- 2.87)
Partial Totals							123	119	29	45		

\*prospective study

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), last 20 yrs (y), current (c)  
 Values are also shown for TOT Total exposure type = any (a), sp/wk (2), home/wk/travel/leisure (3)  
 home/wk (4), home/wk/social (5)

Table A 133  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 10-MAR-05  
 Alternative Vineis results (from nested CC) - both sexes  
 By continent - adjusted

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	7	11	6		24
NS	6	9	6		21
Wt	130.82	100.66	75.17		306.65
Het Chi	8.70	11.46	5.91		47.34
Het df	6	10	5		23
Het P	N.S.	N.S.	N.S.		**
Fixed RR	0.98	1.10	1.89		1.20
RRl	0.83	0.91	1.50		1.07
RRu	1.17	1.34	2.36		1.34
P	N.S.	N.S.	+++		++
Random RR	1.00	1.09	1.88		1.24
RRl	0.80	0.87	1.46		1.03
RRu	1.27	1.37	2.42		1.48
P	N.S.	N.S.	+++		+
Asymm P	N.S.	N.S.	N.S.		N.S.
Between Chi		0.72	20.21		21.27
Between df		1	1		2
Between P		N.S.	+++	N.S.	***

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), last 20 yrs (y), current (c)  
 Values are also shown for TOT Total exposure type = any (a), sp/wk (2), home/wk/travel/leisure (3)  
 home/wk (4), home/wk/social (5)

Table A 134  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 10-MAR-05  
 Alternative Vineis results (from nested CC) - both sexes  
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
8	GARFI2	8	f	z	a	0	92	266	42	136	1.12	( 0.74- 1.70)
13	BROWN1	1	f	e	a	0	4	7	15	40	1.52	( 0.39- 5.96)
35	FONTHA	23	f	a	5	0	528	1115	48	118	1.16	( 0.82- 1.65)
*43	CARDEN	13	m	c	a	0	42	449918	74	336614	0.42	( 0.29- 0.62)
*43	CARDEN	15	f	c	a	0	71	900309	175	1119778	0.50	( 0.38- 0.66)
Subtotal 43											0.48	( 0.38- 0.59)
*52	SPEIZE	1	f	a	a	1	-	-	-	-	1.50	( 0.30- 6.30)
57	JOHNSO	5	f	e	4	0	61	626	10	135	1.32	( 0.66- 2.63)
Partial Totals							798	1352241	364	1456821		
*prospective study												

Europe

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
12	LEE	9	m	c	3	0	9	70	1	27	3.47	( 0.42- 28.72)
12	LEE	10	f	c	3	0	5	82	10	75	0.46	( 0.15- 1.40)
Subtotal 12											0.71	( 0.27- 1.91)
25	SVENSS	2	f	e	4	0	27	139	7	35	0.97	( 0.39- 2.41)
37	DEWAAR	1	f	c	a	0	19	124	4	67	2.57	( 0.84- 7.85)
45	AUVINE	1	m	e	a	0	17	81	27	148	1.15	( 0.59- 2.24)
46	BOFFET	31	m	e	2	0	107	390	34	141	1.14	( 0.74- 1.75)
46	BOFFET	33	f	e	2	0	420	811	88	198	1.17	( 0.88- 1.54)
Subtotal 46											1.16	( 0.92- 1.46)
49	BOFFE2	38	c	a	2	0	50	126	20	52	1.03	( 0.56- 1.90)
55	MALATS	5	c	e	2	0	90	84	32	37	1.24	( 0.71- 2.17)
64	ZATLOU	3	f	a	4	0	7	155	77	734	0.43	( 0.19- 0.95)
*67	VINEIS	7	c	c	4	7	-	-	-	-	1.42	( 0.63- 3.20)
Partial Totals							751	2062	300	1514		
*prospective study												

Asia

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Numbers Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
9	LAMW	2	f	e	4	0	-	-	-	-	2.51	( 1.35- 4.67)
16	KOO	6	f	e	4	0	66	97	22	40	1.24	( 0.67- 2.27)
40	SUN	6	f	a	4	2	-	-	-	-	1.83	( 1.20- 2.80)
41	WANGS	1	f	e	4	0	67	60	15	34	2.53	( 1.26- 5.10)
47	SHEN	1	f	y	a	0	56	59	14	11	0.75	( 0.31- 1.78)
54	LEECH	19	f	e	4	0	189	249	79	196	1.88	( 1.36- 2.60)
Partial Totals							378	465	130	281		
*prospective study												

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), last 20 yrs (y), current (c)  
 Values are also shown for TOT Total exposure type = any (a), sp/wk (2), home/wk/travel/leisure (3)  
 home/wk (4), home/wk/social (5)

Table A 134  
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 10-MAR-05  
 Alternative Vineis results (from nested CC) - both sexes  
 By continent - unadjusted

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	7	11	6		24
	NS	6	9	6		21
	Wt	142.00	125.44	91.66		359.10
	Het Chi	30.26	11.95	7.50		96.43
	Het df	6	10	5		23
	Het P	***	N.S.	N.S.		***
Fixed	RR	0.72	1.11	1.79		1.06
	RRl	0.61	0.93	1.46		0.95
	RRu	0.85	1.32	2.20		1.17
	P	---	N.S.	+++		N.S.
Random	RR	0.86	1.09	1.76		1.14
	RRl	0.56	0.89	1.34		0.90
	RRu	1.32	1.35	2.30		1.44
	P	N.S.	N.S.	+++		N.S.
Asymm	P	N.S.	N.S.	N.S.		N.S.
Between	Chi		12.31	46.30		46.72
Between	df		1	1		2
Between	P		+++	+++	N.S.	***

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 Within each study, results are included (in the following order of preference) for:  
 1) TIM Time of exposure = ever (e), in adulthood (a), last 25 yrs (z), last 20 yrs (y), current (c)  
 Values are also shown for TOT Total exposure type = any (a), sp/wk (2), home/wk/travel/leisure (3)  
 home/wk (4), home/wk/social (5)



