

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

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

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

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

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

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

The next tables give results for two of the main histological types (or nearest equivalent) for spouse ETS exposure (or nearest equivalent):
Squamous (Tables 67-70 females, 71-74 males, 75-78 both sexes) and
Adenocarcinoma (Tables 79-82 females, 83-86 males, 87-90 both sexes).

The remaining tables are for both sexes together.

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

The next tables give information on childhood ETS exposure:

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

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

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

Tables 139-142 give information on travel ETS exposure,
Tables 143-146 give information on social ETS exposure (repeated as Tables A143-A146 with study Janerich excluded) and Tables 147-150 give information on total ETS exposure (repeated as Tables A147-A150 with Alternative result for study EPIC Adulthood).

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

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

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

StN = Study reference number as used in summary reports and in the database from which the output is produced. An asterisk preceding this number identifies the study as prospective.

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

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

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

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

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

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

Specific tables show additional values as appropriate:

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

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

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

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

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

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

TOT = Total exposure source: a = any exposure, 2 = spouse and/or work, 3 = home, work, travel and/or leisure, 4 = home and/or work, 5 = home, work and/or social, 6 = home, small spaces and/or large indoor spaces, 7 = spouse, work and/or childhood, 8 = assessed biochemically, e.g. by cotinine measurement, 9 = spouse, parents, siblings, work and/or public spaces, 10 = spouse, work or other locations and/or travel

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

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

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

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

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

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

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

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

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

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

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

This document is available at www.pnlee.co.uk, download LEE2014J.pdf. The results are also summarized in the following documents: download LEE2014H.pdf (which includes references to the individual studies), LEE2014I.pdf and LEE2014K.pdf.

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Table 1
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female
Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(	0.85-	1.61)
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(	0.43-	1.30)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(	0.81-	5.25)
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(	1.20-	3.59)
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(	0.34-	1.90)
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(	1.02-	2.08)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(	0.25-	2.45)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(	0.81-	1.87)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(	1.09-	3.72)
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(	0.50-	3.30)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(	0.93-	2.76)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(	0.37-	2.71)
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(	0.39-	6.90)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(	0.87-	1.94)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(	0.76-	6.56)
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(	0.87-	3.09)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(	1.16-	2.35)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(	0.70-	2.10)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(	0.48-	8.56)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(	1.08-	4.29)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(	0.77-	8.85)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(	0.64-	1.82)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(	0.92-	2.87)
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89	(	0.22-	16.12)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(	0.70-	1.64)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(	0.53-	3.49)
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(	0.47-	1.20)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(	1.09-	4.08)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(	0.78-	1.63)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(	0.60-	0.90)
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(	0.30-	1.96)
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(	0.80-	1.20)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(	0.80-	3.00)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(	0.64-	1.85)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(	0.77-	3.87)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(	1.04-	1.60)
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(	0.30-	1.13)
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(	0.84-	7.85)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(	0.60-	1.94)
40	SCHWAR	6	f	t	h	a	e	a	2	2	-	-	-	-	1.10	(	0.72-	1.68)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(	0.80-	1.69)
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(	1.26-	5.10)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(	0.67-	1.84)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(	0.80-	1.60)
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(	1.09-	5.85)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(	0.88-	1.39)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(	0.31-	1.78)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(	1.06-	2.21)
50	BOFFE2	14	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(	0.50-	1.90)
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(	0.93-	3.18)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(	0.50-	2.90)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(	0.30-	6.30)
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(	0.80-	1.50)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(	1.29-	2.71)
56	MALATS	9	f	t	s	a	e	-	2	2	-	-	-	-	1.50	(	0.77-	2.91)
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(	0.60-	1.70)
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(	0.62-	2.30)
59	LAGARD	4	f	t	h	a	a	a	2	6	-	-	-	-	1.15	(	0.84-	1.58)
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(	0.67-	4.60)
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(	0.67-	1.49)
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(	0.66-	1.33)
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(	0.21-	1.09)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(	0.50-	1.30)
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(	0.94-	2.04)
*67	EPICA	10	f	t	h	a	c	a	2	7	-	-	-	-	0.84	(	0.33-	2.17)
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(	1.07-	2.92)

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

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

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

Table 1
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Female
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
69	FRANCO	3	f	t	h	a	e	a	2	2	-	-	-	-	1.80	(	0.95- 3.42)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(	0.63- 2.10)
72	RYLAND	2	f	t	h	a	e	a	2	1	-	-	-	-	1.37	(	0.57- 3.30)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(	0.74- 1.61)
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(	0.70- 2.63)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(	0.49- 2.01)
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(	0.78- 2.41)
78	LOPEZC	3	f	t	t	a	e	-	1	0	-	-	-	-	0.99	(	0.00- 509.87)
79	ASOMAN	13	f	t	h	a	w	a	2	0	-	-	-	-	0.93	(	0.31- 2.78)
80	GALLEG	3	f	t	t	a	e	-	1	0	-	-	-	-	8.00	(	0.85- 75.31)
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(	0.78- 2.03)
83	YANG	8	f	t	t	a	e	-	b	3	-	-	-	-	2.00	(	1.10- 3.63)
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(	1.01- 2.07)
87	BRENNE	18	f	t	h	a	a	a	2	0	-	-	-	-	0.40	(	0.25- 0.63)
88	JIANG	11	f	t	t	a	e	-	2	10	-	-	-	-	2.27	(	1.13- 4.53)
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01	(	0.47- 2.17)
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07	(	0.23- 18.34)
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(	0.90- 1.40)
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(	1.66- 3.77)
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(	1.09- 1.56)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(	1.01- 4.00)
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(	0.99- 1.46)
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(	0.99- 1.72)
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(	0.52- 1.49)
100	ILCCO	82	f	t	h	a	a	a	2	3	-	-	-	-	1.20	(	1.06- 1.36)
101	TORRES	8	f	t	h	a	y	a	2		-	-	-	-	0.71	(	0.46- 1.10)
Partial Totals											1323	98731	857	84549				
*prospective study																		

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
*1	GARF11	1	f	t	s	c	e	-	2	0	0.16	37.42	0.01	0.3420
2	CHAN	1	f	t	s	a	e	-	2	0	-0.28	12.78	2.69	0.3086
3	CORREA	2	f	t	s	e	e	-	2	0	0.73	4.41	1.34	0.1276
4	TRICHO	1	f	y	s	a	y	-	2	0	0.73	12.77	3.95	0.0091
5	BUFFLE	2	f	t	h	a	e	a	2	0	-0.22	5.19	0.79	0.6209
*6	HIRAYA	8	f	t	s	c	e	-	2	1	0.37	30.26	1.18	0.0410
7	KABAT1	4	f	t	s	e	e	-	2	0	-0.24	2.99	0.51	0.6802
8	GARF12	3	f	t	s	a	e	-	2	0	0.21	22.25	0.03	0.3229
9	LAMW	1	f	a	s	a	e	-	2	0	0.70	10.14	2.79	0.0261
10	WU	3	f	a	s	e	m	-	2	1	0.18	4.31	0.00	0.7049
11	AKIBA	4	f	t	s	e	e	-	2	5	0.41	12.99	0.70	0.1440
12	LEE	6	f	t	s	c	m	-	2	1	0.00	3.88	0.12	1.0000
13	BROWN1	2	f	a	t	a	e	-	4	3	0.52	1.86	0.22	0.4791
14	GAO	8	f	t	s	a	m	-	4	2	0.27	23.89	0.20	0.1944
15	HUMBL1	4	f	t	s	a	e	-	2	2	0.79	3.31	1.25	0.1516
16	KOO	3	f	t	s	e	m	-	2	4	0.49	9.57	0.99	0.1260
17	LAMT	1	f	t	s	a	m	-	2	0	0.50	30.63	3.25	0.0057
18	PERSHA	2	f	t	s	a	m	-	2	2	0.18	12.73	0.00	0.5153
*19	BUTLER	2	f	t	s	c	m	-	2	1	0.70	1.85	0.52	0.3388
20	GENG	1	f	t	s	a	e	-	2	0	0.77	8.13	2.87	0.0285
21	INOUE	2	f	t	s	e	e	-	2	1	0.81	2.58	1.05	0.1930
22	SHIMIZ	2	f	t	s	a	m	-	2	0	0.08	14.20	0.13	0.7646
23	CHOI	2	f	t	s	a	e	-	2	0	0.49	11.99	1.18	0.0916
*24	HOLE	2	f	t	h	a	e	b	6	0	0.64	0.84	0.18	0.5613
25	SCHOEN	2	f	t	s	a	e	-	2	6	0.07	21.00	0.23	0.7533
26	SVENSS	5	f	t	t	a	a	-	1	1	0.31	4.33	0.08	0.5225
27	JANERI	3	f	t	s	a	e	-	2	3	-0.29	17.49	3.72	0.2289
28	KALAND	3	f	t	s	a	m	-	2	4	0.75	8.82	2.90	0.0266
29	SOBUE	2	f	t	s	a	a	-	2	2	0.12	28.29	0.08	0.5157
30	WU-WIL	4	f	t	s	a	e	-	2	3	-0.36	93.46	26.30	0.0006
31	LIUZ	2	f	t	h	a	c	a	2	3	-0.26	4.36	0.83	0.5852
32	BROWN2	4	f	t	s	a	a	-	2	2	0.00	93.46	2.82	1.0000
33	STOCKW	3	f	t	s	a	e	-	7	3	0.47	8.80	0.77	0.1634
34	DU	1	f	t	s	a	e	-	2	0	0.09	13.61	0.10	0.7506
35	LIUQ	2	f	t	s	a	e	-	2	3	0.54	5.89	0.80	0.1880

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

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

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

Table 1
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female
Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
36	FONTHA	6	f	t	s	a	a	-	2	8	0.25	82.80	0.54	0.0205
37	LAYARD	4	f	t	s	e	e	-	2	2	-0.54	8.74	4.51	0.1074
38	DEWAAR	1	f	t	t	a	c	-	4	0	0.94	3.07	1.82	0.0986
39	KABAT2	6	f	t	s	e	a	-	2	3	0.08	11.16	0.10	0.7971
40	SCHWAR	6	f	t	h	a	e	a	2	2	0.10	21.40	0.13	0.6593
41	SUN	2	f	t	s	a	m	-	2	2	0.15	27.47	0.02	0.4366
42	WANGS	1	f	t	t	a	e	-	2	0	0.93	7.83	4.46	0.0093
43	WANGT	2	f	t	s	a	m	-	2	0	0.10	14.90	0.08	0.6978
*44	CARDEN	10	f	t	s	c	m	-	2	8	0.18	31.98	0.00	0.3025
45	ZHENG	2	f	t	h	a	e	a	2	0	0.93	5.43	3.07	0.0310
47	BOFFET	9	f	t	s	a	e	-	2	2	0.10	73.53	0.35	0.3709
48	SHEN	1	f	a	t	a	y	-	2	0	-0.29	5.07	1.11	0.5088
49	ZARIDZ	4	f	t	s	a	e	-	2	2	0.43	28.46	1.80	0.0233
50	BOFFE2	14	f	a	s	a	a	-	2	2	0.00	8.62	0.26	1.0000
*51	JEE	4	f	t	s	c	e	-	2	5	0.54	10.17	1.38	0.0838
52	RAPITI	2	f	t	s	a	e	-	2	3	0.18	4.97	0.00	0.6843
*53	SPEIZE	1	f	t	t	a	a	-	2	1	0.41	1.66	0.09	0.6016
54	ZHONG	2	f	t	s	a	e	-	2	7	0.10	38.89	0.24	0.5523
55	LEECH	8	f	t	s	a	a	-	2	7	0.63	27.89	5.70	0.0009
56	MALATS	9	f	t	s	a	e	-	2	2	0.41	8.69	0.47	0.2319
57	WANGL	36	f	t	h	a	a	a	2	5	0.03	14.17	0.29	0.9114
58	JOHNSO	8	f	t	h	a	e	a	2	4	0.18	8.94	0.00	0.5856
59	LAGARD	4	f	t	h	a	a	a	2	6	0.14	38.50	0.04	0.3859
*60	NISHIN	2	f	t	s	a	c	-	2	7	0.59	4.14	0.71	0.2317
61	OHNO	6	f	t	s	a	e	-	2	2	0.00	24.05	0.73	1.0000
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-0.06	31.30	1.74	0.7292
64	ZATLOU	6	f	g	t	a	a	-	2	3	-0.73	5.67	4.67	0.0806
65	IARCKR	2	f	t	s	a	a	-	2	2	-0.22	16.83	2.65	0.3600
66	MCGHEE	2	f	t	h	c	p	a	2	2	0.32	25.59	0.56	0.1032
*67	EPICA	10	f	t	h	a	c	a	2	7	-0.17	4.33	0.52	0.7167
68	FANG	2	f	t	t	a	e	-	2	8	0.57	15.25	2.41	0.0258
69	FRANCO	3	f	t	h	a	e	a	2	2	0.59	9.36	1.61	0.0721
70	GORLOV	2	f	t	h	a	e	a	4	4	0.14	10.60	0.01	0.6491
72	RYLAND	2	f	t	h	a	e	a	2	1	0.31	4.98	0.10	0.4822
*73	WEN	1	f	t	s	a	m	-	2	9	0.09	25.43	0.20	0.6639
74	YU	1	f	t	t	a	e	-	4	20	0.30	8.70	0.14	0.3760
*76	HILL1	2	f	t	h	a	c	a	2	2	0.00	7.71	0.23	1.0000
*77	HILL2	3	f	t	h	a	c	a	2	9	0.32	12.07	0.27	0.2631
78	LOPEZC	3	f	t	t	a	e	-	1	0	-0.01	0.10	0.00	0.9982
79	ASOMAN	13	f	t	h	a	w	a	2	0	-0.07	3.19	0.19	0.8968
80	GALLEG	3	f	t	t	a	e	-	1	0	2.08	0.76	2.78	0.0691
*81	KURAHA	10	f	t	s	c	e	-	2	5	0.23	16.80	0.06	0.3436
83	YANG	8	f	t	t	a	e	-	b	3	0.69	10.78	2.91	0.0229
86	LIANG	2	f	t	t	a	a	-	2	0	0.37	30.07	1.15	0.0426
87	BRENNE	18	f	t	h	a	a	a	2	0	-0.92	17.99	21.37	0.0001
88	JIANG	11	f	t	t	a	e	-	2	10	0.82	8.00	3.33	0.0206
90	KIYOHA	3	f	t	s	a	e	-	b	0	0.00	6.51	0.19	0.9899
*91	HE	4	f	t	t	a	e	-	2	9	0.73	0.80	0.25	0.5148
92	LIM	1	f	t	h	a	e	a	4	0	0.12	80.68	0.27	0.2971
93	LIN	7	f	t	t	a	e	-	1	7	0.92	22.79	12.61	0.0000
95	GELAC	27	f	t	s	a	e	-	2	5	0.26	119.55	0.94	0.0041
96	MASJED	6	f	t	s	a	e	-	2	0	0.70	8.08	2.21	0.0476
97	REN	2	f	t	t	a	e	-	1	5	0.18	101.81	0.01	0.0658
98	SEKI	20	f	t	s	c	e	-	2	7	0.27	50.36	0.47	0.0553
*99	WHIOS	1	f	t	t	a	e	-	1	0	-0.13	13.87	1.26	0.6341
100	ILCCO	82	f	t	h	a	a	a	2	3	0.18	247.40	0.02	0.0041
101	TORRES	8	f	t	h	a	y	a	2		-0.34	20.22	5.39	0.1236

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

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Table 1
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Female
 Overall analysis - adjusted

Relative risks

	N	92
	NS	92
	Wt	2030.59
Het	Chi	162.97
Het	df	91
Het	P	***
Fixed	RR	1.19
	RRl	1.14
	RRu	1.24
	P	+++
Random	RR	1.22
	RRl	1.14
	RRu	1.31
	P	+++
Asymm	P	*

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

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

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

Table 2
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female
Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43-	1.30)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)
*6	HIRAYA	7	f	t	s	c	e	-	2	0	163	69645	37	21895	1.38	(0.97-	1.98)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)
10	WU	2	f	a	s	e	m	-	2	0	19	33	9	22	1.41	(0.54-	3.67)
11	AKIBA	3	f	t	s	e	e	-	2	0	73	188	21	82	1.52	(0.87-	2.63)
12	LEE	5	f	t	s	c	m	-	2	0	22	45	10	21	1.03	(0.41-	2.55)
13	BROWN1	1	f	a	t	a	e	-	4	0	4	7	15	40	1.52	(0.39-	5.96)
14	GAO	4	f	t	s	a	m	-	4	0	189	276	57	99	1.19	(0.82-	1.73)
15	HUMBL1	3	f	t	s	a	e	-	2	0	15	91	5	71	2.34	(0.81-	6.75)
16	KOO	2	f	t	s	e	m	-	2	0	51	66	35	70	1.55	(0.90-	2.67)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)
18	PERSHA	1	f	t	s	a	m	-	2	0	37	153	33	141	1.03	(0.61-	1.74)
*19	BUTLER	1	f	t	s	c	m	-	2	0	3	10579	5	43052	2.44	(0.58-	10.22)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)
21	INOUE	1	f	t	s	e	e	-	2	0	18	30	4	17	2.55	(0.74-	8.78)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89	(0.22-	16.12)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)
26	SVENSS	1	f	t	t	a	a	-	1	0	24	114	10	60	1.26	(0.57-	2.81)
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.47-	1.20)
28	KALAND	2	f	t	s	a	m	-	2	0	64	70	26	46	1.62	(0.90-	2.91)
29	SOBUE	1	f	t	s	a	a	-	2	0	80	395	64	336	1.06	(0.74-	1.52)
30	WU-WIL	3	f	t	s	a	e	-	2	0	205	331	212	271	0.79	(0.62-	1.02)
31	LIUZ	1	f	t	h	a	c	a	2	0	45	176	9	26	0.74	(0.32-	1.69)
32	BROWN2	3	f	t	s	a	a	-	2	0	218	598	213	568	0.97	(0.78-	1.21)
33	STOCKW	2	f	t	s	a	e	-	7	0	44	55	18	36	1.60	(0.80-	3.19)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)
35	LIUQ	1	f	t	s	a	e	-	2	0	25	37	13	32	1.66	(0.73-	3.78)
36	FONTHA	5	f	t	s	a	a	-	2	0	433	766	218	487	1.26	(1.04-	1.54)
37	LAYARD	3	f	t	s	e	e	-	2	0	15	961	24	969	0.63	(0.33-	1.21)
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)
39	KABAT2	5	f	t	s	e	a	-	2	0	41	102	26	71	1.10	(0.62-	1.96)
40	SCHWAR	5	f	t	h	a	e	a	2	0	-	-	-	-	1.18	(0.77-	1.81)
41	SUN	11	f	t	s	a	m	-	2	0	144	136	86	94	1.16	(0.80-	1.68)
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26-	5.10)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)
*44	CARDEN	9	f	t	s	c	m	-	2	0	96	114286	54	77948	1.21	(0.87-	1.69)
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09-	5.85)
47	BOFFET	8	f	t	s	a	e	-	2	0	321	632	187	376	1.02	(0.82-	1.27)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31-	1.78)
49	ZARIDZ	3	f	t	s	a	e	-	2	0	109	163	80	195	1.63	(1.14-	2.33)
50	BOFFE2	13	f	a	s	a	a	-	2	0	33	69	33	68	0.99	(0.55-	1.77)
*51	JEE	3	f	t	s	c	e	-	2	1	67	-	12	-	1.80	(0.98-	3.30)
52	RAPITI	1	f	t	s	a	e	-	2	0	13	21	28	46	1.02	(0.44-	2.35)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)
54	ZHONG	1	f	t	s	a	e	-	2	0	322	377	182	224	1.05	(0.82-	1.34)
55	LEECH	7	f	t	s	a	a	-	2	0	186	253	82	192	1.72	(1.25-	2.37)
56	MALATS	2	f	t	s	a	e	-	2	0	-	-	-	-	1.70	(0.95-	3.05)
57	WANGL	35	f	t	h	a	a	a	2	0	169	337	31	70	1.13	(0.71-	1.80)
58	JOHNSO	7	f	t	h	a	e	a	2	0	54	543	17	218	1.28	(0.72-	2.25)
59	LAGARD	3	f	t	h	a	a	a	2	0	-	-	-	-	1.15	(0.86-	1.54)
*60	NISHIN	1	f	t	s	a	c	-	2	0	11	30566	13	43361	1.20	(0.54-	2.68)
61	OHNO	5	f	t	s	a	e	-	2	0	139	239	52	90	1.01	(0.67-	1.50)
*63	ENSTRO	9	f	t	s	c	e	-	2	1	-	-	-	-	0.99	(0.72-	1.37)
64	ZATLOU	3	f	g	t	a	a	-	2	0	7	155	77	734	0.43	(0.19-	0.95)
65	IARCKR	1	f	t	s	a	a	-	2	0	-	-	-	-	0.90	(0.60-	1.40)
66	MCGHEE	6	f	t	h	c	p	a	2	0	96	150	83	195	1.50	(1.05-	2.16)
*67	EPICA	10	f	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.33-	2.17)
68	FANG	1	f	t	t	a	e	-	2	1	-	-	-	-	2.74	(1.82-	4.14)

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

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

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

Table 2
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female

Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
69	FRANCO	3	f	t	h	a	e	a	2	2	-	-	-	-	1.80	(0.95-	3.42)
70	GORLOV	14	f	t	h	a	e	a	4	0	92	89	38	48	1.31	(0.78-	2.19)
72	RYLAND	2	f	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.57-	3.30)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)
74	YU	8	f	t	t	a	e	-	4	0	183	246	30	46	1.14	(0.69-	1.88)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49-	2.01)
*77	HILL2	2	f	t	h	a	c	a	2	2	-	-	-	-	1.16	(0.70-	1.92)
78	LOPEZC	3	f	t	t	a	e	-	1	0	-	-	-	-	0.99	(0.00-	509.87)
79	ASOMAN	13	f	t	h	a	w	a	2	0	-	-	-	-	0.93	(0.31-	2.78)
80	GALLEG	3	f	t	t	a	e	-	1	0	-	-	-	-	8.00	(0.85-	75.31)
*81	KURAHA	9	f	t	s	c	e	-	2	0	84	280346	25	97466	1.17	(0.75-	1.83)
83	YANG	11	f	t	t	a	e	-	b	0	-	-	-	-	1.56	(1.06-	2.30)
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(1.01-	2.07)
87	BRENNE	18	f	t	h	a	a	a	2	0	-	-	-	-	0.40	(0.25-	0.63)
88	JIANG	9	f	t	t	a	e	-	2	0	67	48	31	50	2.25	(1.26-	4.03)
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01	(0.47-	2.17)
*91	HE	3	f	t	t	a	e	-	2	0	5	340	1	131	1.93	(0.23-	16.33)
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(0.90-	1.40)
93	LIN	1	f	t	t	a	e	-	1	0	135	92	91	177	2.85	(1.98-	4.12)
95	GELAC	19	f	t	s	a	e	-	2	0	571	461	601	711	1.47	(1.24-	1.73)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)
97	REN	1	f	t	t	a	e	-	1	0	551	684	213	299	1.13	(0.92-	1.39)
98	SEKI	11	f	t	s	c	e	-	2	0	193	1170	99	640	1.07	(0.82-	1.38)
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52-	1.49)
100	ILCCO	84	f	t	h	a	a	a	2	0	-	-	-	-	1.23	(1.10-	1.38)
101	TORRES	8	f	t	h	a	y	a	2	0	-	-	-	-	0.71	(0.46-	1.10)
Partial Totals											6759	614852	4067	376340			
*prospective study																	

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
*1	GARF11	1	f	t	s	c	e	-	2	0	0.16	37.42	0.06	0.3420
2	CHAN	1	f	t	s	a	e	-	2	0	-0.28	12.78	2.93	0.3086
3	CORREA	2	f	t	s	e	e	-	2	0	0.73	4.41	1.24	0.1276
4	TRICHO	1	f	y	s	a	y	-	2	0	0.73	12.77	3.66	0.0091
5	BUFFLE	2	f	t	h	a	e	a	2	0	-0.22	5.19	0.88	0.6209
*6	HIRAYA	7	f	t	s	c	e	-	2	0	0.33	30.21	0.52	0.0734
7	KABAT1	4	f	t	s	e	e	-	2	0	-0.24	2.99	0.56	0.6802
8	GARF12	3	f	t	s	a	e	-	2	0	0.21	22.25	0.01	0.3229
9	LAMW	1	f	a	s	a	e	-	2	0	0.70	10.14	2.58	0.0261
10	WU	2	f	a	s	e	m	-	2	0	0.34	4.18	0.09	0.4850
11	AKIBA	3	f	t	s	e	e	-	2	0	0.42	12.69	0.62	0.1382
12	LEE	5	f	t	s	c	m	-	2	0	0.03	4.64	0.13	0.9548
13	BROWN1	1	f	a	t	a	e	-	4	0	0.42	2.06	0.11	0.5451
14	GAO	4	f	t	s	a	m	-	4	0	0.17	27.35	0.01	0.3644
15	HUMBL1	3	f	t	s	a	e	-	2	0	0.85	3.43	1.48	0.1154
16	KOO	2	f	t	s	e	m	-	2	0	0.44	12.88	0.75	0.1182
17	LAMT	1	f	t	s	a	m	-	2	0	0.50	30.63	2.86	0.0057
18	PERSHA	1	f	t	s	a	m	-	2	0	0.03	14.09	0.37	0.9022
*19	BUTLER	1	f	t	s	c	m	-	2	0	0.89	1.88	0.91	0.2215
20	GENG	1	f	t	s	a	e	-	2	0	0.77	8.13	2.68	0.0285
21	INOUE	1	f	t	s	e	e	-	2	0	0.94	2.51	1.38	0.1377
22	SHIMIZ	2	f	t	s	a	m	-	2	0	0.08	14.20	0.19	0.7646
23	CHOI	2	f	t	s	a	e	-	2	0	0.49	11.99	1.03	0.0916
*24	HOLE	2	f	t	h	a	e	b	6	0	0.64	0.84	0.16	0.5613
25	SCHOEN	2	f	t	s	a	e	-	2	6	0.07	21.00	0.33	0.7533
26	SVENSS	1	f	t	t	a	a	-	1	0	0.23	5.98	0.01	0.5677
27	JANERI	3	f	t	s	a	e	-	2	3	-0.29	17.49	4.06	0.2289
28	KALAND	2	f	t	s	a	m	-	2	0	0.48	11.10	0.91	0.1091
29	SOBUE	1	f	t	s	a	a	-	2	0	0.06	29.73	0.53	0.7379
30	WU-WIL	3	f	t	s	a	e	-	2	0	-0.23	61.33	11.23	0.0674
31	LIUZ	1	f	t	h	a	c	a	2	0	-0.30	5.63	1.39	0.4721
32	BROWN2	3	f	t	s	a	a	-	2	0	-0.03	78.65	3.90	0.8021
33	STOCKW	2	f	t	s	a	e	-	7	0	0.47	8.05	0.61	0.1824
34	DU	1	f	t	s	a	e	-	2	0	0.09	13.61	0.16	0.7506
35	LIUQ	1	f	t	s	a	e	-	2	0	0.51	5.71	0.56	0.2242

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

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

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

Table 2
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female
Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
36	FONTHA	5	f	t	s	a	a	-	2	0	0.23	97.51	0.15	0.0212
37	LAYARD	3	f	t	s	e	e	-	2	0	-0.46	9.06	3.90	0.1647
38	DEWAAR	1	f	t	t	a	c	-	4	0	0.94	3.07	1.72	0.0986
39	KABAT2	5	f	t	s	e	a	-	2	0	0.09	11.53	0.12	0.7517
40	SCHWAR	5	f	t	h	a	e	a	2	0	0.17	21.03	0.02	0.4478
41	SUN	11	f	t	s	a	m	-	2	0	0.15	27.35	0.06	0.4448
42	WANGS	1	f	t	t	a	e	-	2	0	0.93	7.83	4.22	0.0093
43	WANGT	2	f	t	s	a	m	-	2	0	0.10	14.90	0.13	0.6978
*44	CARDEN	9	f	t	s	c	m	-	2	0	0.19	34.59	0.00	0.2571
45	ZHENG	2	f	t	h	a	e	a	2	0	0.93	5.43	2.90	0.0310
47	BOFFET	8	f	t	s	a	e	-	2	0	0.02	78.71	2.36	0.8520
48	SHEN	1	f	a	t	a	y	-	2	0	-0.29	5.07	1.21	0.5088
49	ZARIDZ	3	f	t	s	a	e	-	2	0	0.49	30.36	2.63	0.0071
50	BOFFE2	13	f	a	s	a	a	-	2	0	-0.01	11.14	0.49	0.9611
*51	JEE	3	f	t	s	c	e	-	2	1	0.59	10.42	1.61	0.0577
52	RAPITI	1	f	t	s	a	e	-	2	0	0.02	5.49	0.17	0.9685
*53	SPEIZE	1	f	t	t	a	a	-	2	1	0.41	1.66	0.07	0.6016
54	ZHONG	1	f	t	s	a	e	-	2	0	0.05	63.63	1.33	0.6903
55	LEECH	7	f	t	s	a	a	-	2	0	0.54	37.41	4.55	0.0009
56	MALATS	2	f	t	s	a	e	-	2	0	0.53	11.29	1.28	0.0745
57	WANGL	35	f	t	h	a	a	a	2	0	0.12	18.04	0.09	0.5975
58	JOHNSO	7	f	t	h	a	e	a	2	0	0.24	11.94	0.03	0.4008
59	LAGARD	3	f	t	h	a	a	a	2	0	0.14	45.27	0.13	0.3470
*60	NISHIN	1	f	t	s	a	c	-	2	0	0.18	5.96	0.00	0.6557
61	OHNO	5	f	t	s	a	e	-	2	0	0.01	23.97	0.84	0.9743
*63	ENSTRO	9	f	t	s	c	e	-	2	1	-0.01	37.13	1.55	0.9512
64	ZATLOU	3	f	g	t	a	a	-	2	0	-0.84	6.11	6.57	0.0372
65	IARCKR	1	f	t	s	a	a	-	2	0	-0.11	21.40	1.92	0.6259
66	MCGHEE	6	f	t	h	c	p	a	2	0	0.41	29.19	1.33	0.0276
*67	EPICA	10	f	t	h	a	c	a	2	7	-0.17	4.33	0.59	0.7167
68	FANG	1	f	t	t	a	e	-	2	1	1.01	22.75	15.06	0.0000
69	FRANCO	3	f	t	h	a	e	a	2	2	0.59	9.36	1.45	0.0721
70	GORLOV	14	f	t	h	a	e	a	4	0	0.27	14.44	0.08	0.3107
72	RYLAND	2	f	t	h	a	e	a	2	1	0.31	4.98	0.07	0.4822
*73	WEN	1	f	t	s	a	m	-	2	9	0.09	25.43	0.30	0.6639
74	YU	8	f	t	t	a	e	-	4	0	0.13	15.48	0.06	0.6046
*76	HILL1	2	f	t	h	a	c	a	2	2	0.00	7.71	0.29	1.0000
*77	HILL2	2	f	t	h	a	c	a	2	2	0.15	15.09	0.03	0.5642
78	LOPEZC	3	f	t	t	a	e	-	1	0	-0.01	0.10	0.00	0.9982
79	ASOMAN	13	f	t	h	a	w	a	2	0	-0.07	3.19	0.23	0.8968
80	GALLEG	3	f	t	t	a	e	-	1	0	2.08	0.76	2.72	0.0691
*81	KURAHA	9	f	t	s	c	e	-	2	0	0.16	19.27	0.03	0.4951
83	YANG	11	f	t	t	a	e	-	b	0	0.44	25.61	1.61	0.0244
86	LIANG	2	f	t	t	a	a	-	2	0	0.37	30.07	0.93	0.0426
87	BRENNE	18	f	t	h	a	a	a	2	0	-0.92	17.99	22.18	0.0001
88	JIANG	9	f	t	t	a	e	-	2	0	0.81	11.36	4.33	0.0062
90	KIYOHA	3	f	t	s	a	e	-	b	0	0.00	6.51	0.23	0.9899
*91	HE	3	f	t	t	a	e	-	2	0	0.66	0.84	0.18	0.5477
92	LIM	1	f	t	h	a	e	a	4	0	0.12	80.68	0.49	0.2971
93	LIN	1	f	t	t	a	e	-	1	0	1.05	28.64	20.91	0.0000
95	GELAC	19	f	t	s	a	e	-	2	0	0.38	143.04	5.04	0.0000
96	MASJED	6	f	t	s	a	e	-	2	0	0.70	8.08	2.04	0.0476
97	REN	1	f	t	t	a	e	-	1	0	0.12	88.37	0.45	0.2479
98	SEKI	11	f	t	s	c	e	-	2	0	0.06	56.50	0.95	0.6290
*99	WHIOS	1	f	t	t	a	e	-	1	0	-0.13	13.87	1.44	0.6341
100	ILCCO	84	f	t	h	a	a	a	2	0	0.21	301.67	0.04	0.0003
101	TORRES	8	f	t	h	a	y	a	2		-0.34	20.22	5.82	0.1236

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

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

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

Table 2
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Female
 Overall analysis - unadjusted

Relative risks

	N	92
	NS	92
	Wt	2210.77
Het	Chi	177.86
Het	df	91
Het	P	***
Fixed	RR	1.21
	RRl	1.16
	RRu	1.27
	P	+++
Random	RR	1.23
	RRl	1.15
	RRu	1.32
	P	+++
Asymm	P	N.S.

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

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

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

Table 3
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Female
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)	
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)	
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)	
8	GARFI2	3	f	t	s	a	e	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50-	3.30)	
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39-	6.90)	
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)	
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)	
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.47-	1.20)	
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.20)	
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)	
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)	
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)	
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)	
40	SCHWAR	6	f	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.72-	1.68)	
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)	
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)	
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)	
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66-	1.33)	
69	FRANCO	3	f	t	h	a	e	a	2	2	-	-	-	-	1.80	(0.95-	3.42)	
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)	
79	ASOMAN	13	f	t	h	a	w	a	2	0	-	-	-	-	0.93	(0.31-	2.78)	
80	GALLEG	3	f	t	t	a	e	-	1	0	-	-	-	-	8.00	(0.85-	75.31)	
83	YANG	8	f	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.10-	3.63)	
87	BRENNE	18	f	t	h	a	a	a	2	0	-	-	-	-	0.40	(0.25-	0.63)	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52-	1.49)	
Partial Totals											239	95374	135	82121				

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37-	2.71)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70-	2.10)
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89	(0.22-	16.12)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53-	3.49)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88-	1.39)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06-	2.21)
50	BOFFE2	14	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50-	1.90)
56	MALATS	9	f	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.77-	2.91)
59	LAGARD	4	f	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.84-	1.58)
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21-	1.09)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)
*67	EPICA	10	f	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.33-	2.17)
72	RYLAND	2	f	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.57-	3.30)
78	LOPEZC	3	f	t	t	a	e	-	1	0	-	-	-	-	0.99	(0.00-	509.87)
101	TORRES	8	f	t	h	a	y	a	2		-	-	-	-	0.71	(0.46-	1.10)
Partial Totals											77	1535	29	665			

*prospective study

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

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

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

Table 3
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Female
 By continent - adjusted

Asia											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75 (0.43- 1.30)	
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45 (1.02- 2.08)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (1.09- 3.72)	
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50 (0.93- 2.76)	
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30 (0.87- 1.94)	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64 (0.87- 3.09)	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65 (1.16- 2.35)	
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16 (1.08- 4.29)	
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25 (0.77- 8.85)	
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08 (0.64- 1.82)	
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63 (0.92- 2.87)	
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13 (0.78- 1.63)	
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70 (0.60- 0.90)	
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77 (0.30- 1.96)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09 (0.64- 1.85)	
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72 (0.77- 3.87)	
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16 (0.80- 1.69)	
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53 (1.26- 5.10)	
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11 (0.67- 1.84)	
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52 (1.09- 5.85)	
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75 (0.31- 1.78)	
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72 (0.93- 3.18)	
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20 (0.50- 2.90)	
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10 (0.80- 1.50)	
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87 (1.29- 2.71)	
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03 (0.60- 1.70)	
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80 (0.67- 4.60)	
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00 (0.67- 1.49)	
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38 (0.94- 2.04)	
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77 (1.07- 2.92)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09 (0.74- 1.61)	
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35 (0.70- 2.63)	
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26 (0.78- 2.03)	
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (1.01- 2.07)	
88	JIANG	11	f	t	t	a	e	-	2	10	-	-	-	-	2.27 (1.13- 4.53)	
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01 (0.47- 2.17)	
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07 (0.23- 18.34)	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12 (0.90- 1.40)	
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50 (1.66- 3.77)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30 (1.09- 1.56)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01 (1.01- 4.00)	
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20 (0.99- 1.46)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31 (0.99- 1.72)	
Partial Totals											1007	1822	693	1763		
*prospective study																
Other											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00 (0.49- 2.01)	
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38 (0.78- 2.41)	
100	ILCCO	82	f	t	h	a	a	a	2	3	-	-	-	-	1.20 (1.06- 1.36)	
Partial Totals											0	0	0	0		
*prospective study																

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

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

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Table 3
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Female

By continent - adjusted

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	28	18	43	3	92
	NS	28	18	43	3	92
	Wt	488.87	256.36	1018.17	267.19	2030.59
	Het Chi	45.52	25.11	85.40	0.49	162.97
	Het df	27	17	42	2	91
	Het P	*	(*)	***	N.S.	***
Fixed	RR	1.09	1.16	1.25	1.20	1.19
	RRl	1.00	1.02	1.17	1.07	1.14
	RRu	1.19	1.31	1.33	1.35	1.24
	P	(+)	+	+++	++	+++
Random	RR	1.09	1.17	1.33	1.20	1.22
	RRl	0.96	0.99	1.20	1.07	1.14
	RRu	1.25	1.39	1.46	1.35	1.31
	P	N.S.	(+)	+++	++	+++
Asymm	P	N.S.	N.S.	*	N.S.	*
Between	Chi		0.67	6.22	1.71	6.44
Between	df		1	1	1	3
Between	P		N.S.	+	N.S.	(*)

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

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

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

Table 4
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female
By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)
10	WU	2	f	a	s	e	m	-	2	0	19	33	9	22	1.41	(0.54-	3.67)
13	BROWN1	1	f	a	t	a	e	-	4	0	4	7	15	40	1.52	(0.39-	5.96)
15	HUMBL1	3	f	t	s	a	e	-	2	0	15	91	5	71	2.34	(0.81-	6.75)
*19	BUTLER	1	f	t	s	c	m	-	2	0	3	10579	5	43052	2.44	(0.58-	10.22)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.47-	1.20)
32	BROWN2	3	f	t	s	a	a	-	2	0	218	598	213	568	0.97	(0.78-	1.21)
33	STOCKW	2	f	t	s	a	e	-	7	0	44	55	18	36	1.60	(0.80-	3.19)
36	FONTHA	5	f	t	s	a	a	-	2	0	433	766	218	487	1.26	(1.04-	1.54)
37	LAYARD	3	f	t	s	e	e	-	2	0	15	961	24	969	0.63	(0.33-	1.21)
39	KABAT2	5	f	t	s	e	a	-	2	0	41	102	26	71	1.10	(0.62-	1.96)
40	SCHWAR	5	f	t	h	a	e	a	2	0	-	-	-	-	1.18	(0.77-	1.81)
*44	CARDEN	9	f	t	s	c	m	-	2	0	96	114286	54	77948	1.21	(0.87-	1.69)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)
58	JOHNSO	7	f	t	h	a	e	a	2	0	54	543	17	218	1.28	(0.72-	2.25)
*63	ENSTRO	9	f	t	s	c	e	-	2	1	-	-	-	-	0.99	(0.72-	1.37)
69	FRANCO	3	f	t	h	a	e	a	2	2	-	-	-	-	1.80	(0.95-	3.42)
70	GORLOV	14	f	t	h	a	e	a	4	0	92	89	38	48	1.31	(0.78-	2.19)
79	ASOMAN	13	f	t	h	a	w	a	2	0	-	-	-	-	0.93	(0.31-	2.78)
80	GALLEG	3	f	t	t	a	e	-	1	0	-	-	-	-	8.00	(0.85-	75.31)
83	YANG	11	f	t	t	a	e	-	b	0	-	-	-	-	1.56	(1.06-	2.30)
87	BRENNE	18	f	t	h	a	a	a	2	0	-	-	-	-	0.40	(0.25-	0.63)
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52-	1.49)
Partial Totals											1273	223484	777	205651			

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)
12	LEE	5	f	t	s	c	m	-	2	0	22	45	10	21	1.03	(0.41-	2.55)
18	PERSHA	1	f	t	s	a	m	-	2	0	37	153	33	141	1.03	(0.61-	1.74)
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89	(0.22-	16.12)
26	SVENSS	1	f	t	t	a	a	-	1	0	24	114	10	60	1.26	(0.57-	2.81)
28	KALAND	2	f	t	s	a	m	-	2	0	64	70	26	46	1.62	(0.90-	2.91)
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)
47	BOFFET	8	f	t	s	a	e	-	2	0	321	632	187	376	1.02	(0.82-	1.27)
49	ZARIDZ	3	f	t	s	a	e	-	2	0	109	163	80	195	1.63	(1.14-	2.33)
50	BOFFE2	13	f	a	s	a	a	-	2	0	33	69	33	68	0.99	(0.55-	1.77)
56	MALATS	2	f	t	s	a	e	-	2	0	-	-	-	-	1.70	(0.95-	3.05)
59	LAGARD	3	f	t	h	a	a	a	2	0	-	-	-	-	1.15	(0.86-	1.54)
64	ZATLOU	3	f	g	t	a	a	-	2	0	7	155	77	734	0.43	(0.19-	0.95)
65	IARCKR	1	f	t	s	a	a	-	2	0	-	-	-	-	0.90	(0.60-	1.40)
*67	EPICA	10	f	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.33-	2.17)
72	RYLAND	2	f	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.57-	3.30)
78	LOPEZC	3	f	t	t	a	e	-	1	0	-	-	-	-	0.99	(0.00-	509.87)
101	TORRES	8	f	t	h	a	y	a	2		-	-	-	-	0.71	(0.46-	1.10)
Partial Totals											694	2936	485	2306			

*prospective study

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- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
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Table 4
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female
By continent - unadjusted

Asia													Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont				
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75 (0.43- 1.30)			
*6	HIRAYA	7	f	t	s	c	e	-	2	0	163	69645	37	21895	1.38 (0.97- 1.98)			
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (1.09- 3.72)			
11	AKIBA	3	f	t	s	e	e	-	2	0	73	188	21	82	1.52 (0.87- 2.63)			
14	GAO	4	f	t	s	a	m	-	4	0	189	276	57	99	1.19 (0.82- 1.73)			
16	KOO	2	f	t	s	e	m	-	2	0	51	66	35	70	1.55 (0.90- 2.67)			
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65 (1.16- 2.35)			
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16 (1.08- 4.29)			
21	INOUE	1	f	t	s	e	e	-	2	0	18	30	4	17	2.55 (0.74- 8.78)			
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08 (0.64- 1.82)			
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63 (0.92- 2.87)			
29	SOBUE	1	f	t	s	a	a	-	2	0	80	395	64	336	1.06 (0.74- 1.52)			
30	WU-WIL	3	f	t	s	a	e	-	2	0	205	331	212	271	0.79 (0.62- 1.02)			
31	LIUZ	1	f	t	h	a	c	a	2	0	45	176	9	26	0.74 (0.32- 1.69)			
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09 (0.64- 1.85)			
35	LIUQ	1	f	t	s	a	e	-	2	0	25	37	13	32	1.66 (0.73- 3.78)			
41	SUN	11	f	t	s	a	m	-	2	0	144	136	86	94	1.16 (0.80- 1.68)			
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53 (1.26- 5.10)			
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11 (0.67- 1.84)			
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52 (1.09- 5.85)			
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75 (0.31- 1.78)			
*51	JEE	3	f	t	s	c	e	-	2	1	67	-	12	-	1.80 (0.98- 3.30)			
52	RAPITI	1	f	t	s	a	e	-	2	0	13	21	28	46	1.02 (0.44- 2.35)			
54	ZHONG	1	f	t	s	a	e	-	2	0	322	377	182	224	1.05 (0.82- 1.34)			
55	LEECH	7	f	t	s	a	a	-	2	0	186	253	82	192	1.72 (1.25- 2.37)			
57	WANGL	35	f	t	h	a	a	a	2	0	169	337	31	70	1.13 (0.71- 1.80)			
*60	NISHIN	1	f	t	s	a	c	-	2	0	11	30566	13	43361	1.20 (0.54- 2.68)			
61	OHNO	5	f	t	s	a	e	-	2	0	139	239	52	90	1.01 (0.67- 1.50)			
66	MCGHEE	6	f	t	h	c	p	a	2	0	96	150	83	195	1.50 (1.05- 2.16)			
68	FANG	1	f	t	t	a	e	-	2	1	-	-	-	-	2.74 (1.82- 4.14)			
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09 (0.74- 1.61)			
74	YU	8	f	t	t	a	e	-	4	0	183	246	30	46	1.14 (0.69- 1.88)			
*81	KURAHA	9	f	t	s	c	e	-	2	0	84	280346	25	97466	1.17 (0.75- 1.83)			
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (1.01- 2.07)			
88	JIANG	9	f	t	t	a	e	-	2	0	67	48	31	50	2.25 (1.26- 4.03)			
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01 (0.47- 2.17)			
*91	HE	3	f	t	t	a	e	-	2	0	5	340	1	131	1.93 (0.23- 16.33)			
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12 (0.90- 1.40)			
93	LIN	1	f	t	t	a	e	-	1	0	135	92	91	177	2.85 (1.98- 4.12)			
95	GELAC	19	f	t	s	a	e	-	2	0	571	461	601	711	1.47 (1.24- 1.73)			
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01 (1.01- 4.00)			
97	REN	1	f	t	t	a	e	-	1	0	551	684	213	299	1.13 (0.92- 1.39)			
98	SEKI	11	f	t	s	c	e	-	2	0	193	1170	99	640	1.07 (0.82- 1.38)			
Partial Totals											4792	388432	2805	168383				
*prospective study																		
Other													Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont				
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00 (0.49- 2.01)			
*77	HILL2	2	f	t	h	a	c	a	2	2	-	-	-	-	1.16 (0.70- 1.92)			
100	ILCCO	84	f	t	h	a	a	a	2	0	-	-	-	-	1.23 (1.10- 1.38)			
Partial Totals											0	0	0	0				
*prospective study																		

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

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

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

Table 4
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Female
 By continent - unadjusted

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	28	18	43	3	92
NS	28	18	43	3	92
Wt	518.65	286.41	1081.24	324.47	2210.77
Het Chi	45.46	27.38	94.83	0.36	177.86
Het df	27	17	42	2	91
Het P	*	(*)	***	N.S.	***
Fixed RR	1.11	1.13	1.29	1.22	1.21
RRl	1.02	1.01	1.22	1.09	1.16
RRu	1.21	1.27	1.37	1.36	1.27
P	+	+	+++	+++	+++
Random RR	1.11	1.15	1.34	1.22	1.23
RRl	0.98	0.97	1.21	1.09	1.15
RRu	1.26	1.36	1.48	1.36	1.32
P	N.S.	N.S.	+++	+++	+++
Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.
Between Chi		0.07	8.14	1.82	9.83
Between df		1	1	1	3
Between P		N.S.	++	N.S.	*

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

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

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

Table 5
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female
By country within Asia - adjusted

Japan												Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont			
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45 (1.02- 2.08)		
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50 (0.93- 2.76)		
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25 (0.77- 8.85)		
22	SHIMIZ	2	f	t	s	a	a	-	2	0	52	91	38	72	1.08 (0.64- 1.82)		
29	SOBUE	2	f	t	s	a	m	-	2	2	-	-	-	-	1.13 (0.78- 1.63)		
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80 (0.67- 4.60)		
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00 (0.67- 1.49)		
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26 (0.78- 2.03)		
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01 (0.47- 2.17)		
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31 (0.99- 1.72)		
Partial Totals											52	91	38	72			
*prospective study																	
HongKong												Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont			
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75 (0.43- 1.30)		
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (1.09- 3.72)		
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64 (0.87- 3.09)		
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65 (1.16- 2.35)		
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38 (0.94- 2.04)		
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35 (0.70- 2.63)		
Partial Totals											186	282	157	336			
*prospective study																	
China												Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont			
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30 (0.87- 1.94)		
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16 (1.08- 4.29)		
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70 (0.60- 0.90)		
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77 (0.30- 1.96)		
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09 (0.64- 1.85)		
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72 (0.77- 3.87)		
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16 (0.80- 1.69)		
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53 (1.26- 5.10)		
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11 (0.67- 1.84)		
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52 (1.09- 5.85)		
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75 (0.31- 1.78)		
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10 (0.80- 1.50)		
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03 (0.60- 1.70)		
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77 (1.07- 2.92)		
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09 (0.74- 1.61)		
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (1.01- 2.07)		
88	JIANG	11	f	t	t	a	e	-	2	10	-	-	-	-	2.27 (1.13- 4.53)		
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07 (0.23- 18.34)		
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50 (1.66- 3.77)		
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20 (0.99- 1.46)		
Partial Totals											499	731	212	424			
*prospective study																	
Other												Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont			
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63 (0.92- 2.87)		
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72 (0.93- 3.18)		
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20 (0.50- 2.90)		
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87 (1.29- 2.71)		
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12 (0.90- 1.40)		
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30 (1.09- 1.56)		
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01 (1.01- 4.00)		
Partial Totals											270	718	286	931			
*prospective study																	

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

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

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

Table 5
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female
By country within Asia - adjusted

	Japan	HongKong	China	Other	Total
Relative risks					
N	10	6	20	7	43
NS	10	6	20	7	43
Wt	190.17	97.41	467.26	263.33	1018.17
Het Chi	4.74	7.31	60.12	8.19	85.40
Het df	9	5	19	6	42
Het P	N.S.	N.S.	***	N.S.	***
Fixed RR	1.25	1.42	1.17	1.33	1.25
RRl	1.09	1.17	1.06	1.18	1.17
RRu	1.45	1.74	1.28	1.51	1.33
P	++	+++	+++	+++	+++
Random RR	1.25	1.41	1.32	1.39	1.33
RRl	1.09	1.10	1.10	1.18	1.20
RRu	1.45	1.81	1.59	1.64	1.46
P	++	++	++	+++	+++
Asymm P	N.S.	N.S.	*	N.S.	*
Between Chi		1.02	0.73	0.43	5.05
Between df		1	1	1	3
Between P		N.S.	N.S.	N.S.	N.S.

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

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

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

Table 6
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Female
 By region within Europe - adjusted

Western

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37- 2.71)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70- 2.10)
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89	(0.22- 16.12)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53- 3.49)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88- 1.39)
59	LAGARD	4	f	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.84- 1.58)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50- 1.30)
*67	EPICA	10	f	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.33- 2.17)
72	RYLAND	2	f	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.57- 3.30)
78	LOPEZC	3	f	t	t	a	e	-	1	0	-	-	-	-	0.99	(0.00- 509.87)
101	TORRES	8	f	t	h	a	y	a	2		-	-	-	-	0.71	(0.46- 1.10)
Partial Totals											5	1295	1	489		

*prospective study

Other

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20- 3.59)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09- 4.08)
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84- 7.85)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06- 2.21)
50	BOFFE2	14	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50- 1.90)
56	MALATS	9	f	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.77- 2.91)
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21- 1.09)
Partial Totals											72	240	28	176		

*prospective study

Western Other Total

Relative risks

N	11	7	18
NS	11	7	18
Wt	180.25	76.10	256.36
Het Chi	6.26	12.04	25.11
Het df	10	6	17
Het P	N.S.	(*)	(*)
Fixed RR	1.04	1.49	1.16
RRl	0.90	1.19	1.02
RRu	1.21	1.86	1.31
P	N.S.	+++	+
Random RR	1.04	1.45	1.17
RRl	0.90	1.03	0.99
RRu	1.21	2.04	1.39
P	N.S.	+	(+)
Asymm P	N.S.	N.S.	N.S.
Between Chi		6.82	6.82
Between df		1	1
Between P		++	**

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

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

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

Table 7
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female
By publication year (4 groups) - adjusted

1981-89

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43-	1.30)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02-	2.08)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50-	3.30)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93-	2.76)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37-	2.71)
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39-	6.90)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87-	1.94)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87-	3.09)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70-	2.10)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77-	8.85)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89	(0.22-	16.12)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53-	3.49)
Partial Totals											618	97287	401	83255			
*prospective study																	

1990-99

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.47-	1.20)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78-	1.63)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60-	0.90)
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30-	1.96)
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.20)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77-	3.87)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)
40	SCHWAR	6	f	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.72-	1.68)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80-	1.69)
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26-	5.10)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09-	5.85)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88-	1.39)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31-	1.78)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06-	2.21)
50	BOFFE2	14	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50-	1.90)
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93-	3.18)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50-	2.90)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)
Partial Totals											343	665	111	309			
*prospective study																	

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

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

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

Table 7
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female
By publication year (4 groups) - adjusted

2000-09

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)	
56	MALATS	9	f	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.77-	2.91)	
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)	
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)	
59	LAGARD	4	f	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.84-	1.58)	
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(0.67-	4.60)	
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)	
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66-	1.33)	
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21-	1.09)	
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)	
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94-	2.04)	
*67	EPICA	10	f	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.33-	2.17)	
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(1.07-	2.92)	
69	FRANCO	3	f	t	h	a	e	a	2	2	-	-	-	-	1.80	(0.95-	3.42)	
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)	
72	RYLAND	2	f	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.57-	3.30)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)	
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70-	2.63)	
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49-	2.01)	
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(0.78-	2.41)	
78	LOPEZC	3	f	t	t	a	e	-	1	0	-	-	-	-	0.99	(0.00-	509.87)	
79	ASOMAN	13	f	t	h	a	w	a	2	0	-	-	-	-	0.93	(0.31-	2.78)	
80	GALLEG	3	f	t	t	a	e	-	1	0	-	-	-	-	8.00	(0.85-	75.31)	
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78-	2.03)	
83	YANG	8	f	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.10-	3.63)	
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(1.01-	2.07)	
Partial Totals												141	149	85	130			
*prospective study																		

2010 onwards

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
87	BRENNE	18	f	t	h	a	a	a	2	0	-	-	-	-	0.40	(0.25-	0.63)	
88	JIANG	11	f	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.13-	4.53)	
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01	(0.47-	2.17)	
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07	(0.23-	18.34)	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(0.90-	1.40)	
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66-	3.77)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09-	1.56)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)	
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(0.99-	1.46)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99-	1.72)	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52-	1.49)	
100	ILCCO	82	f	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.06-	1.36)	
101	TORRES	8	f	t	h	a	y	a	2		-	-	-	-	0.71	(0.46-	1.10)	
Partial Totals												221	630	260	855			
*prospective study																		

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

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

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

Table 7
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Female

By publication year (4 groups) - adjusted

	1981-89	1990-99	2000-09	2010 onwa	Total
Relative risks					
N	26	27	26	13	92
NS	26	27	26	13	92
Wt	306.28	660.34	365.91	698.06	2030.59
Het Chi	20.80	52.69	29.55	48.26	162.97
Het df	25	26	25	12	91
Het P	N.S.	**	N.S.	***	***
Fixed RR	1.36	1.09	1.24	1.20	1.19
RRl	1.22	1.01	1.12	1.11	1.14
RRu	1.52	1.17	1.37	1.29	1.24
P	+++	+	+++	+++	+++
Random RR	1.36	1.15	1.24	1.18	1.22
RRl	1.22	1.02	1.10	0.98	1.14
RRu	1.52	1.30	1.39	1.41	1.31
P	+++	+	+++	(+)	+++
Asymm P	N.S.	(*)	N.S.	N.S.	*
Between Chi		10.64	1.45	3.37	11.67
Between df		1	1	1	3
Between P		--	N.S.	(-)	**

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

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

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

Table 8
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female
By publication year (8 groups) - adjusted

1981-86

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

*prospective study

1987-89

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39-	6.90)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87-	1.94)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87-	3.09)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70-	2.10)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77-	8.85)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89	(0.22-	16.12)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53-	3.49)
Partial Totals											255	1667	169	872			

*prospective study

1990-94

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.47-	1.20)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78-	1.63)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60-	0.90)
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30-	1.96)
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.20)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77-	3.87)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)
Partial Totals											47	154	28	100			

*prospective study

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

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

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

Table 8
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Female
 By publication year (8 groups) - adjusted

1995-98

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

*prospective study

1999-2002

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
50	BOFFE2	14	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50-	1.90)
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93-	3.18)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50-	2.90)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)
56	MALATS	9	f	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.77-	2.91)
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)
59	LAGARD	4	f	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.84-	1.58)
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(0.67-	4.60)
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)
Partial Totals											0	0	0	0			

*prospective study

2003-06

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66-	1.33)
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21-	1.09)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94-	2.04)
*67	EPICA	10	f	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.33-	2.17)
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(1.07-	2.92)
69	FRANCO	3	f	t	h	a	e	a	2	2	-	-	-	-	1.80	(0.95-	3.42)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)
72	RYLAND	2	f	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.57-	3.30)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70-	2.63)
Partial Totals											0	0	0	0			

*prospective study

2007-10

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49-	2.01)
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(0.78-	2.41)
78	LOPEZC	3	f	t	t	a	e	-	1	0	-	-	-	-	0.99	(0.00-	509.87)
79	ASOMAN	13	f	t	h	a	w	a	2	0	-	-	-	-	0.93	(0.31-	2.78)
80	GALLEG	3	f	t	t	a	e	-	1	0	-	-	-	-	8.00	(0.85-	75.31)
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78-	2.03)
83	YANG	8	f	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.10-	3.63)
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(1.01-	2.07)
87	BRENNE	18	f	t	h	a	a	a	2	0	-	-	-	-	0.40	(0.25-	0.63)
88	JIANG	11	f	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.13-	4.53)
Partial Totals											141	149	85	130			

*prospective study

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

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

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

Table 8
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Female
 By publication year (8 groups) - adjusted

2011 onwards

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01	(0.47- 2.17)
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07	(0.23- 18.34)
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(0.90- 1.40)
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66- 3.77)
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09- 1.56)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01- 4.00)
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(0.99- 1.46)
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99- 1.72)
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52- 1.49)
100	ILCCO	82	f	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.06- 1.36)
101	TORRES	8	f	t	h	a	y	a	2		-	-	-	-	0.71	(0.46- 1.10)
Partial Totals											221	630	260	855		

*prospective study

1981-86 1987-89 1990-94 1995-98 1999-2002 2003-06 2007-10 2011 onwa Total

Relative risks

N	12	14	11	11	12	11	10	11	92
NS	12	14	11	11	12	11	10	11	92
Wt	159.38	146.90	365.72	230.32	190.68	158.04	107.47	672.07	2030.59
Het Chi	12.85	7.30	30.66	12.68	9.53	14.22	32.28	23.02	162.97
Het df	11	13	10	10	11	10	9	10	91
Het P	N.S.	N.S.	***	N.S.	N.S.	N.S.	***	*	***
Fixed RR	1.30	1.43	0.99	1.23	1.24	1.13	1.18	1.23	1.19
RRl	1.11	1.21	0.89	1.08	1.08	0.97	0.98	1.14	1.14
RRu	1.52	1.68	1.09	1.40	1.43	1.32	1.43	1.32	1.24
P	+++	+++	N.S.	++	++	N.S.	(+)	+++	+++
Random RR	1.30	1.43	1.04	1.25	1.24	1.14	1.26	1.24	1.22
RRl	1.09	1.21	0.84	1.07	1.08	0.94	0.84	1.08	1.14
RRu	1.55	1.68	1.28	1.47	1.43	1.38	1.89	1.42	1.31
P	++	+++	N.S.	++	++	N.S.	N.S.	++	+++
Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	*
Between Chi		0.65	8.43	0.29	0.17	1.52	0.61	0.46	20.42
Between df		1	1	1	1	1	1	1	7
Between P		N.S.	--	N.S.	N.S.	N.S.	N.S.	N.S.	**

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

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

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

Table 9
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female

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

1-49											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07 (0.81- 5.25)	
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80 (0.34- 1.90)	
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20 (0.50- 3.30)	
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00 (0.37- 2.71)	
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68 (0.39- 6.90)	
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20 (0.76- 6.56)	
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02 (0.48- 8.56)	
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25 (0.77- 8.85)	
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89 (0.22- 16.12)	
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36 (0.53- 3.49)	
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72 (0.77- 3.87)	
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58 (0.30- 1.13)	
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57 (0.84- 7.85)	
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20 (0.50- 2.90)	
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50 (0.30- 6.30)	
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80 (0.67- 4.60)	
*67	EPICA	10	f	t	h	a	c	a	2	7	-	-	-	-	0.84 (0.33- 2.17)	
72	RYLAND	2	f	t	h	a	e	a	2	1	-	-	-	-	1.37 (0.57- 3.30)	
78	LOPEZC	3	f	t	t	a	e	-	1	0	-	-	-	-	0.99 (0.00- 509.87)	
80	GALLEG	3	f	t	t	a	e	-	1	0	-	-	-	-	8.00 (0.85- 75.31)	
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07 (0.23- 18.34)	
Partial Totals											71	1644	21	660		

*prospective study

50-99											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75 (0.43- 1.30)	
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08 (1.20- 3.59)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79 (0.25- 2.45)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (1.09- 3.72)	
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50 (0.93- 2.76)	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64 (0.87- 3.09)	
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20 (0.70- 2.10)	
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16 (1.08- 4.29)	
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08 (0.64- 1.82)	
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63 (0.92- 2.87)	
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11 (1.09- 4.08)	
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77 (0.30- 1.96)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09 (0.64- 1.85)	
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08 (0.60- 1.94)	
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53 (1.26- 5.10)	
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52 (1.09- 5.85)	
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75 (0.31- 1.78)	
50	BOFFE2	14	f	a	s	a	a	-	2	2	-	-	-	-	1.00 (0.50- 1.90)	
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72 (0.93- 3.18)	
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20 (0.62- 2.30)	
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48 (0.21- 1.09)	
69	FRANCO	3	f	t	h	a	e	a	2	2	-	-	-	-	1.80 (0.95- 3.42)	
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00 (0.49- 2.01)	
79	ASOMAN	13	f	t	h	a	w	a	2	0	-	-	-	-	0.93 (0.31- 2.78)	
88	JIANG	11	f	t	t	a	e	-	2	10	-	-	-	-	2.27 (1.13- 4.53)	
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01 (0.47- 2.17)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01 (1.01- 4.00)	
Partial Totals											525	961	290	759		

*prospective study

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

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

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

Table 9
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female

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

100-199

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(	0.85-	1.61)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(	0.81-	1.87)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(	1.16-	2.35)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(	0.70-	1.64)
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(	0.47-	1.20)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(	0.78-	1.63)
40	SCHWAR	6	f	t	h	a	e	a	2	2	-	-	-	-	1.10	(	0.72-	1.68)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(	0.67-	1.84)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(	1.06-	2.21)
56	MALATS	9	f	t	s	a	e	-	2	2	-	-	-	-	1.50	(	0.77-	2.91)
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(	0.67-	1.49)
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(	0.66-	1.33)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(	0.50-	1.30)
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(	0.94-	2.04)
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(	1.07-	2.92)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(	0.63-	2.10)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(	0.74-	1.61)
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(	0.78-	2.41)
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(	0.78-	2.03)
83	YANG	8	f	t	t	a	e	-	b	3	-	-	-	-	2.00	(	1.10-	3.63)
87	BRENNE	18	f	t	h	a	a	a	2	0	-	-	-	-	0.40	(	0.25-	0.63)
101	TORRES	8	f	t	h	a	y	a	2		-	-	-	-	0.71	(	0.46-	1.10)
Partial Totals											386	95375	235	82236				
*prospective study																		

200-399

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(	1.02-	2.08)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(	0.87-	1.94)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(	0.80-	3.00)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(	0.80-	1.69)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(	0.80-	1.60)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(	1.29-	2.71)
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(	0.60-	1.70)
59	LAGARD	4	f	t	h	a	a	a	2	6	-	-	-	-	1.15	(	0.84-	1.58)
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(	0.70-	2.63)
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(	1.01-	2.07)
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(	1.66-	3.77)
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(	0.99-	1.72)
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(	0.52-	1.49)
Partial Totals											141	149	85	130				
*prospective study																		

400+

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(	0.60-	0.90)
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(	0.80-	1.20)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(	1.04-	1.60)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(	0.88-	1.39)
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(	0.80-	1.50)
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(	0.90-	1.40)
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(	1.09-	1.56)
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(	0.99-	1.46)
100	ILCCO	82	f	t	h	a	a	a	2	3	-	-	-	-	1.20	(	1.06-	1.36)
Partial Totals											200	602	226	764				
*prospective study																		

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

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

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

Table 9
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Female

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

	1-49	50-99	100-199	200-399	400+	Total
Relative risks						
N	21	27	22	13	9	92
NS	21	27	22	13	9	92
Wt	72.00	240.81	457.44	328.74	931.59	2030.59
Het Chi	16.34	37.49	46.38	17.90	27.83	162.97
Het df	20	26	21	12	8	91
Het P	N.S.	(*)	**	N.S.	***	***
Fixed RR	1.32	1.37	1.12	1.36	1.12	1.19
RRl	1.05	1.21	1.02	1.22	1.05	1.14
RRu	1.66	1.56	1.23	1.52	1.19	1.24
P	+	+++	+	+++	+++	+++
Random RR	1.32	1.37	1.12	1.36	1.10	1.22
RRl	1.05	1.17	0.97	1.19	0.97	1.14
RRu	1.66	1.60	1.28	1.56	1.25	1.31
P	+	+++	N.S.	+++	N.S.	+++
Asymm P	*	N.S.	N.S.	N.S.	N.S.	*
Between Chi		0.08	1.70	0.05	1.86	17.03
Between df		1	1	1	1	4
Between P		N.S.	N.S.	N.S.	N.S.	**

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

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

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

Table 10
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female
By number of male+female lung cancer cases (grouped) - adjusted

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)	
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50-	3.30)	
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37-	2.71)	
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39-	6.90)	
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)	
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)	
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77-	8.85)	
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89	(0.22-	16.12)	
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53-	3.49)	
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77-	3.87)	
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)	
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)	
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(0.67-	4.60)	
72	RYLAND	2	f	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.57-	3.30)	
78	LOPEZC	3	f	t	t	a	e	-	1	0	-	-	-	-	0.99	(0.00-	509.87)	
80	GALLEG	3	f	t	t	a	e	-	1	0	-	-	-	-	8.00	(0.85-	75.31)	
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07	(0.23-	18.34)	
Partial Totals											38	1480	13	628				
*prospective study																		

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43-	1.30)	
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)	
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87-	3.09)	
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70-	2.10)	
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)	
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)	
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)	
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)	
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30-	1.96)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)	
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)	
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26-	5.10)	
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09-	5.85)	
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31-	1.78)	
50	BOFFE2	14	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50-	1.90)	
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93-	3.18)	
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50-	2.90)	
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)	
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21-	1.09)	
*67	EPICA	10	f	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.33-	2.17)	
69	FRANCO	3	f	t	h	a	e	a	2	2	-	-	-	-	1.80	(0.95-	3.42)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)	
Partial Totals											558	1125	298	791				
*prospective study																		

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

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

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

Table 10
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female

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

100-199

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)	
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)	
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93-	2.76)	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)	
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.47-	1.20)	
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78-	1.63)	
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)	
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)	
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06-	2.21)	
56	MALATS	9	f	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.77-	2.91)	
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)	
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)	
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(1.07-	2.92)	
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)	
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49-	2.01)	
79	ASOMAN	13	f	t	h	a	w	a	2	0	-	-	-	-	0.93	(0.31-	2.78)	
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78-	2.03)	
87	BRENNE	18	f	t	h	a	a	a	2	0	-	-	-	-	0.40	(0.25-	0.63)	
88	JIANG	11	f	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.13-	4.53)	
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01	(0.47-	2.17)	
101	TORRES	8	f	t	h	a	y	a	2		-	-	-	-	0.71	(0.46-	1.10)	
Partial Totals											386	95375	235	82236				

*prospective study

200-399

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02-	2.08)	
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87-	1.94)	
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)	
40	SCHWAR	6	f	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.72-	1.68)	
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80-	1.69)	
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)	
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)	
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)	
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66-	1.33)	
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94-	2.04)	
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70-	2.63)	
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(0.78-	2.41)	
83	YANG	8	f	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.10-	3.63)	
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(1.01-	2.07)	
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66-	3.77)	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52-	1.49)	
Partial Totals											141	149	85	130				

*prospective study

400+

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60-	0.90)	
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.20)	
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)	
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88-	1.39)	
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)	
59	LAGARD	4	f	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.84-	1.58)	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(0.90-	1.40)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09-	1.56)	
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(0.99-	1.46)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99-	1.72)	
100	ILCCO	82	f	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.06-	1.36)	
Partial Totals											200	602	226	764				

*prospective study

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

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

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

Table 10
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female

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

	1-49	50-99	100-199	200-399	400+	Total
Relative risks						
N	17	25	23	16	11	92
NS	17	25	23	16	11	92
Wt	48.77	214.49	405.85	341.03	1020.45	2030.59
Het Chi	5.17	41.49	45.53	23.57	29.05	162.97
Het df	16	24	22	15	10	91
Het P	N.S.	*	**	(*)	**	***
Fixed RR	1.70	1.31	1.12	1.35	1.13	1.19
RRl	1.28	1.15	1.01	1.21	1.06	1.14
RRu	2.24	1.50	1.23	1.50	1.20	1.24
P	+++	+++	+	+++	+++	+++
Random RR	1.70	1.30	1.11	1.35	1.12	1.22
RRl	1.28	1.08	0.96	1.18	1.00	1.14
RRu	2.24	1.55	1.28	1.55	1.25	1.31
P	+++	++	N.S.	+++	+	+++
Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.	*
Between Chi		2.62	7.63	2.23	7.74	18.16
Between df		1	1	1	1	4
Between P		N.S.	--	N.S.	--	**

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

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

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

Table 11
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female
By full histological confirmation or not - adjusted

No	StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
												Case	Cont	Case	Cont				
	*1	GARF11	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)	
	2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43-	1.30)	
	3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)	
	4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)	
	*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02-	2.08)	
	9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)	
	11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93-	2.76)	
	12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37-	2.71)	
	14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87-	1.94)	
	16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87-	3.09)	
	18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70-	2.10)	
	20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)	
	21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77-	8.85)	
	23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)	
	*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89	(0.22-	16.12)	
	26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53-	3.49)	
	28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)	
	30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60-	0.90)	
	31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30-	1.96)	
	32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.20)	
	34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)	
	35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77-	3.87)	
	37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)	
	38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)	
	43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)	
	*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)	
	45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09-	5.85)	
	47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88-	1.39)	
	*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93-	3.18)	
	52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50-	2.90)	
	54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)	
	57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)	
	*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(0.67-	4.60)	
	*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66-	1.33)	
	66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94-	2.04)	
	*67	EPICA	10	f	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.33-	2.17)	
	72	RYLAND	2	f	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.57-	3.30)	
	*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)	
	*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49-	2.01)	
	*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(0.78-	2.41)	
	*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78-	2.03)	
	*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07	(0.23-	18.34)	
	92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(0.90-	1.40)	
	98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99-	1.72)	
	*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52-	1.49)	
	Partial Totals												734	97759	525	83838			

*prospective study

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

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

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

Table 11
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female

By full histological confirmation or not - adjusted

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50-	3.30)
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39-	6.90)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.47-	1.20)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78-	1.63)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)
40	SCHWAR	6	f	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.72-	1.68)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80-	1.69)
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26-	5.10)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31-	1.78)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06-	2.21)
50	BOFFE2	14	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50-	1.90)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)
56	MALATS	9	f	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.77-	2.91)
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)
59	LAGARD	4	f	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.84-	1.58)
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21-	1.09)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(1.07-	2.92)
69	FRANCO	3	f	t	h	a	e	a	2	2	-	-	-	-	1.80	(0.95-	3.42)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70-	2.63)
78	LOPEZC	3	f	t	t	a	e	-	1	0	-	-	-	-	0.99	(0.00-	509.87)
79	ASOMAN	13	f	t	h	a	w	a	2	0	-	-	-	-	0.93	(0.31-	2.78)
80	GALLEG	3	f	t	t	a	e	-	1	0	-	-	-	-	8.00	(0.85-	75.31)
83	YANG	8	f	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.10-	3.63)
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(1.01-	2.07)
87	BRENNE	18	f	t	h	a	a	a	2	0	-	-	-	-	0.40	(0.25-	0.63)
88	JIANG	11	f	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.13-	4.53)
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01	(0.47-	2.17)
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66-	3.77)
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09-	1.56)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(0.99-	1.46)
100	ILCCO	82	f	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.06-	1.36)
101	TORRES	8	f	t	h	a	y	a	2		-	-	-	-	0.71	(0.46-	1.10)
Partial Totals											589	972	332	711			

*prospective study

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

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

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

Table 11
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Female

By full histological confirmation or not - adjusted

	No	Yes	Total
Relative risks			
N	45	47	92
NS	45	47	92
Wt	902.20	1128.39	2030.59
Het Chi	69.43	89.93	162.97
Het df	44	46	91
Het P	**	***	***
Fixed RR	1.13	1.24	1.19
RRl	1.06	1.17	1.14
RRu	1.21	1.31	1.24
P	+++	+++	+++
Random RR	1.20	1.24	1.22
RRl	1.10	1.12	1.14
RRu	1.32	1.36	1.31
P	+++	+++	+++
Asymm P	***	N.S.	*
Between Chi		3.61	3.61
Between df		1	1
Between P		(+)	(*)

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

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

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

Table 12
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female

By study type (case-control, prospective) - adjusted

Case-con.

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(	0.43- 1.30)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(	0.81- 5.25)
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(	1.20- 3.59)
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(	0.34- 1.90)
7	KABAT1	4	f	t	s	a	e	-	2	0	13	15	11	10	0.79	(	0.25- 2.45)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(	0.81- 1.87)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(	1.09- 3.72)
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(	0.50- 3.30)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(	0.93- 2.76)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(	0.37- 2.71)
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(	0.39- 6.90)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(	0.87- 1.94)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(	0.76- 6.56)
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(	0.87- 3.09)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(	1.16- 2.35)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(	0.70- 2.10)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(	1.08- 4.29)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(	0.77- 8.85)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(	0.64- 1.82)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(	0.92- 2.87)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(	0.70- 1.64)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(	0.53- 3.49)
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(	0.47- 1.20)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(	1.09- 4.08)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(	0.78- 1.63)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(	0.60- 0.90)
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(	0.30- 1.96)
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(	0.80- 1.20)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(	0.80- 3.00)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(	0.64- 1.85)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(	0.77- 3.87)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(	1.04- 1.60)
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(	0.30- 1.13)
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(	0.84- 7.85)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(	0.60- 1.94)
40	SCHWAR	6	f	t	h	a	e	a	2	2	-	-	-	-	1.10	(	0.72- 1.68)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(	0.80- 1.69)
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(	1.26- 5.10)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(	0.67- 1.84)
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(	1.09- 5.85)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(	0.88- 1.39)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(	0.31- 1.78)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(	1.06- 2.21)
50	BOFFE2	14	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(	0.50- 1.90)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(	0.50- 2.90)
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(	0.80- 1.50)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(	1.29- 2.71)
56	MALATS	9	f	t	s	a	e	-	2	2	-	-	-	-	1.50	(	0.77- 2.91)
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(	0.60- 1.70)
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(	0.62- 2.30)
59	LAGARD	4	f	t	h	a	a	a	2	6	-	-	-	-	1.15	(	0.84- 1.58)
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(	0.67- 1.49)
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(	0.21- 1.09)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(	0.50- 1.30)
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(	0.94- 2.04)
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(	1.07- 2.92)
69	FRANCO	3	f	t	h	a	e	a	2	2	-	-	-	-	1.80	(	0.95- 3.42)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(	0.63- 2.10)
72	RYLAND	2	f	t	h	a	e	a	2	1	-	-	-	-	1.37	(	0.57- 3.30)
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(	0.70- 2.63)
78	LOPEZC	3	f	t	t	a	e	-	1	0	-	-	-	-	0.99	(	0.00- 509.87)
79	ASOMAN	13	f	t	h	a	w	a	2	0	-	-	-	-	0.93	(	0.31- 2.78)
80	GALLEG	3	f	t	t	a	e	-	1	0	-	-	-	-	8.00	(	0.85- 75.31)
83	YANG	8	f	t	t	a	e	-	b	3	-	-	-	-	2.00	(	1.10- 3.63)
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(	1.01- 2.07)
87	BRENNE	18	f	t	h	a	a	a	2	0	-	-	-	-	0.40	(	0.25- 0.63)

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

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

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

Table 12
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female

By study type (case-control, prospective) - adjusted

Case-con.

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
88	JIANG	11	f	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.13-	4.53)
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01	(0.47-	2.17)
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(0.90-	1.40)
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66-	3.77)
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09-	1.56)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(0.99-	1.46)
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99-	1.72)
100	ILCCO	82	f	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.06-	1.36)
101	TORRES	8	f	t	h	a	y	a	2		-	-	-	-	0.71	(0.46-	1.10)
Partial Totals											1230	2556	791	2201			

*prospective study

Prosp.

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02-	2.08)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89	(0.22-	16.12)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93-	3.18)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(0.67-	4.60)
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66-	1.33)
*67	EPICA	10	f	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.33-	2.17)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49-	2.01)
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(0.78-	2.41)
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78-	2.03)
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07	(0.23-	18.34)
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52-	1.49)
Partial Totals											93	96175	66	82348			

*prospective study

Case-con. Prosp. Total

Relative risks

N	76	16	92
NS	76	16	92
Wt	1799.97	230.62	2030.59
Het Chi	154.38	8.59	162.97
Het df	75	15	91
Het P	***	N.S.	***
Fixed RR	1.19	1.19	1.19
RRl	1.14	1.04	1.14
RRu	1.25	1.35	1.24
P	+++	++	+++
Random RR	1.23	1.19	1.22
RRl	1.14	1.04	1.14
RRu	1.33	1.35	1.31
P	+++	++	+++
Asymm P	(*)	N.S.	*
Between Chi		0.00	0.00
Between df		1	1
Between P		N.S.	N.S.

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

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

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

Table 13
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female
By study control type - adjusted

Healthy

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50-	3.30)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87-	1.94)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87-	3.09)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70-	2.10)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.47-	1.20)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60-	0.90)
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30-	1.96)
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.20)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)
40	SCHWAR	6	f	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.72-	1.68)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80-	1.69)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09-	5.85)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31-	1.78)
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21-	1.09)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94-	2.04)
69	FRANCO	3	f	t	h	a	e	a	2	2	-	-	-	-	1.80	(0.95-	3.42)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)
72	RYLAND	2	f	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.57-	3.30)
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70-	2.63)
79	ASOMAN	13	f	t	h	a	w	a	2	0	-	-	-	-	0.93	(0.31-	2.78)
80	GALLEG	3	f	t	t	a	e	-	1	0	-	-	-	-	8.00	(0.85-	75.31)
83	YANG	8	f	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.10-	3.63)
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(1.01-	2.07)
88	JIANG	11	f	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.13-	4.53)
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66-	3.77)
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09-	1.56)
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(0.99-	1.46)
Partial Totals											485	752	237	488			

*prospective study

Diseased

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43-	1.30)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93-	2.76)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37-	2.71)
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39-	6.90)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77-	8.85)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78-	1.63)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77-	3.87)
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26-	5.10)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06-	2.21)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)
78	LOPEZC	3	f	t	t	a	e	-	1	0	-	-	-	-	0.99	(0.00-	509.87)

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

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

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

Table 13
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female
By study control type - adjusted

Diseased

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01	(0.47- 2.17)
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(0.90- 1.40)
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99- 1.72)
101	TORRES	8	f	t	h	a	y	a	2		-	-	-	-	0.71	(0.46- 1.10)
Partial Totals											657	1571	492	1538		

*prospective study

Both

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34- 1.90)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53- 3.49)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88- 1.39)
50	BOFFE2	14	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50- 1.90)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50- 2.90)
56	MALATS	9	f	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.77- 2.91)
59	LAGARD	4	f	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.84- 1.58)
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(1.07- 2.92)
87	BRENNE	18	f	t	h	a	a	a	2	0	-	-	-	-	0.40	(0.25- 0.63)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01- 4.00)
100	ILCCO	82	f	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.06- 1.36)
Partial Totals											54	192	42	123		

*prospective study

Unstated

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08- 4.29)
Totals											34	41	20	52		

*prospective study

Prosp.

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85- 1.61)
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02- 2.08)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48- 8.56)
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89	(0.22- 16.12)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80- 1.60)
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93- 3.18)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30- 6.30)
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(0.67- 4.60)
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66- 1.33)
*67	EPICA	10	f	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.33- 2.17)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74- 1.61)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49- 2.01)
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(0.78- 2.41)
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78- 2.03)
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07	(0.23- 18.34)
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52- 1.49)
Partial Totals											93	96175	66	82348		

*prospective study

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

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

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

Table 13
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female

By study control type - adjusted

	Healthy	Diseased	Both	Unstated	Prosp.	Total
Relative risks						
N	37	27	11	1	16	92
NS	37	27	11	1	16	92
Wt	923.87	435.43	432.55	8.13	230.62	2030.59
Het Chi	81.14	40.98	27.52	0.00	8.59	162.97
Het df	36	26	10	0	15	91
Het P	***	*	**	N.S.	N.S.	***
Fixed RR	1.17	1.25	1.15	2.16	1.19	1.19
RRl	1.10	1.14	1.05	1.08	1.04	1.14
RRu	1.25	1.38	1.26	4.29	1.35	1.24
P	+++	+++	++	+	++	+++
Random RR	1.23	1.27	1.12	2.16	1.19	1.22
RRl	1.10	1.12	0.90	1.08	1.04	1.14
RRu	1.38	1.45	1.39	4.29	1.35	1.31
P	+++	+++	N.S.	+	++	+++
Asymm P	N.S.	N.S.	N.S.		N.S.	*
Between Chi		1.31	0.12	2.98	0.02	4.75
Between df		1	1	1	1	4
Between P		N.S.	N.S.	(+)	N.S.	N.S.

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

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

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

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

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(	0.85-	1.61)
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(	0.43-	1.30)
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(	0.34-	1.90)
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(	1.02-	2.08)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(	0.25-	2.45)
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(	0.50-	3.30)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(	0.93-	2.76)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(	0.37-	2.71)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(	0.87-	1.94)
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(	0.87-	3.09)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(	0.70-	2.10)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(	0.64-	1.82)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(	0.92-	2.87)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(	0.70-	1.64)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(	0.78-	1.63)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(	0.60-	0.90)
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(	0.30-	1.96)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(	0.77-	3.87)
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(	0.84-	7.85)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(	0.60-	1.94)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(	0.80-	1.69)
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(	1.26-	5.10)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(	0.80-	1.60)
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(	1.09-	5.85)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(	0.88-	1.39)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(	0.31-	1.78)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(	1.06-	2.21)
50	BOFFE2	14	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(	0.50-	1.90)
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(	0.93-	3.18)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(	0.50-	2.90)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(	0.30-	6.30)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(	1.29-	2.71)
56	MALATS	9	f	t	s	a	e	-	2	2	-	-	-	-	1.50	(	0.77-	2.91)
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(	0.62-	2.30)
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(	0.67-	4.60)
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(	0.67-	1.49)
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(	0.66-	1.33)
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(	0.21-	1.09)
*67	EPICA	10	f	t	h	a	c	a	2	7	-	-	-	-	0.84	(	0.33-	2.17)
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(	1.07-	2.92)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(	0.74-	1.61)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(	0.49-	2.01)
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(	0.78-	2.41)
78	LOPEZC	3	f	t	t	a	e	-	1	0	-	-	-	-	0.99	(	0.00-	509.87)
79	ASOMAN	13	f	t	h	a	w	a	2	0	-	-	-	-	0.93	(	0.31-	2.78)
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(	0.78-	2.03)
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(	1.01-	2.07)
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01	(	0.47-	2.17)
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07	(	0.23-	18.34)
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(	0.90-	1.40)
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(	1.66-	3.77)
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(	1.09-	1.56)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(	1.01-	4.00)
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(	0.99-	1.46)
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(	0.99-	1.72)
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(	0.52-	1.49)
Partial Totals											835	96505	583	83270				
*prospective study																		

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

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

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

Table 14
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female

By study quality (PNL criteria) - adjusted

Bad																	
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39-	6.90)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77-	8.85)
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89	(0.22-	16.12)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53-	3.49)
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.47-	1.20)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.20)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)
40	SCHWAR	6	f	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.72-	1.68)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)
59	LAGARD	4	f	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.84-	1.58)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94-	2.04)
69	FRANCO	3	f	t	h	a	e	a	2	2	-	-	-	-	1.80	(0.95-	3.42)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)
72	RYLAND	2	f	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.57-	3.30)
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70-	2.63)
80	GALLEG	3	f	t	t	a	e	-	1	0	-	-	-	-	8.00	(0.85-	75.31)
83	YANG	8	f	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.10-	3.63)
87	BRENNE	18	f	t	h	a	a	a	2	0	-	-	-	-	0.40	(0.25-	0.63)
88	JIANG	11	f	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.13-	4.53)
100	ILCCO	82	f	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.06-	1.36)
101	TORRES	8	f	t	h	a	y	a	2		-	-	-	-	0.71	(0.46-	1.10)
Partial Totals											488	2226	274	1279			

*prospective study

Good Bad Total

Relative risks

N	56	36	92
NS	56	36	92
Wt	1184.70	845.89	2030.59
Het Chi	88.41	74.54	162.97
Het df	55	35	91
Het P	**	***	***
Fixed RR	1.19	1.19	1.19
RRl	1.13	1.11	1.14
RRu	1.26	1.27	1.24
P	+++	+++	+++
Random RR	1.23	1.23	1.22
RRl	1.13	1.09	1.14
RRu	1.33	1.39	1.31
P	+++	+++	+++
Asymm P	N.S.	N.S.	*
Between Chi		0.02	0.02
Between df		1	1
Between P		N.S.	N.S.

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

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

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

Table 15
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female

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

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75 (0.43- 1.30)	
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08 (1.20- 3.59)	
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80 (0.34- 1.90)	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65 (1.16- 2.35)	
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16 (1.08- 4.29)	
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63 (0.92- 2.87)	
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57 (0.84- 7.85)	
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53 (1.26- 5.10)	
78	LOPEZC	3	f	t	t	a	e	-	1	0	-	-	-	-	0.99 (0.00- 509.87)	
79	ASOMAN	13	f	t	h	a	w	a	2	0	-	-	-	-	0.93 (0.31- 2.78)	
80	GALLEG	3	f	t	t	a	e	-	1	0	-	-	-	-	8.00 (0.85- 75.31)	
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (1.01- 2.07)	
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01 (0.47- 2.17)	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12 (0.90- 1.40)	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88 (0.52- 1.49)	
Partial Totals											745	1562	542	1520		
*prospective study																

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07 (0.81- 5.25)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (1.09- 3.72)	
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36 (0.53- 3.49)	
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11 (0.67- 1.84)	
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50 (0.30- 6.30)	
Partial Totals											143	214	74	198		
*prospective study																

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45 (1.02- 2.08)	
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20 (0.50- 3.30)	
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30 (0.87- 1.94)	
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20 (0.76- 6.56)	
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20 (0.70- 2.10)	
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02 (0.48- 8.56)	
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89 (0.22- 16.12)	
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00 (0.80- 1.20)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09 (0.64- 1.85)	
40	SCHWAR	6	f	t	h	a	e	a	2	2	-	-	-	-	1.10 (0.72- 1.68)	
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16 (0.80- 1.69)	
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52 (1.09- 5.85)	
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53 (1.06- 2.21)	
56	MALATS	9	f	t	s	a	e	-	2	2	-	-	-	-	1.50 (0.77- 2.91)	
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00 (0.67- 1.49)	
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80 (0.50- 1.30)	
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38 (0.94- 2.04)	
69	FRANCO	3	f	t	h	a	e	a	2	2	-	-	-	-	1.80 (0.95- 3.42)	
101	TORRES	8	f	t	h	a	y	a	2		-	-	-	-	0.71 (0.46- 1.10)	
Partial Totals											114	1628	36	640		
*prospective study																

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

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

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

Table 15
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female

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

3-5

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(	0.25-	2.45)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(	0.81-	1.87)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(	0.37-	2.71)
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(	0.39-	6.90)
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(	0.87-	3.09)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(	0.77-	8.85)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(	0.64-	1.82)
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(	0.47-	1.20)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(	1.09-	4.08)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(	0.78-	1.63)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(	0.60-	0.90)
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(	0.30-	1.96)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(	0.80-	3.00)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(	0.77-	3.87)
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(	0.30-	1.13)
50	BOFFE2	14	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(	0.50-	1.90)
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(	0.93-	3.18)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(	0.50-	2.90)
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(	0.62-	2.30)
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(	0.21-	1.09)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(	0.63-	2.10)
72	RYLAND	2	f	t	h	a	e	a	2	1	-	-	-	-	1.37	(	0.57-	3.30)
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(	0.78-	2.03)
83	YANG	8	f	t	t	a	e	-	b	3	-	-	-	-	2.00	(	1.10-	3.63)
87	BRENNE	18	f	t	h	a	a	a	2	0	-	-	-	-	0.40	(	0.25-	0.63)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(	1.01-	4.00)
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(	0.99-	1.46)
100	ILCCO	82	f	t	h	a	a	a	2	3	-	-	-	-	1.20	(	1.06-	1.36)
Partial Totals											177	388	126	321				
*prospective study																		

6+

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(	0.85-	1.61)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(	0.93-	2.76)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(	0.70-	1.64)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(	1.04-	1.60)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(	0.60-	1.94)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(	0.80-	1.60)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(	0.88-	1.39)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(	0.31-	1.78)
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(	0.80-	1.50)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(	1.29-	2.71)
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(	0.60-	1.70)
59	LAGARD	4	f	t	h	a	a	a	2	6	-	-	-	-	1.15	(	0.84-	1.58)
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(	0.67-	4.60)
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(	0.66-	1.33)
*67	EPICA	10	f	t	h	a	c	a	2	7	-	-	-	-	0.84	(	0.33-	2.17)
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(	1.07-	2.92)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(	0.74-	1.61)
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(	0.70-	2.63)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(	0.49-	2.01)
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(	0.78-	2.41)
88	JIANG	11	f	t	t	a	e	-	2	10	-	-	-	-	2.27	(	1.13-	4.53)
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07	(	0.23-	18.34)
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(	1.66-	3.77)
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(	1.09-	1.56)
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(	0.99-	1.72)
Partial Totals											144	94939	79	81870				
*prospective study																		

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

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

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

Table 15
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Female

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

	0	1	2	3-5	6+	Total
Relative risks						
N	15	5	19	28	25	92
NS	15	5	19	28	25	92
Wt	227.56	35.44	371.79	689.98	705.82	2030.59
Het Chi	24.60	2.74	22.49	70.21	30.75	162.97
Het df	14	4	18	27	24	91
Het P	*	N.S.	N.S.	***	N.S.	***
Fixed RR	1.31	1.48	1.16	1.09	1.26	1.19
RRl	1.15	1.06	1.05	1.01	1.17	1.14
RRu	1.50	2.05	1.29	1.17	1.36	1.24
P	+++	+	++	+	+++	+++
Random RR	1.37	1.48	1.19	1.11	1.27	1.22
RRl	1.12	1.06	1.05	0.95	1.16	1.14
RRu	1.69	2.05	1.34	1.29	1.38	1.31
P	++	+	++	N.S.	+++	+++
Asymm P	N.S.	N.S.	(*)	N.S.	N.S.	*
Between Chi		0.41	2.11	6.22	0.30	12.18
Between df		1	1	1	1	4
Between P		N.S.	N.S.	-	N.S.	*

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

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

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

Table 16
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female

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

No											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75 (0.43- 1.30)	
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07 (0.81- 5.25)	
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08 (1.20- 3.59)	
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80 (0.34- 1.90)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (1.09- 3.72)	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65 (1.16- 2.35)	
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16 (1.08- 4.29)	
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63 (0.92- 2.87)	
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72 (0.77- 3.87)	
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57 (0.84- 7.85)	
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53 (1.26- 5.10)	
78	LOPEZC	3	f	t	t	a	e	-	1	0	-	-	-	-	0.99 (0.00- 509.87)	
79	ASOMAN	13	f	t	h	a	w	a	2	0	-	-	-	-	0.93 (0.31- 2.78)	
80	GALLEG	3	f	t	t	a	e	-	1	0	-	-	-	-	8.00 (0.85- 75.31)	
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (1.01- 2.07)	
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01 (0.47- 2.17)	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12 (0.90- 1.40)	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88 (0.52- 1.49)	
Partial Totals											796	1687	573	1672		
*prospective study																
Yes											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17 (0.85- 1.61)	
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45 (1.02- 2.08)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79 (0.25- 2.45)	
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23 (0.81- 1.87)	
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20 (0.50- 3.30)	
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50 (0.93- 2.76)	
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00 (0.37- 2.71)	
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68 (0.39- 6.90)	
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30 (0.87- 1.94)	
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20 (0.76- 6.56)	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64 (0.87- 3.09)	
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20 (0.70- 2.10)	
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02 (0.48- 8.56)	
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25 (0.77- 8.85)	
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08 (0.64- 1.82)	
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89 (0.22- 16.12)	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07 (0.70- 1.64)	
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36 (0.53- 3.49)	
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75 (0.47- 1.20)	
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11 (1.09- 4.08)	
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13 (0.78- 1.63)	
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70 (0.60- 0.90)	
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77 (0.30- 1.96)	
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00 (0.80- 1.20)	
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60 (0.80- 3.00)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09 (0.64- 1.85)	
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29 (1.04- 1.60)	
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58 (0.30- 1.13)	
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08 (0.60- 1.94)	
40	SCHWAR	6	f	t	h	a	e	a	2	2	-	-	-	-	1.10 (0.72- 1.68)	
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16 (0.80- 1.69)	
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11 (0.67- 1.84)	
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20 (0.80- 1.60)	
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52 (1.09- 5.85)	
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11 (0.88- 1.39)	
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75 (0.31- 1.78)	
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53 (1.06- 2.21)	
50	BOFFE2	14	f	a	s	a	a	-	2	2	-	-	-	-	1.00 (0.50- 1.90)	
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72 (0.93- 3.18)	
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20 (0.50- 2.90)	
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50 (0.30- 6.30)	
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10 (0.80- 1.50)	

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

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

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

Table 16
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female

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

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)	
56	MALATS	9	f	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.77-	2.91)	
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)	
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)	
59	LAGARD	4	f	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.84-	1.58)	
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(0.67-	4.60)	
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)	
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66-	1.33)	
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21-	1.09)	
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)	
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94-	2.04)	
*67	EPICA	10	f	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.33-	2.17)	
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(1.07-	2.92)	
69	FRANCO	3	f	t	h	a	e	a	2	2	-	-	-	-	1.80	(0.95-	3.42)	
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)	
72	RYLAND	2	f	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.57-	3.30)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)	
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70-	2.63)	
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49-	2.01)	
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(0.78-	2.41)	
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78-	2.03)	
83	YANG	8	f	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.10-	3.63)	
87	BRENNE	18	f	t	h	a	a	a	2	0	-	-	-	-	0.40	(0.25-	0.63)	
88	JIANG	11	f	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.13-	4.53)	
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07	(0.23-	18.34)	
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66-	3.77)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09-	1.56)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)	
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(0.99-	1.46)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99-	1.72)	
100	ILCCO	82	f	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.06-	1.36)	
101	TORRES	8	f	t	h	a	y	a	2		-	-	-	-	0.71	(0.46-	1.10)	
Partial Totals												527	97044	284	82877			
*prospective study																		

No Yes Total

Relative risks

N	18	74	92
NS	18	74	92
Wt	248.01	1782.58	2030.59
Het Chi	27.51	130.58	162.97
Het df	17	73	91
Het P	(*)	***	***
Fixed RR	1.36	1.17	1.19
RRl	1.20	1.12	1.14
RRu	1.54	1.22	1.24
P	+++	+++	+++
Random RR	1.44	1.19	1.22
RRl	1.19	1.11	1.14
RRu	1.73	1.28	1.31
P	+++	+++	+++
Asymm P	N.S.	N.S.	*
Between Chi		4.88	4.88
Between df		1	1
Between P		-	*

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

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

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

Table 17
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female

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

No	StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
												Case	Cont	Case	Cont			
	2	CHAN	1	f	t	s	a	e	-	2	0		34	66	50	73	0.75	(0.43- 1.30)
	4	TRICHO	1	f	y	s	a	y	-	2	0		53	116	24	109	2.08	(1.20- 3.59)
	5	BUFFLE	2	f	t	h	a	e	a	2	0		33	164	8	32	0.80	(0.34- 1.90)
	8	GARFI2	3	f	t	s	a	e	-	2	0		91	254	43	148	1.23	(0.81- 1.87)
	13	BROWN1	2	f	a	t	a	e	-	4	3		-	-	-	-	1.68	(0.39- 6.90)
	14	GAO	8	f	t	s	a	m	-	4	2		-	-	-	-	1.30	(0.87- 1.94)
	15	HUMBL1	4	f	t	s	a	e	-	2	2		-	-	-	-	2.20	(0.76- 6.56)
	17	LAMT	1	f	t	s	a	m	-	2	0		115	152	84	183	1.65	(1.16- 2.35)
	18	PERSHA	2	f	t	s	a	m	-	2	2		-	-	-	-	1.20	(0.70- 2.10)
	20	GENG	1	f	t	s	a	e	-	2	0		34	41	20	52	2.16	(1.08- 4.29)
	22	SHIMIZ	2	f	t	s	a	m	-	2	0		52	91	38	72	1.08	(0.64- 1.82)
	23	CHOI	2	f	t	s	a	e	-	2	0		49	88	26	76	1.63	(0.92- 2.87)
*	24	HOLE	2	f	t	h	a	e	b	6	0		5	1295	1	489	1.89	(0.22- 16.12)
	25	SCHOEN	2	f	t	s	a	e	-	2	6		-	-	-	-	1.07	(0.70- 1.64)
	26	SVENSS	5	f	t	t	a	a	-	1	1		-	-	-	-	1.36	(0.53- 3.49)
	27	JANERI	3	f	t	s	a	e	-	2	3		-	-	-	-	0.75	(0.47- 1.20)
	28	KALAND	3	f	t	s	a	m	-	2	4		-	-	-	-	2.11	(1.09- 4.08)
	29	SOBUE	2	f	t	s	a	a	-	2	2		-	-	-	-	1.13	(0.78- 1.63)
	30	WU-WIL	4	f	t	s	a	e	-	2	3		-	-	-	-	0.70	(0.60- 0.90)
	31	LIUZ	2	f	t	h	a	c	a	2	3		-	-	-	-	0.77	(0.30- 1.96)
	32	BROWN2	4	f	t	s	a	a	-	2	2		-	-	-	-	1.00	(0.80- 1.20)
	33	STOCKW	3	f	t	s	a	e	-	7	3		-	-	-	-	1.60	(0.80- 3.00)
	34	DU	1	f	t	s	a	e	-	2	0		47	154	28	100	1.09	(0.64- 1.85)
	35	LIUQ	2	f	t	s	a	e	-	2	3		-	-	-	-	1.72	(0.77- 3.87)
	36	FONTHA	6	f	t	s	a	a	-	2	8		-	-	-	-	1.29	(1.04- 1.60)
	38	DEWAAR	1	f	t	t	a	c	-	4	0		19	124	4	67	2.57	(0.84- 7.85)
	40	SCHWAR	6	f	t	h	a	e	a	2	2		-	-	-	-	1.10	(0.72- 1.68)
	41	SUN	2	f	t	s	a	m	-	2	2		-	-	-	-	1.16	(0.80- 1.69)
	42	WANGS	1	f	t	t	a	e	-	2	0		67	60	15	34	2.53	(1.26- 5.10)
	43	WANGT	2	f	t	s	a	m	-	2	0		92	89	43	46	1.11	(0.67- 1.84)
	45	ZHENG	2	f	t	h	a	e	a	2	0		62	179	7	51	2.52	(1.09- 5.85)
	48	SHEN	1	f	a	t	a	y	-	2	0		56	59	14	11	0.75	(0.31- 1.78)
	49	ZARIDZ	4	f	t	s	a	e	-	2	2		-	-	-	-	1.53	(1.06- 2.21)
	50	BOFFE2	14	f	a	s	a	a	-	2	2		-	-	-	-	1.00	(0.50- 1.90)
*	51	JEE	4	f	t	s	c	e	-	2	5		-	-	-	-	1.72	(0.93- 3.18)
	52	RAPITI	2	f	t	s	a	e	-	2	3		-	-	-	-	1.20	(0.50- 2.90)
*	53	SPEIZE	1	f	t	t	a	a	-	2	1		-	-	-	-	1.50	(0.30- 6.30)
	54	ZHONG	2	f	t	s	a	e	-	2	7		-	-	-	-	1.10	(0.80- 1.50)
	55	LEECH	8	f	t	s	a	a	-	2	7		-	-	-	-	1.87	(1.29- 2.71)
	56	MALATS	9	f	t	s	a	e	-	2	2		-	-	-	-	1.50	(0.77- 2.91)
	57	WANGL	36	f	t	h	a	a	a	2	5		-	-	-	-	1.03	(0.60- 1.70)
	58	JOHNSO	8	f	t	h	a	e	a	2	4		-	-	-	-	1.20	(0.62- 2.30)
	59	LAGARD	4	f	t	h	a	a	a	2	6		-	-	-	-	1.15	(0.84- 1.58)
*	60	NISHIN	2	f	t	s	a	c	-	2	7		-	-	-	-	1.80	(0.67- 4.60)
	61	OHNO	6	f	t	s	a	e	-	2	2		-	-	-	-	1.00	(0.67- 1.49)
*	63	ENSTRO	12	f	t	s	c	e	-	2	8		-	-	-	-	0.94	(0.66- 1.33)
	64	ZATLOU	6	f	g	t	a	a	-	2	3		-	-	-	-	0.48	(0.21- 1.09)
	65	IARCKR	2	f	t	s	a	a	-	2	2		-	-	-	-	0.80	(0.50- 1.30)
	66	MCGHEE	2	f	t	h	c	p	a	2	2		-	-	-	-	1.38	(0.94- 2.04)
*	67	EPICA	10	f	t	h	a	c	a	2	7		-	-	-	-	0.84	(0.33- 2.17)
	68	FANG	2	f	t	t	a	e	-	2	8		-	-	-	-	1.77	(1.07- 2.92)
	69	FRANCO	3	f	t	h	a	e	a	2	2		-	-	-	-	1.80	(0.95- 3.42)
	70	GORLOV	2	f	t	h	a	e	a	4	4		-	-	-	-	1.15	(0.63- 2.10)
	72	RYLAND	2	f	t	h	a	e	a	2	1		-	-	-	-	1.37	(0.57- 3.30)
*	73	WEN	1	f	t	s	a	m	-	2	9		-	-	-	-	1.09	(0.74- 1.61)
	74	YU	1	f	t	t	a	e	-	4	20		-	-	-	-	1.35	(0.70- 2.63)
	78	LOPEZC	3	f	t	t	a	e	-	1	0		-	-	-	-	0.99	(0.00- 509.87)
	79	ASOMAN	13	f	t	h	a	w	a	2	0		-	-	-	-	0.93	(0.31- 2.78)
	80	GALLEG	3	f	t	t	a	e	-	1	0		-	-	-	-	8.00	(0.85- 75.31)
*	81	KURAHA	10	f	t	s	c	e	-	2	5		-	-	-	-	1.26	(0.78- 2.03)
	83	YANG	8	f	t	t	a	e	-	b	3		-	-	-	-	2.00	(1.10- 3.63)
	86	LIANG	2	f	t	t	a	a	-	2	0		141	149	85	130	1.45	(1.01- 2.07)
	87	BRENNE	18	f	t	h	a	a	a	2	0		-	-	-	-	0.40	(0.25- 0.63)
	88	JIANG	11	f	t	t	a	e	-	2	10		-	-	-	-	2.27	(1.13- 4.53)
	90	KIYOHA	3	f	t	s	a	e	-	b	0		-	-	-	-	1.01	(0.47- 2.17)
	92	LIM	1	f	t	h	a	e	a	4	0		200	602	226	764	1.12	(0.90- 1.40)

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

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

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

Table 17
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female

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

No

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66-	3.77)
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09-	1.56)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(0.99-	1.46)
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99-	1.72)
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52-	1.49)
100	ILCCO	82	f	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.06-	1.36)
101	TORRES	8	f	t	h	a	y	a	2		-	-	-	-	0.71	(0.46-	1.10)
Partial Totals											1171	3711	750	2528			

*prospective study

Yes

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
*1	GARF11	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02-	2.08)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50-	3.30)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93-	2.76)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37-	2.71)
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87-	3.09)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77-	8.85)
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88-	1.39)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49-	2.01)
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(0.78-	2.41)
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07	(0.23-	18.34)
Partial Totals											152	95020	107	82021			

*prospective study

No Yes Total

Relative risks

N	74	18	92
NS	74	18	92
Wt	1764.21	266.38	2030.59
Het Chi	148.01	14.64	162.97
Het df	73	17	91
Het P	***	N.S.	***
Fixed RR	1.18	1.23	1.19
RRl	1.13	1.09	1.14
RRu	1.24	1.39	1.24
P	+++	+++	+++
Random RR	1.22	1.23	1.22
RRl	1.13	1.09	1.14
RRu	1.32	1.39	1.31
P	+++	+++	+++
Asymm P	(*)	N.S.	*
Between Chi		0.32	0.32
Between df		1	1
Between P		N.S.	N.S.

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

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

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

Table 18
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female

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

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(	0.43-	1.30)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(	0.25-	2.45)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(	1.09-	3.72)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(	0.37-	2.71)
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(	0.39-	6.90)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(	0.48-	8.56)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(	0.64-	1.82)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(	0.70-	1.64)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(	0.53-	3.49)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(	0.78-	1.63)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(	0.60-	0.90)
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(	0.30-	1.96)
40	SCHWAR	6	f	t	h	a	e	a	2	2	-	-	-	-	1.10	(	0.72-	1.68)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(	0.80-	1.69)
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(	1.26-	5.10)
*53	SPEITZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(	0.30-	6.30)
59	LAGARD	4	f	t	h	a	a	a	2	6	-	-	-	-	1.15	(	0.84-	1.58)
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(	0.67-	4.60)
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(	0.66-	1.33)
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(	0.21-	1.09)
*67	EPICA	10	f	t	h	a	c	a	2	7	-	-	-	-	0.84	(	0.33-	2.17)
69	FRANCO	3	f	t	h	a	e	a	2	2	-	-	-	-	1.80	(	0.95-	3.42)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(	0.63-	2.10)
72	RYLAND	2	f	t	h	a	e	a	2	1	-	-	-	-	1.37	(	0.57-	3.30)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(	0.49-	2.01)
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(	0.78-	2.41)
78	LOPEZC	3	f	t	t	a	e	-	1	0	-	-	-	-	0.99	(	0.00-	509.87)
79	ASOMAN	13	f	t	h	a	w	a	2	0	-	-	-	-	0.93	(	0.31-	2.78)
80	GALLEG	3	f	t	t	a	e	-	1	0	-	-	-	-	8.00	(	0.85-	75.31)
83	YANG	8	f	t	t	a	e	-	b	3	-	-	-	-	2.00	(	1.10-	3.63)
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(	1.01-	2.07)
88	JIANG	11	f	t	t	a	e	-	2	10	-	-	-	-	2.27	(	1.13-	4.53)
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01	(	0.47-	2.17)
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(	0.90-	1.40)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(	1.01-	4.00)
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(	0.99-	1.46)
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(	0.99-	1.72)
Partial Totals											565	1075	482	1254				
*prospective study																		

No assoc - no results presente

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(	0.50-	3.30)
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(	0.52-	1.49)
Partial Totals											0	0	0	0				
*prospective study																		

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

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

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

Table 18
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female

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

Results presented

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02-	2.08)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93-	2.76)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87-	1.94)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87-	3.09)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70-	2.10)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77-	8.85)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89	(0.22-	16.12)
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.47-	1.20)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.20)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77-	3.87)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09-	5.85)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88-	1.39)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31-	1.78)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06-	2.21)
50	BOFFE2	14	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50-	1.90)
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93-	3.18)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50-	2.90)
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)
56	MALATS	9	f	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.77-	2.91)
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94-	2.04)
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(1.07-	2.92)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70-	2.63)
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78-	2.03)
87	BRENNE	18	f	t	h	a	a	a	2	0	-	-	-	-	0.40	(0.25-	0.63)
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07	(0.23-	18.34)
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66-	3.77)
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09-	1.56)
100	ILCCO	82	f	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.06-	1.36)
101	TORRES	8	f	t	h	a	y	a	2	-	-	-	-	-	0.71	(0.46-	1.10)
Partial Totals											758	97656	375	83295			

*prospective study

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

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

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

Table 18
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Female

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

	None	No assoc	Sig assoc	Results	Total
Relative risks					
N	37		2	53	92
NS	37		2	53	92
Wt	686.51	18.18		1325.90	2030.59
Het Chi	60.22	0.32		97.64	162.97
Het df	36		1	52	91
Het P	**	N.S.		***	***
Fixed RR	1.12	0.95		1.23	1.19
RRl	1.04	0.60		1.17	1.14
RRu	1.21	1.50		1.30	1.24
P	++	N.S.		+++	+++
Random RR	1.18	0.95		1.26	1.22
RRl	1.06	0.60		1.15	1.14
RRu	1.33	1.50		1.37	1.31
P	++	N.S.		+++	+++
Asymm P	(*)			N.S.	*
Between Chi		0.51		3.84	4.79
Between df		1		1	2
Between P		N.S.	N.S.	(+)	(*)

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

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

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

Table 19
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female
By spouse the index or not - adjusted

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(	0.85-	1.61)
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(	0.43-	1.30)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(	0.81-	5.25)
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(	1.20-	3.59)
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(	1.02-	2.08)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(	0.25-	2.45)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(	0.81-	1.87)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(	1.09-	3.72)
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(	0.50-	3.30)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(	0.93-	2.76)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(	0.37-	2.71)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(	0.87-	1.94)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(	0.76-	6.56)
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(	0.87-	3.09)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(	1.16-	2.35)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(	0.70-	2.10)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(	0.48-	8.56)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(	1.08-	4.29)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(	0.77-	8.85)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(	0.64-	1.82)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(	0.92-	2.87)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(	0.70-	1.64)
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(	0.47-	1.20)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(	1.09-	4.08)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(	0.78-	1.63)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(	0.60-	0.90)
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(	0.80-	1.20)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(	0.80-	3.00)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(	0.64-	1.85)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(	0.77-	3.87)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(	1.04-	1.60)
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(	0.30-	1.13)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(	0.60-	1.94)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(	0.80-	1.69)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(	0.67-	1.84)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(	0.80-	1.60)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(	0.88-	1.39)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(	1.06-	2.21)
50	BOFFE2	14	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(	0.50-	1.90)
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(	0.93-	3.18)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(	0.50-	2.90)
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(	0.80-	1.50)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(	1.29-	2.71)
56	MALATS	9	f	t	s	a	e	-	2	2	-	-	-	-	1.50	(	0.77-	2.91)
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(	0.67-	4.60)
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(	0.67-	1.49)
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(	0.66-	1.33)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(	0.50-	1.30)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(	0.74-	1.61)
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(	0.78-	2.03)
90	KIYOH	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01	(	0.47-	2.17)
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(	1.09-	1.56)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(	1.01-	4.00)
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(	0.99-	1.72)
Partial Totals											740	96099	497	82971				
*prospective study																		

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

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

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

Table 19
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female
By spouse the index or not - adjusted

No	StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
												Case	Cont	Case	Cont				
	5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)	
	13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39-	6.90)	
	*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89	(0.22-	16.12)	
	26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53-	3.49)	
	31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30-	1.96)	
	38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)	
	40	SCHWAR	6	f	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.72-	1.68)	
	42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26-	5.10)	
	45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09-	5.85)	
	48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31-	1.78)	
	*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)	
	57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)	
	58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)	
	59	LAGARD	4	f	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.84-	1.58)	
	64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21-	1.09)	
	66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94-	2.04)	
	*67	EPICA	10	f	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.33-	2.17)	
	68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(1.07-	2.92)	
	69	FRANCO	3	f	t	h	a	e	a	2	2	-	-	-	-	1.80	(0.95-	3.42)	
	70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)	
	72	RYLAND	2	f	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.57-	3.30)	
	74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70-	2.63)	
	*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49-	2.01)	
	*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(0.78-	2.41)	
	78	LOPEZC	3	f	t	t	a	e	-	1	0	-	-	-	-	0.99	(0.00-	509.87)	
	79	ASOMAN	13	f	t	h	a	w	a	2	0	-	-	-	-	0.93	(0.31-	2.78)	
	80	GALLEG	3	f	t	t	a	e	-	1	0	-	-	-	-	8.00	(0.85-	75.31)	
	83	YANG	8	f	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.10-	3.63)	
	86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(1.01-	2.07)	
	87	BRENNE	18	f	t	h	a	a	a	2	0	-	-	-	-	0.40	(0.25-	0.63)	
	88	JIANG	11	f	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.13-	4.53)	
	*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07	(0.23-	18.34)	
	92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(0.90-	1.40)	
	93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66-	3.77)	
	97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(0.99-	1.46)	
	*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52-	1.49)	
	100	ILCCO	82	f	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.06-	1.36)	
	101	TORRES	8	f	t	h	a	y	a	2		-	-	-	-	0.71	(0.46-	1.10)	
	Partial Totals											583	2632	360	1578				

*prospective study

	Yes	No	Total
Relative risks			
N	54	38	92
NS	54	38	92
Wt	1245.21	785.38	2030.59
Het Chi	87.72	75.01	162.97
Het df	53	37	91
Het P	**	***	***
Fixed RR	1.18	1.21	1.19
RRl	1.12	1.12	1.14
RRu	1.25	1.29	1.24
P	+++	+++	+++
Random RR	1.22	1.23	1.22
RRl	1.13	1.08	1.14
RRu	1.32	1.39	1.31
P	+++	++	+++
Asymm P	*	N.S.	*
Between Chi		0.25	0.25
Between df		1	1
Between P		N.S.	N.S.

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

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

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

Table 20
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female
By end year of study (grouped) - adjusted

											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
-1979																
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17 (0.85- 1.61)	
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75 (0.43- 1.30)	
Totals											122	94946	115	81932		

*prospective study

1980-89

											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07 (0.81- 5.25)	
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08 (1.20- 3.59)	
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80 (0.34- 1.90)	
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45 (1.02- 2.08)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79 (0.25- 2.45)	
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23 (0.81- 1.87)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (1.09- 3.72)	
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20 (0.50- 3.30)	
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50 (0.93- 2.76)	
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00 (0.37- 2.71)	
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68 (0.39- 6.90)	
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30 (0.87- 1.94)	
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20 (0.76- 6.56)	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64 (0.87- 3.09)	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65 (1.16- 2.35)	
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20 (0.70- 2.10)	
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02 (0.48- 8.56)	
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16 (1.08- 4.29)	
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25 (0.77- 8.85)	
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08 (0.64- 1.82)	
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63 (0.92- 2.87)	
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89 (0.22- 16.12)	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07 (0.70- 1.64)	
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36 (0.53- 3.49)	
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75 (0.47- 1.20)	
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11 (1.09- 4.08)	
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13 (0.78- 1.63)	
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70 (0.60- 0.90)	
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77 (0.30- 1.96)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09 (0.64- 1.85)	
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72 (0.77- 3.87)	
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29 (1.04- 1.60)	
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58 (0.30- 1.13)	
40	SCHWAR	6	f	t	h	a	e	a	2	2	-	-	-	-	1.10 (0.72- 1.68)	
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20 (0.80- 1.60)	
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00 (0.49- 2.01)	
Partial Totals											543	2495	314	1423		

*prospective study

1990-

											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00 (0.80- 1.20)	
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60 (0.80- 3.00)	
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57 (0.84- 7.85)	
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08 (0.60- 1.94)	
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11 (0.67- 1.84)	
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52 (1.09- 5.85)	
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11 (0.88- 1.39)	
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75 (0.31- 1.78)	
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53 (1.06- 2.21)	
50	BOFFE2	14	f	a	s	a	a	-	2	2	-	-	-	-	1.00 (0.50- 1.90)	
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72 (0.93- 3.18)	
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20 (0.50- 2.90)	
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50 (0.30- 6.30)	
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10 (0.80- 1.50)	
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87 (1.29- 2.71)	
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03 (0.60- 1.70)	

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

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

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

Table 20
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14

Female
By end year of study (grouped) - adjusted

1990-											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20 (0.62- 2.30)	
59	LAGARD	4	f	t	h	a	a	a	2	6	-	-	-	-	1.15 (0.84- 1.58)	
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80 (0.67- 4.60)	
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94 (0.66- 1.33)	
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48 (0.21- 1.09)	
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80 (0.50- 1.30)	
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38 (0.94- 2.04)	
*67	EPICA	10	f	t	h	a	c	a	2	7	-	-	-	-	0.84 (0.33- 2.17)	
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77 (1.07- 2.92)	
69	FRANCO	3	f	t	h	a	e	a	2	2	-	-	-	-	1.80 (0.95- 3.42)	
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15 (0.63- 2.10)	
72	RYLAND	2	f	t	h	a	e	a	2	1	-	-	-	-	1.37 (0.57- 3.30)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09 (0.74- 1.61)	
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35 (0.70- 2.63)	
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38 (0.78- 2.41)	
78	LOPEZC	3	f	t	t	a	e	-	1	0	-	-	-	-	0.99 (0.00- 509.87)	
80	GALLEG	3	f	t	t	a	e	-	1	0	-	-	-	-	8.00 (0.85- 75.31)	
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26 (0.78- 2.03)	
83	YANG	8	f	t	t	a	e	-	b	3	-	-	-	-	2.00 (1.10- 3.63)	
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (1.01- 2.07)	
87	BRENNE	18	f	t	h	a	a	a	2	0	-	-	-	-	0.40 (0.25- 0.63)	
88	JIANG	11	f	t	t	a	e	-	2	10	-	-	-	-	2.27 (1.13- 4.53)	
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01 (0.47- 2.17)	
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07 (0.23- 18.34)	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12 (0.90- 1.40)	
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50 (1.66- 3.77)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30 (1.09- 1.56)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01 (1.01- 4.00)	
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20 (0.99- 1.46)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31 (0.99- 1.72)	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88 (0.52- 1.49)	
100	ILCCO	82	f	t	h	a	a	a	2	3	-	-	-	-	1.20 (1.06- 1.36)	
101	TORRES	8	f	t	h	a	y	a	2		-	-	-	-	0.71 (0.46- 1.10)	
Partial Totals											591	1230	413	1160		

*prospective study

Unknown

											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16 (0.80- 1.69)	
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53 (1.26- 5.10)	
56	MALATS	9	f	t	s	a	e	-	2	2	-	-	-	-	1.50 (0.77- 2.91)	
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00 (0.67- 1.49)	
79	ASOMAN	13	f	t	h	a	w	a	2	0	-	-	-	-	0.93 (0.31- 2.78)	
Partial Totals											67	60	15	34		

*prospective study

-1979 1980-89 1990- Unknown Total

Relative risks

	N		2		36		49		5		92
	NS		2		36		49		5		92
	Wt		50.20		580.64		1328.51		71.25		2030.59
	Het Chi		1.85		63.53		90.56		5.80		162.97
	Het df		1		35		48		4		91
	Het P		N.S.		**		***		N.S.		***
	Fixed RR		1.04		1.17		1.20		1.23		1.19
	RRl		0.79		1.08		1.14		0.97		1.14
	RRu		1.38		1.27		1.27		1.55		1.24
	P		N.S.		+++		+++		(+)		+++
	Random RR		0.99		1.25		1.22		1.27		1.22
	RRl		0.66		1.10		1.12		0.94		1.14
	RRu		1.51		1.42		1.33		1.72		1.31
	P		N.S.		+++		+++		N.S.		+++
	Asymm P				*		N.S.		N.S.		*

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

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

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

Table 20
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Female
 By end year of study (grouped) - adjusted

	-1979	1980-89	1990-	Unknown	Total
Relative risks					
Between Chi		0.59	0.96	0.78	1.25
Between df		1	1	1	3
Between P		N.S.	N.S.	N.S.	N.S.

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

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

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

Table 21
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female

By considered by EPA or not - adjusted

No	StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
												Case	Cont	Case	Cont			
	23	CHOI	2	f	t	s	a	e	-	2	0		49	88	26	76	1.63	(0.92- 2.87)
	25	SCHOEN	2	f	t	s	a	e	-	2	6		-	-	-	-	1.07	(0.70- 1.64)
	32	BROWN2	4	f	t	s	a	a	-	2	2		-	-	-	-	1.00	(0.80- 1.20)
	33	STOCKW	3	f	t	s	a	e	-	7	3		-	-	-	-	1.60	(0.80- 3.00)
	34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64- 1.85)	
	35	LIUQ	2	f	t	s	a	e	-	2	3		-	-	-	-	1.72	(0.77- 3.87)
	37	LAYARD	4	f	t	s	e	e	-	2	2		-	-	-	-	0.58	(0.30- 1.13)
	38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84- 7.85)	
	39	KABAT2	6	f	t	s	e	a	-	2	3		-	-	-	-	1.08	(0.60- 1.94)
	40	SCHWAR	6	f	t	h	a	e	a	2	2		-	-	-	-	1.10	(0.72- 1.68)
	41	SUN	2	f	t	s	a	m	-	2	2		-	-	-	-	1.16	(0.80- 1.69)
	42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26- 5.10)	
	43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67- 1.84)	
	*44	CARDEN	10	f	t	s	c	m	-	2	8		-	-	-	-	1.20	(0.80- 1.60)
	45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09- 5.85)	
	47	BOFFET	9	f	t	s	a	e	-	2	2		-	-	-	-	1.11	(0.88- 1.39)
	48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31- 1.78)	
	49	ZARIDZ	4	f	t	s	a	e	-	2	2		-	-	-	-	1.53	(1.06- 2.21)
	50	BOFFE2	14	f	a	s	a	a	-	2	2		-	-	-	-	1.00	(0.50- 1.90)
	*51	JEE	4	f	t	s	c	e	-	2	5		-	-	-	-	1.72	(0.93- 3.18)
	52	RAPITI	2	f	t	s	a	e	-	2	3		-	-	-	-	1.20	(0.50- 2.90)
	*53	SPEIZE	1	f	t	t	a	a	-	2	1		-	-	-	-	1.50	(0.30- 6.30)
	54	ZHONG	2	f	t	s	a	e	-	2	7		-	-	-	-	1.10	(0.80- 1.50)
	55	LEECH	8	f	t	s	a	a	-	2	7		-	-	-	-	1.87	(1.29- 2.71)
	56	MALATS	9	f	t	s	a	e	-	2	2		-	-	-	-	1.50	(0.77- 2.91)
	57	WANGL	36	f	t	h	a	a	a	2	5		-	-	-	-	1.03	(0.60- 1.70)
	58	JOHNSO	8	f	t	h	a	e	a	2	4		-	-	-	-	1.20	(0.62- 2.30)
	59	LAGARD	4	f	t	h	a	a	a	2	6		-	-	-	-	1.15	(0.84- 1.58)
	*60	NISHIN	2	f	t	s	a	a	-	2	7		-	-	-	-	1.80	(0.67- 4.60)
	61	OHNO	6	f	t	s	a	e	-	2	2		-	-	-	-	1.00	(0.67- 1.49)
	*63	ENSTRO	12	f	t	s	c	e	-	2	8		-	-	-	-	0.94	(0.66- 1.33)
	64	ZATLOU	6	f	g	t	a	a	-	2	3		-	-	-	-	0.48	(0.21- 1.09)
	65	IARCKR	2	f	t	s	a	a	-	2	2		-	-	-	-	0.80	(0.50- 1.30)
	66	MCGHEE	2	f	t	h	c	p	a	2	2		-	-	-	-	1.38	(0.94- 2.04)
	*67	EPICA	10	f	t	h	a	c	a	2	7		-	-	-	-	0.84	(0.33- 2.17)
	68	FANG	2	f	t	t	a	e	-	2	8		-	-	-	-	1.77	(1.07- 2.92)
	69	FRANCO	3	f	t	h	a	e	a	2	2		-	-	-	-	1.80	(0.95- 3.42)
	70	GORLOV	2	f	t	h	a	e	a	4	4		-	-	-	-	1.15	(0.63- 2.10)
	72	RYLAND	2	f	t	h	a	e	a	2	1		-	-	-	-	1.37	(0.57- 3.30)
	*73	WEN	1	f	t	s	a	m	-	2	9		-	-	-	-	1.09	(0.74- 1.61)
	74	YU	1	f	t	t	a	e	-	4	20		-	-	-	-	1.35	(0.70- 2.63)
	*76	HILL1	2	f	t	h	a	c	a	2	2		-	-	-	-	1.00	(0.49- 2.01)
	*77	HILL2	3	f	t	h	a	c	a	2	9		-	-	-	-	1.38	(0.78- 2.41)
	78	LOPEZC	3	f	t	t	a	e	-	1	0		-	-	-	-	0.99	(0.00- 509.87)
	79	ASOMAN	13	f	t	h	a	w	a	2	0		-	-	-	-	0.93	(0.31- 2.78)
	80	GALLEG	3	f	t	t	a	e	-	1	0		-	-	-	-	8.00	(0.85- 75.31)
	*81	KURAHA	10	f	t	s	c	e	-	2	5		-	-	-	-	1.26	(0.78- 2.03)
	83	YANG	8	f	t	t	a	e	-	b	3		-	-	-	-	2.00	(1.10- 3.63)
	86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(1.01- 2.07)	
	87	BRENNE	18	f	t	h	a	a	a	2	0		-	-	-	-	0.40	(0.25- 0.63)
	88	JIANG	11	f	t	t	a	e	-	2	10		-	-	-	-	2.27	(1.13- 4.53)
	90	KIYOHA	3	f	t	s	a	e	-	b	0		-	-	-	-	1.01	(0.47- 2.17)
	*91	HE	4	f	t	t	a	e	-	2	9		-	-	-	-	2.07	(0.23- 18.34)
	92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(0.90- 1.40)	
	93	LIN	7	f	t	t	a	e	-	1	7		-	-	-	-	2.50	(1.66- 3.77)
	95	GELAC	27	f	t	s	a	e	-	2	5		-	-	-	-	1.30	(1.09- 1.56)
	96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01- 4.00)	
	97	REN	2	f	t	t	a	e	-	1	5		-	-	-	-	1.20	(0.99- 1.46)
	98	SEKI	20	f	t	s	c	e	-	2	7		-	-	-	-	1.31	(0.99- 1.72)
	*99	WHIOS	1	f	t	t	a	e	-	1	0		-	-	-	-	0.88	(0.52- 1.49)
	100	ILCCO	82	f	t	h	a	a	a	2	3		-	-	-	-	1.20	(1.06- 1.36)
	101	TORRES	8	f	t	h	a	y	a	2			-	-	-	-	0.71	(0.46- 1.10)
Partial Totals												754	1532	482	1370			
*prospective study																		

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

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

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

Table 21
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Female
 By considered by EPA or not - adjusted

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43-	1.30)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02-	2.08)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50-	3.30)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93-	2.76)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37-	2.71)
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39-	6.90)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87-	1.94)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87-	3.09)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70-	2.10)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77-	8.85)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89	(0.22-	16.12)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53-	3.49)
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.47-	1.20)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78-	1.63)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60-	0.90)
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30-	1.96)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)
Partial Totals											569	97199	375	83179			

*prospective study

No Yes Total

Relative risks

N	62	30	92
NS	62	30	92
Wt	1522.08	508.51	2030.59
Het Chi	103.70	59.01	162.97
Het df	61	29	91
Het P	***	***	***
Fixed RR	1.20	1.17	1.19
RRl	1.14	1.07	1.14
RRu	1.26	1.27	1.24
P	+++	+++	+++
Random RR	1.21	1.27	1.22
RRl	1.12	1.10	1.14
RRu	1.31	1.47	1.31
P	+++	++	+++
Asymm P	N.S.	*	*
Between Chi		0.26	0.26
Between df		1	1
Between P		N.S.	N.S.

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

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

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

Table 22
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Female
 By never smoker definition - adjusted
 Never smoker definition 'Other' may include 'Smoked for a limited period' or 'Smoked occasionally'

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43- 1.30)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81- 5.25)
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20- 3.59)
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34- 1.90)
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02- 2.08)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25- 2.45)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81- 1.87)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09- 3.72)
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50- 3.30)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93- 2.76)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37- 2.71)
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39- 6.90)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87- 1.94)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70- 2.10)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48- 8.56)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08- 4.29)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77- 8.85)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64- 1.82)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92- 2.87)
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89	(0.22- 16.12)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70- 1.64)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09- 4.08)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78- 1.63)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60- 0.90)
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80- 1.20)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64- 1.85)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77- 3.87)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60- 1.94)
40	SCHWAR	6	f	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.72- 1.68)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80- 1.69)
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26- 5.10)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67- 1.84)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80- 1.60)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31- 1.78)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06- 2.21)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30- 6.30)
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(0.67- 4.60)
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66- 1.33)
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94- 2.04)
*67	EPICA	10	f	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.33- 2.17)
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(1.07- 2.92)
69	FRANCO	3	f	t	h	a	e	a	2	2	-	-	-	-	1.80	(0.95- 3.42)
72	RYLAND	2	f	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.57- 3.30)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74- 1.61)
80	GALLEG	3	f	t	t	a	e	-	1	0	-	-	-	-	8.00	(0.85- 75.31)
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78- 2.03)
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(1.01- 2.07)
88	JIANG	11	f	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.13- 4.53)
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01	(0.47- 2.17)
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66- 3.77)
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(0.99- 1.46)
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99- 1.72)
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52- 1.49)
Partial Totals											818	2766	437	1534		
*prospective study																

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

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

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

Table 22
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Female

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

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85- 1.61)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76- 6.56)
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87- 3.09)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16- 2.35)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53- 3.49)
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.47- 1.20)
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30- 1.96)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80- 3.00)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04- 1.60)
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30- 1.13)
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84- 7.85)
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09- 5.85)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88- 1.39)
50	BOFFE2	14	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50- 1.90)
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93- 3.18)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50- 2.90)
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80- 1.50)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29- 2.71)
56	MALATS	9	f	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.77- 2.91)
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60- 1.70)
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62- 2.30)
59	LAGARD	4	f	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.84- 1.58)
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67- 1.49)
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21- 1.09)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50- 1.30)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63- 2.10)
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70- 2.63)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49- 2.01)
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(0.78- 2.41)
78	LOPEZC	3	f	t	t	a	e	-	1	0	-	-	-	-	0.99	(0.00- 509.87)
79	ASOMAN	13	f	t	h	a	w	a	2	0	-	-	-	-	0.93	(0.31- 2.78)
83	YANG	8	f	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.10- 3.63)
87	BRENNE	18	f	t	h	a	a	a	2	0	-	-	-	-	0.40	(0.25- 0.63)
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07	(0.23- 18.34)
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(0.90- 1.40)
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09- 1.56)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01- 4.00)
100	ILCCO	82	f	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.06- 1.36)
101	TORRES	8	f	t	h	a	y	a	2		-	-	-	-	0.71	(0.46- 1.10)
Partial Totals											505	95965	420	83015		

*prospective study

Never Other Total

Relative risks

N	53	39	92
NS	53	39	92
Wt	985.87	1044.72	2030.59
Het Chi	91.09	71.77	162.97
Het df	52	38	91
Het P	***	***	***
Fixed RR	1.20	1.18	1.19
RRl	1.13	1.11	1.14
RRu	1.28	1.26	1.24
P	+++	+++	+++
Random RR	1.28	1.16	1.22
RRl	1.16	1.05	1.14
RRu	1.40	1.29	1.31
P	+++	++	+++
Asymm P	**	N.S.	*
Between Chi		0.11	0.11
Between df		1	1
Between P		N.S.	N.S.

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

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

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

Table 23
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female
By interview method/setting - adjusted

Hospital

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43- 1.30)
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20- 3.59)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25- 2.45)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81- 1.87)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09- 3.72)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37- 2.71)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09- 4.08)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60- 1.94)
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26- 5.10)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06- 2.21)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50- 2.90)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29- 2.71)
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21- 1.09)
78	LOPEZC	3	f	t	t	a	e	-	1	0	-	-	-	-	0.99	(0.00- 509.87)
79	ASOMAN	13	f	t	h	a	w	a	2	0	-	-	-	-	0.93	(0.31- 2.78)
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66- 3.77)
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09- 1.56)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01- 4.00)
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(0.99- 1.46)
101	TORRES	8	f	t	h	a	y	a	2		-	-	-	-	0.71	(0.46- 1.10)
Partial Totals											316	603	200	545		

*prospective study

Home

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34- 1.90)
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02- 2.08)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93- 2.76)
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39- 6.90)
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87- 3.09)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70- 1.64)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77- 3.87)
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30- 1.13)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80- 1.60)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74- 1.61)
Partial Totals											33	164	8	32		

*prospective study

Telephone

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

*prospective study

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

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

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

Table 23
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female
By interview method/setting - adjusted

Self-completion

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89	(0.22-	16.12)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78-	1.63)
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93-	3.18)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(0.67-	4.60)
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66-	1.33)
*67	EPICA	10	f	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.33-	2.17)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49-	2.01)
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(0.78-	2.41)
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78-	2.03)
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01	(0.47-	2.17)
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99-	1.72)
Partial Totals											145	96266	104	82420			
*prospective study																	

Othr/unkn

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87-	1.94)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77-	8.85)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53-	3.49)
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.47-	1.20)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60-	0.90)
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30-	1.96)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80-	1.69)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09-	5.85)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88-	1.39)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31-	1.78)
50	BOFFE2	14	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50-	1.90)
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)
56	MALATS	9	f	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.77-	2.91)
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)
59	LAGARD	4	f	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.84-	1.58)
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94-	2.04)
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(1.07-	2.92)
69	FRANCO	3	f	t	h	a	e	a	2	2	-	-	-	-	1.80	(0.95-	3.42)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)
72	RYLAND	2	f	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.57-	3.30)
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70-	2.63)
80	GALLEG	3	f	t	t	a	e	-	1	0	-	-	-	-	8.00	(0.85-	75.31)
83	YANG	8	f	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.10-	3.63)
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(1.01-	2.07)
87	BRENNE	18	f	t	h	a	a	a	2	0	-	-	-	-	0.40	(0.25-	0.63)
88	JIANG	11	f	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.13-	4.53)
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07	(0.23-	18.34)
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(0.90-	1.40)
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52-	1.49)
100	ILCCO	82	f	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.06-	1.36)
Partial Totals											829	1698	545	1552			
*prospective study																	

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

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

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

Table 23
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14

		Female					
		By interview method/setting - adjusted					
		Hospital	Home Telephone	Self-comp	Othr/unkn	Total	
Relative risks							
	N	20	10	4	16	42	92
	NS	20	10	4	16	42	92
	Wt	435.35	152.90	131.91	236.57	1073.85	2030.59
	Het Chi	45.00	9.58	0.56	6.56	91.55	162.97
	Het df	19	9	3	15	41	91
	Het P	***	N.S.	N.S.	N.S.	***	***
Fixed	RR	1.34	1.21	1.04	1.19	1.15	1.19
	RRl	1.22	1.03	0.88	1.05	1.08	1.14
	RRu	1.47	1.42	1.23	1.35	1.22	1.24
	P	+++	+	N.S.	++	+++	+++
Random	RR	1.36	1.21	1.04	1.19	1.21	1.22
	RRl	1.15	1.02	0.88	1.05	1.08	1.14
	RRu	1.62	1.43	1.23	1.35	1.34	1.31
	P	+++	+	N.S.	++	+++	+++
Asymm	P	N.S.	N.S.	(*)	N.S.	(*)	*
Between	Chi		1.18	6.47	2.12	7.13	9.72
Between	df		1	1	1	1	4
Between	P		N.S.	-	N.S.	--	*

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

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

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

Table 24
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Female
 By any proxy use or not - adjusted

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)	
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43-	1.30)	
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)	
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02-	2.08)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)	
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50-	3.30)	
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37-	2.71)	
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87-	1.94)	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87-	3.09)	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)	
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)	
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)	
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)	
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89	(0.22-	16.12)	
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53-	3.49)	
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)	
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78-	1.63)	
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60-	0.90)	
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30-	1.96)	
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77-	3.87)	
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)	
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)	
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80-	1.69)	
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26-	5.10)	
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)	
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)	
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88-	1.39)	
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31-	1.78)	
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06-	2.21)	
50	BOFFE2	14	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50-	1.90)	
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93-	3.18)	
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50-	2.90)	
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)	
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)	
56	MALATS	9	f	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.77-	2.91)	
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(0.67-	4.60)	
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)	
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66-	1.33)	
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21-	1.09)	
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)	
*67	EPICA	10	f	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.33-	2.17)	
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(1.07-	2.92)	
69	FRANCO	3	f	t	h	a	e	a	2	2	-	-	-	-	1.80	(0.95-	3.42)	
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)	
72	RYLAND	2	f	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.57-	3.30)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)	
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49-	2.01)	
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(0.78-	2.41)	
78	LOPEZC	3	f	t	t	a	e	-	1	0	-	-	-	-	0.99	(0.00-	509.87)	
80	GALLEG	3	f	t	t	a	e	-	1	0	-	-	-	-	8.00	(0.85-	75.31)	
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78-	2.03)	
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(1.01-	2.07)	
87	BRENNE	18	f	t	h	a	a	a	2	0	-	-	-	-	0.40	(0.25-	0.63)	
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01	(0.47-	2.17)	
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07	(0.23-	18.34)	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(0.90-	1.40)	
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66-	3.77)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09-	1.56)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)	
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(0.99-	1.46)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99-	1.72)	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52-	1.49)	
100	ILCCO	82	f	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.06-	1.36)	
101	TORRES	8	f	t	h	a	y	a	2	-	-	-	-	-	0.71	(0.46-	1.10)	
Partial Totals											1042	97878	743	84094				
*prospective study																		

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

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

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

Table 24
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female

By any proxy use or not - adjusted

Yes

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)	
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)	
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)	
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93-	2.76)	
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39-	6.90)	
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)	
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70-	2.10)	
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77-	8.85)	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)	
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.47-	1.20)	
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.20)	
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)	
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)	
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)	
40	SCHWAR	6	f	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.72-	1.68)	
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)	
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)	
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)	
59	LAGARD	4	f	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.84-	1.58)	
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94-	2.04)	
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70-	2.63)	
83	YANG	8	f	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.10-	3.63)	
Partial Totals											185	633	87	352				
*prospective study																		

Unknown

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)	
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09-	5.85)	
79	ASOMAN	13	f	t	h	a	w	a	2	0	-	-	-	-	0.93	(0.31-	2.78)	
88	JIANG	11	f	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.13-	4.53)	
Partial Totals											96	220	27	103				
*prospective study																		

No Yes Unknown Total

Relative risks

N	65	23	4	92
NS	65	23	4	92
Wt	1527.66	478.18	24.75	2030.59
Het Chi	131.10	22.02	2.33	162.97
Het df	64	22	3	91
Het P	***	N.S.	N.S.	***
Fixed RR	1.19	1.16	2.04	1.19
RRl	1.13	1.06	1.37	1.14
RRu	1.25	1.26	3.02	1.24
P	+++	++	+++	+++
Random RR	1.22	1.16	2.04	1.22
RRl	1.12	1.06	1.37	1.14
RRu	1.33	1.27	3.02	1.31
P	+++	++	+++	+++
Asymm P	N.S.	N.S.	N.S.	*
Between Chi		0.30	7.01	7.52
Between df		1	1	2
Between P		N.S.	++	*

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

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

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

Table 25
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Female

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

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(	0.43- 1.30)
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(	1.20- 3.59)
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(	0.34- 1.90)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(	0.25- 2.45)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(	1.09- 3.72)
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(	0.50- 3.30)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(	0.93- 2.76)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(	0.37- 2.71)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(	0.87- 1.94)
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(	0.87- 3.09)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(	1.16- 2.35)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(	0.70- 2.10)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(	0.77- 8.85)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(	0.64- 1.82)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(	0.92- 2.87)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(	0.70- 1.64)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(	0.53- 3.49)
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(	0.47- 1.20)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(	1.09- 4.08)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(	0.78- 1.63)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(	0.60- 0.90)
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(	0.30- 1.96)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(	0.64- 1.85)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(	0.77- 3.87)
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(	0.30- 1.13)
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(	0.84- 7.85)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(	0.60- 1.94)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(	0.80- 1.69)
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(	1.26- 5.10)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(	0.67- 1.84)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(	0.88- 1.39)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(	0.31- 1.78)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(	1.06- 2.21)
50	BOFFE2	14	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(	0.50- 1.90)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(	0.50- 2.90)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(	1.29- 2.71)
56	MALATS	9	f	t	s	a	e	-	2	2	-	-	-	-	1.50	(	0.77- 2.91)
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(	0.62- 2.30)
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(	0.67- 1.49)
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(	0.21- 1.09)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(	0.50- 1.30)
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(	0.94- 2.04)
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(	1.07- 2.92)
69	FRANCO	3	f	t	h	a	e	a	2	2	-	-	-	-	1.80	(	0.95- 3.42)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(	0.63- 2.10)
72	RYLAND	2	f	t	h	a	e	a	2	1	-	-	-	-	1.37	(	0.57- 3.30)
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(	0.70- 2.63)
78	LOPEZC	3	f	t	t	a	e	-	1	0	-	-	-	-	0.99	(	0.00- 509.87)
80	GALLEG	3	f	t	t	a	e	-	1	0	-	-	-	-	8.00	(	0.85- 75.31)
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(	1.01- 2.07)
87	BRENNE	18	f	t	h	a	a	a	2	0	-	-	-	-	0.40	(	0.25- 0.63)
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01	(	0.47- 2.17)
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(	0.90- 1.40)
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(	1.66- 3.77)
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(	1.09- 1.56)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(	1.01- 4.00)
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(	0.99- 1.46)
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(	0.99- 1.72)
100	ILCCO	82	f	t	h	a	a	a	2	3	-	-	-	-	1.20	(	1.06- 1.36)
101	TORRES	8	f	t	h	a	y	a	2		-	-	-	-	0.71	(	0.46- 1.10)
Partial Totals											1029	2021	713	1878			

*prospective study

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

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

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

Table 25
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Female

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

Yes

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39-	6.90)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.20)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)
40	SCHWAR	6	f	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.72-	1.68)
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)
59	LAGARD	4	f	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.84-	1.58)
83	YANG	8	f	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.10-	3.63)
Partial Totals											105	315	51	220			

*prospective study

Unknown

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09-	5.85)
79	ASOMAN	13	f	t	h	a	w	a	2	0	-	-	-	-	0.93	(0.31-	2.78)
88	JIANG	11	f	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.13-	4.53)
Partial Totals											96	220	27	103			

*prospective study

No Yes Unknown Total

Relative risks

N	60	12	4	76
NS	60	12	4	76
Wt	1434.59	340.63	24.75	1799.97
Het Chi	134.26	10.56	2.33	154.38
Het df	59	11	3	75
Het P	***	N.S.	N.S.	***
Fixed RR	1.18	1.18	2.04	1.19
RRl	1.12	1.06	1.37	1.14
RRu	1.25	1.31	3.02	1.25
P	+++	++	+++	+++
Random RR	1.21	1.18	2.04	1.23
RRl	1.10	1.06	1.37	1.14
RRu	1.33	1.31	3.02	1.33
P	+++	++	+++	+++
Asymm P	N.S.	*	N.S.	(*)
Between Chi		0.00	7.18	7.23
Between df		1	1	2
Between P		N.S.	++	*

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

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

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

Table 26
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14

Male
Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(0.38-	10.32)	
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51	(0.14-	1.79)	
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25	(1.05-	4.76)	
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(0.20-	5.07)	
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80	(0.39-	6.96)	
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30	(0.38-	4.39)	
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08	(0.70-	23.91)	
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49-	15.21)	
*24	HOLE	1	m	t	h	a	e	b	6	0	2	243	1	428	3.52	(0.32-	38.65)	
27	JANERI	2	m	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.31-	1.78)	
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47	(0.55-	3.94)	
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60	(0.67-	3.82)	
40	SCHWAR	4	m	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.60-	2.03)	
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10	(0.60-	1.80)	
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67	(0.22-	2.04)	
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	0.69	(0.28-	1.74)	
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47	(0.81-	2.66)	
56	MALATS	8	m	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.41-	5.43)	
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56	(0.20-	1.40)	
59	LAGARD	2	m	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.81-	1.63)	
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63	(0.33-	1.22)	
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10-	3.00)	
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34	(0.82-	2.17)	
*67	EPICA	9	m	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.18-	3.86)	
69	FRANCO	2	m	t	h	a	e	a	2	2	-	-	-	-	1.80	(0.80-	4.03)	
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41	(0.60-	3.30)	
72	RYLAND	1	m	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.53-	3.53)	
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08	(0.56-	2.09)	
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45	(0.75-	2.81)	
78	LOPEZC	2	m	t	t	a	e	-	1	0	-	-	-	-	0.99	(0.09-	10.71)	
79	ASOMAN	12	m	t	h	a	w	a	2	0	-	-	-	-	0.93	(0.23-	3.70)	
80	GALLEG	2	m	t	t	a	e	-	1	0	-	-	-	-	8.00	(1.13-	56.52)	
83	YANG	7	m	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.11-	3.59)	
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90	(0.57-	1.41)	
87	BRENNE	17	m	t	h	a	a	a	2	0	-	-	-	-	0.40	(0.20-	0.80)	
88	JIANG	10	m	t	t	a	e	-	2	10	-	-	-	-	2.27	(0.62-	8.27)	
90	KIYOHA	2	m	t	s	a	e	-	b	0	-	-	-	-	1.01	(0.59-	1.71)	
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.86	(0.45-	7.73)	
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22	(0.25-	109.12)	
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70	(0.04-	13.34)	
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29	(0.34-	4.91)	
100	ILCCO	81	m	t	h	a	a	a	2	3	-	-	-	-	1.20	(0.98-	1.46)	
101	TORRES	7	m	t	h	a	y	a	2		-	-	-	-	0.71	(0.30-	1.67)	
Partial Totals											26	352	373	1208				
*prospective study																		~ With 0.5 adjustment for
zero																		

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
3	CORREA	1	m	t	s	e	e	-	2	0	0.68	1.41	0.40	0.4200
5	BUFFLE	1	m	t	h	a	e	a	2	0	-0.68	2.42	1.65	0.2896
*6	HIRAYA	2	m	t	s	c	e	-	2	1	0.81	6.73	2.98	0.0355
7	KABAT1	3	m	t	s	e	e	-	2	0	0.00	1.46	0.03	1.0000
11	AKIBA	2	m	t	s	e	e	-	2	5	0.59	1.85	0.36	0.4240
12	LEE	4	m	t	s	c	m	-	2	1	0.26	2.57	0.03	0.6743
15	HUMBL1	2	m	t	s	a	e	-	2	2	1.41	1.23	1.96	0.1185
23	CHOI	1	m	t	s	a	e	-	2	0	1.00	1.30	0.96	0.2525
*24	HOLE	1	m	t	h	a	e	b	6	0	1.26	0.67	0.83	0.3028
27	JANERI	2	m	t	s	a	e	-	2	3	-0.29	5.03	0.94	0.5188
37	LAYARD	2	m	t	s	e	e	-	2	2	0.39	3.96	0.23	0.4431
39	KABAT2	4	m	t	s	e	a	-	2	3	0.47	5.07	0.53	0.2899
40	SCHWAR	4	m	t	h	a	e	a	2	2	0.10	10.34	0.03	0.7592
*44	CARDEN	12	m	t	s	c	m	-	2	8	0.10	12.73	0.03	0.7338
45	ZHENG	1	m	t	h	a	e	a	2	0	-0.41	3.07	0.93	0.4776
46	AUVINE	2	m	t	t	a	e	-	2	1	-0.37	4.60	1.23	0.4259
47	BOFFET	7	m	t	s	a	e	-	2	2	0.39	10.87	0.62	0.2041
56	MALATS	8	m	t	s	a	e	-	2	2	0.41	2.30	0.16	0.5384
57	WANGL	34	m	t	h	a	a	a	2	5	-0.58	4.06	2.14	0.2428

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

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

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

Table 26
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14

Male
Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
59	LAGARD	2	m	t	h	a	a	a	2	6	0.14	31.42	0.00	0.4334
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-0.46	8.99	3.32	0.1660
65	IARCKR	3	m	t	s	a	a	-	2	0	-0.92	1.33	1.50	0.2910
66	MCGHEE	1	m	t	h	c	p	a	2	2	0.29	16.22	0.35	0.2385
*67	EPICA	9	m	t	h	a	c	a	2	7	-0.17	1.64	0.17	0.8236
69	FRANCO	2	m	t	h	a	e	a	2	2	0.59	5.88	1.15	0.1542
70	GORLOV	1	m	t	h	a	e	a	4	4	0.34	5.29	0.21	0.4295
72	RYLAND	1	m	t	h	a	e	a	2	1	0.31	4.27	0.12	0.5152
*76	HILL1	3	m	t	h	a	c	a	2	9	0.08	8.86	0.04	0.8188
*77	HILL2	1	m	t	h	a	c	a	2	2	0.37	8.81	0.45	0.2702
78	LOPEZC	2	m	t	t	a	e	-	1	0	-0.01	0.68	0.02	0.9954
79	ASOMAN	12	m	t	h	a	w	a	2	0	-0.07	1.99	0.09	0.9184
80	GALLEG	2	m	t	t	a	e	-	1	0	2.08	1.00	3.75	0.0372
83	YANG	7	m	t	t	a	e	-	b	3	0.69	11.15	3.34	0.0206
85	TSE	10	m	t	h	a	a	a	2	9	-0.11	18.73	1.18	0.6484
87	BRENNE	17	m	t	h	a	a	a	2	0	-0.92	8.00	9.02	0.0096
88	JIANG	10	m	t	t	a	e	-	2	10	0.82	2.30	1.04	0.2149
90	KIYOHA	2	m	t	s	a	e	-	b	0	0.00	13.70	0.27	0.9853
*91	HE	2	m	t	t	a	e	-	2	9	0.62	1.90	0.43	0.3923
95	GELAC	31	m	t	s	a	e	-	2	0	1.65	0.42	0.94	0.2869
96	MASJED	5	m	t	s	a	e	-	2	0	-0.36	0.44	0.11	0.8113
98	SEKI	7	m	t	s	c	e	-	2	7	0.25	2.16	0.03	0.7085
100	ILCCO	81	m	t	h	a	a	a	2	3	0.18	96.69	0.13	0.0730
101	TORRES	7	m	t	h	a	y	a	2		-0.34	5.21	1.24	0.4342

Relative risks

N	43
NS	43
Wt	338.74
Het Chi	44.95
Het df	42
Het P	N.S.
Fixed RR	1.16
RRl	1.04
RRu	1.29
P	++
Random RR	1.15
RRl	1.02
RRu	1.30
P	+
Asymm P	N.S.

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

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

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

Table 27
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14

Male
Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI			
											Case	Cont	Case	Cont					
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(0.38-	10.32)		
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51	(0.14-	1.79)		
*6	HIRAYA	1	m	t	s	c	e	-	2	0	7	1010	57	19279	2.34	(1.07-	5.13)		
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(0.20-	5.07)		
11	AKIBA	1	m	t	s	e	e	-	2	0	3	9	16	101	2.10	(0.51-	8.61)		
12	LEE	3	m	t	s	c	m	-	2	0	8	14	7	16	1.31	(0.38-	4.52)		
15	HUMBL1	1	m	t	s	a	e	-	2	0	5	37	3	93	4.19	(0.95-	18.42)		
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49-	15.21)		
*24	HOLE	1	m	t	h	a	e	b	6	0	2	243	1	428	3.52	(0.32-	38.65)		
27	JANERI	2	m	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.31-	1.78)		
37	LAYARD	1	m	t	s	e	e	-	2	0	6	215	15	783	1.46	(0.56-	3.80)		
39	KABAT2	3	m	t	s	e	a	-	2	0	11	19	28	79	1.63	(0.69-	3.85)		
40	SCHWAR	3	m	t	h	a	e	a	2	0	-	-	-	-	1.18	(0.63-	2.20)		
*44	CARDEN	11	m	t	s	c	m	-	2	0	18	19549	79	76993	0.90	(0.54-	1.50)		
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67	(0.22-	2.04)		
46	AUVINE	1	m	t	t	a	e	-	2	0	17	81	27	148	1.15	(0.59-	2.24)		
47	BOFFET	6	m	t	s	a	e	-	2	0	23	68	118	462	1.32	(0.79-	2.21)		
56	MALATS	1	m	t	s	a	e	-	2	0	-	-	-	-	1.70	(0.55-	5.26)		
57	WANGL	33	m	t	h	a	a	a	2	0	14	57	19	57	0.74	(0.34-	1.61)		
59	LAGARD	1	m	t	h	a	a	a	2	0	-	-	-	-	1.15	(0.83-	1.59)		
*63	ENSTRO	3	m	t	s	c	e	-	2	1	-	-	-	-	0.75	(0.42-	1.35)		
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10-	3.00)		
66	MCGHEE	5	m	t	h	c	p	a	2	0	33	71	112	347	1.44	(0.90-	2.29)		
*67	EPICA	9	m	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.18-	3.86)		
69	FRANCO	2	m	t	h	a	e	a	2	2	-	-	-	-	1.80	(0.80-	4.03)		
70	GORLOV	13	m	t	h	a	e	a	4	0	36	25	27	25	1.33	(0.63-	2.81)		
72	RYLAND	1	m	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.53-	3.53)		
*76	HILL1	1	m	t	h	a	c	a	2	2	-	-	-	-	0.97	(0.53-	1.77)		
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45	(0.75-	2.81)		
78	LOPEZC	2	m	t	t	a	e	-	1	0	-	-	-	-	0.99	(0.09-	10.71)		
79	ASOMAN	12	m	t	h	a	w	a	2	0	-	-	-	-	0.93	(0.23-	3.70)		
80	GALLEG	2	m	t	t	a	e	-	1	0	-	-	-	-	8.00	(1.13-	56.52)		
83	YANG	10	m	t	t	a	e	-	b	0	-	-	-	-	1.56	(0.83-	2.93)		
85	TSE	1	m	t	h	a	a	a	2	0	47	194	85	342	0.97	(0.66-	1.45)		
87	BRENNE	17	m	t	h	a	a	a	2	0	-	-	-	-	0.40	(0.20-	0.80)		
88	JIANG	8	m	t	t	a	e	-	2	0	23	10	24	37	3.55	(1.44-	8.75)		
90	KIYOHA	2	m	t	s	a	e	-	b	0	-	-	-	-	1.01	(0.59-	1.71)		
*91	HE	1	m	t	t	a	e	-	2	0	7	271	3	168	1.45	(0.38-	5.52)		
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~	(0.25-	109.12)		
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~	(0.04-	13.34)		
98	SEKI	3	m	t	s	c	e	-	2	0	3	22	67	578	1.18	(0.34-	4.03)		
100	ILCCO	83	m	t	h	a	a	a	2	0	-	-	-	-	1.23	(1.03-	1.46)		
101	TORRES	7	m	t	h	a	y	a	2		-	-	-	-	0.71	(0.30-	1.67)		
Partial Totals											287	22004	1060	100716					
*prospective study																			~ With 0.5 adjustment for
zero																			

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
3	CORREA	1	m	t	s	e	e	-	2	0	0.68	1.41	0.38	0.4200
5	BUFFLE	1	m	t	h	a	e	a	2	0	-0.68	2.42	1.72	0.2896
*6	HIRAYA	1	m	t	s	c	e	-	2	0	0.85	6.28	2.99	0.0328
7	KABAT1	3	m	t	s	e	e	-	2	0	0.00	1.46	0.04	1.0000
11	AKIBA	1	m	t	s	e	e	-	2	0	0.74	1.93	0.66	0.3008
12	LEE	3	m	t	s	c	m	-	2	0	0.27	2.49	0.03	0.6735
15	HUMBL1	1	m	t	s	a	e	-	2	0	1.43	1.75	2.83	0.0580
23	CHOI	1	m	t	s	a	e	-	2	0	1.00	1.30	0.92	0.2525
*24	HOLE	1	m	t	h	a	e	b	6	0	1.26	0.67	0.81	0.3028
27	JANERI	2	m	t	s	a	e	-	2	3	-0.29	5.03	1.02	0.5188
37	LAYARD	1	m	t	s	e	e	-	2	0	0.38	4.18	0.19	0.4418
39	KABAT2	3	m	t	s	e	a	-	2	0	0.49	5.21	0.56	0.2627
40	SCHWAR	3	m	t	h	a	e	a	2	0	0.17	9.83	0.00	0.6039
*44	CARDEN	11	m	t	s	c	m	-	2	0	-0.11	14.67	1.07	0.6783
45	ZHENG	1	m	t	h	a	e	a	2	0	-0.41	3.07	0.99	0.4776
46	AUVINE	1	m	t	t	a	e	-	2	0	0.14	8.70	0.00	0.6794
47	BOFFET	6	m	t	s	a	e	-	2	0	0.28	14.53	0.21	0.2843
56	MALATS	1	m	t	s	a	e	-	2	0	0.53	3.01	0.41	0.3569
57	WANGL	33	m	t	h	a	a	a	2	0	-0.31	6.28	1.37	0.4440

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

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

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

Table 27
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14

Male
Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
59	LAGARD	1	m	t	h	a	a	a	2	0	0.14	36.36	0.02	0.3994
*63	ENSTRO	3	m	t	s	c	e	-	2	1	-0.29	11.27	2.28	0.3341
65	IARCKR	3	m	t	s	a	a	-	2	0	-0.92	1.33	1.54	0.2910
66	MCGHEE	5	m	t	h	c	p	a	2	0	0.36	17.79	0.73	0.1240
*67	EPICA	9	m	t	h	a	c	a	2	7	-0.17	1.64	0.18	0.8236
69	FRANCO	2	m	t	h	a	e	a	2	2	0.59	5.88	1.07	0.1542
70	GORLOV	13	m	t	h	a	e	a	4	0	0.29	6.91	0.11	0.4497
72	RYLAND	1	m	t	h	a	e	a	2	1	0.31	4.27	0.10	0.5152
*76	HILL1	1	m	t	h	a	c	a	2	2	-0.03	10.57	0.39	0.9211
*77	HILL2	1	m	t	h	a	c	a	2	2	0.37	8.81	0.39	0.2702
78	LOPEZC	2	m	t	t	a	e	-	1	0	-0.01	0.68	0.02	0.9954
79	ASOMAN	12	m	t	h	a	w	a	2	0	-0.07	1.99	0.11	0.9184
80	GALLEG	2	m	t	t	a	e	-	1	0	2.08	1.00	3.69	0.0372
83	YANG	10	m	t	t	a	e	-	b	0	0.44	9.66	0.77	0.1670
85	TSE	1	m	t	h	a	a	a	2	0	-0.03	24.32	0.85	0.8997
87	BRENNE	17	m	t	h	a	a	a	2	0	-0.92	8.00	9.30	0.0096
88	JIANG	8	m	t	t	a	e	-	2	0	1.27	4.71	5.74	0.0060
90	KIYOHA	2	m	t	s	a	e	-	b	0	0.00	13.70	0.34	0.9853
*91	HE	1	m	t	t	a	e	-	2	0	0.37	2.14	0.09	0.5889
95	GELAC	31	m	t	s	a	e	-	2	0	1.65	0.42	0.92	0.2869
96	MASJED	5	m	t	s	a	e	-	2	0	-0.36	0.44	0.12	0.8113
98	SEKI	3	m	t	s	c	e	-	2	0	0.16	2.53	0.00	0.7961
100	ILCCO	83	m	t	h	a	a	a	2	0	0.21	127.37	0.25	0.0200
101	TORRES	7	m	t	h	a	y	a	2		-0.34	5.21	1.33	0.4342

Relative risks

N	43
NS	43
Wt	401.20
Het Chi	46.52
Het df	42
Het P	N.S.
Fixed RR	1.18
RRl	1.07
RRu	1.30
P	++
Random RR	1.17
RRl	1.04
RRu	1.31
P	++
Asymm P	N.S.

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

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

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

Table 28
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Male
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(0.38- 10.32)		
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51	(0.14- 1.79)		
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(0.20- 5.07)		
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08	(0.70- 23.91)		
27	JANERI	2	m	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.31- 1.78)		
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47	(0.55- 3.94)		
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60	(0.67- 3.82)		
40	SCHWAR	4	m	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.60- 2.03)		
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10	(0.60- 1.80)		
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63	(0.33- 1.22)		
69	FRANCO	2	m	t	h	a	e	a	2	2	-	-	-	-	1.80	(0.80- 4.03)		
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41	(0.60- 3.30)		
79	ASOMAN	12	m	t	h	a	w	a	2	0	-	-	-	-	0.93	(0.23- 3.70)		
80	GALLEG	2	m	t	t	a	e	-	1	0	-	-	-	-	8.00	(1.13- 56.52)		
83	YANG	7	m	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.11- 3.59)		
87	BRENNE	17	m	t	h	a	a	a	2	0	-	-	-	-	0.40	(0.20- 0.80)		
Partial Totals												12	87	19	195			
*prospective study																		

Europe

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30	(0.38- 4.39)		
*24	HOLE	1	m	t	h	a	e	b	6	0	2	243	1	428	3.52	(0.32- 38.65)		
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	0.69	(0.28- 1.74)		
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47	(0.81- 2.66)		
56	MALATS	8	m	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.41- 5.43)		
59	LAGARD	2	m	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.81- 1.63)		
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10- 3.00)		
*67	EPICA	9	m	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.18- 3.86)		
72	RYLAND	1	m	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.53- 3.53)		
78	LOPEZC	2	m	t	t	a	e	-	1	0	-	-	-	-	0.99	(0.09- 10.71)		
101	TORRES	7	m	t	h	a	y	a	2		-	-	-	-	0.71	(0.30- 1.67)		
Partial Totals												2	243	1	428			
*prospective study																		

Asia

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25	(1.05- 4.76)		
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80	(0.39- 6.96)		
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49- 15.21)		
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67	(0.22- 2.04)		
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56	(0.20- 1.40)		
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34	(0.82- 2.17)		
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90	(0.57- 1.41)		
88	JIANG	10	m	t	t	a	e	-	2	10	-	-	-	-	2.27	(0.62- 8.27)		
90	KIYOHA	2	m	t	s	a	e	-	b	0	-	-	-	-	1.01	(0.59- 1.71)		
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.86	(0.45- 7.73)		
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~	(0.25- 109.12)		
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~	(0.04- 13.34)		
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29	(0.34- 4.91)		
Partial Totals												12	22	353	585			
*prospective study																		

zero ~ With 0.5 adjustment for

Other

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08	(0.56- 2.09)		
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45	(0.75- 2.81)		
100	ILCCO	81	m	t	h	a	a	a	2	3	-	-	-	-	1.20	(0.98- 1.46)		
Partial Totals												0	0	0	0			
*prospective study																		

 Within each study, results are selected according to the following order of preference:
 1) EXP : s, h, t, b
 2) TYP : t/g, other
 3) TIM : m, a, z, y, w, f, e, x, c, p, v
 4) HOU : a, other
 5) UNX : 2, 1, 4, 3, other
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 28
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14

		Male				
		By continent - adjusted				
		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	16	11	13	3	43
	NS	16	11	13	3	43
	Wt	85.95	65.56	72.87	114.36	338.74
	Het Chi	26.56	5.85	11.71	0.41	44.95
	Het df	15	10	12	2	42
	Het P	*	N.S.	N.S.	N.S.	N.S.
Fixed	RR	1.11	1.12	1.17	1.21	1.16
	RRl	0.90	0.88	0.93	1.01	1.04
	RRu	1.37	1.43	1.47	1.45	1.29
	P	N.S.	N.S.	N.S.	+	++
Random	RR	1.14	1.12	1.17	1.21	1.15
	RRl	0.85	0.88	0.93	1.01	1.02
	RRu	1.55	1.43	1.47	1.45	1.30
	P	N.S.	N.S.	N.S.	+	+
Asymm	P	N.S.	N.S.	N.S.	N.S.	N.S.
Between	Chi		0.00	0.09	0.33	0.42
Between	df		1	1	1	3
Between	P		N.S.	N.S.	N.S.	N.S.

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

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

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

Table 29
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Male
By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(0.38- 10.32)
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51	(0.14- 1.79)
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(0.20- 5.07)
15	HUMBL1	1	m	t	s	a	e	-	2	0	5	37	3	93	4.19	(0.95- 18.42)
27	JANERI	2	m	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.31- 1.78)
37	LAYARD	1	m	t	s	e	e	-	2	0	6	215	15	783	1.46	(0.56- 3.80)
39	KABAT2	3	m	t	s	e	a	-	2	0	11	19	28	79	1.63	(0.69- 3.85)
40	SCHWAR	3	m	t	h	a	e	a	2	0	-	-	-	-	1.18	(0.63- 2.20)
*44	CARDEN	11	m	t	s	c	m	-	2	0	18	19549	79	76993	0.90	(0.54- 1.50)
*63	ENSTRO	3	m	t	s	c	e	-	2	1	-	-	-	-	0.75	(0.42- 1.35)
69	FRANCO	2	m	t	h	a	e	a	2	2	-	-	-	-	1.80	(0.80- 4.03)
70	GORLOV	13	m	t	h	a	e	a	4	0	36	25	27	25	1.33	(0.63- 2.81)
79	ASOMAN	12	m	t	h	a	w	a	2	0	-	-	-	-	0.93	(0.23- 3.70)
80	GALLEG	2	m	t	t	a	e	-	1	0	-	-	-	-	8.00	(1.13- 56.52)
83	YANG	10	m	t	t	a	e	-	b	0	-	-	-	-	1.56	(0.83- 2.93)
87	BRENNE	17	m	t	h	a	a	a	2	0	-	-	-	-	0.40	(0.20- 0.80)
Partial Totals											88	19932	171	78168		
*prospective study																

Europe

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
12	LEE	3	m	t	s	c	m	-	2	0	8	14	7	16	1.31	(0.38- 4.52)
*24	HOLE	1	m	t	h	a	e	b	6	0	2	243	1	428	3.52	(0.32- 38.65)
46	AUVINE	1	m	t	t	a	e	-	2	0	17	81	27	148	1.15	(0.59- 2.24)
47	BOFFET	6	m	t	s	a	e	-	2	0	23	68	118	462	1.32	(0.79- 2.21)
56	MALATS	1	m	t	s	a	e	-	2	0	-	-	-	-	1.70	(0.55- 5.26)
59	LAGARD	1	m	t	h	a	a	a	2	0	-	-	-	-	1.15	(0.83- 1.59)
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10- 3.00)
*67	EPICA	9	m	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.18- 3.86)
72	RYLAND	1	m	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.53- 3.53)
78	LOPEZC	2	m	t	t	a	e	-	1	0	-	-	-	-	0.99	(0.09- 10.71)
101	TORRES	7	m	t	h	a	y	a	2		-	-	-	-	0.71	(0.30- 1.67)
Partial Totals											50	406	153	1054		
*prospective study																

Asia

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
*6	HIRAYA	1	m	t	s	c	e	-	2	0	7	1010	57	19279	2.34	(1.07- 5.13)
11	AKIBA	1	m	t	s	e	e	-	2	0	3	9	16	101	2.10	(0.51- 8.61)
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49- 15.21)
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67	(0.22- 2.04)
57	WANGL	33	m	t	h	a	a	a	2	0	14	57	19	57	0.74	(0.34- 1.61)
66	MCGHEE	5	m	t	h	c	p	a	2	0	33	71	112	347	1.44	(0.90- 2.29)
85	TSE	1	m	t	h	a	a	a	2	0	47	194	85	342	0.97	(0.66- 1.45)
88	JIANG	8	m	t	t	a	e	-	2	0	23	10	24	37	3.55	(1.44- 8.75)
90	KIYOHA	2	m	t	s	a	e	-	b	0	-	-	-	-	1.01	(0.59- 1.71)
*91	HE	1	m	t	t	a	e	-	2	0	7	271	3	168	1.45	(0.38- 5.52)
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22	(0.25- 109.12)
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70	(0.04- 13.34)
98	SEKI	3	m	t	s	c	e	-	2	0	3	22	67	578	1.18	(0.34- 4.03)
Partial Totals											149	1666	736	21494		
*prospective study																
zero																
																~ With 0.5 adjustment for

Other

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
*76	HILL1	1	m	t	h	a	c	a	2	2	-	-	-	-	0.97	(0.53- 1.77)
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45	(0.75- 2.81)
100	ILCCO	83	m	t	h	a	a	a	2	0	-	-	-	-	1.23	(1.03- 1.46)
Partial Totals											0	0	0	0		
*prospective study																

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

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

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Table 29
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14

		Male				
		By continent - unadjusted				
		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	16	11	13	3	43
	NS	16	11	13	3	43
	Wt	90.65	78.89	84.92	146.74	401.20
	Het Chi	24.23	4.63	15.45	0.83	46.52
	Het df	15	10	12	2	42
	Het P	(*)	N.S.	N.S.	N.S.	N.S.
Fixed	RR	1.06	1.16	1.24	1.22	1.18
	RRl	0.87	0.93	1.01	1.04	1.07
	RRu	1.31	1.44	1.54	1.43	1.30
	P	N.S.	N.S.	+	+	++
Random	RR	1.11	1.16	1.30	1.22	1.17
	RRl	0.84	0.93	0.99	1.04	1.04
	RRu	1.47	1.44	1.70	1.43	1.31
	P	N.S.	N.S.	(+)	+	++
Asymm	P	N.S.	N.S.	N.S.	N.S.	N.S.
Between	Chi		0.30	1.07	1.05	1.39
Between	df		1	1	1	3
Between	P		N.S.	N.S.	N.S.	N.S.

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

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

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

Table 30
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43-	1.30)
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(0.38-	10.32)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)
Subtotal 3																	
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51	(0.14-	1.79)
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)
Subtotal 5																	
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25	(1.05-	4.76)
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02-	2.08)
Subtotal 6																	
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(0.20-	5.07)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)
Subtotal 7																	
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50-	3.30)
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80	(0.39-	6.96)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93-	2.76)
Subtotal 11																	
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30	(0.38-	4.39)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37-	2.71)
Subtotal 12																	
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39-	6.90)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87-	1.94)
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08	(0.70-	23.91)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)
Subtotal 15																	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87-	3.09)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70-	2.10)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77-	8.85)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49-	15.21)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)
Subtotal 23																	
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41	(0.45-	12.83)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53-	3.49)
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.48-	1.18)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78-	1.63)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60-	0.90)
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30-	1.96)
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.20)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77-	3.87)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47	(0.55-	3.94)
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)
Subtotal 37																	
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60	(0.67-	3.82)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)
Subtotal 39																	
40	SCHWAR	8	c	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.80-	1.60)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80-	1.69)
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26-	5.10)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10	(0.60-	1.80)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)
Subtotal 44																	
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67	(0.22-	2.04)

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

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

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

Table 30
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09-	5.85)
Subtotal 45																	
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	1.56	(0.80-	3.06)
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47	(0.81-	2.66)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88-	1.39)
Subtotal 47																	
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31-	1.78)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06-	2.21)
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50-	1.80)
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93-	3.18)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50-	2.90)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.80-	2.60)
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56	(0.20-	1.40)
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)
Subtotal 57																	
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.91-	1.45)
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(0.67-	4.60)
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63	(0.33-	1.22)
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66-	1.33)
Subtotal 63																	
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21-	1.09)
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10-	3.00)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)
Subtotal 65																	
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34	(0.82-	2.17)
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94-	2.04)
Subtotal 66																	
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.38-	1.90)
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(1.07-	2.92)
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80	(1.10-	3.00)
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41	(0.60-	3.30)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)
Subtotal 70																	
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.72-	2.61)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70-	2.63)
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08	(0.56-	2.09)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49-	2.01)
Subtotal 76																	
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45	(0.75-	2.81)
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(0.78-	2.41)
Subtotal 77																	
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99	(0.11-	9.16)
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93	(0.39-	2.19)
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00	(1.83-	34.92)
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78-	2.03)
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.30-	3.00)
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90	(0.57-	1.41)
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(1.01-	2.07)
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40	(0.27-	0.59)
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.23-	4.18)
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00	(0.65-	1.55)
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.86	(0.45-	7.73)
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07	(0.23-	18.34)
Subtotal 91																	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(0.90-	1.40)
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66-	3.77)
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22	(0.25-	109.12)
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09-	1.56)
Subtotal 95																	
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70	(0.04-	13.34)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)

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

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

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

Table 30
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed Case	Non-exposed Cont	Case	Cont	RR	95.00%CI
Subtotal 96																
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.90	(0.97- 3.72)
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.20	(0.99- 1.46)
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.29	(0.34- 4.91)
Subtotal 98																
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	1.31	(1.00- 1.72)
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	0.88	(0.52- 1.49)
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	1.20	(1.08- 1.34)
Partial Totals											1581	98254	1395	85197		
*prospective study zero ~ With 0.5 adjustment for																

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
*1	GARFI1	1	f	t	s	c	c	-	2	0	0.16	37.42	0.01	0.3420
2	CHAN	1	f	t	s	a	e	-	2	0	-0.28	12.78	2.65	0.3086
3	CORREA	1	m	t	s	e	e	-	2	0	0.68	1.41	0.37	0.4200
3	CORREA	2	f	t	s	e	e	-	2	0	0.73	4.41	1.36	0.1276
Subtotal 3											0.71	5.82	1.72	
4	TRICHO	1	f	y	s	a	y	-	2	0	0.73	12.77	4.00	0.0091
5	BUFFLE	1	m	t	h	a	e	a	2	0	-0.68	2.42	1.75	0.2896
5	BUFFLE	2	f	t	h	a	e	a	2	0	-0.22	5.19	0.78	0.6209
Subtotal 5											-0.36	7.61	2.53	
*6	HIRAYA	2	m	t	s	c	e	-	2	1	0.81	6.73	2.76	0.0355
*6	HIRAYA	8	f	t	s	c	e	-	2	1	0.37	30.26	1.22	0.0410
Subtotal 6											0.45	36.99	3.98	
7	KABAT1	3	m	t	s	e	e	-	2	0	0.00	1.46	0.04	1.0000
7	KABAT1	4	f	t	s	e	e	-	2	0	-0.24	2.99	0.50	0.6802
Subtotal 7											-0.16	4.45	0.54	
8	GARFI2	3	f	t	s	a	e	-	2	0	0.21	22.25	0.03	0.3229
9	LAMW	1	f	a	s	a	e	-	2	0	0.70	10.14	2.83	0.0261
10	WU	3	f	a	s	e	m	-	2	1	0.18	4.31	0.00	0.7049
11	AKIBA	2	m	t	s	e	e	-	2	5	0.59	1.85	0.32	0.4240
11	AKIBA	4	f	t	s	e	e	-	2	5	0.41	12.99	0.72	0.1440
Subtotal 11											0.43	14.84	1.04	
12	LEE	4	m	t	s	c	m	-	2	1	0.26	2.57	0.02	0.6743
12	LEE	6	f	t	s	c	m	-	2	1	0.00	3.88	0.11	1.0000
Subtotal 12											0.10	6.44	0.13	
13	BROWN1	2	f	a	t	a	e	-	4	3	0.52	1.86	0.23	0.4791
14	GAO	8	f	t	s	a	m	-	4	2	0.27	23.89	0.22	0.1944
15	HUMBL1	2	m	t	s	a	e	-	2	2	1.41	1.23	1.88	0.1185
15	HUMBL1	4	f	t	s	a	e	-	2	2	0.79	3.31	1.26	0.1516
Subtotal 15											0.96	4.54	3.15	
16	KOO	3	f	t	s	e	m	-	2	4	0.49	9.57	1.01	0.1260
17	LAMT	1	f	t	s	a	m	-	2	0	0.50	30.63	3.32	0.0057
18	PERSHA	2	f	t	s	a	m	-	2	2	0.18	12.73	0.00	0.5153
*19	BUTLER	2	f	t	s	c	m	-	2	1	0.70	1.85	0.53	0.3388
20	GENG	1	f	t	s	a	e	-	2	0	0.77	8.13	2.91	0.0285
21	INOUE	2	f	t	s	e	e	-	2	1	0.81	2.58	1.06	0.1930
22	SHIMIZ	2	f	t	s	a	m	-	2	0	0.08	14.20	0.12	0.7646
23	CHOI	1	m	t	s	a	e	-	2	0	1.00	1.30	0.90	0.2525
23	CHOI	2	f	t	s	a	e	-	2	0	0.49	11.99	1.20	0.0916
Subtotal 23											0.54	13.29	2.11	
*24	HOLE	3	c	t	h	a	e	b	6	2	0.88	1.37	0.69	0.3034
25	SCHOEN	2	f	t	s	a	e	-	2	6	0.07	21.00	0.22	0.7533
26	SVENSS	5	f	t	t	a	a	-	1	1	0.31	4.33	0.08	0.5225
27	JANERI	4	c	t	s	a	e	-	2	3	-0.29	18.99	3.99	0.2099
28	KALAND	3	f	t	s	a	m	-	2	4	0.75	8.82	2.93	0.0266
29	SOBUE	2	f	t	s	a	a	-	2	2	0.12	28.29	0.07	0.5157
30	WU-WIL	4	f	t	s	a	e	-	2	3	-0.36	93.46	25.97	0.0006
31	LIUZ	2	f	t	h	a	c	a	2	3	-0.26	4.36	0.81	0.5852
32	BROWN2	4	f	t	s	a	a	-	2	2	0.00	93.46	2.71	1.0000
33	STOCKW	3	f	t	s	a	e	-	7	3	0.47	8.80	0.79	0.1634
34	DU	1	f	t	s	a	e	-	2	0	0.09	13.61	0.10	0.7506
35	LIUQ	2	f	t	s	a	e	-	2	3	0.54	5.89	0.82	0.1880
36	FONTHA	6	f	t	s	a	a	-	2	8	0.25	82.80	0.59	0.0205
37	LAYARD	2	m	t	s	e	e	-	2	2	0.39	3.96	0.18	0.4431
37	LAYARD	4	f	t	s	e	e	-	2	2	-0.54	8.74	4.47	0.1074

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

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

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

Table 30
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
Subtotal 37														
38	DEWAAR	1	f	t	t	a	c	-	4	0	-0.25	12.70	4.65	0.0986
39	KABAT2	4	m	t	s	e	a	-	2	3	0.94	3.07	1.83	0.2899
39	KABAT2	6	f	t	s	e	a	-	2	3	0.47	5.07	0.46	0.7971
Subtotal 39														
40	SCHWAR	8	c	t	h	a	e	a	2	2	0.08	11.16	0.10	0.5899
41	SUN	2	f	t	s	a	m	-	2	2	0.20	16.23	0.55	0.4366
42	WANGS	1	f	t	t	a	e	-	2	0	0.10	31.98	0.18	0.0093
43	WANGT	2	f	t	s	a	m	-	2	0	0.15	27.47	0.01	0.6978
*44	CARDEN	12	m	t	s	c	m	-	2	8	0.93	7.83	4.50	0.7338
*44	CARDEN	10	f	t	s	c	m	-	2	8	0.10	14.90	0.07	0.3025
Subtotal 44														
45	ZHENG	1	m	t	h	a	e	a	2	0	0.18	31.98	0.00	0.4776
45	ZHENG	2	f	t	h	a	e	a	2	0	-0.41	3.07	1.02	0.0310
Subtotal 45														
46	AUVINE	2	m	t	t	a	e	-	2	1	0.45	8.50	4.11	0.4259
47	BOFFET	7	m	t	s	a	e	-	2	2	-0.37	4.60	1.35	0.2041
47	BOFFET	9	f	t	s	a	e	-	2	2	0.39	10.87	0.50	0.3709
Subtotal 47														
48	SHEN	1	f	a	t	a	y	-	2	0	0.10	73.53	0.32	0.5088
49	ZARIDZ	4	f	t	s	a	e	-	2	2	0.14	84.40	0.82	0.0233
50	BOFFE2	12	c	a	s	a	a	-	2	2	-0.29	5.07	1.09	1.0000
*51	JEE	4	f	t	s	c	e	-	2	5	0.43	28.46	1.85	0.0838
52	RAPITI	2	f	t	s	a	e	-	2	3	0.00	9.36	0.27	0.6843
*53	SPEIZE	1	f	t	t	a	a	-	2	1	0.54	10.17	1.41	0.6016
54	ZHONG	2	f	t	s	a	e	-	2	7	0.41	1.66	0.09	0.5523
55	LEECH	8	f	t	s	a	a	-	2	7	0.10	38.89	0.22	0.0009
56	MALATS	12	c	t	s	a	e	-	2	2	0.63	27.89	5.79	0.1775
57	WANGL	34	m	t	h	a	a	a	2	5	0.41	11.06	0.61	0.2428
57	WANGL	36	f	t	h	a	a	a	2	5	-0.58	4.06	2.28	0.9114
Subtotal 57														
58	JOHNSO	8	f	t	h	a	e	a	2	4	0.03	14.17	0.28	0.5856
59	LAGARD	6	c	t	h	a	a	a	2	6	-0.11	18.22	2.57	0.2396
*60	NISHIN	2	f	t	s	a	c	-	2	7	0.18	8.94	0.00	0.2317
61	OHNO	6	f	t	s	a	e	-	2	2	0.14	70.80	0.07	1.0000
*63	ENSTRO	6	m	t	s	c	e	-	2	8	0.59	4.14	0.72	0.1660
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-0.46	8.99	3.60	0.7292
Subtotal 63														
64	ZATLOU	6	f	g	t	a	a	-	2	3	-0.06	31.30	1.69	0.0806
65	IARCKR	3	m	t	s	a	a	-	2	0	-0.15	40.28	5.28	0.2910
65	IARCKR	2	f	t	s	a	a	-	2	2	-0.73	5.67	4.63	0.3600
Subtotal 65														
66	MCGHEE	1	m	t	h	c	p	a	2	2	-0.92	1.33	1.57	0.2385
66	MCGHEE	2	f	t	h	c	p	a	2	2	0.32	25.59	0.59	0.1032
Subtotal 66														
*67	EPICA	7	c	t	h	a	c	a	2	7	0.31	41.82	0.83	0.6711
68	FANG	2	f	t	t	a	e	-	2	8	-0.17	5.93	0.71	0.0258
69	FRANCO	1	c	t	h	a	e	a	2	2	0.57	15.25	2.45	0.0216
70	GORLOV	1	m	t	h	a	e	a	4	4	0.59	15.26	2.66	0.4295
70	GORLOV	2	f	t	h	a	e	a	4	4	0.34	5.29	0.16	0.6491
Subtotal 70														
72	RYLAND	3	c	t	h	a	e	a	2	1	0.21	15.89	0.17	0.3380
*73	WEN	1	f	t	s	a	m	-	2	9	0.31	9.26	0.19	0.6639
74	YU	1	f	t	t	a	e	-	4	20	0.09	25.43	0.18	0.3760
*76	HILL1	3	m	t	h	a	c	a	2	9	0.30	8.70	0.15	0.8188
*76	HILL1	2	f	t	h	a	c	a	2	2	0.08	8.86	0.08	1.0000
Subtotal 76														
*77	HILL2	1	m	t	h	a	c	a	2	2	0.00	7.71	0.22	0.2702
*77	HILL2	3	f	t	h	a	c	a	2	9	0.04	16.57	0.30	0.2631
Subtotal 77														
78	LOPEZC	1	c	t	t	a	e	-	1	0	0.34	20.88	0.63	0.9950
79	ASOMAN	4	c	t	h	a	w	a	2	0	-0.01	0.78	0.02	0.8609
80	GALLEG	1	c	t	t	a	e	-	1	0	-0.08	5.19	0.32	0.0057
*81	KURAHA	10	f	t	s	c	e	-	2	5	2.08	1.77	6.45	0.3436
83	YANG	2	c	t	t	a	e	-	b	3	0.23	16.80	0.06	0.0012
85	TSE	10	m	t	h	a	a	a	2	9	0.69	21.97	6.00	0.6484
86	LIANG	2	f	t	t	a	a	-	2	0	-0.11	18.73	1.42	0.0426

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

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

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

Table 30
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
87	BRENNE	13	c	t	h	a	a	a	2	0	-0.92	25.66	30.46	0.0000
88	JIANG	1	c	t	t	a	e	-	2	10	0.82	10.29	4.32	0.0086
90	KIYOHA	1	c	t	s	a	e	-	b	0	0.00	20.19	0.55	0.9823
*91	HE	2	m	t	t	a	e	-	2	9	0.62	1.90	0.39	0.3923
*91	HE	4	f	t	t	a	e	-	2	9	0.73	0.80	0.25	0.5148
Subtotal 91											0.65	2.70	0.63	
92	LIM	1	f	t	h	a	e	a	4	0	0.12	80.68	0.24	0.2971
93	LIN	7	f	t	t	a	e	-	1	7	0.92	22.79	12.72	0.0000
95	GELAC	31	m	t	s	a	e	-	2	0	1.65	0.42	0.91	0.2869
95	GELAC	27	f	t	s	a	e	-	2	5	0.26	119.55	1.01	0.0041
Subtotal 95											0.27	119.97	1.92	
96	MASJED	5	m	t	s	a	e	-	2	0	-0.36	0.44	0.12	0.8113
96	MASJED	6	f	t	s	a	e	-	2	0	0.70	8.08	2.24	0.0476
Subtotal 96											0.64	8.52	2.36	
97	REN	2	f	t	t	a	e	-	1	5	0.18	101.81	0.01	0.0658
98	SEKI	7	m	t	s	c	e	-	2	7	0.25	2.16	0.02	0.7085
98	SEKI	20	f	t	s	c	e	-	2	7	0.27	50.36	0.50	0.0553
Subtotal 98											0.27	52.52	0.51	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-0.13	13.87	1.23	0.6341
100	ILCCO	16	c	t	h	a	a	a	2	3	0.18	330.23	0.05	0.0009
101	TORRES	2	c	t	h	a	y	a	2	2	-0.34	25.08	6.60	0.0863

Relative risks

N	118
NS	94
Wt	2353.06
Het Chi	206.85
Het df	117
Het P	***
Fixed RR	1.19
RRl	1.14
RRu	1.23
P	+++
Random RR	1.22
RRl	1.14
RRu	1.30
P	+++
Asymm P	(*)

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

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

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

Table 31
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43-	1.30)
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(0.38-	10.32)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)
Subtotal 3																	
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51	(0.14-	1.79)
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)
Subtotal 5																	
*6	HIRAYA	1	m	t	s	c	e	-	2	0	7	1010	57	19279	2.34	(1.07-	5.13)
*6	HIRAYA	7	f	t	s	c	e	-	2	0	163	69645	37	21895	1.38	(0.97-	1.98)
Subtotal 6																	
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.52	(1.10-	2.10)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	1.00	(0.20-	5.07)
Subtotal 7																	
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)
10	WU	2	f	a	s	e	m	-	2	0	19	33	9	22	1.41	(0.54-	3.67)
11	AKIBA	1	m	t	s	e	e	-	2	0	3	9	16	101	2.10	(0.51-	8.61)
11	AKIBA	3	f	t	s	e	e	-	2	0	73	188	21	82	1.52	(0.87-	2.63)
Subtotal 11																	
12	LEE	3	m	t	s	c	m	-	2	0	8	14	7	16	1.31	(0.38-	4.52)
12	LEE	5	f	t	s	c	m	-	2	0	22	45	10	21	1.03	(0.41-	2.55)
Subtotal 12																	
13	BROWN1	1	f	a	t	a	e	-	4	0	4	7	15	40	1.52	(0.39-	5.96)
14	GAO	4	f	t	s	a	m	-	4	0	189	276	57	99	1.19	(0.82-	1.73)
15	HUMBL1	1	m	t	s	a	e	-	2	0	5	37	3	93	4.19	(0.95-	18.42)
15	HUMBL1	3	f	t	s	a	e	-	2	0	15	91	5	71	2.34	(0.81-	6.75)
Subtotal 15																	
16	KOO	2	f	t	s	e	m	-	2	0	51	66	35	70	1.55	(0.90-	2.67)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)
18	PERSHA	1	f	t	s	a	m	-	2	0	37	153	33	141	1.03	(0.61-	1.74)
*19	BUTLER	1	f	t	s	c	m	-	2	0	3	10579	5	43052	2.44	(0.58-	10.22)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)
21	INOUE	1	f	t	s	e	e	-	2	0	18	30	4	17	2.55	(0.74-	8.78)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49-	15.21)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)
Subtotal 23																	
*24	HOLE	1	m	t	h	a	e	b	6	0	2	243	1	428	3.52	(0.32-	38.65)
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89	(0.22-	16.12)
Subtotal 24																	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)
26	SVENSS	1	f	t	t	a	a	-	1	0	24	114	10	60	1.26	(0.57-	2.81)
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.48-	1.18)
28	KALAND	2	f	t	s	a	m	-	2	0	64	70	26	46	1.62	(0.90-	2.91)
29	SOBUE	1	f	t	s	a	a	-	2	0	80	395	64	336	1.06	(0.74-	1.52)
30	WU-WIL	3	f	t	s	a	e	-	2	0	205	331	212	271	0.79	(0.62-	1.02)
31	LIUZ	1	f	t	h	a	c	a	2	0	45	176	9	26	0.74	(0.32-	1.69)
32	BROWN2	3	f	t	s	a	a	-	2	0	218	598	213	568	0.97	(0.78-	1.21)
33	STOCKW	2	f	t	s	a	e	-	7	0	44	55	18	36	1.60	(0.80-	3.19)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)
35	LIUQ	1	f	t	s	a	e	-	2	0	25	37	13	32	1.66	(0.73-	3.78)
36	FONTHA	5	f	t	s	a	a	-	2	0	433	766	218	487	1.26	(1.04-	1.54)
37	LAYARD	1	m	t	s	e	e	-	2	0	6	215	15	783	1.46	(0.56-	3.80)
37	LAYARD	3	f	t	s	e	e	-	2	0	15	961	24	969	0.63	(0.33-	1.21)
Subtotal 37																	
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)
39	KABAT2	3	m	t	s	e	a	-	2	0	11	19	28	79	1.63	(0.69-	3.85)
39	KABAT2	5	f	t	s	e	a	-	2	0	41	102	26	71	1.10	(0.62-	1.96)
Subtotal 39																	
40	SCHWAR	7	c	t	h	a	e	a	2	0	172	175	85	102	1.18	(0.83-	1.68)
41	SUN	11	f	t	s	a	m	-	2	0	144	136	86	94	1.16	(0.80-	1.68)
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26-	5.10)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)
*44	CARDEN	11	m	t	s	c	m	-	2	0	18	19549	79	76993	0.90	(0.54-	1.50)
*44	CARDEN	9	f	t	s	c	m	-	2	0	96	114286	54	77948	1.21	(0.87-	1.69)

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

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

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

Table 31
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed Case	Non-exposed Cont	Case	Cont	RR	95.00%CI
Subtotal 44																
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	1.11	(0.84- 1.47)
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	0.67	(0.22- 2.04)
Subtotal 45																
46	AUVINE	1	m	t	t	a	e	-	2	0	17	81	27	148	2.52	(1.09- 5.85)
47	BOFFET	6	m	t	s	a	e	-	2	0	23	68	118	462	1.56	(0.80- 3.06)
47	BOFFET	8	f	t	s	a	e	-	2	0	321	632	187	376	1.15	(0.59- 2.24)
Subtotal 47																
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	1.32	(0.79- 2.21)
49	ZARIDZ	3	f	t	s	a	e	-	2	0	109	163	80	195	1.02	(0.82- 1.27)
50	BOFFE2	11	c	a	s	a	a	-	2	0	33	75	37	103	1.06	(0.87- 1.30)
*51	JEE	3	f	t	s	c	e	-	2	1	67	-	12	-	0.75	(0.31- 1.78)
52	RAPITI	1	f	t	s	a	e	-	2	0	13	21	28	46	1.63	(1.14- 2.33)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.22	(0.70- 2.14)
54	ZHONG	1	f	t	s	a	e	-	2	0	322	377	182	224	1.02	(0.44- 2.35)
55	LEECH	7	f	t	s	a	a	-	2	0	186	253	82	192	1.50	(0.30- 6.30)
56	MALATS	11	c	t	s	a	e	-	2	0	58	42	64	79	1.05	(0.82- 1.34)
57	WANGL	33	m	t	h	a	a	a	2	0	14	57	19	57	1.72	(1.25- 2.37)
57	WANGL	35	f	t	h	a	a	a	2	0	169	337	31	70	1.70	(1.02- 2.86)
Subtotal 57																
58	JOHNSO	7	f	t	h	a	e	a	2	0	54	543	17	218	0.74	(0.34- 1.61)
59	LAGARD	5	c	t	h	a	a	a	2	0	179	611	254	997	1.13	(0.71- 1.80)
*60	NISHIN	1	f	t	s	a	c	-	2	0	11	30566	13	43361	1.01	(0.67- 1.50)
61	OHNO	5	f	t	s	a	e	-	2	0	139	239	52	90	0.75	(0.42- 1.35)
*63	ENSTRO	3	m	t	s	c	e	-	2	1	-	-	-	-	0.99	(0.72- 1.37)
*63	ENSTRO	9	f	t	s	c	e	-	2	1	-	-	-	-	0.93	(0.70- 1.23)
Subtotal 63																
64	ZATLOU	3	f	g	t	a	a	-	2	0	7	155	77	734	0.43	(0.19- 0.95)
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10- 3.00)
65	IARCKR	1	f	t	s	a	a	-	2	0	-	-	-	-	0.90	(0.60- 1.40)
Subtotal 65																
66	MCGHEE	5	m	t	h	c	p	a	2	0	33	71	112	347	0.86	(0.57- 1.29)
66	MCGHEE	6	f	t	h	c	p	a	2	0	96	150	83	195	1.44	(0.90- 2.29)
Subtotal 66																
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	1.50	(1.05- 2.16)
68	FANG	1	f	t	t	a	e	-	2	1	-	-	-	-	1.48	(1.11- 1.97)
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	0.84	(0.38- 1.90)
70	GORLOV	13	m	t	h	a	e	a	4	0	36	25	27	25	2.74	(1.82- 4.14)
70	GORLOV	14	f	t	h	a	e	a	4	0	92	89	38	48	1.80	(1.10- 3.00)
Subtotal 70																
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.33	(0.63- 2.81)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.31	(0.78- 2.19)
74	YU	8	f	t	t	a	e	-	4	0	183	246	30	46	1.31	(0.86- 2.01)
*76	HILL1	1	m	t	h	a	c	a	2	2	-	-	-	-	1.37	(0.72- 2.61)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.09	(0.74- 1.61)
Subtotal 76																
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.14	(0.69- 1.88)
*77	HILL2	2	f	t	h	a	c	a	2	2	-	-	-	-	0.97	(0.53- 1.77)
Subtotal 77																
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	1.00	(0.49- 2.01)
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.98	(0.62- 1.55)
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	1.45	(0.75- 2.81)
*81	KURAHA	9	f	t	s	c	e	-	2	0	84	280346	25	97466	0.93	(0.39- 2.19)
83	YANG	9	c	t	t	a	e	-	b	0	198	173	99	135	8.00	(1.83- 34.92)
85	TSE	1	m	t	h	a	a	a	2	0	47	194	85	342	1.17	(0.75- 1.83)
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.56	(1.12- 2.17)
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.97	(0.66- 1.45)
88	JIANG	8	m	t	t	a	e	-	2	0	23	10	24	37	1.45	(1.01- 2.07)
88	JIANG	9	f	t	t	a	e	-	2	0	67	48	31	50	3.55	(1.44- 8.75)
Subtotal 88																
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	2.25	(1.26- 4.03)
*91	HE	1	m	t	t	a	e	-	2	0	7	271	3	168	2.57	(1.58- 4.19)
*91	HE	3	f	t	t	a	e	-	2	0	5	340	1	131	1.00	(0.65- 1.55)
Subtotal 91																
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.45	(0.38- 5.52)
93	LIN	1	f	t	t	a	e	-	1	0	135	92	91	177	1.93	(0.23- 16.33)
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	1.57	(0.50- 4.88)
5.22~(0.25- 109.12)																

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

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

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

Table 31
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
95	GELAC	19	f	t	s	a	e	-	2	0	571	461	601	711	1.47 (	1.24-	1.73)
Subtotal 95																	
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	1.47 (	1.25-	1.73)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01 (	1.01-	4.00)
Subtotal 96																	
97	REN	1	f	t	t	a	e	-	1	0	551	684	213	299	1.13 (	0.92-	1.39)
98	SEKI	3	m	t	s	c	e	-	2	0	3	22	67	578	1.18 (	0.34-	4.03)
98	SEKI	11	f	t	s	c	e	-	2	0	193	1170	99	640	1.07 (	0.82-	1.38)
Subtotal 98																	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	1.07 (	0.83-	1.38)
100	ILCCO	11	c	t	h	a	a	a	2	0	1228	3366	1061	3575	0.88 (	0.52-	1.49)
101	TORRES	1	c	t	h	a	y	a	2	0	81	148	111	180	1.23 (	1.12-	1.35)
Partial Totals											9201	642086	6972	482516			
*prospective study																	
zero											~ With 0.5 adjustment for zero						

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
*1	GARFI1	1	f	t	s	c	c	-	2	0	0.16	37.42	0.05	0.3420
2	CHAN	1	f	t	s	a	e	-	2	0	-0.28	12.78	2.91	0.3086
3	CORREA	1	m	t	s	e	e	-	2	0	0.68	1.41	0.33	0.4200
3	CORREA	2	f	t	s	e	e	-	2	0	0.73	4.41	1.25	0.1276
Subtotal 3														
4	TRICHO	1	f	y	s	a	y	-	2	0	0.73	12.77	3.69	0.0091
5	BUFFLE	1	m	t	h	a	e	a	2	0	-0.68	2.42	1.85	0.2896
5	BUFFLE	2	f	t	h	a	e	a	2	0	-0.22	5.19	0.87	0.6209
Subtotal 5														
*6	HIRAYA	1	m	t	s	c	e	-	2	0	0.85	6.28	2.73	0.0328
*6	HIRAYA	7	f	t	s	c	e	-	2	0	0.33	30.21	0.53	0.0734
Subtotal 6														
7	KABAT1	3	m	t	s	e	e	-	2	0	0.00	1.46	0.05	1.0000
7	KABAT1	4	f	t	s	e	e	-	2	0	-0.24	2.99	0.56	0.6802
Subtotal 7														
8	GARFI2	3	f	t	s	a	e	-	2	0	0.21	22.25	0.01	0.3229
9	LAMW	1	f	a	s	a	e	-	2	0	0.70	10.14	2.59	0.0261
10	WU	2	f	a	s	e	m	-	2	0	0.34	4.18	0.09	0.4850
11	AKIBA	1	m	t	s	e	e	-	2	0	0.74	1.93	0.59	0.3008
11	AKIBA	3	f	t	s	e	e	-	2	0	0.42	12.69	0.63	0.1382
Subtotal 11														
12	LEE	3	m	t	s	c	m	-	2	0	0.27	2.49	0.01	0.6735
12	LEE	5	f	t	s	c	m	-	2	0	0.03	4.64	0.13	0.9548
Subtotal 12														
13	BROWN1	1	f	a	t	a	e	-	4	0	0.42	2.06	0.11	0.5451
14	GAO	4	f	t	s	a	m	-	4	0	0.17	27.35	0.01	0.3644
15	HUMBL1	1	m	t	s	a	e	-	2	0	1.43	1.75	2.69	0.0580
15	HUMBL1	3	f	t	s	a	e	-	2	0	0.85	3.43	1.48	0.1154
Subtotal 15														
16	KOO	2	f	t	s	e	m	-	2	0	0.44	12.88	0.76	0.1182
17	LAMT	1	f	t	s	a	m	-	2	0	0.50	30.63	2.89	0.0057
18	PERSHA	1	f	t	s	a	m	-	2	0	0.03	14.09	0.36	0.9022
*19	BUTLER	1	f	t	s	c	m	-	2	0	0.89	1.88	0.92	0.2215
20	GENG	1	f	t	s	a	e	-	2	0	0.77	8.13	2.69	0.0285
21	INOUE	1	f	t	s	e	e	-	2	0	0.94	2.51	1.39	0.1377
22	SHIMIZ	2	f	t	s	a	m	-	2	0	0.08	14.20	0.18	0.7646
23	CHOI	1	m	t	s	a	e	-	2	0	1.00	1.30	0.85	0.2525
23	CHOI	2	f	t	s	a	e	-	2	0	0.49	11.99	1.04	0.0916
Subtotal 23														
*24	HOLE	1	m	t	h	a	e	b	6	0	1.26	0.67	0.76	0.3028
*24	HOLE	2	f	t	h	a	e	b	6	0	0.64	0.84	0.16	0.5613
Subtotal 24														
25	SCHOEN	2	f	t	s	a	e	-	2	6	0.07	21.00	0.32	0.7533
26	SVENSS	1	f	t	t	a	a	-	1	0	0.23	5.98	0.01	0.5677
27	JANERI	4	c	t	s	a	e	-	2	3	-0.29	18.99	4.38	0.2099
28	KALAND	2	f	t	s	a	m	-	2	0	0.48	11.10	0.92	0.1091
29	SOBUE	1	f	t	s	a	a	-	2	0	0.06	29.73	0.51	0.7379
30	WU-WIL	3	f	t	s	a	e	-	2	0	-0.23	61.33	11.14	0.0674
31	LIUZ	1	f	t	h	a	c	a	2	0	-0.30	5.63	1.38	0.4721
32	BROWN2	3	f	t	s	a	a	-	2	0	-0.03	78.65	3.84	0.8021

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

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

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

Table 31
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
33	STOCKW	2	f	t	s	a	e	-	7	0	0.47	8.05	0.62	0.1824
34	DU	1	f	t	s	a	e	-	2	0	0.09	13.61	0.15	0.7506
35	LIUQ	1	f	t	s	a	e	-	2	0	0.51	5.71	0.57	0.2242
36	FONTHA	5	f	t	s	a	a	-	2	0	0.23	97.51	0.16	0.0212
37	LAYARD	1	m	t	s	e	e	-	2	0	0.38	4.18	0.14	0.4418
37	LAYARD	3	f	t	s	e	e	-	2	0	-0.46	9.06	3.88	0.1647
Subtotal 37											-0.20	13.24	4.02	
38	DEWAAR	1	f	t	t	a	c	-	4	0	0.94	3.07	1.73	0.0986
39	KABAT2	3	m	t	s	e	a	-	2	0	0.49	5.21	0.46	0.2627
39	KABAT2	5	f	t	s	e	a	-	2	0	0.09	11.53	0.11	0.7517
Subtotal 39											0.22	16.74	0.58	
40	SCHWAR	7	c	t	h	a	e	a	2	0	0.17	30.21	0.02	0.3643
41	SUN	11	f	t	s	a	m	-	2	0	0.15	27.35	0.06	0.4448
42	WANGS	1	f	t	t	a	e	-	2	0	0.93	7.83	4.24	0.0093
43	WANGT	2	f	t	s	a	m	-	2	0	0.10	14.90	0.13	0.6978
*44	CARDEN	11	m	t	s	c	m	-	2	0	-0.11	14.67	1.33	0.6783
*44	CARDEN	9	f	t	s	c	m	-	2	0	0.19	34.59	0.00	0.2571
Subtotal 44											0.10	49.26	1.33	
45	ZHENG	1	m	t	h	a	e	a	2	0	-0.41	3.07	1.10	0.4776
45	ZHENG	2	f	t	h	a	e	a	2	0	0.93	5.43	2.92	0.0310
Subtotal 45											0.45	8.50	4.01	
46	AUVINE	1	m	t	t	a	e	-	2	0	0.14	8.70	0.02	0.6794
47	BOFFET	6	m	t	s	a	e	-	2	0	0.28	14.53	0.11	0.2843
47	BOFFET	8	f	t	s	a	e	-	2	0	0.02	78.71	2.32	0.8520
Subtotal 47											0.06	93.24	2.43	
48	SHEN	1	f	a	t	a	y	-	2	0	-0.29	5.07	1.20	0.5088
49	ZARIDZ	3	f	t	s	a	e	-	2	0	0.49	30.36	2.66	0.0071
50	BOFFE2	11	c	a	s	a	a	-	2	0	0.20	12.44	0.00	0.4743
*51	JEE	3	f	t	s	c	e	-	2	1	0.59	10.42	1.63	0.0577
52	RAPITI	1	f	t	s	a	e	-	2	0	0.02	5.49	0.17	0.9685
*53	SPEIZE	1	f	t	t	a	a	-	2	1	0.41	1.66	0.08	0.6016
54	ZHONG	1	f	t	s	a	e	-	2	0	0.05	63.63	1.30	0.6903
55	LEECH	7	f	t	s	a	a	-	2	0	0.54	37.41	4.59	0.0009
56	MALATS	11	c	t	s	a	e	-	2	0	0.53	14.42	1.67	0.0428
57	WANGL	33	m	t	h	a	a	a	2	0	-0.31	6.28	1.56	0.4440
57	WANGL	35	f	t	h	a	a	a	2	0	0.12	18.04	0.08	0.5975
Subtotal 57											0.01	24.32	1.64	
58	JOHNSO	7	f	t	h	a	e	a	2	0	0.24	11.94	0.03	0.4008
59	LAGARD	5	c	t	h	a	a	a	2	0	0.14	82.21	0.23	0.2052
*60	NISHIN	1	f	t	s	a	c	-	2	0	0.18	5.96	0.00	0.6557
61	OHNO	5	f	t	s	a	e	-	2	0	0.01	23.97	0.83	0.9743
*63	ENSTRO	3	m	t	s	c	e	-	2	1	-0.29	11.27	2.60	0.3341
*63	ENSTRO	9	f	t	s	c	e	-	2	1	-0.01	37.13	1.53	0.9512
Subtotal 63											-0.07	48.40	4.13	
64	ZATLOU	3	f	g	t	a	a	-	2	0	-0.84	6.11	6.55	0.0372
65	IARCKR	3	m	t	s	a	a	-	2	0	-0.92	1.33	1.63	0.2910
65	IARCKR	1	f	t	s	a	a	-	2	0	-0.11	21.40	1.90	0.6259
Subtotal 65											-0.15	22.73	3.54	
66	MCGHEE	5	m	t	h	c	p	a	2	0	0.36	17.79	0.53	0.1240
66	MCGHEE	6	f	t	h	c	p	a	2	0	0.41	29.19	1.35	0.0276
Subtotal 66											0.39	46.98	1.88	
*67	EPICA	7	c	t	h	a	c	a	2	7	-0.17	5.93	0.80	0.6711
68	FANG	1	f	t	t	a	e	-	2	1	1.01	22.75	15.12	0.0000
69	FRANCO	1	c	t	h	a	e	a	2	2	0.59	15.26	2.38	0.0216
70	GORLOV	13	m	t	h	a	e	a	4	0	0.29	6.91	0.06	0.4497
70	GORLOV	14	f	t	h	a	e	a	4	0	0.27	14.44	0.08	0.3107
Subtotal 70											0.27	21.34	0.14	
72	RYLAND	3	c	t	h	a	e	a	2	1	0.31	9.26	0.14	0.3380
*73	WEN	1	f	t	s	a	m	-	2	9	0.09	25.43	0.29	0.6639
74	YU	8	f	t	t	a	e	-	4	0	0.13	15.48	0.06	0.6046
*76	HILL1	1	m	t	h	a	c	a	2	2	-0.03	10.57	0.53	0.9211
*76	HILL1	2	f	t	h	a	c	a	2	2	0.00	7.71	0.29	1.0000
Subtotal 76											-0.02	18.28	0.81	
*77	HILL2	1	m	t	h	a	c	a	2	2	0.37	8.81	0.28	0.2702
*77	HILL2	2	f	t	h	a	c	a	2	2	0.15	15.09	0.03	0.5642
Subtotal 77											0.23	23.90	0.31	
78	LOPEZC	1	c	t	t	a	e	-	1	0	-0.01	0.78	0.03	0.9950

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

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Table 31
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
79	ASOMAN	4	c	t	h	a	w	a	2	0	-0.08	5.19	0.38	0.8609
80	GALLEG	1	c	t	t	a	e	-	1	0	2.08	1.77	6.30	0.0057
*81	KURAHA	9	f	t	s	c	e	-	2	0	0.16	19.27	0.03	0.4951
83	YANG	9	c	t	t	a	e	-	b	0	0.45	35.29	2.25	0.0082
85	TSE	1	m	t	h	a	a	a	2	0	-0.03	24.32	1.16	0.8997
86	LIANG	2	f	t	t	a	a	-	2	0	0.37	30.07	0.94	0.0426
87	BRENNE	13	c	t	h	a	a	a	2	0	-0.92	25.66	31.72	0.0000
88	JIANG	8	m	t	t	a	e	-	2	0	1.27	4.71	5.43	0.0060
88	JIANG	9	f	t	t	a	e	-	2	0	0.81	11.36	4.35	0.0062
Subtotal 88											0.94	16.07	9.78	
90	KIYOHA	1	c	t	s	a	e	-	b	0	0.00	20.19	0.71	0.9823
*91	HE	1	m	t	t	a	e	-	2	0	0.37	2.14	0.07	0.5889
*91	HE	3	f	t	t	a	e	-	2	0	0.66	0.84	0.18	0.5477
Subtotal 91											0.45	2.98	0.25	
92	LIM	1	f	t	h	a	e	a	4	0	0.12	80.68	0.47	0.2971
93	LIN	1	f	t	t	a	e	-	1	0	1.05	28.64	20.99	0.0000
95	GELAC	31	m	t	s	a	e	-	2	0	1.65	0.42	0.88	0.2869
95	GELAC	19	f	t	s	a	e	-	2	0	0.38	143.04	5.13	0.0000
Subtotal 95											0.39	143.46	6.01	
96	MASJED	5	m	t	s	a	e	-	2	0	-0.36	0.44	0.13	0.8113
96	MASJED	6	f	t	s	a	e	-	2	0	0.70	8.08	2.05	0.0476
Subtotal 96											0.64	8.52	2.19	
97	REN	1	f	t	t	a	e	-	1	0	0.12	88.37	0.43	0.2479
98	SEKI	3	m	t	s	c	e	-	2	0	0.16	2.53	0.00	0.7961
98	SEKI	11	f	t	s	c	e	-	2	0	0.06	56.50	0.93	0.6290
Subtotal 98											0.07	59.03	0.93	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-0.13	13.87	1.42	0.6341
100	ILCCO	11	c	t	h	a	a	a	2	0	0.21	428.51	0.08	0.0000
101	TORRES	1	c	t	h	a	y	a	2	0	-0.12	29.70	2.89	0.5154

Relative risks

N	120
NS	94
Wt	2613.23
Het Chi	218.92
Het df	119
Het P	***
Fixed RR	1.21
RRl	1.17
RRu	1.26
P	+++
Random RR	1.23
RRl	1.16
RRu	1.31
P	+++
Asymm P	N.S.

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- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
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Table 32
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)	
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(0.38-	10.32)	
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)	
Subtotal 3																2.04	(0.91-	4.61)
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51	(0.14-	1.79)	
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)	
Subtotal 5																0.69	(0.34-	1.41)
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(0.20-	5.07)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)	
Subtotal 7																0.85	(0.34-	2.16)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)	
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50-	3.30)	
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39-	6.90)	
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08	(0.70-	23.91)	
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)	
Subtotal 15																2.60	(1.04-	6.53)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)	
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.48-	1.18)	
32	BROWN2	4	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.80-	1.20)	
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)	
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)	
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47	(0.55-	3.94)	
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)	
Subtotal 37																0.78	(0.45-	1.34)
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60	(0.67-	3.82)	
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)	
Subtotal 39																1.22	(0.75-	1.99)
40	SCHWAR	8	c	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.80-	1.60)	
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10	(0.60-	1.80)	
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)	
Subtotal 44																1.17	(0.87-	1.57)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)	
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)	
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63	(0.33-	1.22)	
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66-	1.33)	
Subtotal 63																0.86	(0.63-	1.17)
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80	(1.10-	3.00)	
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41	(0.60-	3.30)	
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)	
Subtotal 70																1.23	(0.75-	2.01)
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93	(0.39-	2.19)	
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00	(1.83-	34.92)	
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.30-	3.00)	
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40	(0.27-	0.59)	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52-	1.49)	
Partial Totals											356	95894	266	82595				

*prospective study

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- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
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Table 32
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By continent - adjusted

Europe

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30	(0.38-	4.39)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37-	2.71)
Subtotal 12																	
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70-	2.10)
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41	(0.45-	12.83)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53-	3.49)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	0.69	(0.28-	1.74)
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47	(0.81-	2.66)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88-	1.39)
Subtotal 47																	
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06-	2.21)
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50-	1.80)
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.80-	2.60)
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.91-	1.45)
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21-	1.09)
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10-	3.00)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)
Subtotal 65																	
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.38-	1.90)
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.72-	2.61)
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99	(0.11-	9.16)
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	0.71	(0.48-	1.05)
Partial Totals											107	381	29	180			
*prospective study																	

Asia

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43-	1.30)
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25	(1.05-	4.76)
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02-	2.08)
Subtotal 6																	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80	(0.39-	6.96)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93-	2.76)
Subtotal 11																	
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87-	1.94)
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87-	3.09)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77-	8.85)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49-	15.21)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)
Subtotal 23																	
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78-	1.63)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60-	0.90)
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30-	1.96)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77-	3.87)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80-	1.69)
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26-	5.10)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67	(0.22-	2.04)
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09-	5.85)
Subtotal 45																	
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31-	1.78)
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93-	3.18)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50-	2.90)
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56	(0.20-	1.40)
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)
Subtotal 57																	

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

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

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

Table 32
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By continent - adjusted

Asia											Number Exposed		Non-exposed		RR	95.00%CI	
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont			
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80 (0.67- 4.60)		
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00 (0.67- 1.49)		
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34 (0.82- 2.17)		
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38 (0.94- 2.04)		
Subtotal 66															1.36 (1.01- 1.85)		
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77 (1.07- 2.92)		
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09 (0.74- 1.61)		
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35 (0.70- 2.63)		
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26 (0.78- 2.03)		
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90 (0.57- 1.41)		
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (1.01- 2.07)		
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27 (1.23- 4.18)		
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00 (0.65- 1.55)		
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.86 (0.45- 7.73)		
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07 (0.23- 18.34)		
Subtotal 91															1.92 (0.58- 6.33)		
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12 (0.90- 1.40)		
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50 (1.66- 3.77)		
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~ (0.25- 109.12)		
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30 (1.09- 1.56)		
Subtotal 95															1.31 (1.09- 1.56)		
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~ (0.04- 13.34)		
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01 (1.01- 4.00)		
Subtotal 96															1.90 (0.97- 3.72)		
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20 (0.99- 1.46)		
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29 (0.34- 4.91)		
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31 (0.99- 1.72)		
Subtotal 98															1.31 (1.00- 1.72)		
Partial Totals											1118	1979	1100	2422			
*prospective study																~ With 0.5 adjustment for	
zero																	

Other											Number Exposed		Non-exposed		RR	95.00%CI	
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont			
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08 (0.56- 2.09)		
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00 (0.49- 2.01)		
Subtotal 76															1.04 (0.64- 1.69)		
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45 (0.75- 2.81)		
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38 (0.78- 2.41)		
Subtotal 77															1.41 (0.92- 2.16)		
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	1.20 (1.08- 1.34)		
Partial Totals											0	0	0	0			
*prospective study																	

NAmerica Europe Asia Other Total

Relative risks

N	37	22	54	5	118
NS	28	19	44	3	94
Wt	571.27	323.09	1091.01	367.69	2353.06
Het Chi	71.48	30.66	97.41	0.90	206.85
Het df	36	21	53	4	117
Het P	***	(*)	***	N.S.	***
Fixed RR	1.09	1.15	1.24	1.20	1.19
RRl	1.01	1.03	1.17	1.09	1.14
RRu	1.19	1.28	1.32	1.33	1.23
P	+	+	+++	+++	+++
Random RR	1.12	1.16	1.31	1.20	1.22
RRl	0.97	1.00	1.20	1.09	1.14
RRu	1.28	1.35	1.44	1.33	1.30
P	N.S.	(+)	+++	+++	+++
Asymm P	N.S.	N.S.	*	N.S.	(*)
Between Chi		0.51	6.01	2.02	6.40
Between df		1	1	1	3
Between P		N.S.	+	N.S.	(*)

Within each study, results are selected according to the following order of preference:
 1) EXP : s, h, t, b 4) HOU : a, other
 2) TYP : t/g, other 5) UNX : 2, 1, 4, 3, other
 3) TIM : m, a, z, y, w, f, e, x, c, p, v
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 33
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)	
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(0.38-	10.32)	
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)	
Subtotal 3																2.04	(0.91-	4.61)
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51	(0.14-	1.79)	
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)	
Subtotal 5																0.69	(0.34-	1.41)
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(0.20-	5.07)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)	
Subtotal 7																0.85	(0.34-	2.16)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)	
10	WU	2	f	a	s	e	m	-	2	0	19	33	9	22	1.41	(0.54-	3.67)	
13	BROWN1	1	f	a	t	a	e	-	4	0	4	7	15	40	1.52	(0.39-	5.96)	
15	HUMBL1	1	m	t	s	a	e	-	2	0	5	37	3	93	4.19	(0.95-	18.42)	
15	HUMBL1	3	f	t	s	a	e	-	2	0	15	91	5	71	2.34	(0.81-	6.75)	
Subtotal 15																2.85	(1.20-	6.74)
*19	BUTLER	1	f	t	s	c	m	-	2	0	3	10579	5	43052	2.44	(0.58-	10.22)	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)	
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.48-	1.18)	
32	BROWN2	3	f	t	s	a	a	-	2	0	218	598	213	568	0.97	(0.78-	1.21)	
33	STOCKW	2	f	t	s	a	e	-	7	0	44	55	18	36	1.60	(0.80-	3.19)	
36	FONTHA	5	f	t	s	a	a	-	2	0	433	766	218	487	1.26	(1.04-	1.54)	
37	LAYARD	1	m	t	s	e	e	-	2	0	6	215	15	783	1.46	(0.56-	3.80)	
37	LAYARD	3	f	t	s	e	e	-	2	0	15	961	24	969	0.63	(0.33-	1.21)	
Subtotal 37																0.82	(0.48-	1.41)
39	KABAT2	3	m	t	s	e	a	-	2	0	11	19	28	79	1.63	(0.69-	3.85)	
39	KABAT2	5	f	t	s	e	a	-	2	0	41	102	26	71	1.10	(0.62-	1.96)	
Subtotal 39																1.24	(0.77-	2.01)
40	SCHWAR	7	c	t	h	a	e	a	2	0	172	175	85	102	1.18	(0.83-	1.68)	
*44	CARDEN	11	m	t	s	c	m	-	2	0	18	19549	79	76993	0.90	(0.54-	1.50)	
*44	CARDEN	9	f	t	s	c	m	-	2	0	96	114286	54	77948	1.21	(0.87-	1.69)	
Subtotal 44																1.11	(0.84-	1.47)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)	
58	JOHNSO	7	f	t	h	a	e	a	2	0	54	543	17	218	1.28	(0.72-	2.25)	
*63	ENSTRO	3	m	t	s	c	e	-	2	1	-	-	-	-	0.75	(0.42-	1.35)	
*63	ENSTRO	9	f	t	s	c	e	-	2	1	-	-	-	-	0.99	(0.72-	1.37)	
Subtotal 63																0.93	(0.70-	1.23)
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80	(1.10-	3.00)	
70	GORLOV	13	m	t	h	a	e	a	4	0	36	25	27	25	1.33	(0.63-	2.81)	
70	GORLOV	14	f	t	h	a	e	a	4	0	92	89	38	48	1.31	(0.78-	2.19)	
Subtotal 70																1.31	(0.86-	2.01)
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93	(0.39-	2.19)	
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00	(1.83-	34.92)	
83	YANG	9	c	t	t	a	e	-	b	0	198	173	99	135	1.56	(1.12-	2.17)	
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40	(0.27-	0.59)	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52-	1.49)	
Partial Totals											1836	244197	1244	284335				

*prospective study

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

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

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

Table 33
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By continent - unadjusted

Europe

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)	
12	LEE	3	m	t	s	c	m	-	2	0	8	14	7	16	1.31	(0.38-	4.52)	
12	LEE	5	f	t	s	c	m	-	2	0	22	45	10	21	1.03	(0.41-	2.55)	
Subtotal 12																1.12	(0.54-	2.33)
18	PERSHA	1	f	t	s	a	m	-	2	0	37	153	33	141	1.03	(0.61-	1.74)	
*24	HOLE	1	m	t	h	a	e	b	6	0	2	243	1	428	3.52	(0.32-	38.65)	
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89	(0.22-	16.12)	
Subtotal 24																2.49	(0.50-	12.31)
26	SVENSS	1	f	t	t	a	a	-	1	0	24	114	10	60	1.26	(0.57-	2.81)	
28	KALAND	2	f	t	s	a	m	-	2	0	64	70	26	46	1.62	(0.90-	2.91)	
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)	
46	AUVINE	1	m	t	t	a	e	-	2	0	17	81	27	148	1.15	(0.59-	2.24)	
47	BOFFET	6	m	t	s	a	e	-	2	0	23	68	118	462	1.32	(0.79-	2.21)	
47	BOFFET	8	f	t	s	a	e	-	2	0	321	632	187	376	1.02	(0.82-	1.27)	
Subtotal 47																1.06	(0.87-	1.30)
49	ZARIDZ	3	f	t	s	a	e	-	2	0	109	163	80	195	1.63	(1.14-	2.33)	
50	BOFFE2	11	c	a	s	a	a	-	2	0	33	75	37	103	1.22	(0.70-	2.14)	
56	MALATS	11	c	t	s	a	e	-	2	0	58	42	64	79	1.70	(1.02-	2.86)	
59	LAGARD	5	c	t	h	a	a	a	2	0	179	611	254	997	1.15	(0.93-	1.43)	
64	ZATLOU	3	f	g	t	a	a	-	2	0	7	155	77	734	0.43	(0.19-	0.95)	
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10-	3.00)	
65	IARCKR	1	f	t	s	a	a	-	2	0	-	-	-	-	0.90	(0.60-	1.40)	
Subtotal 65																0.86	(0.57-	1.29)
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.38-	1.90)	
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.72-	2.61)	
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99	(0.11-	9.16)	
101	TORRES	1	c	t	h	a	y	a	2	0	81	148	111	180	0.89	(0.62-	1.27)	
Partial Totals											1097	4290	1072	4655				
*prospective study																		

Asia

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

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

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

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

Table 33
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Both sexes
 By continent - unadjusted

Asia											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
57	WANGL	35	f	t	h	a	a	a	2	0	169	337	31	70	1.13 (0.71- 1.80)	
Subtotal 57															1.01 (0.68- 1.51)	
*60	NISHIN	1	f	t	s	a	c	-	2	0	11	30566	13	43361	1.20 (0.54- 2.68)	
61	OHNO	5	f	t	s	a	e	-	2	0	139	239	52	90	1.01 (0.67- 1.50)	
66	MCGHEE	5	m	t	h	c	p	a	2	0	33	71	112	347	1.44 (0.90- 2.29)	
66	MCGHEE	6	f	t	h	c	p	a	2	0	96	150	83	195	1.50 (1.05- 2.16)	
Subtotal 66															1.48 (1.11- 1.97)	
68	FANG	1	f	t	t	a	e	-	2	1	-	-	-	-	2.74 (1.82- 4.14)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09 (0.74- 1.61)	
74	YU	8	f	t	t	a	e	-	4	0	183	246	30	46	1.14 (0.69- 1.88)	
*81	KURAHA	9	f	t	s	c	e	-	2	0	84	280346	25	97466	1.17 (0.75- 1.83)	
85	TSE	1	m	t	h	a	a	a	2	0	47	194	85	342	0.97 (0.66- 1.45)	
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (1.01- 2.07)	
88	JIANG	8	m	t	t	a	e	-	2	0	23	10	24	37	3.55 (1.44- 8.75)	
88	JIANG	9	f	t	t	a	e	-	2	0	67	48	31	50	2.25 (1.26- 4.03)	
Subtotal 88															2.57 (1.58- 4.19)	
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00 (0.65- 1.55)	
*91	HE	1	m	t	t	a	e	-	2	0	7	271	3	168	1.45 (0.38- 5.52)	
*91	HE	3	f	t	t	a	e	-	2	0	5	340	1	131	1.93 (0.23- 16.33)	
Subtotal 91															1.57 (0.50- 4.88)	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12 (0.90- 1.40)	
93	LIN	1	f	t	t	a	e	-	1	0	135	92	91	177	2.85 (1.98- 4.12)	
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~(0.25- 109.12)	
95	GELAC	19	f	t	s	a	e	-	2	0	571	461	601	711	1.47 (1.24- 1.73)	
Subtotal 95															1.47 (1.25- 1.73)	
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~(0.04- 13.34)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01 (1.01- 4.00)	
Subtotal 96															1.90 (0.97- 3.72)	
97	REN	1	f	t	t	a	e	-	1	0	551	684	213	299	1.13 (0.92- 1.39)	
98	SEKI	3	m	t	s	c	e	-	2	0	3	22	67	578	1.18 (0.34- 4.03)	
98	SEKI	11	f	t	s	c	e	-	2	0	193	1170	99	640	1.07 (0.82- 1.38)	
Subtotal 98															1.07 (0.83- 1.38)	
Partial Totals											5040	390233	3595	189951		
*prospective study zero															~ With 0.5 adjustment for	
Other																
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
*76	HILL1	1	m	t	h	a	c	a	2	2	-	-	-	-	0.97 (0.53- 1.77)	
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00 (0.49- 2.01)	
Subtotal 76															0.98 (0.62- 1.55)	
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45 (0.75- 2.81)	
*77	HILL2	2	f	t	h	a	c	a	2	2	-	-	-	-	1.16 (0.70- 1.92)	
Subtotal 77															1.26 (0.84- 1.88)	
100	ILCCO	11	c	t	h	a	a	a	2	0	1228	3366	1061	3575	1.23 (1.12- 1.35)	
Partial Totals											1228	3366	1061	3575		
*prospective study																

NAmerica Europe Asia Other Total

Relative risks

N	37	23	55	5	120
NS	28	19	44	3	94
Wt	604.85	371.55	1166.14	470.69	2613.23
Het Chi	69.13	27.98	110.39	1.19	218.92
Het df	36	22	54	4	119
Het P	***	N.S.	***	N.S.	***
Fixed RR	1.10	1.16	1.29	1.22	1.21
RR1	1.02	1.05	1.22	1.11	1.17
RRu	1.20	1.28	1.36	1.34	1.26
P	+	++	+++	+++	+++
Random RR	1.12	1.18	1.33	1.22	1.23
RR1	0.99	1.04	1.21	1.11	1.16
RRu	1.27	1.34	1.46	1.34	1.31
P	(+)	+	+++	+++	+++
Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.

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

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

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

Table 33
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Both sexes

	NAmerica	Europe	By continent - unadjusted		
			Asia	Other	Total
Relative risks					
Between Chi		0.52	9.34	2.61	10.23
Between df		1	1	1	3
Between P		N.S.	++	N.S.	*

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

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

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

Table 34
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By country within Asia - adjusted

Japan											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25 (1.05- 4.76)	
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45 (1.02- 2.08)	
Subtotal 6															1.57 (1.14- 2.17)	
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80 (0.39- 6.96)	
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50 (0.93- 2.76)	
Subtotal 11															1.53 (0.92- 2.55)	
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25 (0.77- 8.85)	
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08 (0.64- 1.82)	
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13 (0.78- 1.63)	
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80 (0.67- 4.60)	
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00 (0.67- 1.49)	
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26 (0.78- 2.03)	
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00 (0.65- 1.55)	
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29 (0.34- 4.91)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31 (0.99- 1.72)	
Subtotal 98															1.31 (1.00- 1.72)	
Partial Totals											151	226	92	146		

*prospective study

HongKong											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75 (0.43- 1.30)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (1.09- 3.72)	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64 (0.87- 3.09)	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65 (1.16- 2.35)	
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34 (0.82- 2.17)	
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38 (0.94- 2.04)	
Subtotal 66															1.36 (1.01- 1.85)	
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35 (0.70- 2.63)	
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90 (0.57- 1.41)	
Partial Totals											186	282	157	336		

*prospective study

China											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30 (0.87- 1.94)	
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16 (1.08- 4.29)	
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70 (0.60- 0.90)	
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77 (0.30- 1.96)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09 (0.64- 1.85)	
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72 (0.77- 3.87)	
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16 (0.80- 1.69)	
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53 (1.26- 5.10)	
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11 (0.67- 1.84)	
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67 (0.22- 2.04)	
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52 (1.09- 5.85)	
Subtotal 45															1.56 (0.80- 3.06)	
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75 (0.31- 1.78)	
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10 (0.80- 1.50)	
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56 (0.20- 1.40)	
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03 (0.60- 1.70)	
Subtotal 57															0.90 (0.57- 1.42)	
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77 (1.07- 2.92)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09 (0.74- 1.61)	
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (1.01- 2.07)	
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27 (1.23- 4.18)	
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.86 (0.45- 7.73)	
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07 (0.23- 18.34)	
Subtotal 91															1.92 (0.58- 6.33)	
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50 (1.66- 3.77)	
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20 (0.99- 1.46)	
Partial Totals											507	743	229	441		

*prospective study

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

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

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

Table 34
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Both sexes
 By country within Asia - adjusted

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49-	15.21)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)
Subtotal 23																	
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93-	3.18)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50-	2.90)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(0.90-	1.40)
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~	(0.25-	109.12)
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09-	1.56)
Subtotal 95																	
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~	(0.04-	13.34)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)
Subtotal 96																	
Partial Totals											274	728	622	1499			
*prospective study zero																	
~ With 0.5 adjustment for																	

	Japan	HongKong	China	Other	Total
Relative risks					
N	13	8	23	10	54
NS	10	7	20	7	44
Wt	214.58	132.37	478.58	265.49	1091.01
Het Chi	7.94	10.61	64.68	9.80	97.41
Het df	12	7	22	9	53
Het P	N.S.	N.S.	***	N.S.	***
Fixed RR	1.26	1.32	1.16	1.34	1.24
RRl	1.11	1.12	1.06	1.19	1.17
RRu	1.45	1.57	1.27	1.51	1.32
P	+++	++	++	+++	+++
Random RR	1.26	1.31	1.29	1.37	1.31
RRl	1.11	1.06	1.08	1.19	1.20
RRu	1.45	1.63	1.54	1.57	1.44
P	+++	+	++	+++	+++
Asymm P	N.S.	N.S.	N.S.	N.S.	*
Between Chi		0.17	1.09	0.41	4.39
Between df		1	1	1	3
Between P		N.S.	N.S.	N.S.	N.S.

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

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

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

Table 35
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By region within Europe - adjusted

Western

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30	(0.38-	4.39)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37-	2.71)
Subtotal 12																	
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70-	2.10)
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41	(0.45-	12.83)
26	SVENSS	5	f	t	t	a	e	-	1	1	-	-	-	-	1.36	(0.53-	3.49)
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	0.69	(0.28-	1.74)
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47	(0.81-	2.66)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88-	1.39)
Subtotal 47																	
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.91-	1.45)
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10-	3.00)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)
Subtotal 65																	
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.38-	1.90)
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.72-	2.61)
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99	(0.11-	9.16)
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	0.71	(0.48-	1.05)
Partial Totals											35	141	1	4			

*prospective study

Other

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06-	2.21)
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50-	1.80)
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.80-	2.60)
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21-	1.09)
Partial Totals											72	240	28	176			

*prospective study

Western	Other	Total
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Relative risks

N	15	7	22
NS	12	7	19
Wt	243.88	79.21	323.09
Het Chi	11.70	12.15	30.66
Het df	14	6	21
Het P	N.S.	(*)	(*)
Fixed RR	1.06	1.48	1.15
RRl	0.93	1.19	1.03
RRu	1.20	1.85	1.28
P	N.S.	+++	+
Random RR	1.06	1.45	1.16
RRl	0.93	1.03	1.00
RRu	1.20	2.02	1.35
P	N.S.	+	(+)
Asymm P	N.S.	N.S.	N.S.
Between Chi		6.80	6.80
Between df		1	1
Between P		++	**

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

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

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

Table 36
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By publication year (4 groups) - adjusted

1981-89

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)	
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43-	1.30)	
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(0.38-	10.32)	
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)	
Subtotal 3																2.04	(0.91-	4.61)
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)	
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51	(0.14-	1.79)	
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)	
Subtotal 5																0.69	(0.34-	1.41)
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25	(1.05-	4.76)	
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02-	2.08)	
Subtotal 6																1.57	(1.14-	2.17)
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(0.20-	5.07)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)	
Subtotal 7																0.85	(0.34-	2.16)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)	
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50-	3.30)	
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80	(0.39-	6.96)	
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93-	2.76)	
Subtotal 11																1.53	(0.92-	2.55)
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30	(0.38-	4.39)	
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37-	2.71)	
Subtotal 12																1.11	(0.51-	2.40)
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39-	6.90)	
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87-	1.94)	
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08	(0.70-	23.91)	
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)	
Subtotal 15																2.60	(1.04-	6.53)
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87-	3.09)	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)	
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70-	2.10)	
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)	
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)	
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77-	8.85)	
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)	
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49-	15.21)	
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)	
Subtotal 23																1.71	(1.00-	2.93)
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41	(0.45-	12.83)	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)	
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53-	3.49)	
Partial Totals											627	96085	430	83051				
*prospective study																		

1990-99

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.48-	1.18)	
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)	
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78-	1.63)	
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60-	0.90)	
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30-	1.96)	
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.20)	
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)	
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77-	3.87)	
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)	
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47	(0.55-	3.94)	
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)	
Subtotal 37																0.78	(0.45-	1.34)
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)	
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60	(0.67-	3.82)	
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)	
Subtotal 39																1.22	(0.75-	1.99)
40	SCHWAR	8	c	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.80-	1.60)	
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80-	1.69)	

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

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

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

Table 36
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By publication year (4 groups) - adjusted

1990-99

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26-	5.10)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10	(0.60-	1.80)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)
Subtotal 44																	
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67	(0.22-	2.04)
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09-	5.85)
Subtotal 45																	
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	0.69	(0.28-	1.74)
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47	(0.81-	2.66)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88-	1.39)
Subtotal 47																	
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31-	1.78)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06-	2.21)
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50-	1.80)
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93-	3.18)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50-	2.90)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)
Partial Totals											351	677	128	326			

*prospective study

2000-09

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.80-	2.60)
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56	(0.20-	1.40)
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)
Subtotal 57																	
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.91-	1.45)
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(0.67-	4.60)
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63	(0.33-	1.22)
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66-	1.33)
Subtotal 63																	
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21-	1.09)
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10-	3.00)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)
Subtotal 65																	
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34	(0.82-	2.17)
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94-	2.04)
Subtotal 66																	
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.38-	1.90)
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(1.07-	2.92)
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80	(1.10-	3.00)
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41	(0.60-	3.30)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)
Subtotal 70																	
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.72-	2.61)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70-	2.63)
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08	(0.56-	2.09)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49-	2.01)
Subtotal 76																	
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45	(0.75-	2.81)
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(0.78-	2.41)
Subtotal 77																	
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99	(0.11-	9.16)
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93	(0.39-	2.19)
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00	(1.83-	34.92)
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78-	2.03)
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.30-	3.00)
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90	(0.57-	1.41)
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(1.01-	2.07)
Partial Totals											231	476	97	214			

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

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

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

Table 36
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Both sexes
 By publication year (4 groups) - adjusted

2000-09

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI	
*prospective study																	
2010 onwards																	
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40	(0.27- 0.59)	
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.23- 4.18)	
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00	(0.65- 1.55)	
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.86	(0.45- 7.73)	
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07	(0.23- 18.34)	
Subtotal 91																1.92	(0.58- 6.33)
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(0.90- 1.40)	
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66- 3.77)	
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22	(0.25- 109.12)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09- 1.56)	
Subtotal 95																1.31	(1.09- 1.56)
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70	(0.04- 13.34)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01- 4.00)	
Subtotal 96																1.90	(0.97- 3.72)
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(0.99- 1.46)	
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29	(0.34- 4.91)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99- 1.72)	
Subtotal 98																1.31	(1.00- 1.72)
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52- 1.49)	
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.08- 1.34)	
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	0.71	(0.48- 1.05)	
Partial Totals											372	1016	740	1606			
*prospective study																	
zero																	
~ With 0.5 adjustment for																	

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

Relative risks

N	34	33	34	17	118
NS	26	28	27	13	94
Wt	325.77	713.48	499.51	814.31	2353.06
Het Chi	27.78	56.70	47.91	61.62	206.85
Het df	33	32	33	16	117
Het P	N.S.	**	*	***	***
Fixed RR	1.38	1.09	1.22	1.18	1.19
RRl	1.24	1.01	1.12	1.10	1.14
RRu	1.54	1.17	1.33	1.27	1.23
P	+++	+	+++	+++	+++
Random RR	1.38	1.15	1.21	1.17	1.22
RRl	1.24	1.02	1.08	0.98	1.14
RRu	1.54	1.28	1.36	1.40	1.30
P	+++	+	+++	(+)	+++
Asymm P	N.S.	(*)	N.S.	N.S.	(*)
Between Chi		12.34	2.96	5.37	12.85
Between df		1	1	1	3
Between P		---	(-)	-	**

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

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

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

Table 37
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By publication year (8 groups) - adjusted

1981-86

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

*prospective study

1987-89

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39-	6.90)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87-	1.94)
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08	(0.70-	23.91)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)
Subtotal 15																	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87-	3.09)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70-	2.10)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77-	8.85)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49-	15.21)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)
Subtotal 23																	
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41	(0.45-	12.83)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53-	3.49)
Partial Totals											252	378	179	473			

*prospective study

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

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

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

Table 37
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By publication year (8 groups) - adjusted

1990-94

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI			
											Case	Cont	Case	Cont					
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.48-	1.18)		
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)		
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78-	1.63)		
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60-	0.90)		
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30-	1.96)		
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.20)		
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)		
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)		
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77-	3.87)		
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)		
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47	(0.55-	3.94)		
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)		
Subtotal 37																0.78	(0.45-	1.34)	
Partial Totals												47	154	28	100				
*prospective study																			

1995-98

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

1999-2002

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI			
											Case	Cont	Case	Cont					
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50-	1.80)		
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93-	3.18)		
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50-	2.90)		
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)		
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)		
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)		
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.80-	2.60)		
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56	(0.20-	1.40)		
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)		
Subtotal 57																0.90	(0.57-	1.42)	
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)		
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.91-	1.45)		
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(0.67-	4.60)		
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)		
Partial Totals												0	0	0	0				
*prospective study																			

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

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

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

Table 37
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By publication year (8 groups) - adjusted

2003-06

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63	(0.33-	1.22)
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66-	1.33)
Subtotal 63																	
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21-	1.09)
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10-	3.00)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)
Subtotal 65																	
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34	(0.82-	2.17)
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94-	2.04)
Subtotal 66																	
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.38-	1.90)
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(1.07-	2.92)
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80	(1.10-	3.00)
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41	(0.60-	3.30)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)
Subtotal 70																	
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.72-	2.61)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70-	2.63)
Partial Totals											0	0	0	0			

*prospective study

2007-10

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08	(0.56-	2.09)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49-	2.01)
Subtotal 76																	
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45	(0.75-	2.81)
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(0.78-	2.41)
Subtotal 77																	
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99	(0.11-	9.16)
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93	(0.39-	2.19)
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00	(1.83-	34.92)
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78-	2.03)
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.30-	3.00)
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90	(0.57-	1.41)
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(1.01-	2.07)
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40	(0.27-	0.59)
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.23-	4.18)
Partial Totals											281	723	198	413			

*prospective study

2011 onwards

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00	(0.65-	1.55)
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.86	(0.45-	7.73)
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07	(0.23-	18.34)
Subtotal 91																	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(0.90-	1.40)
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66-	3.77)
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~	(0.25-	109.12)
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09-	1.56)
Subtotal 95																	
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~	(0.04-	13.34)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)
Subtotal 96																	
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(0.99-	1.46)
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29	(0.34-	4.91)
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99-	1.72)
Subtotal 98																	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52-	1.49)
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.08-	1.34)
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	0.71	(0.48-	1.05)
Partial Totals											322	769	639	1407			

*prospective study

zero ~ With 0.5 adjustment for

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

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

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

Table 37
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14

		By publication year (8 groups) - adjusted								
		Both sexes								
		1981-86	1987-89	1990-94	1995-98	1999-2002	2003-06	2007-10	2011 onwa	Total
Relative risks										
	N	18	16	12	16	13	15	13	15	118
	NS	12	14	11	12	12	11	11	11	94
	Wt	175.80	149.96	371.19	277.24	230.15	201.65	168.70	778.36	2353.06
	Het Chi	17.53	9.48	31.39	16.31	12.31	21.03	51.07	26.35	206.85
	Het df	17	15	11	15	12	14	12	14	117
	Het P	N.S.	N.S.	***	N.S.	N.S.	N.S.	***	*	***
Fixed	RR	1.32	1.45	0.99	1.21	1.21	1.13	1.15	1.22	1.19
	RRl	1.14	1.24	0.89	1.08	1.07	0.99	0.99	1.13	1.14
	RRu	1.53	1.70	1.10	1.37	1.38	1.30	1.34	1.30	1.23
	P	+++	+++	N.S.	++	++	(+)	(+)	+++	+++
Random	RR	1.32	1.45	1.05	1.22	1.22	1.12	1.25	1.23	1.22
	RRl	1.13	1.24	0.85	1.07	1.06	0.94	0.89	1.08	1.14
	RRu	1.54	1.70	1.29	1.39	1.39	1.34	1.75	1.39	1.30
	P	+++	+++	N.S.	++	++	N.S.	N.S.	++	+++
Asymm	P	N.S.	*	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	(*)
Between	Chi		0.77	9.69	0.72	0.65	2.09	1.50	0.91	21.39
Between	df		1	1	1	1	1	1	1	7
Between	P		N.S.	--	N.S.	N.S.	N.S.	N.S.	N.S.	**

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

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

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

Table 38
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

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

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(0.38-	10.32)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)
Subtotal 3																	
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51	(0.14-	1.79)
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)
Subtotal 5																	
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50-	3.30)
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30	(0.38-	4.39)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37-	2.71)
Subtotal 12																	
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39-	6.90)
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08	(0.70-	23.91)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)
Subtotal 15																	
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77-	8.85)
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41	(0.45-	12.83)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53-	3.49)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77-	3.87)
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47	(0.55-	3.94)
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)
Subtotal 37																	
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50-	2.90)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(0.67-	4.60)
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.38-	1.90)
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.72-	2.61)
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99	(0.11-	9.16)
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00	(1.83-	34.92)
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.86	(0.45-	7.73)
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07	(0.23-	18.34)
Subtotal 91																	
Partial Totals											138	662	35	411	1.92	(0.58-	6.33)
*prospective study																	

50-99

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43-	1.30)
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(0.20-	5.07)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)
Subtotal 7																	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80	(0.39-	6.96)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93-	2.76)
Subtotal 11																	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87-	3.09)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70-	2.10)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49-	15.21)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)
Subtotal 23																	
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30-	1.96)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60	(0.67-	3.82)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)
Subtotal 39																	
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26-	5.10)
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67	(0.22-	2.04)
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09-	5.85)
Subtotal 45																	
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31-	1.78)
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50-	1.80)

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

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

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

Table 38
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

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

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
50-99																		
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93-	3.18)	
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)	
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21-	1.09)	
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80	(1.10-	3.00)	
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08	(0.56-	2.09)	
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49-	2.01)	
Subtotal 76																1.04	(0.64-	1.69)
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93	(0.39-	2.19)	
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.23-	4.18)	
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00	(0.65-	1.55)	
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70	(0.04-	13.34)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)	
Subtotal 96																1.90	(0.97-	3.72)
Partial Totals											664	1219	414	1145				
*prospective study zero																		~ With 0.5 adjustment for
100-199																		
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)	
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)	
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.48-	1.18)	
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78-	1.63)	
40	SCHWAR	8	c	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.80-	1.60)	
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)	
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06-	2.21)	
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.80-	2.60)	
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)	
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63	(0.33-	1.22)	
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66-	1.33)	
Subtotal 63																0.86	(0.63-	1.17)
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10-	3.00)	
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)	
Subtotal 65																0.76	(0.48-	1.20)
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34	(0.82-	2.17)	
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94-	2.04)	
Subtotal 66																1.36	(1.01-	1.85)
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(1.07-	2.92)	
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41	(0.60-	3.30)	
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)	
Subtotal 70																1.23	(0.75-	2.01)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)	
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45	(0.75-	2.81)	
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(0.78-	2.41)	
Subtotal 77																1.41	(0.92-	2.16)
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78-	2.03)	
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.30-	3.00)	
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40	(0.27-	0.59)	
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	0.71	(0.48-	1.05)	
Partial Totals											436	95622	336	82435				
*prospective study																		

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

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

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

Table 38
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

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

200-399

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25	(1.05-	4.76)	
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02-	2.08)	
Subtotal 6																		
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87-	1.94)	
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)	
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80-	1.69)	
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10	(0.60-	1.80)	
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)	
Subtotal 44																		
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)	
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56	(0.20-	1.40)	
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)	
Subtotal 57																		
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.91-	1.45)	
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70-	2.63)	
86	LIANG	2	f	t	t	a	a	e	-	2	0	141	149	85	130	1.45	(1.01-	2.07)
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66-	3.77)	
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29	(0.34-	4.91)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99-	1.72)	
Subtotal 98																		
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52-	1.49)	
Partial Totals											141	149	85	130				

*prospective study

400+

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60-	0.90)	
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.20)	
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)	
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47	(0.81-	2.66)	
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88-	1.39)	
Subtotal 47																		
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(0.90-	1.40)	
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22	(0.25-	109.12)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09-	1.56)	
Subtotal 95																		
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(0.99-	1.46)	
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.08-	1.34)	
Partial Totals											202	602	525	1076				

*prospective study

zero ~ With 0.5 adjustment for

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

Relative risks

N	27	34	27	17	11	116
NS	21	27	22	13	9	92
Wt	93.58	287.47	536.25	386.71	1025.71	2329.73
Het Chi	24.61	43.45	65.63	24.11	29.97	204.05
Het df	26	33	26	16	10	115
Het P	N.S.	N.S.	***	(*)	***	***
Fixed RR	1.35	1.35	1.11	1.33	1.13	1.19
RRl	1.10	1.20	1.02	1.21	1.06	1.14
RRu	1.66	1.51	1.21	1.47	1.20	1.24
P	++	+++	+	+++	+++	+++
Random RR	1.35	1.35	1.11	1.34	1.11	1.23
RRl	1.10	1.17	0.97	1.18	0.99	1.15
RRu	1.66	1.54	1.28	1.53	1.26	1.31
P	++	+++	N.S.	+++	(+)	+++
Asymm P	*	N.S.	N.S.	N.S.	N.S.	*
Between Chi		0.00	3.08	0.02	2.83	16.29
Between df		1	1	1	1	4
Between P		N.S.	(-)	N.S.	(-)	**

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

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

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

Table 39
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

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

1-49											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97 (0.38- 10.32)	
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07 (0.81- 5.25)	
Subtotal 3															2.04 (0.91- 4.61)	
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20 (0.50- 3.30)	
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30 (0.38- 4.39)	
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00 (0.37- 2.71)	
Subtotal 12															1.11 (0.51- 2.40)	
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68 (0.39- 6.90)	
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08 (0.70- 23.91)	
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20 (0.76- 6.56)	
Subtotal 15															2.60 (1.04- 6.53)	
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02 (0.48- 8.56)	
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25 (0.77- 8.85)	
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41 (0.45- 12.83)	
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36 (0.53- 3.49)	
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72 (0.77- 3.87)	
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57 (0.84- 7.85)	
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	0.69 (0.28- 1.74)	
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50 (0.30- 6.30)	
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80 (0.67- 4.60)	
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37 (0.72- 2.61)	
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99 (0.11- 9.16)	
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00 (1.83- 34.92)	
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.86 (0.45- 7.73)	
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07 (0.23- 18.34)	
Subtotal 91															1.92 (0.58- 6.33)	
Partial Totals											100	442	21	345		
*prospective study																

50-99											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75 (0.43- 1.30)	
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08 (1.20- 3.59)	
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51 (0.14- 1.79)	
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80 (0.34- 1.90)	
Subtotal 5															0.69 (0.34- 1.41)	
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00 (0.20- 5.07)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79 (0.25- 2.45)	
Subtotal 7															0.85 (0.34- 2.16)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (1.09- 3.72)	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64 (0.87- 3.09)	
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20 (0.70- 2.10)	
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16 (1.08- 4.29)	
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08 (0.64- 1.82)	
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73 (0.49- 15.21)	
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63 (0.92- 2.87)	
Subtotal 23															1.71 (1.00- 2.93)	
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11 (1.09- 4.08)	
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77 (0.30- 1.96)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09 (0.64- 1.85)	
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47 (0.55- 3.94)	
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58 (0.30- 1.13)	
Subtotal 37															0.78 (0.45- 1.34)	
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53 (1.26- 5.10)	
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67 (0.22- 2.04)	
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52 (1.09- 5.85)	
Subtotal 45															1.56 (0.80- 3.06)	
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75 (0.31- 1.78)	
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00 (0.50- 1.80)	
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72 (0.93- 3.18)	
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20 (0.50- 2.90)	
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20 (0.62- 2.30)	
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48 (0.21- 1.09)	
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	0.84 (0.38- 1.90)	
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80 (1.10- 3.00)	
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70 (0.04- 13.34)	

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

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

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

Table 39
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Both sexes

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

											Number Exposed		Non-exposed				
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)
Subtotal 96															1.90	(0.97-	3.72)
Partial Totals											578	1208	365	1105			
*prospective study											~ With 0.5 adjustment for						
zero																	
100-199											Number Exposed		Non-exposed				
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI	
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80	(0.39-	6.96)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93-	2.76)
Subtotal 11															1.53	(0.92-	2.55)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.48-	1.18)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78-	1.63)
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60	(0.67-	3.82)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)
Subtotal 39															1.22	(0.75-	1.99)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06-	2.21)
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.80-	2.60)
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10-	3.00)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)
Subtotal 65															0.76	(0.48-	1.20)
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(1.07-	2.92)
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41	(0.60-	3.30)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)
Subtotal 70															1.23	(0.75-	2.01)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08	(0.56-	2.09)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49-	2.01)
Subtotal 76															1.04	(0.64-	1.69)
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93	(0.39-	2.19)
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78-	2.03)
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90	(0.57-	1.41)
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40	(0.27-	0.59)
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.23-	4.18)
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00	(0.65-	1.55)
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	0.71	(0.48-	1.05)
Partial Totals											560	95853	399	82541			
*prospective study																	
200-399											Number Exposed		Non-exposed				
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI	
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25	(1.05-	4.76)
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02-	2.08)
Subtotal 6															1.57	(1.14-	2.17)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87-	1.94)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)
40	SCHWAR	8	c	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.80-	1.60)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80-	1.69)
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10	(0.60-	1.80)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)
Subtotal 44															1.17	(0.87-	1.57)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56	(0.20-	1.40)
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)
Subtotal 57															0.90	(0.57-	1.42)
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63	(0.33-	1.22)
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66-	1.33)
Subtotal 63															0.86	(0.63-	1.17)
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34	(0.82-	2.17)
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94-	2.04)

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

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

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

Table 39
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

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

200-399

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
Subtotal 66																		
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.36 (1.01- 1.85)			
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.35 (0.70- 2.63)			
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.45 (0.75- 2.81)			
Subtotal 77																		
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	1.38 (0.78- 2.41)			
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.41 (0.92- 2.16)			
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.00 (1.30- 3.00)			
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	1.45 (1.01- 2.07)			
Partial Totals												141	149	85	130	2.50 (1.66- 3.77)		
*prospective study																0.88 (0.52- 1.49)		

400+

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70 (0.60- 0.90)			
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00 (0.80- 1.20)			
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29 (1.04- 1.60)			
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47 (0.81- 2.66)			
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11 (0.88- 1.39)			
Subtotal 47																		
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.15 (0.93- 1.42)			
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.10 (0.80- 1.50)			
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.15 (0.91- 1.45)			
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	1.12 (0.90- 1.40)			
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	5.22~ (0.25- 109.12)			
Subtotal 95																		
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.30 (1.09- 1.56)			
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.31 (1.09- 1.56)			
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.20 (0.99- 1.46)			
Subtotal 98																		
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	1.29 (0.34- 4.91)			
Partial Totals												202	602	525	1076	1.31 (1.00- 1.72)		
*prospective study																1.20 (1.08- 1.34)		
~ With 0.5 adjustment for zero																		

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

Relative risks

N		22	31	29	22	14	118
NS		18	25	24	16	11	94
Wt		66.98	235.38	481.35	420.34	1149.02	2353.06
Het Chi		12.93	47.05	59.91	36.32	31.09	206.85
Het df		21	30	28	21	13	117
Het P		N.S.	*	***	*	**	***
Fixed RR		1.63	1.30	1.09	1.33	1.14	1.19
RRl		1.28	1.14	1.00	1.21	1.07	1.14
RRu		2.07	1.47	1.19	1.46	1.20	1.23
P		+++	+++	(+)	+++	+++	+++
Random RR		1.63	1.27	1.10	1.32	1.13	1.22
RRl		1.28	1.08	0.96	1.16	1.02	1.14
RRu		2.07	1.50	1.26	1.50	1.25	1.30
P		+++	++	N.S.	+++	+	+++
Asymm P		(*)	N.S.	N.S.	N.S.	N.S.	(*)
Between Chi			2.72	9.58	2.42	8.19	19.56
Between df			1	1	1	1	4
Between P			(-)	--	N.S.	--	***

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

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

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

Table 40
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By full histological confirmation or not - adjusted

No											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17 (0.85- 1.61)	
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75 (0.43- 1.30)	
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97 (0.38- 10.32)	
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07 (0.81- 5.25)	
Subtotal 3															2.04 (0.91- 4.61)	
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08 (1.20- 3.59)	
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25 (1.05- 4.76)	
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45 (1.02- 2.08)	
Subtotal 6															1.57 (1.14- 2.17)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (1.09- 3.72)	
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80 (0.39- 6.96)	
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50 (0.93- 2.76)	
Subtotal 11															1.53 (0.92- 2.55)	
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30 (0.38- 4.39)	
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00 (0.37- 2.71)	
Subtotal 12															1.11 (0.51- 2.40)	
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30 (0.87- 1.94)	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64 (0.87- 3.09)	
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20 (0.70- 2.10)	
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16 (1.08- 4.29)	
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25 (0.77- 8.85)	
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73 (0.49- 15.21)	
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63 (0.92- 2.87)	
Subtotal 23															1.71 (1.00- 2.93)	
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41 (0.45- 12.83)	
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36 (0.53- 3.49)	
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11 (1.09- 4.08)	
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70 (0.60- 0.90)	
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77 (0.30- 1.96)	
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00 (0.80- 1.20)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09 (0.64- 1.85)	
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72 (0.77- 3.87)	
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47 (0.55- 3.94)	
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58 (0.30- 1.13)	
Subtotal 37															0.78 (0.45- 1.34)	
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57 (0.84- 7.85)	
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11 (0.67- 1.84)	
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10 (0.60- 1.80)	
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20 (0.80- 1.60)	
Subtotal 44															1.17 (0.87- 1.57)	
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67 (0.22- 2.04)	
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52 (1.09- 5.85)	
Subtotal 45															1.56 (0.80- 3.06)	
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	0.69 (0.28- 1.74)	
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47 (0.81- 2.66)	
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11 (0.88- 1.39)	
Subtotal 47															1.15 (0.93- 1.42)	
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72 (0.93- 3.18)	
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20 (0.50- 2.90)	
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10 (0.80- 1.50)	
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56 (0.20- 1.40)	
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03 (0.60- 1.70)	
Subtotal 57															0.90 (0.57- 1.42)	
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80 (0.67- 4.60)	
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63 (0.33- 1.22)	
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94 (0.66- 1.33)	
Subtotal 63															0.86 (0.63- 1.17)	
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34 (0.82- 2.17)	
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38 (0.94- 2.04)	
Subtotal 66															1.36 (1.01- 1.85)	
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	0.84 (0.38- 1.90)	
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37 (0.72- 2.61)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09 (0.74- 1.61)	
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08 (0.56- 2.09)	
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00 (0.49- 2.01)	
Subtotal 76															1.04 (0.64- 1.69)	
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45 (0.75- 2.81)	

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

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

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

Table 40
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

By full histological confirmation or not - adjusted

No

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(0.78-	2.41)
Subtotal 77																	
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.41	(0.92-	2.16)
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.26	(0.78-	2.03)
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	1.86	(0.45-	7.73)
Subtotal 91																	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(0.90-	1.40)
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29	(0.34-	4.91)
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99-	1.72)
Subtotal 98																	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52-	1.49)
Partial Totals											741	96508	558	83610			
*prospective study																	

Yes

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51	(0.14-	1.79)
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)
Subtotal 5																	
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(0.20-	5.07)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)
Subtotal 7																	
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50-	3.30)
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39-	6.90)
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08	(0.70-	23.91)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)
Subtotal 15																	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.48-	1.18)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78-	1.63)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60	(0.67-	3.82)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)
Subtotal 39																	
40	SCHWAR	8	c	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.80-	1.60)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80-	1.69)
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26-	5.10)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31-	1.78)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06-	2.21)
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50-	1.80)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.80-	2.60)
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.91-	1.45)
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21-	1.09)
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10-	3.00)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)
Subtotal 65																	
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(1.07-	2.92)
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80	(1.10-	3.00)
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41	(0.60-	3.30)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)
Subtotal 70																	
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70-	2.63)
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99	(0.11-	9.16)
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93	(0.39-	2.19)
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00	(1.83-	34.92)
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.30-	3.00)
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90	(0.57-	1.41)

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

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

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

Table 40
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

By full histological confirmation or not - adjusted

Yes												Number Exposed				Non-exposed		RR		95.00%CI	
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI					
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(1.01-	2.07)				
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40	(0.27-	0.59)				
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.23-	4.18)				
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00	(0.65-	1.55)				
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66-	3.77)				
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~	(0.25-	109.12)				
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09-	1.56)				
Subtotal 95																1.31	(1.09-	1.56)			
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~	(0.04-	13.34)				
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)				
Subtotal 96																1.90	(0.97-	3.72)			
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(0.99-	1.46)				
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.08-	1.34)				
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	0.71	(0.48-	1.05)				
Partial Totals											840	1746	837	1587							
*prospective study																					
zero											~ With 0.5 adjustment for										

	No	Yes	Total
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Relative risks

N	62	56	118
NS	46	48	94
Wt	1008.69	1344.37	2353.06
Het Chi	84.93	119.34	206.85
Het df	61	55	117
Het P	*	***	***
Fixed RR	1.14	1.22	1.19
RRl	1.07	1.16	1.14
RRu	1.21	1.29	1.23
P	+++	+++	+++
Random RR	1.20	1.23	1.22
RRl	1.10	1.11	1.14
RRu	1.30	1.35	1.30
P	+++	+++	+++
Asymm P	**	N.S.	(*)
Between Chi		2.59	2.59
Between df		1	1
Between P		N.S.	N.S.

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

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

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

Table 41
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

By study type (case-control, prospective) - adjusted

Case-con.

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(	0.43-	1.30)
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(	0.38-	10.32)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(	0.81-	5.25)
Subtotal 3																		
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(	1.20-	3.59)
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51	(	0.14-	1.79)
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(	0.34-	1.90)
Subtotal 5																		
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(	0.20-	5.07)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(	0.25-	2.45)
Subtotal 7																		
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(	0.81-	1.87)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(	1.09-	3.72)
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(	0.50-	3.30)
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80	(	0.39-	6.96)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(	0.93-	2.76)
Subtotal 11																		
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30	(	0.38-	4.39)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(	0.37-	2.71)
Subtotal 12																		
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(	0.39-	6.90)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(	0.87-	1.94)
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08	(	0.70-	23.91)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(	0.76-	6.56)
Subtotal 15																		
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(	0.87-	3.09)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(	1.16-	2.35)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(	0.70-	2.10)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(	1.08-	4.29)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(	0.77-	8.85)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(	0.64-	1.82)
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(	0.49-	15.21)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(	0.92-	2.87)
Subtotal 23																		
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(	0.70-	1.64)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(	0.53-	3.49)
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(	0.48-	1.18)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(	1.09-	4.08)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(	0.78-	1.63)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(	0.60-	0.90)
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(	0.30-	1.96)
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(	0.80-	1.20)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(	0.80-	3.00)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(	0.64-	1.85)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(	0.77-	3.87)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(	1.04-	1.60)
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47	(	0.55-	3.94)
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(	0.30-	1.13)
Subtotal 37																		
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(	0.84-	7.85)
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60	(	0.67-	3.82)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(	0.60-	1.94)
Subtotal 39																		
40	SCHWAR	8	c	t	h	a	e	a	2	2	-	-	-	-	1.10	(	0.80-	1.60)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(	0.80-	1.69)
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(	1.26-	5.10)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(	0.67-	1.84)
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67	(	0.22-	2.04)
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(	1.09-	5.85)
Subtotal 45																		
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	0.69	(	0.28-	1.74)
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47	(	0.81-	2.66)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(	0.88-	1.39)
Subtotal 47																		
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(	0.31-	1.78)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(	1.06-	2.21)
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00	(	0.50-	1.80)

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

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

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

Table 41
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By study type (case-control, prospective) - adjusted

Case-con.

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50-	2.90)
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.80-	2.60)
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56	(0.20-	1.40)
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)
Subtotal 57																	
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.91-	1.45)
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21-	1.09)
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10-	3.00)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)
Subtotal 65																	
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34	(0.82-	2.17)
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94-	2.04)
Subtotal 66																	
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(1.07-	2.92)
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80	(1.10-	3.00)
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41	(0.60-	3.30)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)
Subtotal 70																	
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.72-	2.61)
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70-	2.63)
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99	(0.11-	9.16)
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93	(0.39-	2.19)
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00	(1.83-	34.92)
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.30-	3.00)
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90	(0.57-	1.41)
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(1.01-	2.07)
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40	(0.27-	0.59)
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.23-	4.18)
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00	(0.65-	1.55)
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(0.90-	1.40)
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66-	3.77)
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22	(0.25-	109.12)
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09-	1.56)
Subtotal 95																	
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70	(0.04-	13.34)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)
Subtotal 96																	
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(0.99-	1.46)
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29	(0.34-	4.91)
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99-	1.72)
Subtotal 98																	
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.08-	1.34)
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	0.71	(0.48-	1.05)
Partial Totals											1493	3374	1330	3338			
*prospective study														~ With 0.5 adjustment for			
zero																	

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

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

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

Table 41
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By study type (case-control, prospective) - adjusted

Prosp.

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25	(1.05-	4.76)
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02-	2.08)
Subtotal 6															1.57	(1.14-	2.17)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41	(0.45-	12.83)
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10	(0.60-	1.80)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)
Subtotal 44															1.17	(0.87-	1.57)
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93-	3.18)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(0.67-	4.60)
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63	(0.33-	1.22)
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66-	1.33)
Subtotal 63															0.86	(0.63-	1.17)
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.38-	1.90)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08	(0.56-	2.09)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49-	2.01)
Subtotal 76															1.04	(0.64-	1.69)
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45	(0.75-	2.81)
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(0.78-	2.41)
Subtotal 77															1.41	(0.92-	2.16)
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78-	2.03)
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.86	(0.45-	7.73)
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07	(0.23-	18.34)
Subtotal 91															1.92	(0.58-	6.33)
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52-	1.49)
Partial Totals											88	94880	65	81859			

*prospective study

Case-con. Prosp. Total

Relative risks

N	96	22	118
NS	78	16	94
Wt	2072.30	280.77	2353.06
Het Chi	190.32	16.53	206.85
Het df	95	21	117
Het P	***	N.S.	***
Fixed RR	1.19	1.18	1.19
RRl	1.14	1.05	1.14
RRu	1.24	1.33	1.23
P	+++	++	+++
Random RR	1.23	1.18	1.22
RRl	1.14	1.05	1.14
RRu	1.32	1.33	1.30
P	+++	++	+++
Asymm P	N.S.	N.S.	(*)
Between Chi		0.00	0.00
Between df		1	1
Between P		N.S.	N.S.

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

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Table 42
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Both sexes
 By study control type - adjusted

Healthy

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50- 3.30)	
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87- 1.94)	
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08	(0.70- 23.91)	
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76- 6.56)	
Subtotal 15															2.60	(1.04- 6.53)	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87- 3.09)	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16- 2.35)	
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70- 2.10)	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70- 1.64)	
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.48- 1.18)	
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60- 0.90)	
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30- 1.96)	
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80- 1.20)	
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80- 3.00)	
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04- 1.60)	
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84- 7.85)	
40	SCHWAR	8	c	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.80- 1.60)	
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80- 1.69)	
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67- 1.84)	
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67	(0.22- 2.04)	
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09- 5.85)	
Subtotal 45															1.56	(0.80- 3.06)	
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	0.69	(0.28- 1.74)	
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31- 1.78)	
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80- 1.50)	
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56	(0.20- 1.40)	
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60- 1.70)	
Subtotal 57															0.90	(0.57- 1.42)	
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62- 2.30)	
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21- 1.09)	
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10- 3.00)	
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50- 1.30)	
Subtotal 65															0.76	(0.48- 1.20)	
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34	(0.82- 2.17)	
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94- 2.04)	
Subtotal 66															1.36	(1.01- 1.85)	
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80	(1.10- 3.00)	
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41	(0.60- 3.30)	
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63- 2.10)	
Subtotal 70															1.23	(0.75- 2.01)	
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.72- 2.61)	
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70- 2.63)	
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93	(0.39- 2.19)	
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00	(1.83- 34.92)	
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.30- 3.00)	
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90	(0.57- 1.41)	
86	LIANG	2	f	t	t	a	e	-	2	0	141	149	85	130	1.45	(1.01- 2.07)	
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.23- 4.18)	
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66- 3.77)	
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22	(0.25- 109.12)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09- 1.56)	
Subtotal 95															1.31	(1.09- 1.56)	
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(0.99- 1.46)	
Partial Totals											550	950	564	897			
*prospective study															~ With 0.5 adjustment for		
zero																	

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

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

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

Table 42
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By study control type - adjusted

Diseased

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75 (0.43- 1.30)		
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97 (0.38- 10.32)		
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07 (0.81- 5.25)		
Subtotal 3																	
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08 (1.20- 3.59)		
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00 (0.20- 5.07)		
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79 (0.25- 2.45)		
Subtotal 7																	
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23 (0.81- 1.87)		
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (1.09- 3.72)		
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80 (0.39- 6.96)		
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50 (0.93- 2.76)		
Subtotal 11																	
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30 (0.38- 4.39)		
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00 (0.37- 2.71)		
Subtotal 12																	
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68 (0.39- 6.90)		
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25 (0.77- 8.85)		
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08 (0.64- 1.82)		
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73 (0.49- 15.21)		
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63 (0.92- 2.87)		
Subtotal 23																	
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11 (1.09- 4.08)		
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13 (0.78- 1.63)		
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09 (0.64- 1.85)		
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72 (0.77- 3.87)		
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47 (0.55- 3.94)		
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58 (0.30- 1.13)		
Subtotal 37																	
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60 (0.67- 3.82)		
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08 (0.60- 1.94)		
Subtotal 39																	
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53 (1.26- 5.10)		
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53 (1.06- 2.21)		
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87 (1.29- 2.71)		
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00 (0.67- 1.49)		
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99 (0.11- 9.16)		
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00 (0.65- 1.55)		
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12 (0.90- 1.40)		
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29 (0.34- 4.91)		
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31 (0.99- 1.72)		
Subtotal 98																	
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	0.71 (0.48- 1.05)		
Partial Totals																	
											800	1884	571	1867			
*prospective study																	

Both

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51 (0.14- 1.79)		
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80 (0.34- 1.90)		
Subtotal 5																	
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36 (0.53- 3.49)		
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47 (0.81- 2.66)		
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11 (0.88- 1.39)		
Subtotal 47																	
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00 (0.50- 1.80)		
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20 (0.50- 2.90)		
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50 (0.80- 2.60)		
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15 (0.91- 1.45)		
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77 (1.07- 2.92)		
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40 (0.27- 0.59)		
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70 (0.04- 13.34)		
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01 (1.01- 4.00)		
Subtotal 96																	
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	1.20 (1.08- 1.34)		
Partial Totals																	
											109	499	175	522			

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

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

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

Table 42
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Both sexes
 By study control type - adjusted

Both												Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont			
*prospective study																	
zero																	
Unstated																	
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
20	GENG	1	f	t	s	a	e	-	2	0	Case	Cont	Case	Cont			
Totals											34	41	20	52	2.16 (	1.08- 4.29)
*prospective study																	
Prosp.																	
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
*1	GARF11	1	f	t	s	c	c	-	2	0	Case	Cont	Case	Cont			
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25 (	1.05- 4.76)
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45 (	1.02- 2.08)
Subtotal 6																	
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02 (	0.48- 8.56)
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41 (	0.45- 12.83)
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10 (	0.60- 1.80)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20 (	0.80- 1.60)
Subtotal 44																	
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72 (	0.93- 3.18)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50 (	0.30- 6.30)
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80 (	0.67- 4.60)
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63 (	0.33- 1.22)
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94 (	0.66- 1.33)
Subtotal 63																	
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	0.84 (	0.38- 1.90)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09 (	0.74- 1.61)
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08 (	0.56- 2.09)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00 (	0.49- 2.01)
Subtotal 76																	
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45 (	0.75- 2.81)
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38 (	0.78- 2.41)
Subtotal 77																	
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.41 (	0.92- 2.16)
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.26 (	0.78- 2.03)
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07 (	0.23- 18.34)
Subtotal 91																	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88 (	0.52- 1.49)
Partial Totals											88	94880	65	81859			
*prospective study																	
			Healthy	Diseased	Both	Unstated	Prosp.	Total									
Relative risks																	
	N		46	35	14	1	22	118									
	NS		39	27	11	1	16	94									
	Wt	1017.57		474.42	572.19	8.13	280.77	2353.06									
	Het Chi	101.32		45.05	38.93	0.00	16.53	206.85									
	Het df	45		34	13	0	21	117									
	Het P	***		(*)	***	N.S.	N.S.	***									
	Fixed RR	1.18		1.25	1.14	2.16	1.18	1.19									
	RR1	1.11		1.14	1.05	1.08	1.05	1.14									
	RRu	1.25		1.37	1.24	4.29	1.33	1.23									
	P	+++		+++	++	+	++	+++									
	Random RR	1.22		1.27	1.10	2.16	1.18	1.22									
	RR1	1.10		1.13	0.90	1.08	1.05	1.14									
	RRu	1.36		1.43	1.36	4.29	1.33	1.30									
	P	+++		+++	N.S.	+	++	+++									
	Asymm P	N.S.		N.S.	N.S.		N.S.	(*)									
	Between Chi			1.16	0.30	2.96	0.01	5.02									
	Between df			1	1	1	1	4									
	Between P			N.S.	N.S.	(+)	N.S.	N.S.									

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

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

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

Table 43
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By study quality (PNL criteria) - adjusted

Good											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17 (0.85- 1.61)	
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75 (0.43- 1.30)	
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51 (0.14- 1.79)	
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80 (0.34- 1.90)	
Subtotal 5															0.69 (0.34- 1.41)	
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25 (1.05- 4.76)	
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45 (1.02- 2.08)	
Subtotal 6															1.57 (1.14- 2.17)	
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00 (0.20- 5.07)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79 (0.25- 2.45)	
Subtotal 7															0.85 (0.34- 2.16)	
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20 (0.50- 3.30)	
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80 (0.39- 6.96)	
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50 (0.93- 2.76)	
Subtotal 11															1.53 (0.92- 2.55)	
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30 (0.38- 4.39)	
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00 (0.37- 2.71)	
Subtotal 12															1.11 (0.51- 2.40)	
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30 (0.87- 1.94)	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64 (0.87- 3.09)	
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20 (0.70- 2.10)	
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08 (0.64- 1.82)	
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73 (0.49- 15.21)	
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63 (0.92- 2.87)	
Subtotal 23															1.71 (1.00- 2.93)	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07 (0.70- 1.64)	
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13 (0.78- 1.63)	
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70 (0.60- 0.90)	
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77 (0.30- 1.96)	
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72 (0.77- 3.87)	
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57 (0.84- 7.85)	
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60 (0.67- 3.82)	
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08 (0.60- 1.94)	
Subtotal 39															1.22 (0.75- 1.99)	
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16 (0.80- 1.69)	
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53 (1.26- 5.10)	
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10 (0.60- 1.80)	
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20 (0.80- 1.60)	
Subtotal 44															1.17 (0.87- 1.57)	
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67 (0.22- 2.04)	
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52 (1.09- 5.85)	
Subtotal 45															1.56 (0.80- 3.06)	
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47 (0.81- 2.66)	
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11 (0.88- 1.39)	
Subtotal 47															1.15 (0.93- 1.42)	
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75 (0.31- 1.78)	
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53 (1.06- 2.21)	
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00 (0.50- 1.80)	
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72 (0.93- 3.18)	
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20 (0.50- 2.90)	
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50 (0.30- 6.30)	
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87 (1.29- 2.71)	
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50 (0.80- 2.60)	
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20 (0.62- 2.30)	
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80 (0.67- 4.60)	
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00 (0.67- 1.49)	
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63 (0.33- 1.22)	
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94 (0.66- 1.33)	
Subtotal 63															0.86 (0.63- 1.17)	
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48 (0.21- 1.09)	
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	0.84 (0.38- 1.90)	
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77 (1.07- 2.92)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09 (0.74- 1.61)	
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08 (0.56- 2.09)	
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00 (0.49- 2.01)	
Subtotal 76															1.04 (0.64- 1.69)	
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45 (0.75- 2.81)	

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

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

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

Table 43
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

By study quality (PNL criteria) - adjusted

Good											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38 (0.78- 2.41)	
Subtotal 77															1.41 (0.92- 2.16)	
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99 (0.11- 9.16)	
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93 (0.39- 2.19)	
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26 (0.78- 2.03)	
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90 (0.57- 1.41)	
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (1.01- 2.07)	
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00 (0.65- 1.55)	
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.86 (0.45- 7.73)	
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07 (0.23- 18.34)	
Subtotal 91															1.92 (0.58- 6.33)	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12 (0.90- 1.40)	
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50 (1.66- 3.77)	
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~ (0.25- 109.12)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30 (1.09- 1.56)	
Subtotal 95															1.31 (1.09- 1.56)	
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~ (0.04- 13.34)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01 (1.01- 4.00)	
Subtotal 96															1.90 (0.97- 3.72)	
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20 (0.99- 1.46)	
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29 (0.34- 4.91)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31 (0.99- 1.72)	
Subtotal 98															1.31 (1.00- 1.72)	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88 (0.52- 1.49)	
Partial Totals											1016	96960	1013	84006		
*prospective study zero																~ With 0.5 adjustment for zero

Bad											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97 (0.38- 10.32)	
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07 (0.81- 5.25)	
Subtotal 3															2.04 (0.91- 4.61)	
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08 (1.20- 3.59)	
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23 (0.81- 1.87)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (1.09- 3.72)	
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68 (0.39- 6.90)	
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08 (0.70- 23.91)	
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20 (0.76- 6.56)	
Subtotal 15															2.60 (1.04- 6.53)	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65 (1.16- 2.35)	
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02 (0.48- 8.56)	
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16 (1.08- 4.29)	
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25 (0.77- 8.85)	
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41 (0.45- 12.83)	
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36 (0.53- 3.49)	
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75 (0.48- 1.18)	
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11 (1.09- 4.08)	
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00 (0.80- 1.20)	
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60 (0.80- 3.00)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09 (0.64- 1.85)	
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29 (1.04- 1.60)	
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47 (0.55- 3.94)	
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58 (0.30- 1.13)	
Subtotal 37															0.78 (0.45- 1.34)	
40	SCHWAR	8	c	t	h	a	e	a	2	2	-	-	-	-	1.10 (0.80- 1.60)	
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11 (0.67- 1.84)	
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	0.69 (0.28- 1.74)	
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10 (0.80- 1.50)	
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56 (0.20- 1.40)	
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03 (0.60- 1.70)	
Subtotal 57															0.90 (0.57- 1.42)	
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15 (0.91- 1.45)	
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40 (0.10- 3.00)	
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80 (0.50- 1.30)	
Subtotal 65															0.76 (0.48- 1.20)	
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34 (0.82- 2.17)	

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

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

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

Table 43
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By study quality (PNL criteria) - adjusted

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94-	2.04)
Subtotal 66																	
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.36	(1.01-	1.85)
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.80	(1.10-	3.00)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.41	(0.60-	3.30)
Subtotal 70																	
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.15	(0.63-	2.10)
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.23	(0.75-	2.01)
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	1.37	(0.72-	2.61)
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	1.35	(0.70-	2.63)
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	8.00	(1.83-	34.92)
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.00	(1.30-	3.00)
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	0.40	(0.27-	0.59)
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	2.27	(1.23-	4.18)
Partial Totals											565	1294	382	1191	1.20	(1.08-	1.34)
*prospective study															0.71	(0.48-	1.05)

Good Bad Total

Relative risks

N	74	44	118
NS	57	37	94
Wt	1304.12	1048.94	2353.06
Het Chi	104.06	102.79	206.85
Het df	73	43	117
Het P	**	***	***
Fixed RR	1.19	1.18	1.19
RRl	1.12	1.12	1.14
RRu	1.25	1.26	1.23
P	+++	+++	+++
Random RR	1.21	1.24	1.22
RRl	1.13	1.10	1.14
RRu	1.30	1.39	1.30
P	+++	+++	+++
Asymm P	N.S.	N.S.	(*)
Between Chi		0.00	0.00
Between df		1	1
Between P		N.S.	N.S.

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

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

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

Table 44
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

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

											Number Exposed		Non-exposed			
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI
0																
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75 (	0.43- 1.30)
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08 (	1.20- 3.59)
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51 (	0.14- 1.79)
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80 (	0.34- 1.90)
Subtotal 5																
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65 (	1.16- 2.35)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16 (	1.08- 4.29)
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73 (	0.49- 15.21)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63 (	0.92- 2.87)
Subtotal 23																
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57 (	0.84- 7.85)
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53 (	1.26- 5.10)
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99 (	0.11- 9.16)
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93 (	0.39- 2.19)
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00 (	1.83- 34.92)
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (	1.01- 2.07)
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00 (	0.65- 1.55)
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12 (	0.90- 1.40)
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88 (	0.52- 1.49)
Partial Totals											941	2086	625	1802		
*prospective study																
1																
											Number Exposed		Non-exposed			
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97 (	0.38- 10.32)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07 (	0.81- 5.25)
Subtotal 3																
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (	1.09- 3.72)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36 (	0.53- 3.49)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11 (	0.67- 1.84)
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	0.69 (	0.28- 1.74)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50 (	0.30- 6.30)
Partial Totals											145	240	80	352		
*prospective study																
2																
											Number Exposed		Non-exposed			
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25 (	1.05- 4.76)
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45 (	1.02- 2.08)
Subtotal 6																
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20 (	0.50- 3.30)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30 (	0.87- 1.94)
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08 (	0.70- 23.91)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20 (	0.76- 6.56)
Subtotal 15																
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20 (	0.70- 2.10)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02 (	0.48- 8.56)
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41 (	0.45- 12.83)
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00 (	0.80- 1.20)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09 (	0.64- 1.85)
40	SCHWAR	8	c	t	h	a	e	a	2	2	-	-	-	-	1.10 (	0.80- 1.60)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16 (	0.80- 1.69)
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67 (	0.22- 2.04)
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52 (	1.09- 5.85)
Subtotal 45																
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53 (	1.06- 2.21)
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50 (	0.80- 2.60)
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00 (	0.67- 1.49)
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40 (	0.10- 3.00)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80 (	0.50- 1.30)
Subtotal 65																
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34 (	0.82- 2.17)
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38 (	0.94- 2.04)
Subtotal 66																
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80 (	1.10- 3.00)

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

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

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

Table 44
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Both sexes

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

											Number Exposed		Non-exposed			
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI
2																
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	0.71	(0.48- 1.05)
Partial Totals											117	345	52	168		
*prospective study																
3-5											Number Exposed		Non-exposed			
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(0.20- 5.07)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25- 2.45)
Subtotal 7															0.85	(0.34- 2.16)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81- 1.87)
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30	(0.38- 4.39)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37- 2.71)
Subtotal 12															1.11	(0.51- 2.40)
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39- 6.90)
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87- 3.09)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77- 8.85)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64- 1.82)
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.48- 1.18)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09- 4.08)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78- 1.63)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60- 0.90)
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30- 1.96)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80- 3.00)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77- 3.87)
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47	(0.55- 3.94)
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30- 1.13)
Subtotal 37															0.78	(0.45- 1.34)
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50- 1.80)
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93- 3.18)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50- 2.90)
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62- 2.30)
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21- 1.09)
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41	(0.60- 3.30)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63- 2.10)
Subtotal 70															1.23	(0.75- 2.01)
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.72- 2.61)
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78- 2.03)
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.30- 3.00)
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40	(0.27- 0.59)
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70	(0.04- 13.34)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01- 4.00)
Subtotal 96															1.90	(0.97- 3.72)
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(0.99- 1.46)
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.08- 1.34)
Partial Totals											232	644	260	693		
*prospective study																
zero											~ With 0.5 adjustment for					
6+											Number Exposed		Non-exposed			
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85- 1.61)
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80	(0.39- 6.96)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93- 2.76)
Subtotal 11															1.53	(0.92- 2.55)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70- 1.64)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04- 1.60)
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60	(0.67- 3.82)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60- 1.94)
Subtotal 39															1.22	(0.75- 1.99)
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10	(0.60- 1.80)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80- 1.60)
Subtotal 44															1.17	(0.87- 1.57)
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47	(0.81- 2.66)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88- 1.39)
Subtotal 47															1.15	(0.93- 1.42)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31- 1.78)

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

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

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

Table 44
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

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

6+											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10 (0.80- 1.50)	
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87 (1.29- 2.71)	
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56 (0.20- 1.40)	
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03 (0.60- 1.70)	
Subtotal 57																
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15 (0.91- 1.45)	
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80 (0.67- 4.60)	
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63 (0.33- 1.22)	
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94 (0.66- 1.33)	
Subtotal 63																
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	0.84 (0.38- 1.90)	
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77 (1.07- 2.92)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09 (0.74- 1.61)	
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35 (0.70- 2.63)	
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08 (0.56- 2.09)	
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00 (0.49- 2.01)	
Subtotal 76																
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45 (0.75- 2.81)	
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38 (0.78- 2.41)	
Subtotal 77																
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90 (0.57- 1.41)	
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27 (1.23- 4.18)	
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.86 (0.45- 7.73)	
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07 (0.23- 18.34)	
Subtotal 91																
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50 (1.66- 3.77)	
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~ (0.25- 109.12)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30 (1.09- 1.56)	
Subtotal 95																
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29 (0.34- 4.91)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31 (0.99- 1.72)	
Subtotal 98																
Partial Totals											146	94939	378	82182		
*prospective study zero																
~ With 0.5 adjustment for zero																

	0	1	2	3-5	6+	Total
Relative risks						
N	17	7	24	33	37	118
NS	15	6	19	28	26	94
Wt	248.64	41.45	424.61	811.92	826.45	2353.06
Het Chi	32.00	5.29	33.09	84.22	43.46	206.85
Het df	16	6	23	32	36	117
Het P	*	N.S.	(*)	***	N.S.	***
Fixed RR	1.29	1.37	1.18	1.10	1.24	1.19
RRl	1.14	1.01	1.07	1.03	1.16	1.14
RRu	1.46	1.86	1.30	1.18	1.33	1.23
P	+++	+	+++	++	+++	+++
Random RR	1.36	1.37	1.22	1.13	1.24	1.22
RRl	1.10	1.01	1.08	0.97	1.14	1.14
RRu	1.67	1.86	1.38	1.31	1.34	1.30
P	++	+	++	N.S.	+++	+++
Asymm P	N.S.	N.S.	(*)	N.S.	N.S.	(*)
Between Chi		0.12	1.32	4.95	0.36	8.81
Between df		1	1	1	1	4
Between P		N.S.	N.S.	-	N.S.	(*)

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

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

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

Table 45
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

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

No											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75 (0.43- 1.30)	
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97 (0.38- 10.32)	
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07 (0.81- 5.25)	
Subtotal 3															2.04 (0.91- 4.61)	
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08 (1.20- 3.59)	
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51 (0.14- 1.79)	
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80 (0.34- 1.90)	
Subtotal 5															0.69 (0.34- 1.41)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (1.09- 3.72)	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65 (1.16- 2.35)	
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16 (1.08- 4.29)	
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73 (0.49- 15.21)	
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63 (0.92- 2.87)	
Subtotal 23															1.71 (1.00- 2.93)	
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72 (0.77- 3.87)	
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57 (0.84- 7.85)	
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53 (1.26- 5.10)	
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99 (0.11- 9.16)	
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93 (0.39- 2.19)	
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00 (1.83- 34.92)	
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (1.01- 2.07)	
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00 (0.65- 1.55)	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12 (0.90- 1.40)	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88 (0.52- 1.49)	
Partial Totals											994	2237	662	2108		
*prospective study																
Yes											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17 (0.85- 1.61)	
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25 (1.05- 4.76)	
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45 (1.02- 2.08)	
Subtotal 6															1.57 (1.14- 2.17)	
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00 (0.20- 5.07)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79 (0.25- 2.45)	
Subtotal 7															0.85 (0.34- 2.16)	
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23 (0.81- 1.87)	
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20 (0.50- 3.30)	
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80 (0.39- 6.96)	
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50 (0.93- 2.76)	
Subtotal 11															1.53 (0.92- 2.55)	
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30 (0.38- 4.39)	
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00 (0.37- 2.71)	
Subtotal 12															1.11 (0.51- 2.40)	
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68 (0.39- 6.90)	
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30 (0.87- 1.94)	
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08 (0.70- 23.91)	
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20 (0.76- 6.56)	
Subtotal 15															2.60 (1.04- 6.53)	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64 (0.87- 3.09)	
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20 (0.70- 2.10)	
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02 (0.48- 8.56)	
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25 (0.77- 8.85)	
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08 (0.64- 1.82)	
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41 (0.45- 12.83)	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07 (0.70- 1.64)	
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36 (0.53- 3.49)	
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75 (0.48- 1.18)	
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11 (1.09- 4.08)	
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13 (0.78- 1.63)	
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70 (0.60- 0.90)	
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77 (0.30- 1.96)	
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00 (0.80- 1.20)	
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60 (0.80- 3.00)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09 (0.64- 1.85)	
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29 (1.04- 1.60)	

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

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

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

Table 45
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

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

Yes											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47 (0.55- 3.94)	
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58 (0.30- 1.13)	
Subtotal 37																
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60 (0.67- 3.82)	
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08 (0.60- 1.94)	
Subtotal 39																
40	SCHWAR	8	c	t	h	a	e	a	2	2	-	-	-	-	1.10 (0.80- 1.60)	
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16 (0.80- 1.69)	
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11 (0.67- 1.84)	
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10 (0.60- 1.80)	
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20 (0.80- 1.60)	
Subtotal 44																
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67 (0.22- 2.04)	
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52 (1.09- 5.85)	
Subtotal 45																
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	0.69 (0.28- 1.74)	
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47 (0.81- 2.66)	
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11 (0.88- 1.39)	
Subtotal 47																
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75 (0.31- 1.78)	
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53 (1.06- 2.21)	
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00 (0.50- 1.80)	
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72 (0.93- 3.18)	
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20 (0.50- 2.90)	
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50 (0.30- 6.30)	
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10 (0.80- 1.50)	
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87 (1.29- 2.71)	
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50 (0.80- 2.60)	
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56 (0.20- 1.40)	
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03 (0.60- 1.70)	
Subtotal 57																
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20 (0.62- 2.30)	
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15 (0.91- 1.45)	
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80 (0.67- 4.60)	
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00 (0.67- 1.49)	
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63 (0.33- 1.22)	
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94 (0.66- 1.33)	
Subtotal 63																
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48 (0.21- 1.09)	
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40 (0.10- 3.00)	
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80 (0.50- 1.30)	
Subtotal 65																
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34 (0.82- 2.17)	
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38 (0.94- 2.04)	
Subtotal 66																
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	0.84 (0.38- 1.90)	
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77 (1.07- 2.92)	
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80 (1.10- 3.00)	
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41 (0.60- 3.30)	
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15 (0.63- 2.10)	
Subtotal 70																
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37 (0.72- 2.61)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09 (0.74- 1.61)	
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35 (0.70- 2.63)	
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08 (0.56- 2.09)	
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00 (0.49- 2.01)	
Subtotal 76																
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45 (0.75- 2.81)	
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38 (0.78- 2.41)	
Subtotal 77																
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26 (0.78- 2.03)	
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	2.00 (1.30- 3.00)	
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90 (0.57- 1.41)	
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40 (0.27- 0.59)	
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27 (1.23- 4.18)	
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.86 (0.45- 7.73)	
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07 (0.23- 18.34)	

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

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

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

Table 45
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

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

Yes		NRR											Number Exposed		Non-exposed		RR	95.00%CI	
StN	Ref		SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont					
Subtotal 91															1.92	(0.58-	6.33)		
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66-	3.77)		
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~	(0.25-	109.12)		
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09-	1.56)		
Subtotal 95															1.31	(1.09-	1.56)		
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~	(0.04-	13.34)		
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)		
Subtotal 96															1.90	(0.97-	3.72)		
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(0.99-	1.46)		
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29	(0.34-	4.91)		
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99-	1.72)		
Subtotal 98															1.31	(1.00-	1.72)		
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.08-	1.34)		
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	0.71	(0.48-	1.05)		
Partial Totals											587	96017	733	83089					

*prospective study
zero ~ With 0.5 adjustment for

	No	Yes	Total
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Relative risks

N	21	97	118
NS	18	76	94
Wt	270.49	2082.58	2353.06
Het Chi	35.39	167.14	206.85
Het df	20	96	117
Het P	*	***	***
Fixed RR	1.34	1.17	1.19
RRl	1.19	1.12	1.14
RRu	1.50	1.22	1.23
P	+++	+++	+++
Random RR	1.42	1.19	1.22
RRl	1.18	1.11	1.14
RRu	1.71	1.27	1.30
P	+++	+++	+++
Asymm P	N.S.	N.S.	(*)
Between Chi		4.33	4.33
Between df		1	1
Between P		-	*

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

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

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

Table 46
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

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

No												Number Exposed		Non-exposed			
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI	
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(	1.30)
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(	3.59)
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51	(	1.79)
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(	1.90)
Subtotal 5															0.69	(	1.41)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(	1.87)
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(	6.90)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(	1.94)
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08	(	23.91)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(	6.56)
Subtotal 15															2.60	(	6.53)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(	2.35)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(	2.10)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(	4.29)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(	1.82)
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(	15.21)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(	2.87)
Subtotal 23															1.71	(	2.93)
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41	(	12.83)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(	1.64)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(	3.49)
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(	1.18)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(	4.08)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(	1.63)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(	0.90)
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(	1.96)
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(	1.20)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(	3.00)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(	1.85)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(	3.87)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(	1.60)
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(	7.85)
40	SCHWAR	8	c	t	h	a	e	a	2	2	-	-	-	-	1.10	(	1.60)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(	1.69)
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(	5.10)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(	1.84)
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67	(	2.04)
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(	5.85)
Subtotal 45															1.56	(	3.06)
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	0.69	(	1.74)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(	1.78)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(	2.21)
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00	(	1.80)
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(	3.18)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(	2.90)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(	6.30)
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(	1.50)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(	2.71)
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50	(	2.60)
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56	(	1.40)
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(	1.70)
Subtotal 57															0.90	(	1.42)
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(	2.30)
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15	(	1.45)
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(	4.60)
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(	1.49)
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63	(	1.22)
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(	1.33)
Subtotal 63															0.86	(	1.17)
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(	1.09)
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(	3.00)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(	1.30)
Subtotal 65															0.76	(	1.20)
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34	(	2.17)
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(	2.04)
Subtotal 66															1.36	(	1.85)
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	0.84	(	1.90)

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

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

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

Table 46
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

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

No											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77 (1.07- 2.92)	
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80 (1.10- 3.00)	
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41 (0.60- 3.30)	
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15 (0.63- 2.10)	
Subtotal 70																
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37 (0.72- 2.61)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09 (0.74- 1.61)	
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35 (0.70- 2.63)	
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99 (0.11- 9.16)	
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93 (0.39- 2.19)	
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00 (1.83- 34.92)	
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26 (0.78- 2.03)	
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	2.00 (1.30- 3.00)	
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90 (0.57- 1.41)	
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (1.01- 2.07)	
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40 (0.27- 0.59)	
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27 (1.23- 4.18)	
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00 (0.65- 1.55)	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12 (0.90- 1.40)	
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50 (1.66- 3.77)	
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~ (0.25- 109.12)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30 (1.09- 1.56)	
Subtotal 95																
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~ (0.04- 13.34)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01 (1.01- 4.00)	
Subtotal 96																
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20 (0.99- 1.46)	
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29 (0.34- 4.91)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31 (0.99- 1.72)	
Subtotal 98																
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88 (0.52- 1.49)	
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	1.20 (1.08- 1.34)	
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	0.71 (0.48- 1.05)	
Partial Totals											1422	3203	1275	3015		
*prospective study zero																~ With 0.5 adjustment for zero
Yes																
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
Case	Cont	Case	Cont													
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17 (0.85- 1.61)	
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97 (0.38- 10.32)	
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07 (0.81- 5.25)	
Subtotal 3																
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25 (1.05- 4.76)	
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45 (1.02- 2.08)	
Subtotal 6																
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00 (0.20- 5.07)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79 (0.25- 2.45)	
Subtotal 7																
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (1.09- 3.72)	
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20 (0.50- 3.30)	
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80 (0.39- 6.96)	
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50 (0.93- 2.76)	
Subtotal 11																
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30 (0.38- 4.39)	
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00 (0.37- 2.71)	
Subtotal 12																
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64 (0.87- 3.09)	
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02 (0.48- 8.56)	
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25 (0.77- 8.85)	
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47 (0.55- 3.94)	
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58 (0.30- 1.13)	
Subtotal 37																
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60 (0.67- 3.82)	
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08 (0.60- 1.94)	
Subtotal 39																
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.22 (0.75- 1.99)	
											-	-	-	-	1.10 (0.60- 1.80)	

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

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

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

Table 46
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

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

Yes												Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont			
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20 (0.80- 1.60)		
Subtotal 44																	
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.17 (0.87- 1.57)		
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.47 (0.81- 2.66)		
Subtotal 47																	
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.11 (0.88- 1.39)		
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.15 (0.93- 1.42)		
Subtotal 76																	
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.08 (0.56- 2.09)		
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.45 (0.75- 2.81)		
Subtotal 77																	
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.38 (0.78- 2.41)		
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	1.86 (0.45- 7.73)		
Subtotal 91																	
Partial Totals											159	95051	120	82182	1.92 (0.58- 6.33)		
*prospective study																	

No Yes Total

Relative risks

N	88	30	118
NS	76	18	94
Wt	2020.47	332.59	2353.06
Het Chi	186.12	19.22	206.85
Het df	87	29	117
Het P	***	N.S.	***
Fixed RR	1.17	1.26	1.19
RRl	1.12	1.13	1.14
RRu	1.23	1.41	1.23
P	+++	+++	+++
Random RR	1.20	1.26	1.22
RRl	1.11	1.13	1.14
RRu	1.30	1.41	1.30
P	+++	+++	+++
Asymm P	N.S.	(*)	(*)
Between Chi		1.52	1.52
Between df		1	1
Between P		N.S.	N.S.

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

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

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

Table 47
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

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

None											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75 (0.43- 1.30)	
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00 (0.20- 5.07)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79 (0.25- 2.45)	
Subtotal 7															0.85 (0.34- 2.16)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (1.09- 3.72)	
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30 (0.38- 4.39)	
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00 (0.37- 2.71)	
Subtotal 12															1.11 (0.51- 2.40)	
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68 (0.39- 6.90)	
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02 (0.48- 8.56)	
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08 (0.64- 1.82)	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07 (0.70- 1.64)	
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36 (0.53- 3.49)	
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13 (0.78- 1.63)	
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70 (0.60- 0.90)	
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77 (0.30- 1.96)	
40	SCHWAR	8	c	t	h	a	e	a	2	2	-	-	-	-	1.10 (0.80- 1.60)	
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16 (0.80- 1.69)	
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53 (1.26- 5.10)	
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	0.69 (0.28- 1.74)	
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50 (0.30- 6.30)	
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15 (0.91- 1.45)	
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80 (0.67- 4.60)	
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63 (0.33- 1.22)	
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94 (0.66- 1.33)	
Subtotal 63															0.86 (0.63- 1.17)	
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48 (0.21- 1.09)	
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	0.84 (0.38- 1.90)	
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80 (1.10- 3.00)	
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41 (0.60- 3.30)	
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15 (0.63- 2.10)	
Subtotal 70															1.23 (0.75- 2.01)	
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37 (0.72- 2.61)	
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08 (0.56- 2.09)	
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00 (0.49- 2.01)	
Subtotal 76															1.04 (0.64- 1.69)	
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45 (0.75- 2.81)	
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38 (0.78- 2.41)	
Subtotal 77															1.41 (0.92- 2.16)	
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99 (0.11- 9.16)	
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93 (0.39- 2.19)	
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00 (1.83- 34.92)	
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	2.00 (1.30- 3.00)	
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (1.01- 2.07)	
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27 (1.23- 4.18)	
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00 (0.65- 1.55)	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12 (0.90- 1.40)	
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~ (0.04- 13.34)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01 (1.01- 4.00)	
Subtotal 96															1.90 (0.97- 3.72)	
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20 (0.99- 1.46)	
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29 (0.34- 4.91)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31 (0.99- 1.72)	
Subtotal 98															1.31 (1.00- 1.72)	
Partial Totals											759	1546	581	1585		
*prospective study zero															~ With 0.5 adjustment for	

No assoc - no results presente

No assoc - no results presente											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20 (0.50- 3.30)	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88 (0.52- 1.49)	
Partial Totals											0	0	0	0		
*prospective study																

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

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

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

Table 47
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

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

Results presented

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)	
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(0.38-	10.32)	
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)	
Subtotal 3																2.04	(0.91-	4.61)
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)	
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51	(0.14-	1.79)	
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)	
Subtotal 5																0.69	(0.34-	1.41)
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25	(1.05-	4.76)	
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02-	2.08)	
Subtotal 6																1.57	(1.14-	2.17)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)	
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80	(0.39-	6.96)	
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93-	2.76)	
Subtotal 11																1.53	(0.92-	2.55)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87-	1.94)	
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08	(0.70-	23.91)	
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)	
Subtotal 15																2.60	(1.04-	6.53)
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87-	3.09)	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)	
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70-	2.10)	
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)	
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77-	8.85)	
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49-	15.21)	
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)	
Subtotal 23																1.71	(1.00-	2.93)
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41	(0.45-	12.83)	
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.48-	1.18)	
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)	
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.20)	
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)	
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77-	3.87)	
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)	
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47	(0.55-	3.94)	
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)	
Subtotal 37																0.78	(0.45-	1.34)
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)	
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60	(0.67-	3.82)	
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)	
Subtotal 39																1.22	(0.75-	1.99)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)	
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10	(0.60-	1.80)	
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)	
Subtotal 44																1.17	(0.87-	1.57)
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67	(0.22-	2.04)	
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09-	5.85)	
Subtotal 45																1.56	(0.80-	3.06)
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47	(0.81-	2.66)	
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88-	1.39)	
Subtotal 47																1.15	(0.93-	1.42)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31-	1.78)	
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06-	2.21)	
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50-	1.80)	
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93-	3.18)	
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50-	2.90)	
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)	
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)	
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.80-	2.60)	
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56	(0.20-	1.40)	
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)	
Subtotal 57																0.90	(0.57-	1.42)
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)	
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)	
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10-	3.00)	
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)	

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

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

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

Table 47
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Both sexes

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

Results presented

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI	
Subtotal 65																	
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	0.76	(0.48- 1.20)	
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.34	(0.82- 2.17)	
Subtotal 66																	
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.38	(0.94- 2.04)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.77	(1.07- 2.92)	
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.09	(0.74- 1.61)	
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.35	(0.70- 2.63)	
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	1.26	(0.78- 2.03)	
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.90	(0.57- 1.41)	
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	0.40	(0.27- 0.59)	
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	1.86	(0.45- 7.73)	
Subtotal 91																	
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.07	(0.23- 18.34)	
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	1.92	(0.58- 6.33)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	2.50	(1.66- 3.77)	
Subtotal 95																	
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	5.22	(0.25- 109.12)	
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	1.30	(1.09- 1.56)	
Partial Totals											822	96708	814	83612			
*prospective study zero																	

~ With 0.5 adjustment for

None No assoc Sig assoc Results Total

Relative risks

N	46	2	70	118
NS	38	2	54	94
Wt	815.18	18.18	1519.71	2353.06
Het Chi	75.96	0.32	126.83	206.85
Het df	45	1	69	117
Het P	**	N.S.	***	***
Fixed RR	1.13	0.95	1.22	1.19
RRl	1.06	0.60	1.16	1.14
RRu	1.21	1.50	1.28	1.23
P	+++	N.S.	+++	+++
Random RR	1.18	0.95	1.25	1.22
RRl	1.06	0.60	1.15	1.14
RRu	1.31	1.50	1.35	1.30
P	++	N.S.	+++	+++
Asymm P	N.S.		N.S.	(*)
Between Chi		0.57	2.82	3.74
Between df		1	1	2
Between P		N.S.	N.S.	(+)

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

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

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

Table 48
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

By spouse the index or not - adjusted

Yes												Number Exposed		Non-exposed		RR		95.00%CI	
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI			
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(	0.85-	1.61)
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(	0.43-	1.30)
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(	0.38-	10.32)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(	0.81-	5.25)
Subtotal 3															2.04	(	0.91-	4.61)
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(	1.20-	3.59)
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25	(	1.05-	4.76)
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(	1.02-	2.08)
Subtotal 6															1.57	(	1.14-	2.17)
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(	0.20-	5.07)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(	0.25-	2.45)
Subtotal 7															0.85	(	0.34-	2.16)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(	0.81-	1.87)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(	1.09-	3.72)
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(	0.50-	3.30)
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80	(	0.39-	6.96)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(	0.93-	2.76)
Subtotal 11															1.53	(	0.92-	2.55)
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30	(	0.38-	4.39)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(	0.37-	2.71)
Subtotal 12															1.11	(	0.51-	2.40)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(	0.87-	1.94)
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08	(	0.70-	23.91)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(	0.76-	6.56)
Subtotal 15															2.60	(	1.04-	6.53)
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(	0.87-	3.09)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(	1.16-	2.35)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(	0.70-	2.10)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(	0.48-	8.56)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(	1.08-	4.29)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(	0.77-	8.85)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(	0.64-	1.82)
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(	0.49-	15.21)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(	0.92-	2.87)
Subtotal 23															1.71	(	1.00-	2.93)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(	0.70-	1.64)
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(	0.48-	1.18)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(	1.09-	4.08)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(	0.78-	1.63)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(	0.60-	0.90)
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(	0.80-	1.20)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(	0.80-	3.00)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(	0.64-	1.85)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(	0.77-	3.87)
36	PONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(	1.04-	1.60)
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47	(	0.55-	3.94)
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(	0.30-	1.13)
Subtotal 37															0.78	(	0.45-	1.34)
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60	(	0.67-	3.82)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(	0.60-	1.94)
Subtotal 39															1.22	(	0.75-	1.99)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(	0.80-	1.69)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(	0.67-	1.84)
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10	(	0.60-	1.80)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(	0.80-	1.60)
Subtotal 44															1.17	(	0.87-	1.57)
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47	(	0.81-	2.66)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(	0.88-	1.39)
Subtotal 47															1.15	(	0.93-	1.42)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(	1.06-	2.21)
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00	(	0.50-	1.80)
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(	0.93-	3.18)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(	0.50-	2.90)
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(	0.80-	1.50)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(	1.29-	2.71)
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50	(	0.80-	2.60)
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(	0.67-	4.60)

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

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

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

Table 48
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

By spouse the index or not - adjusted

Yes

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)	
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63	(0.33-	1.22)	
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66-	1.33)	
Subtotal 63																		
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10-	3.00)	
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)	
Subtotal 65																		
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)	
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78-	2.03)	
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00	(0.65-	1.55)	
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~	(0.25-	109.12)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09-	1.56)	
Subtotal 95																		
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~	(0.04-	13.34)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)	
Subtotal 96																		
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29	(0.34-	4.91)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99-	1.72)	
Subtotal 98																		
Partial Totals											850	96275	900	83774				
*prospective study zero											~ With 0.5 adjustment for zero							

No

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51	(0.14-	1.79)
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)
Subtotal 5																	
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39-	6.90)
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41	(0.45-	12.83)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53-	3.49)
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30-	1.96)
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)
40	SCHWAR	8	c	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.80-	1.60)
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26-	5.10)
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67	(0.22-	2.04)
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09-	5.85)
Subtotal 45																	
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	0.69	(0.28-	1.74)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31-	1.78)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56	(0.20-	1.40)
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)
Subtotal 57																	
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.91-	1.45)
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21-	1.09)
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34	(0.82-	2.17)
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94-	2.04)
Subtotal 66																	
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.38-	1.90)
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(1.07-	2.92)
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80	(1.10-	3.00)
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41	(0.60-	3.30)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)
Subtotal 70																	
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.72-	2.61)
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70-	2.63)
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08	(0.56-	2.09)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49-	2.01)
Subtotal 76																	
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45	(0.75-	2.81)
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(0.78-	2.41)
Subtotal 77																	
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99	(0.11-	9.16)
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93	(0.39-	2.19)
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00	(1.83-	34.92)

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

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

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

Table 48
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By spouse the index or not - adjusted

No											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	2.00 (1.30- 3.00)	
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90 (0.57- 1.41)	
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (1.01- 2.07)	
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40 (0.27- 0.59)	
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27 (1.23- 4.18)	
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.86 (0.45- 7.73)	
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07 (0.23- 18.34)	
Subtotal 91															1.92 (0.58- 6.33)	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12 (0.90- 1.40)	
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50 (1.66- 3.77)	
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20 (0.99- 1.46)	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88 (0.52- 1.49)	
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	1.20 (1.08- 1.34)	
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	0.71 (0.48- 1.05)	
Partial Totals											731	1979	495	1423		

*prospective study

Yes No Total

Relative risks

N	70	48	118
NS	54	40	94
Wt	1326.00	1027.06	2353.06
Het Chi	102.31	104.52	206.85
Het df	69	47	117
Het P	**	***	***
Fixed RR	1.18	1.19	1.19
RRl	1.12	1.12	1.14
RRu	1.25	1.27	1.23
P	+++	+++	+++
Random RR	1.22	1.20	1.22
RRl	1.13	1.07	1.14
RRu	1.32	1.35	1.30
P	+++	++	+++
Asymm P	**	N.S.	(*)
Between Chi		0.02	0.02
Between df		1	1
Between P		N.S.	N.S.

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

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

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

Table 49
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Both sexes
 By end year of study (grouped) - adjusted

											Number Exposed		Non-exposed			
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI
-1979																
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85- 1.61)
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43- 1.30)
Totals											122	94946	115	81932		
*prospective study																
1980-89																
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(0.38- 10.32)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81- 5.25)
Subtotal 3															2.04	(0.91- 4.61)
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20- 3.59)
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51	(0.14- 1.79)
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34- 1.90)
Subtotal 5															0.69	(0.34- 1.41)
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25	(1.05- 4.76)
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02- 2.08)
Subtotal 6															1.57	(1.14- 2.17)
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(0.20- 5.07)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25- 2.45)
Subtotal 7															0.85	(0.34- 2.16)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81- 1.87)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09- 3.72)
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50- 3.30)
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80	(0.39- 6.96)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93- 2.76)
Subtotal 11															1.53	(0.92- 2.55)
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30	(0.38- 4.39)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37- 2.71)
Subtotal 12															1.11	(0.51- 2.40)
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39- 6.90)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87- 1.94)
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08	(0.70- 23.91)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76- 6.56)
Subtotal 15															2.60	(1.04- 6.53)
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87- 3.09)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16- 2.35)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70- 2.10)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48- 8.56)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08- 4.29)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77- 8.85)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64- 1.82)
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49- 15.21)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92- 2.87)
Subtotal 23															1.71	(1.00- 2.93)
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41	(0.45- 12.83)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70- 1.64)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53- 3.49)
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.48- 1.18)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09- 4.08)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78- 1.63)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60- 0.90)
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30- 1.96)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64- 1.85)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77- 3.87)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04- 1.60)
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47	(0.55- 3.94)
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30- 1.13)
Subtotal 37															0.78	(0.45- 1.34)
40	SCHWAR	8	c	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.80- 1.60)
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10	(0.60- 1.80)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80- 1.60)
Subtotal 44															1.17	(0.87- 1.57)
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08	(0.56- 2.09)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49- 2.01)
Subtotal 76															1.04	(0.64- 1.69)
Partial Totals											552	1293	343	1219		

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

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

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

Table 49
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By end year of study (grouped) - adjusted

1980-89

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed Case	Cont	Non-exposed Case	Cont	RR	95.00%CI	
*prospective study																	
1990-																	
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI	
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00 (0.80-	1.20)	
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60 (0.80-	3.00)	
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57 (0.84-	7.85)	
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60 (0.67-	3.82)	
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08 (0.60-	1.94)	
Subtotal 39																1.22 (0.75-	1.99)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11 (0.67-	1.84)	
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67 (0.22-	2.04)	
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52 (1.09-	5.85)	
Subtotal 45																1.56 (0.80-	3.06)
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	0.69 (0.28-	1.74)	
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47 (0.81-	2.66)	
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11 (0.88-	1.39)	
Subtotal 47																1.15 (0.93-	1.42)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75 (0.31-	1.78)	
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53 (1.06-	2.21)	
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00 (0.50-	1.80)	
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72 (0.93-	3.18)	
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20 (0.50-	2.90)	
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50 (0.30-	6.30)	
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10 (0.80-	1.50)	
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87 (1.29-	2.71)	
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56 (0.20-	1.40)	
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03 (0.60-	1.70)	
Subtotal 57																0.90 (0.57-	1.42)
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20 (0.62-	2.30)	
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15 (0.91-	1.45)	
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80 (0.67-	4.60)	
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63 (0.33-	1.22)	
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94 (0.66-	1.33)	
Subtotal 63																0.86 (0.63-	1.17)
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48 (0.21-	1.09)	
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40 (0.10-	3.00)	
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80 (0.50-	1.30)	
Subtotal 65																0.76 (0.48-	1.20)
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34 (0.82-	2.17)	
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38 (0.94-	2.04)	
Subtotal 66																1.36 (1.01-	1.85)
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	0.84 (0.38-	1.90)	
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77 (1.07-	2.92)	
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80 (1.10-	3.00)	
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41 (0.60-	3.30)	
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15 (0.63-	2.10)	
Subtotal 70																1.23 (0.75-	2.01)
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37 (0.72-	2.61)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09 (0.74-	1.61)	
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35 (0.70-	2.63)	
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45 (0.75-	2.81)	
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38 (0.78-	2.41)	
Subtotal 77																1.41 (0.92-	2.16)
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99 (0.11-	9.16)	
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00 (1.83-	34.92)	
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26 (0.78-	2.03)	
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	2.00 (1.30-	3.00)	
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90 (0.57-	1.41)	
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (1.01-	2.07)	
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40 (0.27-	0.59)	
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27 (1.23-	4.18)	
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00 (0.65-	1.55)	
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.86 (0.45-	7.73)	
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07 (0.23-	18.34)	
Subtotal 91																1.92 (0.58-	6.33)

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

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

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

Table 49
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By end year of study (grouped) - adjusted

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(0.90-	1.40)	
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66-	3.77)	
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~	(0.25-	109.12)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09-	1.56)	
Subtotal 95																		
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~	(0.04-	13.34)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)	
Subtotal 96																		
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(0.99-	1.46)	
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29	(0.34-	4.91)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99-	1.72)	
Subtotal 98																		
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52-	1.49)	
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.08-	1.34)	
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	0.71	(0.48-	1.05)	
Partial Totals												815	1859	913	1980			
*prospective study zero																		
~ With 0.5 adjustment for																		

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80-	1.69)	
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26-	5.10)	
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.80-	2.60)	
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)	
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93	(0.39-	2.19)	
Partial Totals												92	156	24	66			
*prospective study																		

	-1979	1980-89	1990-	Unknown	Total
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Relative risks

N	2	47	64	5	118
NS	2	36	51	5	94
Wt	50.20	637.77	1589.49	75.61	2353.06
Het Chi	1.85	72.88	125.12	6.06	206.85
Het df	1	46	63	4	117
Het P	N.S.	**	***	N.S.	***
Fixed RR	1.04	1.18	1.19	1.23	1.19
RRl	0.79	1.09	1.13	0.98	1.14
RRu	1.38	1.27	1.25	1.54	1.23
P	N.S.	+++	+++	(+)	+++
Random RR	0.99	1.26	1.20	1.27	1.22
RRl	0.66	1.13	1.11	0.94	1.14
RRu	1.51	1.41	1.31	1.70	1.30
P	N.S.	+++	+++	N.S.	+++
Asymm P		**	N.S.	N.S.	(*)
Between Chi		0.69	0.84	0.78	0.95
Between df		1	1	1	3
Between P		N.S.	N.S.	N.S.	N.S.

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

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

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

Table 50
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By considered by EPA or not - adjusted

No												Number Exposed		Non-exposed			
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI	
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49-	15.21)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)
Subtotal 23															1.71	(1.00-	2.93)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.20)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77-	3.87)
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47	(0.55-	3.94)
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)
Subtotal 37															0.78	(0.45-	1.34)
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60	(0.67-	3.82)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)
Subtotal 39															1.22	(0.75-	1.99)
40	SCHWAR	8	c	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.80-	1.60)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80-	1.69)
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26-	5.10)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10	(0.60-	1.80)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)
Subtotal 44															1.17	(0.87-	1.57)
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67	(0.22-	2.04)
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09-	5.85)
Subtotal 45															1.56	(0.80-	3.06)
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	0.69	(0.28-	1.74)
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47	(0.81-	2.66)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88-	1.39)
Subtotal 47															1.15	(0.93-	1.42)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31-	1.78)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06-	2.21)
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50-	1.80)
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93-	3.18)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50-	2.90)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.80-	2.60)
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56	(0.20-	1.40)
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)
Subtotal 57															0.90	(0.57-	1.42)
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.91-	1.45)
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(0.67-	4.60)
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63	(0.33-	1.22)
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66-	1.33)
Subtotal 63															0.86	(0.63-	1.17)
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21-	1.09)
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10-	3.00)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)
Subtotal 65															0.76	(0.48-	1.20)
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34	(0.82-	2.17)
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94-	2.04)
Subtotal 66															1.36	(1.01-	1.85)
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.38-	1.90)
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(1.07-	2.92)
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80	(1.10-	3.00)
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41	(0.60-	3.30)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)
Subtotal 70															1.23	(0.75-	2.01)
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.72-	2.61)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70-	2.63)
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08	(0.56-	2.09)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49-	2.01)
Subtotal 76															1.04	(0.64-	1.69)

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

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

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

Table 50
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

By considered by EPA or not - adjusted

No											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45 (0.75- 2.81)	
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38 (0.78- 2.41)	
Subtotal 77															1.41 (0.92- 2.16)	
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99 (0.11- 9.16)	
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93 (0.39- 2.19)	
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00 (1.83- 34.92)	
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26 (0.78- 2.03)	
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	2.00 (1.30- 3.00)	
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90 (0.57- 1.41)	
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (1.01- 2.07)	
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40 (0.27- 0.59)	
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27 (1.23- 4.18)	
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00 (0.65- 1.55)	
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.86 (0.45- 7.73)	
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07 (0.23- 18.34)	
Subtotal 91															1.92 (0.58- 6.33)	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12 (0.90- 1.40)	
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50 (1.66- 3.77)	
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~ (0.25- 109.12)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30 (1.09- 1.56)	
Subtotal 95															1.31 (1.09- 1.56)	
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~ (0.04- 13.34)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01 (1.01- 4.00)	
Subtotal 96															1.90 (0.97- 3.72)	
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20 (0.99- 1.46)	
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29 (0.34- 4.91)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31 (0.99- 1.72)	
Subtotal 98															1.31 (1.00- 1.72)	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88 (0.52- 1.49)	
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	1.20 (1.08- 1.34)	
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	0.71 (0.48- 1.05)	
Partial Totals											1005	2263	1002	2312		
*prospective study																~ With 0.5 adjustment for
zero																
Yes											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17 (0.85- 1.61)	
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75 (0.43- 1.30)	
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97 (0.38- 10.32)	
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07 (0.81- 5.25)	
Subtotal 3															2.04 (0.91- 4.61)	
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08 (1.20- 3.59)	
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51 (0.14- 1.79)	
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80 (0.34- 1.90)	
Subtotal 5															0.69 (0.34- 1.41)	
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25 (1.05- 4.76)	
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45 (1.02- 2.08)	
Subtotal 6															1.57 (1.14- 2.17)	
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00 (0.20- 5.07)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79 (0.25- 2.45)	
Subtotal 7															0.85 (0.34- 2.16)	
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23 (0.81- 1.87)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (1.09- 3.72)	
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20 (0.50- 3.30)	
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80 (0.39- 6.96)	
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50 (0.93- 2.76)	
Subtotal 11															1.53 (0.92- 2.55)	
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30 (0.38- 4.39)	
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00 (0.37- 2.71)	
Subtotal 12															1.11 (0.51- 2.40)	
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68 (0.39- 6.90)	
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30 (0.87- 1.94)	
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08 (0.70- 23.91)	
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20 (0.76- 6.56)	
Subtotal 15															2.60 (1.04- 6.53)	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64 (0.87- 3.09)	

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

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

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

Table 50
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By considered by EPA or not - adjusted

Yes											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65 (1.16- 2.35)	
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20 (0.70- 2.10)	
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02 (0.48- 8.56)	
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16 (1.08- 4.29)	
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25 (0.77- 8.85)	
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08 (0.64- 1.82)	
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41 (0.45- 12.83)	
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36 (0.53- 3.49)	
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75 (0.48- 1.18)	
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11 (1.09- 4.08)	
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13 (0.78- 1.63)	
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70 (0.60- 0.90)	
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77 (0.30- 1.96)	
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29 (1.04- 1.60)	
Partial Totals											576	95991	393	82885		
*prospective study																

No Yes Total

Relative risks

N	81	37	118
NS	64	30	94
Wt	1824.86	528.21	2353.06
Het Chi	139.74	67.09	206.85
Het df	80	36	117
Het P	***	**	***
Fixed RR	1.19	1.18	1.19
RRl	1.13	1.08	1.14
RRu	1.24	1.28	1.23
P	+++	+++	+++
Random RR	1.20	1.29	1.22
RRl	1.11	1.12	1.14
RRu	1.29	1.48	1.30
P	+++	+++	+++
Asymm P	N.S.	*	(*)
Between Chi		0.02	0.02
Between df		1	1
Between P		N.S.	N.S.

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

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

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

Table 51
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

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

Never											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75 (0.43- 1.30)	
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97 (0.38- 10.32)	
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07 (0.81- 5.25)	
Subtotal 3																
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08 (1.20- 3.59)	
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51 (0.14- 1.79)	
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80 (0.34- 1.90)	
Subtotal 5																
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25 (1.05- 4.76)	
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45 (1.02- 2.08)	
Subtotal 6																
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00 (0.20- 5.07)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79 (0.25- 2.45)	
Subtotal 7																
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23 (0.81- 1.87)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (1.09- 3.72)	
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20 (0.50- 3.30)	
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80 (0.39- 6.96)	
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50 (0.93- 2.76)	
Subtotal 11																
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30 (0.38- 4.39)	
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00 (0.37- 2.71)	
Subtotal 12																
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68 (0.39- 6.90)	
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30 (0.87- 1.94)	
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20 (0.70- 2.10)	
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02 (0.48- 8.56)	
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16 (1.08- 4.29)	
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25 (0.77- 8.85)	
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08 (0.64- 1.82)	
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73 (0.49- 15.21)	
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63 (0.92- 2.87)	
Subtotal 23																
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41 (0.45- 12.83)	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07 (0.70- 1.64)	
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11 (1.09- 4.08)	
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13 (0.78- 1.63)	
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70 (0.60- 0.90)	
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00 (0.80- 1.20)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09 (0.64- 1.85)	
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72 (0.77- 3.87)	
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60 (0.67- 3.82)	
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08 (0.60- 1.94)	
Subtotal 39																
40	SCHWAR	8	c	t	h	a	e	a	2	2	-	-	-	-	1.10 (0.80- 1.60)	
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16 (0.80- 1.69)	
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53 (1.26- 5.10)	
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11 (0.67- 1.84)	
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10 (0.60- 1.80)	
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20 (0.80- 1.60)	
Subtotal 44																
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	0.69 (0.28- 1.74)	
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75 (0.31- 1.78)	
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53 (1.06- 2.21)	
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50 (0.30- 6.30)	
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80 (0.67- 4.60)	
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63 (0.33- 1.22)	
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94 (0.66- 1.33)	
Subtotal 63																
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34 (0.82- 2.17)	
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38 (0.94- 2.04)	
Subtotal 66																
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	0.84 (0.38- 1.90)	
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77 (1.07- 2.92)	
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80 (1.10- 3.00)	

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

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

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

Table 51
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

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

Never											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37 (0.72- 2.61)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09 (0.74- 1.61)	
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00 (1.83- 34.92)	
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26 (0.78- 2.03)	
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (1.01- 2.07)	
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27 (1.23- 4.18)	
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00 (0.65- 1.55)	
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50 (1.66- 3.77)	
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20 (0.99- 1.46)	
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29 (0.34- 4.91)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31 (0.99- 1.72)	
Subtotal 98															1.31 (1.00- 1.72)	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88 (0.52- 1.49)	
Partial Totals											956	1789	522	1452		
*prospective study																
Other																
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
Case	Cont	Case	Cont													
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17 (0.85- 1.61)	
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08 (0.70- 23.91)	
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20 (0.76- 6.56)	
Subtotal 15															2.60 (1.04- 6.53)	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64 (0.87- 3.09)	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65 (1.16- 2.35)	
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36 (0.53- 3.49)	
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75 (0.48- 1.18)	
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77 (0.30- 1.96)	
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60 (0.80- 3.00)	
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29 (1.04- 1.60)	
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47 (0.55- 3.94)	
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58 (0.30- 1.13)	
Subtotal 37															0.78 (0.45- 1.34)	
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57 (0.84- 7.85)	
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67 (0.22- 2.04)	
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52 (1.09- 5.85)	
Subtotal 45															1.56 (0.80- 3.06)	
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47 (0.81- 2.66)	
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11 (0.88- 1.39)	
Subtotal 47															1.15 (0.93- 1.42)	
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00 (0.50- 1.80)	
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72 (0.93- 3.18)	
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20 (0.50- 2.90)	
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10 (0.80- 1.50)	
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87 (1.29- 2.71)	
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50 (0.80- 2.60)	
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56 (0.20- 1.40)	
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03 (0.60- 1.70)	
Subtotal 57															0.90 (0.57- 1.42)	
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20 (0.62- 2.30)	
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15 (0.91- 1.45)	
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00 (0.67- 1.49)	
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48 (0.21- 1.09)	
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40 (0.10- 3.00)	
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80 (0.50- 1.30)	
Subtotal 65															0.76 (0.48- 1.20)	
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41 (0.60- 3.30)	
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15 (0.63- 2.10)	
Subtotal 70															1.23 (0.75- 2.01)	
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35 (0.70- 2.63)	
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08 (0.56- 2.09)	
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00 (0.49- 2.01)	
Subtotal 76															1.04 (0.64- 1.69)	
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45 (0.75- 2.81)	
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38 (0.78- 2.41)	

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

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

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

Table 51
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

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

Other											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
Subtotal 77															1.41 (0.92- 2.16)	
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99 (0.11- 9.16)	
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93 (0.39- 2.19)	
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	2.00 (1.30- 3.00)	
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90 (0.57- 1.41)	
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40 (0.27- 0.59)	
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.86 (0.45- 7.73)	
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07 (0.23- 18.34)	
Subtotal 91															1.92 (0.58- 6.33)	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12 (0.90- 1.40)	
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~ (0.25- 109.12)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30 (1.09- 1.56)	
Subtotal 95															1.31 (1.09- 1.56)	
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~ (0.04- 13.34)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01 (1.01- 4.00)	
Subtotal 96															1.90 (0.97- 3.72)	
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	1.20 (1.08- 1.34)	
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	0.71 (0.48- 1.05)	
Partial Totals											625	96465	873	83745		
*prospective study zero															~ With 0.5 adjustment for	

Never Other Total

Relative risks

N	66	52	118
NS	54	40	94
Wt	1093.23	1259.83	2353.06
Het Chi	109.81	96.74	206.85
Het df	65	51	117
Het P	***	***	***
Fixed RR	1.20	1.17	1.19
RRl	1.13	1.11	1.14
RRu	1.27	1.24	1.23
P	+++	+++	+++
Random RR	1.27	1.16	1.22
RRl	1.17	1.05	1.14
RRu	1.39	1.27	1.30
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 selected according to the following order of preference:

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

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

Table 52
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Both sexes

By interview method/setting - adjusted

Hospital

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43-	1.30)	
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)	
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(0.20-	5.07)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)	
Subtotal 7																		
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)	
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30	(0.38-	4.39)	
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37-	2.71)	
Subtotal 12																		
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)	
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60	(0.67-	3.82)	
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)	
Subtotal 39																		
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26-	5.10)	
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06-	2.21)	
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50-	2.90)	
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)	
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21-	1.09)	
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99	(0.11-	9.16)	
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93	(0.39-	2.19)	
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50	(1.66-	3.77)	
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~	(0.25-	109.12)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09-	1.56)	
Subtotal 95																		
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~	(0.04-	13.34)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)	
Subtotal 96																		
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(0.99-	1.46)	
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	0.71	(0.48-	1.05)	
Partial Totals																		
											383	849	542	1066				
*prospective study zero ~ With 0.5 adjustment for																		

Home

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51	(0.14-	1.79)	
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)	
Subtotal 5																		
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25	(1.05-	4.76)	
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02-	2.08)	
Subtotal 6																		
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80	(0.39-	6.96)	
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93-	2.76)	
Subtotal 11																		
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39-	6.90)	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87-	3.09)	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)	
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77-	3.87)	
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47	(0.55-	3.94)	
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)	
Subtotal 37																		
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10	(0.60-	1.80)	
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)	
Subtotal 44																		
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.17	(0.87-	1.57)	
Partial Totals																		
											38	220	14	66				
*prospective study																		

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

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

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

Table 52
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Both sexes
 By interview method/setting - adjusted

Telephone

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

*prospective study

Self-completion

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85- 1.61)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48- 8.56)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64- 1.82)
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41	(0.45- 12.83)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78- 1.63)
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	0.69	(0.28- 1.74)
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93- 3.18)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30- 6.30)
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62- 2.30)
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(0.67- 4.60)
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63	(0.33- 1.22)
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66- 1.33)
Subtotal 63															0.86	(0.63- 1.17)
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	0.84	(0.38- 1.90)
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08	(0.56- 2.09)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00	(0.49- 2.01)
Subtotal 76															1.04	(0.64- 1.69)
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45	(0.75- 2.81)
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38	(0.78- 2.41)
Subtotal 77															1.41	(0.92- 2.16)
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78- 2.03)
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00	(0.65- 1.55)
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29	(0.34- 4.91)
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99- 1.72)
Subtotal 98															1.31	(1.00- 1.72)
Partial Totals											239	95106	157	82005		

*prospective study

Othr/unkn

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(0.38- 10.32)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81- 5.25)
Subtotal 3															2.04	(0.91- 4.61)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87- 1.94)
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08	(0.70- 23.91)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76- 6.56)
Subtotal 15															2.60	(1.04- 6.53)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16- 2.35)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08- 4.29)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77- 8.85)
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49- 15.21)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92- 2.87)
Subtotal 23															1.71	(1.00- 2.93)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53- 3.49)
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.48- 1.18)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60- 0.90)
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30- 1.96)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80- 3.00)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64- 1.85)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04- 1.60)
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84- 7.85)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80- 1.69)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67- 1.84)
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67	(0.22- 2.04)
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09- 5.85)
Subtotal 45															1.56	(0.80- 3.06)

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

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

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

Table 52
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Both sexes
 By interview method/setting - adjusted

Othr/unkn

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47	(0.81-	2.66)	
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88-	1.39)	
Subtotal 47																		
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31-	1.78)	
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50-	1.80)	
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)	
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.80-	2.60)	
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56	(0.20-	1.40)	
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)	
Subtotal 57																		
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.91-	1.45)	
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)	
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10-	3.00)	
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)	
Subtotal 65																		
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34	(0.82-	2.17)	
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94-	2.04)	
Subtotal 66																		
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(1.07-	2.92)	
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80	(1.10-	3.00)	
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41	(0.60-	3.30)	
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)	
Subtotal 70																		
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.72-	2.61)	
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70-	2.63)	
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00	(1.83-	34.92)	
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.30-	3.00)	
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90	(0.57-	1.41)	
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(1.01-	2.07)	
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40	(0.27-	0.59)	
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.23-	4.18)	
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.86	(0.45-	7.73)	
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07	(0.23-	18.34)	
Subtotal 91																		
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12	(0.90-	1.40)	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52-	1.49)	
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	1.20	(1.08-	1.34)	
Partial Totals												921	2079	682	2060			

*prospective study

	Hospital	Home Telephone	Self-comp	Othr/unkn	Total
Relative risks					
N	25	15	4	21	53
NS	20	10	4	17	43
Wt	452.84	180.59	142.49	285.80	1291.34
Het Chi	48.51	14.54	0.59	12.78	121.06
Het df	24	14	3	20	52
Het P	**	N.S.	N.S.	N.S.	***
Fixed RR	1.33	1.22	1.04	1.15	1.16
RRl	1.21	1.06	0.89	1.03	1.10
RRu	1.46	1.42	1.23	1.29	1.22
P	+++	++	N.S.	+	+++
Random RR	1.36	1.22	1.04	1.15	1.22
RRl	1.15	1.05	0.89	1.03	1.10
RRu	1.59	1.42	1.23	1.29	1.35
P	+++	++	N.S.	+	+++
Asymm P	N.S.	N.S.	(*)	N.S.	(*)
Between Chi		0.86	6.31	3.61	6.38
Between df		1	1	1	1
Between P		N.S.	-	(-)	-

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

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

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

Table 53
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Both sexes

By any proxy use or not - adjusted

No												Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont			
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17 (0.85-	1.61)	
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75 (0.43-	1.30)	
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08 (1.20-	3.59)	
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25 (1.05-	4.76)	
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45 (1.02-	2.08)	
Subtotal 6															1.57 (1.14-	2.17)	
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00 (0.20-	5.07)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79 (0.25-	2.45)	
Subtotal 7															0.85 (0.34-	2.16)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (1.09-	3.72)	
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20 (0.50-	3.30)	
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30 (0.38-	4.39)	
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00 (0.37-	2.71)	
Subtotal 12															1.11 (0.51-	2.40)	
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30 (0.87-	1.94)	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64 (0.87-	3.09)	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65 (1.16-	2.35)	
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02 (0.48-	8.56)	
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08 (0.64-	1.82)	
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73 (0.49-	15.21)	
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63 (0.92-	2.87)	
Subtotal 23															1.71 (1.00-	2.93)	
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41 (0.45-	12.83)	
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36 (0.53-	3.49)	
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11 (1.09-	4.08)	
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13 (0.78-	1.63)	
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70 (0.60-	0.90)	
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77 (0.30-	1.96)	
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72 (0.77-	3.87)	
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57 (0.84-	7.85)	
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60 (0.67-	3.82)	
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08 (0.60-	1.94)	
Subtotal 39															1.22 (0.75-	1.99)	
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16 (0.80-	1.69)	
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53 (1.26-	5.10)	
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11 (0.67-	1.84)	
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10 (0.60-	1.80)	
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20 (0.80-	1.60)	
Subtotal 44															1.17 (0.87-	1.57)	
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47 (0.81-	2.66)	
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11 (0.88-	1.39)	
Subtotal 47															1.15 (0.93-	1.42)	
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75 (0.31-	1.78)	
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53 (1.06-	2.21)	
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00 (0.50-	1.80)	
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72 (0.93-	3.18)	
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20 (0.50-	2.90)	
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50 (0.30-	6.30)	
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87 (1.29-	2.71)	
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50 (0.80-	2.60)	
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80 (0.67-	4.60)	
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00 (0.67-	1.49)	
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63 (0.33-	1.22)	
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94 (0.66-	1.33)	
Subtotal 63															0.86 (0.63-	1.17)	
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48 (0.21-	1.09)	
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40 (0.10-	3.00)	
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80 (0.50-	1.30)	
Subtotal 65															0.76 (0.48-	1.20)	
*67	EPICA	7	c	t	h	a	c	a	2	7	-	-	-	-	0.84 (0.38-	1.90)	
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77 (1.07-	2.92)	
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80 (1.10-	3.00)	
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41 (0.60-	3.30)	
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15 (0.63-	2.10)	
Subtotal 70															1.23 (0.75-	2.01)	
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37 (0.72-	2.61)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09 (0.74-	1.61)	

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

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

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

Table 53
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

By any proxy use or not - adjusted

No											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08 (0.56- 2.09)	
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00 (0.49- 2.01)	
Subtotal 76															1.04 (0.64- 1.69)	
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45 (0.75- 2.81)	
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38 (0.78- 2.41)	
Subtotal 77															1.41 (0.92- 2.16)	
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99 (0.11- 9.16)	
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00 (1.83- 34.92)	
*81	KURAHA	10	f	t	s	c	e	a	2	5	-	-	-	-	1.26 (0.78- 2.03)	
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90 (0.57- 1.41)	
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (1.01- 2.07)	
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40 (0.27- 0.59)	
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00 (0.65- 1.55)	
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.86 (0.45- 7.73)	
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07 (0.23- 18.34)	
Subtotal 91															1.92 (0.58- 6.33)	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12 (0.90- 1.40)	
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50 (1.66- 3.77)	
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~ (0.25- 109.12)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30 (1.09- 1.56)	
Subtotal 95															1.31 (1.09- 1.56)	
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~ (0.04- 13.34)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01 (1.01- 4.00)	
Subtotal 96															1.90 (0.97- 3.72)	
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20 (0.99- 1.46)	
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29 (0.34- 4.91)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31 (0.99- 1.72)	
Subtotal 98															1.31 (1.00- 1.72)	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88 (0.52- 1.49)	
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	1.20 (1.08- 1.34)	
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	0.71 (0.48- 1.05)	
Partial Totals											1260	97211	1243	84505		
*prospective study																~ With 0.5 adjustment for
zero																

Yes											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97 (0.38- 10.32)	
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07 (0.81- 5.25)	
Subtotal 3															2.04 (0.91- 4.61)	
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51 (0.14- 1.79)	
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80 (0.34- 1.90)	
Subtotal 5															0.69 (0.34- 1.41)	
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23 (0.81- 1.87)	
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80 (0.39- 6.96)	
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50 (0.93- 2.76)	
Subtotal 11															1.53 (0.92- 2.55)	
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68 (0.39- 6.90)	
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08 (0.70- 23.91)	
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20 (0.76- 6.56)	
Subtotal 15															2.60 (1.04- 6.53)	
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20 (0.70- 2.10)	
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25 (0.77- 8.85)	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07 (0.70- 1.64)	
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75 (0.48- 1.18)	
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00 (0.80- 1.20)	
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60 (0.80- 3.00)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09 (0.64- 1.85)	
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29 (1.04- 1.60)	
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47 (0.55- 3.94)	
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58 (0.30- 1.13)	
Subtotal 37															0.78 (0.45- 1.34)	
40	SCHWAR	8	c	t	h	a	e	a	2	2	-	-	-	-	1.10 (0.80- 1.60)	
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	0.69 (0.28- 1.74)	
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10 (0.80- 1.50)	
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56 (0.20- 1.40)	
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03 (0.60- 1.70)	

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

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

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

Table 53
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes
By any proxy use or not - adjusted

Yes

StN	Ref	NRR	SEX TYP EXP MAR TIM HOU UNX ADJ								Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
Subtotal 57																0.90	(0.57-	1.42)
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)	
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.91-	1.45)	
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34	(0.82-	2.17)	
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94-	2.04)	
Subtotal 66																1.36	(1.01-	1.85)
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35	(0.70-	2.63)	
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.30-	3.00)	
Partial Totals											192	715	99	540				

*prospective study

Unknown

StN	Ref	NRR	SEX TYP EXP MAR TIM HOU UNX ADJ								Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)	
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67	(0.22-	2.04)	
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09-	5.85)	
Subtotal 45																1.56	(0.80-	3.06)
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93	(0.39-	2.19)	
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27	(1.23-	4.18)	
Partial Totals											129	328	53	152				

*prospective study

No Yes Unknown Total

Relative risks

N	82	31	5	118
NS	66	24	4	94
Wt	1751.45	569.51	32.11	2353.06
Het Chi	161.03	33.98	6.73	206.85
Het df	81	30	4	117
Het P	***	N.S.	N.S.	***
Fixed RR	1.18	1.16	1.75	1.19
RRl	1.13	1.07	1.24	1.14
RRu	1.24	1.26	2.48	1.23
P	+++	+++	++	+++
Random RR	1.22	1.17	1.66	1.22
RRl	1.13	1.07	1.05	1.14
RRu	1.32	1.29	2.64	1.30
P	+++	++	+	+++
Asymm P	N.S.	N.S.	N.S.	(*)
Between Chi		0.12	4.87	5.12
Between df		1	1	2
Between P		N.S.	+	(*)

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

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

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

Table 54

ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

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

No	StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI
	2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43- 1.30)
	4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20- 3.59)
	5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51	(0.14- 1.79)
	5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34- 1.90)
	Subtotal 5																
	7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(0.20- 5.07)
	7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25- 2.45)
	Subtotal 7																
	9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09- 3.72)
	10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50- 3.30)
	11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80	(0.39- 6.96)
	11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93- 2.76)
	Subtotal 11																
	12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30	(0.38- 4.39)
	12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37- 2.71)
	Subtotal 12																
	14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87- 1.94)
	16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87- 3.09)
	17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16- 2.35)
	18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70- 2.10)
	21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77- 8.85)
	22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64- 1.82)
	23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49- 15.21)
	23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92- 2.87)
	Subtotal 23																
	25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70- 1.64)
	26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53- 3.49)
	27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.48- 1.18)
	28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09- 4.08)
	29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78- 1.63)
	30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60- 0.90)
	31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30- 1.96)
	34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64- 1.85)
	35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77- 3.87)
	37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47	(0.55- 3.94)
	37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30- 1.13)
	Subtotal 37																
	38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84- 7.85)
	39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60	(0.67- 3.82)
	39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60- 1.94)
	Subtotal 39																
	41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80- 1.69)
	42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26- 5.10)
	43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67- 1.84)
	47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47	(0.81- 2.66)
	47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88- 1.39)
	Subtotal 47																
	48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31- 1.78)
	49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06- 2.21)
	50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50- 1.80)
	52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50- 2.90)
	55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29- 2.71)
	56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.80- 2.60)
	58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62- 2.30)
	61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67- 1.49)
	64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21- 1.09)
	65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10- 3.00)
	65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50- 1.30)
	Subtotal 65																
	66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34	(0.82- 2.17)
	66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38	(0.94- 2.04)
	Subtotal 66																
	68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77	(1.07- 2.92)
	69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80	(1.10- 3.00)
	70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41	(0.60- 3.30)
	70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63- 2.10)
	Subtotal 70																

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

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

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

Table 54
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Both sexes

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

No

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37 (0.72- 2.61)	
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35 (0.70- 2.63)	
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99 (0.11- 9.16)	
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00 (1.83- 34.92)	
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90 (0.57- 1.41)	
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (1.01- 2.07)	
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40 (0.27- 0.59)	
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00 (0.65- 1.55)	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12 (0.90- 1.40)	
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50 (1.66- 3.77)	
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~(0.25- 109.12)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30 (1.09- 1.56)	
Subtotal 95																
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~(0.04- 13.34)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01 (1.01- 4.00)	
Subtotal 96																
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20 (0.99- 1.46)	
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29 (0.34- 4.91)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31 (0.99- 1.72)	
Subtotal 98																
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	1.20 (1.08- 1.34)	
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	0.71 (0.48- 1.05)	
Partial Totals											1257	2705	1220	2812		
*prospective study																
zero																
																~ With 0.5 adjustment for

Yes

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97 (0.38- 10.32)	
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07 (0.81- 5.25)	
Subtotal 3																
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23 (0.81- 1.87)	
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68 (0.39- 6.90)	
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08 (0.70- 23.91)	
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20 (0.76- 6.56)	
Subtotal 15																
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00 (0.80- 1.20)	
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60 (0.80- 3.00)	
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29 (1.04- 1.60)	
40	SCHWAR	8	c	t	h	a	e	a	2	2	-	-	-	-	1.10 (0.80- 1.60)	
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	0.69 (0.28- 1.74)	
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10 (0.80- 1.50)	
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56 (0.20- 1.40)	
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03 (0.60- 1.70)	
Subtotal 57																
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15 (0.91- 1.45)	
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	2.00 (1.30- 3.00)	
Partial Totals											107	341	57	374		
*prospective study																

Unknown

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16 (1.08- 4.29)	
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67 (0.22- 2.04)	
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52 (1.09- 5.85)	
Subtotal 45																
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93 (0.39- 2.19)	
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27 (1.23- 4.18)	
Partial Totals											129	328	53	152		
*prospective study																

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

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

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

Table 54
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Both sexes

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

Relative risks

	No	Yes	Unknown	Total
N	75	16	5	96
NS	61	13	4	78
Wt	1634.19	406.00	32.11	2072.30
Het Chi	158.99	19.60	6.73	190.32
Het df	74	15	4	95
Het P	***	N.S.	N.S.	***
Fixed RR	1.18	1.18	1.75	1.19
RRl	1.12	1.07	1.24	1.14
RRu	1.24	1.30	2.48	1.24
P	+++	+++	++	+++
Random RR	1.21	1.20	1.66	1.23
RRl	1.11	1.06	1.05	1.14
RRu	1.32	1.37	2.64	1.32
P	+++	++	+	+++
Asymm P	N.S.	N.S.	N.S.	N.S.
Between Chi		0.00	5.00	5.00
Between df		1	1	2
Between P		N.S.	+	(*)

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

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

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

Table A 30
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Alternative EPIC Adulthood results (from nested CC) - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43-	1.30)
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(0.38-	10.32)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)
Subtotal 3																	
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51	(0.14-	1.79)
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)
Subtotal 5																	
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25	(1.05-	4.76)
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02-	2.08)
Subtotal 6																	
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(0.20-	5.07)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)
Subtotal 7																	
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50-	3.30)
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80	(0.39-	6.96)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93-	2.76)
Subtotal 11																	
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30	(0.38-	4.39)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37-	2.71)
Subtotal 12																	
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39-	6.90)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87-	1.94)
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08	(0.70-	23.91)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)
Subtotal 15																	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87-	3.09)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70-	2.10)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77-	8.85)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49-	15.21)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)
Subtotal 23																	
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41	(0.45-	12.83)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53-	3.49)
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.48-	1.18)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78-	1.63)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60-	0.90)
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30-	1.96)
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.20)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77-	3.87)
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47	(0.55-	3.94)
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)
Subtotal 37																	
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60	(0.67-	3.82)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)
Subtotal 39																	
40	SCHWAR	8	c	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.80-	1.60)
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80-	1.69)
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26-	5.10)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10	(0.60-	1.80)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)
Subtotal 44																	
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67	(0.22-	2.04)

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

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

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Table A 30
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Alternative EPIC Adulthood results (from nested CC) - both sexes
Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52 (	1.09-	5.85)
Subtotal 45																	
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	1.56 (	0.80-	3.06)
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47 (	0.81-	2.66)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11 (	0.88-	1.39)
Subtotal 47																	
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75 (	0.31-	1.78)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53 (	1.06-	2.21)
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00 (	0.50-	1.80)
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72 (	0.93-	3.18)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20 (	0.50-	2.90)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50 (	0.30-	6.30)
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10 (	0.80-	1.50)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87 (	1.29-	2.71)
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50 (	0.80-	2.60)
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56 (	0.20-	1.40)
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03 (	0.60-	1.70)
Subtotal 57																	
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20 (	0.62-	2.30)
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15 (	0.91-	1.45)
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80 (	0.67-	4.60)
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00 (	0.67-	1.49)
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63 (	0.33-	1.22)
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94 (	0.66-	1.33)
Subtotal 63																	
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48 (	0.21-	1.09)
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40 (	0.10-	3.00)
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80 (	0.50-	1.30)
Subtotal 65																	
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34 (	0.82-	2.17)
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38 (	0.94-	2.04)
Subtotal 66																	
*67	EPICA	2	c	t	t	a	c	-	2	7	-	-	-	-	1.42 (	0.63-	3.20)
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77 (	1.07-	2.92)
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80 (	1.10-	3.00)
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41 (	0.60-	3.30)
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15 (	0.63-	2.10)
Subtotal 70																	
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37 (	0.72-	2.61)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09 (	0.74-	1.61)
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35 (	0.70-	2.63)
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08 (	0.56-	2.09)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00 (	0.49-	2.01)
Subtotal 76																	
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45 (	0.75-	2.81)
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38 (	0.78-	2.41)
Subtotal 77																	
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99 (	0.11-	9.16)
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93 (	0.39-	2.19)
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00 (	1.83-	34.92)
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26 (	0.78-	2.03)
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	2.00 (	1.30-	3.00)
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90 (	0.57-	1.41)
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (	1.01-	2.07)
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40 (	0.27-	0.59)
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27 (	1.23-	4.18)
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00 (	0.65-	1.55)
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.86 (	0.45-	7.73)
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07 (	0.23-	18.34)
Subtotal 91																	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12 (	0.90-	1.40)
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50 (	1.66-	3.77)
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~(	0.25-	109.12)
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30 (	1.09-	1.56)
Subtotal 95																	
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~(	0.04-	13.34)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01 (	1.01-	4.00)

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

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

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Table A 30
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Alternative EPIC Adulthood results (from nested CC) - both sexes
Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI				
											Case	Cont	Case	Cont						
Subtotal 96																	1.90	(0.97-	3.72)
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20	(	0.99-	1.46)	
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29	(	0.34-	4.91)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(	0.99-	1.72)	
Subtotal 98																	1.31	(1.00-	1.72)
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(	0.52-	1.49)	
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	1.20	(	1.08-	1.34)	
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	0.71	(	0.48-	1.05)	
Partial Totals											1581	98254	1395	85197						
*prospective study zero											~ With 0.5 adjustment for zero									

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
*1	GARFI1	1	f	t	s	c	c	-	2	0	0.16	37.42	0.01	0.3420
2	CHAN	1	f	t	s	a	e	-	2	0	-0.28	12.78	2.66	0.3086
3	CORREA	1	m	t	s	e	e	-	2	0	0.68	1.41	0.36	0.4200
3	CORREA	2	f	t	s	e	e	-	2	0	0.73	4.41	1.35	0.1276
Subtotal 3											0.71	5.82	1.72	
4	TRICHO	1	f	y	s	a	y	-	2	0	0.73	12.77	3.98	0.0091
5	BUFFLE	1	m	t	h	a	e	a	2	0	-0.68	2.42	1.76	0.2896
5	BUFFLE	2	f	t	h	a	e	a	2	0	-0.22	5.19	0.78	0.6209
Subtotal 5											-0.36	7.61	2.54	
*6	HIRAYA	2	m	t	s	c	e	-	2	1	0.81	6.73	2.75	0.0355
*6	HIRAYA	8	f	t	s	c	e	-	2	1	0.37	30.26	1.21	0.0410
Subtotal 6											0.45	36.99	3.96	
7	KABAT1	3	m	t	s	e	e	-	2	0	0.00	1.46	0.04	1.0000
7	KABAT1	4	f	t	s	e	e	-	2	0	-0.24	2.99	0.50	0.6802
Subtotal 7											-0.16	4.45	0.55	
8	GARFI2	3	f	t	s	a	e	-	2	0	0.21	22.25	0.03	0.3229
9	LAMW	1	f	a	s	a	e	-	2	0	0.70	10.14	2.81	0.0261
10	WU	3	f	a	s	e	m	-	2	1	0.18	4.31	0.00	0.7049
11	AKIBA	2	m	t	s	e	e	-	2	5	0.59	1.85	0.32	0.4240
11	AKIBA	4	f	t	s	e	e	-	2	5	0.41	12.99	0.71	0.1440
Subtotal 11											0.43	14.84	1.03	
12	LEE	4	m	t	s	c	m	-	2	1	0.26	2.57	0.02	0.6743
12	LEE	6	f	t	s	c	m	-	2	1	0.00	3.88	0.11	1.0000
Subtotal 12											0.10	6.44	0.14	
13	BROWN1	2	f	a	t	a	e	-	4	3	0.52	1.86	0.22	0.4791
14	GAO	8	f	t	s	a	m	-	4	2	0.27	23.89	0.21	0.1944
15	HUMBL1	2	m	t	s	a	e	-	2	2	1.41	1.23	1.88	0.1185
15	HUMBL1	4	f	t	s	a	e	-	2	2	0.79	3.31	1.26	0.1516
Subtotal 15											0.96	4.54	3.14	
16	KOO	3	f	t	s	e	m	-	2	4	0.49	9.57	1.00	0.1260
17	LAMT	1	f	t	s	a	m	-	2	0	0.50	30.63	3.30	0.0057
18	PERSHA	2	f	t	s	a	m	-	2	2	0.18	12.73	0.00	0.5153
*19	BUTLER	2	f	t	s	c	m	-	2	1	0.70	1.85	0.52	0.3388
20	GENG	1	f	t	s	a	e	-	2	0	0.77	8.13	2.89	0.0285
21	INOUE	2	f	t	s	e	e	-	2	1	0.81	2.58	1.05	0.1930
22	SHIMIZ	2	f	t	s	a	m	-	2	0	0.08	14.20	0.12	0.7646
23	CHOI	1	m	t	s	a	e	-	2	0	1.00	1.30	0.90	0.2525
23	CHOI	2	f	t	s	a	e	-	2	0	0.49	11.99	1.19	0.0916
Subtotal 23											0.54	13.29	2.09	
*24	HOLE	3	c	t	h	a	e	b	6	2	0.88	1.37	0.69	0.3034
25	SCHOEN	2	f	t	s	a	e	-	2	6	0.07	21.00	0.22	0.7533
26	SVENSS	5	f	t	t	a	a	-	1	1	0.31	4.33	0.08	0.5225
27	JANERI	4	c	t	s	a	e	-	2	3	-0.29	18.99	4.01	0.2099
28	KALAND	3	f	t	s	a	m	-	2	4	0.75	8.82	2.92	0.0266
29	SOBUE	2	f	t	s	a	a	-	2	2	0.12	28.29	0.07	0.5157
30	WU-WIL	4	f	t	s	a	e	-	2	3	-0.36	93.46	26.10	0.0006
31	LIUZ	2	f	t	h	a	c	a	2	3	-0.26	4.36	0.82	0.5852
32	BROWN2	4	f	t	s	a	a	-	2	2	0.00	93.46	2.76	1.0000
33	STOCKW	3	f	t	s	a	e	-	7	3	0.47	8.80	0.78	0.1634
34	DU	1	f	t	s	a	e	-	2	0	0.09	13.61	0.10	0.7506
35	LIUQ	2	f	t	s	a	e	-	2	3	0.54	5.89	0.81	0.1880
36	FONTHA	6	f	t	s	a	a	-	2	8	0.25	82.80	0.57	0.0205
37	LAYARD	2	m	t	s	e	e	-	2	2	0.39	3.96	0.18	0.4431
37	LAYARD	4	f	t	s	e	e	-	2	2	-0.54	8.74	4.48	0.1074

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

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

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Table A 30
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Alternative EPIC Adulthood results (from nested CC) - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
Subtotal 37														
38	DEWAAR	1	f	t	t	a	c	-	4	0	-0.25	12.70	4.67	
39	KABAT2	4	m	t	s	e	a	-	2	3	0.94	3.07	1.82	0.0986
39	KABAT2	6	f	t	s	e	a	-	2	3	0.47	5.07	0.45	0.2899
Subtotal 39														
40	SCHWAR	8	c	t	h	a	e	a	2	2	0.08	11.16	0.10	0.7971
41	SUN	2	f	t	s	a	m	-	2	2	0.20	16.23	0.55	
42	WANGS	1	f	t	t	a	e	-	2	0	0.10	31.98	0.19	0.5899
43	WANGT	2	f	t	s	a	m	-	2	0	0.15	27.47	0.01	0.4366
*44	CARDEN	12	m	t	s	c	m	-	2	8	0.93	7.83	4.49	0.0093
*44	CARDEN	10	f	t	s	c	m	-	2	8	0.10	14.90	0.08	0.6978
Subtotal 44														
45	ZHENG	1	m	t	h	a	e	a	2	0	0.10	12.73	0.07	0.7338
45	ZHENG	2	f	t	h	a	e	a	2	0	0.18	31.98	0.00	0.3025
Subtotal 45														
46	AUVINE	2	m	t	t	a	e	-	2	1	0.16	44.71	0.08	
47	BOFFET	7	m	t	s	a	e	-	2	2	-0.41	3.07	1.02	0.4776
47	BOFFET	9	f	t	s	a	e	-	2	2	0.93	5.43	3.09	0.0310
Subtotal 47														
48	SHEN	1	f	a	t	a	y	-	2	0	0.45	8.50	4.11	
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-0.37	4.60	1.36	0.4259
50	BOFFE2	12	c	a	s	a	a	-	2	2	0.39	10.87	0.50	0.2041
*51	JEE	4	f	t	s	c	e	-	2	5	0.10	73.53	0.33	0.3709
52	RAPITI	2	f	t	s	a	e	-	2	3	0.14	84.40	0.83	
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-0.29	5.07	1.10	0.5088
54	ZHONG	2	f	t	s	a	e	-	2	7	0.43	28.46	1.83	0.0233
55	LEECH	8	f	t	s	a	a	-	2	7	0.00	9.36	0.28	1.0000
56	MALATS	12	c	t	s	a	e	-	2	2	0.54	10.17	1.40	0.0838
57	WANGL	34	m	t	h	a	a	a	2	5	0.18	4.97	0.00	0.6843
57	WANGL	36	f	t	h	a	a	a	2	5	0.41	1.66	0.09	0.6016
Subtotal 57														
58	JOHNSO	8	f	t	h	a	e	a	2	4	0.10	38.89	0.23	0.5523
59	LAGARD	6	c	t	h	a	a	a	2	6	0.63	27.89	5.75	0.0009
*60	NISHIN	2	f	t	s	a	c	-	2	7	0.41	11.06	0.60	0.1775
61	OHNO	6	f	t	s	a	e	-	2	2	-0.58	4.06	2.29	0.2428
*63	ENSTRO	6	m	t	s	c	e	-	2	8	0.03	14.17	0.29	0.2428
*63	ENSTRO	12	f	t	s	c	e	-	2	8	0.03	14.17	0.29	0.9114
Subtotal 63														
64	ZATLOU	6	f	g	t	a	a	-	2	3	-0.11	18.22	2.58	
65	IARCKR	3	m	t	s	a	a	-	2	0	0.18	8.94	0.00	0.5856
65	IARCKR	2	f	t	s	a	a	-	2	2	0.14	70.80	0.07	0.2396
Subtotal 65														
66	MCGHEE	1	m	t	h	c	p	a	2	2	0.59	4.14	0.72	0.2317
66	MCGHEE	2	f	t	h	c	p	a	2	2	0.00	24.05	0.71	1.0000
Subtotal 66														
*67	EPICA	2	c	t	t	a	c	-	2	7	-0.46	8.99	3.61	0.1660
68	FANG	2	f	t	t	a	e	-	2	8	-0.06	31.30	1.71	0.7292
69	FRANCO	1	c	t	h	a	e	a	2	2	-0.15	40.28	5.32	
70	GORLOV	1	m	t	h	a	e	a	4	4	-0.73	5.67	4.65	0.0806
70	GORLOV	2	f	t	h	a	e	a	4	4	-0.92	1.33	1.57	0.2910
Subtotal 70														
72	RYLAND	3	c	t	h	a	e	a	2	1	-0.22	16.83	2.62	0.3600
*73	WEN	1	f	t	s	a	m	-	2	9	-0.27	18.16	4.20	
74	YU	1	f	t	t	a	e	-	4	20	0.29	16.22	0.24	0.2385
*76	HILL1	3	m	t	h	a	c	a	2	9	0.32	25.59	0.58	0.1032
*76	HILL1	2	f	t	h	a	c	a	2	2	0.31	41.82	0.82	
Subtotal 76														
*77	HILL2	1	m	t	h	a	c	a	2	2	0.35	5.82	0.19	0.3977
*77	HILL2	3	f	t	h	a	c	a	2	9	0.57	15.25	2.43	0.0258
Subtotal 77														
78	LOPEZC	1	c	t	t	a	e	-	1	0	0.59	15.26	2.64	0.0216
79	ASOMAN	4	c	t	h	a	w	a	2	0	0.34	5.29	0.16	0.4295
80	GALLEG	1	c	t	t	a	e	-	1	0	0.14	10.60	0.01	0.6491
*81	KURAHA	10	f	t	s	c	e	-	2	5	0.21	15.89	0.17	
83	YANG	2	c	t	t	a	e	-	b	3	0.31	9.26	0.19	0.3380
85	TSE	10	m	t	h	a	a	a	2	9	0.09	25.43	0.19	0.6639
86	LIANG	2	f	t	t	a	a	-	2	0	0.30	8.70	0.14	0.3760

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

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

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Table A 30
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Alternative EPIC Adulthood results (from nested CC) - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
87	BRENNE	13	c	t	h	a	a	a	2	0	-0.92	25.66	30.54	0.0000
88	JIANG	1	c	t	t	a	e	-	2	10	0.82	10.29	4.31	0.0086
90	KIYOHA	1	c	t	s	a	e	-	b	0	0.00	20.19	0.56	0.9823
*91	HE	2	m	t	t	a	e	-	2	9	0.62	1.90	0.38	0.3923
*91	HE	4	f	t	t	a	e	-	2	9	0.73	0.80	0.25	0.5148
Subtotal 91											0.65	2.70	0.63	
92	LIM	1	f	t	h	a	e	a	4	0	0.12	80.68	0.25	0.2971
93	LIN	7	f	t	t	a	e	-	1	7	0.92	22.79	12.68	0.0000
95	GELAC	31	m	t	s	a	e	-	2	0	1.65	0.42	0.91	0.2869
95	GELAC	27	f	t	s	a	e	-	2	5	0.26	119.55	0.98	0.0041
Subtotal 95											0.27	119.97	1.89	
96	MASJED	5	m	t	s	a	e	-	2	0	-0.36	0.44	0.12	0.8113
96	MASJED	6	f	t	s	a	e	-	2	0	0.70	8.08	2.23	0.0476
Subtotal 96											0.64	8.52	2.35	
97	REN	2	f	t	t	a	e	-	1	5	0.18	101.81	0.01	0.0658
98	SEKI	7	m	t	s	c	e	-	2	7	0.25	2.16	0.01	0.7085
98	SEKI	20	f	t	s	c	e	-	2	7	0.27	50.36	0.49	0.0553
Subtotal 98											0.27	52.52	0.50	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-0.13	13.87	1.24	0.6341
100	ILCCO	16	c	t	h	a	a	a	2	3	0.18	330.23	0.04	0.0009
101	TORRES	2	c	t	h	a	y	a	2	2	-0.34	25.08	6.63	0.0863

Relative risks

N	118
NS	94
Wt	2352.95
Het Chi	206.33
Het df	117
Het P	***
Fixed RR	1.19
RRl	1.14
RRu	1.24
P	+++
Random RR	1.22
RRl	1.15
RRu	1.30
P	+++
Asymm P	(*)

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

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

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Table A 31
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Alternative EPIC Adulthood results (from nested CC) - both sexes
Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(	0.85- 1.61)
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(	0.43- 1.30)
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(	0.38- 10.32)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(	0.81- 5.25)
Subtotal 3																	
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(	1.20- 3.59)
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51	(	0.14- 1.79)
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(	0.34- 1.90)
Subtotal 5																	
*6	HIRAYA	1	m	t	s	c	e	-	2	0	7	1010	57	19279	2.34	(	1.07- 5.13)
*6	HIRAYA	7	f	t	s	c	e	-	2	0	163	69645	37	21895	1.38	(	0.97- 1.98)
Subtotal 6																	
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.52	(	1.10- 2.10)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(	0.25- 2.45)
Subtotal 7																	
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(	0.81- 1.87)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(	1.09- 3.72)
10	WU	2	f	a	s	e	m	-	2	0	19	33	9	22	1.41	(	0.54- 3.67)
11	AKIBA	1	m	t	s	e	e	-	2	0	3	9	16	101	2.10	(	0.51- 8.61)
11	AKIBA	3	f	t	s	e	e	-	2	0	73	188	21	82	1.52	(	0.87- 2.63)
Subtotal 11																	
12	LEE	3	m	t	s	c	m	-	2	0	8	14	7	16	1.31	(	0.38- 4.52)
12	LEE	5	f	t	s	c	m	-	2	0	22	45	10	21	1.03	(	0.41- 2.55)
Subtotal 12																	
13	BROWN1	1	f	a	t	a	e	-	4	0	4	7	15	40	1.52	(	0.39- 5.96)
14	GAO	4	f	t	s	a	m	-	4	0	189	276	57	99	1.19	(	0.82- 1.73)
15	HUMBL1	1	m	t	s	a	e	-	2	0	5	37	3	93	4.19	(	0.95- 18.42)
15	HUMBL1	3	f	t	s	a	e	-	2	0	15	91	5	71	2.34	(	0.81- 6.75)
Subtotal 15																	
16	KOO	2	f	t	s	e	m	-	2	0	51	66	35	70	1.55	(	0.90- 2.67)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(	1.16- 2.35)
18	PERSHA	1	f	t	s	a	m	-	2	0	37	153	33	141	1.03	(	0.61- 1.74)
*19	BUTLER	1	f	t	s	c	m	-	2	0	3	10579	5	43052	2.44	(	0.58- 10.22)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(	1.08- 4.29)
21	INOUE	1	f	t	s	e	e	-	2	0	18	30	4	17	2.55	(	0.74- 8.78)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(	0.64- 1.82)
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(	0.49- 15.21)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(	0.92- 2.87)
Subtotal 23																	
*24	HOLE	1	m	t	h	a	e	b	6	0	2	243	1	428	3.52	(	0.32- 38.65)
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89	(	0.22- 16.12)
Subtotal 24																	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(	0.70- 1.64)
26	SVENSS	1	f	t	t	a	a	-	1	0	24	114	10	60	1.26	(	0.57- 2.81)
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(	0.48- 1.18)
28	KALAND	2	f	t	s	a	m	-	2	0	64	70	26	46	1.62	(	0.90- 2.91)
29	SOBUE	1	f	t	s	a	a	-	2	0	80	395	64	336	1.06	(	0.74- 1.52)
30	WU-WIL	3	f	t	s	a	e	-	2	0	205	331	212	271	0.79	(	0.62- 1.02)
31	LIUZ	1	f	t	h	a	c	a	2	0	45	176	9	26	0.74	(	0.32- 1.69)
32	BROWN2	3	f	t	s	a	a	-	2	0	218	598	213	568	0.97	(	0.78- 1.21)
33	STOCKW	2	f	t	s	a	e	-	7	0	44	55	18	36	1.60	(	0.80- 3.19)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(	0.64- 1.85)
35	LIUQ	1	f	t	s	a	e	-	2	0	25	37	13	32	1.66	(	0.73- 3.78)
36	FONTHA	5	f	t	s	a	a	-	2	0	433	766	218	487	1.26	(	1.04- 1.54)
37	LAYARD	1	m	t	s	e	e	-	2	0	6	215	15	783	1.46	(	0.56- 3.80)
37	LAYARD	3	f	t	s	e	e	-	2	0	15	961	24	969	0.63	(	0.33- 1.21)
Subtotal 37																	
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(	0.84- 7.85)
39	KABAT2	3	m	t	s	e	a	-	2	0	11	19	28	79	1.63	(	0.69- 3.85)
39	KABAT2	5	f	t	s	e	a	-	2	0	41	102	26	71	1.10	(	0.62- 1.96)
Subtotal 39																	
40	SCHWAR	7	c	t	h	a	e	a	2	0	172	175	85	102	1.18	(	0.83- 1.68)
41	SUN	11	f	t	s	a	m	-	2	0	144	136	86	94	1.16	(	0.80- 1.68)
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(	1.26- 5.10)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(	0.67- 1.84)
*44	CARDEN	11	m	t	s	c	m	-	2	0	18	19549	79	76993	0.90	(	0.54- 1.50)
*44	CARDEN	9	f	t	s	c	m	-	2	0	96	114286	54	77948	1.21	(	0.87- 1.69)

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

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

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Table A 31
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Alternative EPIC Adulthood results (from nested CC) - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed Case	Non-exposed Cont	Case	Cont	RR	95.00%CI
Subtotal 44																
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	1.11	(0.84- 1.47)
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	0.67	(0.22- 2.04)
Subtotal 45																
46	AUVINE	1	m	t	t	a	e	-	2	0	17	81	27	148	2.52	(1.09- 5.85)
47	BOFFET	6	m	t	s	a	e	-	2	0	23	68	118	462	1.56	(0.80- 3.06)
47	BOFFET	8	f	t	s	a	e	-	2	0	321	632	187	376	1.15	(0.59- 2.24)
Subtotal 47																
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	1.32	(0.79- 2.21)
49	ZARIDZ	3	f	t	s	a	e	-	2	0	109	163	80	195	1.02	(0.82- 1.27)
50	BOFFE2	11	c	a	s	a	a	-	2	0	33	75	37	103	1.06	(0.87- 1.30)
*51	JEE	3	f	t	s	c	e	-	2	1	67	-	12	-	0.75	(0.31- 1.78)
52	RAPITI	1	f	t	s	a	e	-	2	0	13	21	28	46	1.63	(1.14- 2.33)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.22	(0.70- 2.14)
54	ZHONG	1	f	t	s	a	e	-	2	0	322	377	182	224	1.05	(0.82- 1.34)
55	LEECH	7	f	t	s	a	e	-	2	0	186	253	82	192	1.72	(1.25- 2.37)
56	MALATS	11	c	t	s	a	e	-	2	0	58	42	64	79	1.70	(1.02- 2.86)
57	WANGL	33	m	t	h	a	a	a	2	0	14	57	19	57	0.74	(0.34- 1.61)
57	WANGL	35	f	t	h	a	a	a	2	0	169	337	31	70	1.13	(0.71- 1.80)
Subtotal 57																
58	JOHNSO	7	f	t	h	a	e	a	2	0	54	543	17	218	1.01	(0.68- 1.51)
59	LAGARD	5	c	t	h	a	a	a	2	0	179	611	254	997	1.28	(0.72- 2.25)
*60	NISHIN	1	f	t	s	a	c	-	2	0	11	30566	13	43361	1.15	(0.93- 1.43)
61	OHNO	5	f	t	s	a	e	-	2	0	139	239	52	90	1.20	(0.54- 2.68)
*63	ENSTRO	3	m	t	s	c	e	-	2	1	-	-	-	-	1.01	(0.67- 1.50)
*63	ENSTRO	9	f	t	s	c	e	-	2	1	-	-	-	-	0.75	(0.42- 1.35)
Subtotal 63																
64	ZATLOU	3	f	g	t	a	a	-	2	0	7	155	77	734	0.99	(0.72- 1.37)
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.93	(0.70- 1.23)
65	IARCKR	1	f	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10- 3.00)
Subtotal 65																
66	MCGHEE	5	m	t	h	c	p	a	2	0	33	71	112	347	0.90	(0.60- 1.40)
66	MCGHEE	6	f	t	h	c	p	a	2	0	96	150	83	195	0.86	(0.57- 1.29)
Subtotal 66																
*67	EPICA	2	c	t	t	a	c	-	2	7	-	-	-	-	1.44	(0.90- 2.29)
68	FANG	1	f	t	t	a	e	-	2	1	-	-	-	-	1.50	(1.05- 2.16)
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.48	(1.11- 1.97)
70	GORLOV	13	m	t	h	a	e	a	4	0	36	25	27	25	1.42	(0.63- 3.20)
70	GORLOV	14	f	t	h	a	e	a	4	0	92	89	38	48	2.74	(1.82- 4.14)
Subtotal 70																
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.80	(1.10- 3.00)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.33	(0.63- 2.81)
74	YU	8	f	t	t	a	e	-	4	0	183	246	30	46	1.31	(0.78- 2.19)
*76	HILL1	1	m	t	h	a	c	a	2	2	-	-	-	-	1.31	(0.86- 2.01)
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.37	(0.72- 2.61)
Subtotal 76																
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.09	(0.74- 1.61)
*77	HILL2	2	f	t	h	a	c	a	2	2	-	-	-	-	1.14	(0.69- 1.88)
Subtotal 77																
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.97	(0.66- 1.45)
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93	(0.39- 2.19)
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00	(1.83- 34.92)
*81	KURAHA	9	f	t	s	c	e	-	2	0	84	280346	25	97466	1.17	(0.75- 1.83)
83	YANG	9	c	t	t	a	e	-	b	0	198	173	99	135	1.56	(1.12- 2.17)
85	TSE	1	m	t	h	a	a	a	2	0	47	194	85	342	0.97	(0.66- 1.45)
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45	(1.01- 2.07)
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40	(0.27- 0.59)
88	JIANG	8	m	t	t	a	e	-	2	0	23	10	24	37	3.55	(1.44- 8.75)
88	JIANG	9	f	t	t	a	e	-	2	0	67	48	31	50	2.25	(1.26- 4.03)
Subtotal 88																
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	2.57	(1.58- 4.19)
*91	HE	1	m	t	t	a	e	-	2	0	7	271	3	168	1.00	(0.65- 1.55)
*91	HE	3	f	t	t	a	e	-	2	0	5	340	1	131	1.45	(0.38- 5.52)
Subtotal 91																
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.93	(0.23- 16.33)
93	LIN	1	f	t	t	a	e	-	1	0	135	92	91	177	1.57	(0.50- 4.88)
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22	(0.25- 109.12)

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- 4) HOU : a, other
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 Alternative EPIC Adulthood results (from nested CC) - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
95	GELAC	19	f	t	s	a	e	-	2	0	571	461	601	711	1.47 (	1.24-	1.73)
Subtotal 95																		
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	1.47 (	1.25-	1.73)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01 (	1.01-	4.00)
Subtotal 96																		
97	REN	1	f	t	t	a	e	-	1	0	551	684	213	299	1.13 (	0.92-	1.39)
98	SEKI	3	m	t	s	c	e	-	2	0	3	22	67	578	1.18 (	0.34-	4.03)
98	SEKI	11	f	t	s	c	e	-	2	0	193	1170	99	640	1.07 (	0.82-	1.38)
Subtotal 98																		
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88 (	0.52-	1.49)
100	ILCCO	11	c	t	h	a	a	a	2	0	1228	3366	1061	3575	1.23 (	1.12-	1.35)
101	TORRES	1	c	t	h	a	y	a	2	0	81	148	111	180	0.89 (	0.62-	1.27)
Partial Totals												9201	642086	6972	482516			
*prospective study															~ With 0.5 adjustment for			
zero																		

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
*1	GARFI1	1	f	t	s	c	c	-	2	0	0.16	37.42	0.06	0.3420
2	CHAN	1	f	t	s	a	e	-	2	0	-0.28	12.78	2.93	0.3086
3	CORREA	1	m	t	s	e	e	-	2	0	0.68	1.41	0.33	0.4200
3	CORREA	2	f	t	s	e	e	-	2	0	0.73	4.41	1.25	0.1276
Subtotal 3														
4	TRICHO	1	f	y	s	a	y	-	2	0	0.73	12.77	3.67	0.0091
5	BUFFLE	1	m	t	h	a	e	a	2	0	-0.68	2.42	1.85	0.2896
5	BUFFLE	2	f	t	h	a	e	a	2	0	-0.22	5.19	0.88	0.6209
Subtotal 5														
*6	HIRAYA	1	m	t	s	c	e	-	2	0	0.85	6.28	2.72	0.0328
*6	HIRAYA	7	f	t	s	c	e	-	2	0	0.33	30.21	0.52	0.0734
Subtotal 6														
7	KABAT1	3	m	t	s	e	e	-	2	0	0.00	1.46	0.05	1.0000
7	KABAT1	4	f	t	s	e	e	-	2	0	-0.24	2.99	0.56	0.6802
Subtotal 7														
8	GARFI2	3	f	t	s	a	e	-	2	0	0.21	22.25	0.01	0.3229
9	LAMW	1	f	a	s	a	e	-	2	0	0.70	10.14	2.58	0.0261
10	WU	2	f	a	s	e	m	-	2	0	0.34	4.18	0.09	0.4850
11	AKIBA	1	m	t	s	e	e	-	2	0	0.74	1.93	0.59	0.3008
11	AKIBA	3	f	t	s	e	e	-	2	0	0.42	12.69	0.63	0.1382
Subtotal 11														
12	LEE	3	m	t	s	c	m	-	2	0	0.27	2.49	0.01	0.6735
12	LEE	5	f	t	s	c	m	-	2	0	0.03	4.64	0.13	0.9548
Subtotal 12														
13	BROWN1	1	f	a	t	a	e	-	4	0	0.42	2.06	0.11	0.5451
14	GAO	4	f	t	s	a	m	-	4	0	0.17	27.35	0.01	0.3644
15	HUMBL1	1	m	t	s	a	e	-	2	0	1.43	1.75	2.69	0.0580
15	HUMBL1	3	f	t	s	a	e	-	2	0	0.85	3.43	1.48	0.1154
Subtotal 15														
16	KOO	2	f	t	s	e	m	-	2	0	0.44	12.88	0.75	0.1182
17	LAMT	1	f	t	s	a	m	-	2	0	0.50	30.63	2.87	0.0057
18	PERSHA	1	f	t	s	a	m	-	2	0	0.03	14.09	0.37	0.9022
*19	BUTLER	1	f	t	s	c	m	-	2	0	0.89	1.88	0.92	0.2215
20	GENG	1	f	t	s	a	e	-	2	0	0.77	8.13	2.68	0.0285
21	INOUE	1	f	t	s	e	e	-	2	0	0.94	2.51	1.39	0.1377
22	SHIMIZ	2	f	t	s	a	m	-	2	0	0.08	14.20	0.19	0.7646
23	CHOI	1	m	t	s	a	e	-	2	0	1.00	1.30	0.85	0.2525
23	CHOI	2	f	t	s	a	e	-	2	0	0.49	11.99	1.03	0.0916
Subtotal 23														
*24	HOLE	1	m	t	h	a	e	b	6	0	1.26	0.67	0.76	0.3028
*24	HOLE	2	f	t	h	a	e	b	6	0	0.64	0.84	0.16	0.5613
Subtotal 24														
25	SCHOEN	2	f	t	s	a	e	-	2	6	0.07	21.00	0.33	0.7533
26	SVENSS	1	f	t	t	a	a	-	1	0	0.23	5.98	0.01	0.5677
27	JANERI	4	c	t	s	a	e	-	2	3	-0.29	18.99	4.40	0.2099
28	KALAND	2	f	t	s	a	m	-	2	0	0.48	11.10	0.91	0.1091
29	SOBUE	1	f	t	s	a	a	-	2	0	0.06	29.73	0.52	0.7379
30	WU-WIL	3	f	t	s	a	e	-	2	0	-0.23	61.33	11.21	0.0674
31	LIUZ	1	f	t	h	a	c	a	2	0	-0.30	5.63	1.39	0.4721
32	BROWN2	3	f	t	s	a	a	-	2	0	-0.03	78.65	3.88	0.8021

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- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
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 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
33	STOCKW	2	f	t	s	a	e	-	7	0	0.47	8.05	0.61	0.1824
34	DU	1	f	t	s	a	e	-	2	0	0.09	13.61	0.16	0.7506
35	LIUQ	1	f	t	s	a	e	-	2	0	0.51	5.71	0.57	0.2242
36	FONTHA	5	f	t	s	a	a	-	2	0	0.23	97.51	0.15	0.0212
37	LAYARD	1	m	t	s	e	e	-	2	0	0.38	4.18	0.14	0.4418
37	LAYARD	3	f	t	s	e	e	-	2	0	-0.46	9.06	3.89	0.1647
Subtotal 37											-0.20	13.24	4.03	
38	DEWAAR	1	f	t	t	a	c	-	4	0	0.94	3.07	1.72	0.0986
39	KABAT2	3	m	t	s	e	a	-	2	0	0.49	5.21	0.46	0.2627
39	KABAT2	5	f	t	s	e	a	-	2	0	0.09	11.53	0.12	0.7517
Subtotal 39											0.22	16.74	0.58	
40	SCHWAR	7	c	t	h	a	e	a	2	0	0.17	30.21	0.03	0.3643
41	SUN	11	f	t	s	a	m	-	2	0	0.15	27.35	0.06	0.4448
42	WANGS	1	f	t	t	a	e	-	2	0	0.93	7.83	4.23	0.0093
43	WANGT	2	f	t	s	a	m	-	2	0	0.10	14.90	0.13	0.6978
*44	CARDEN	11	m	t	s	c	m	-	2	0	-0.11	14.67	1.34	0.6783
*44	CARDEN	9	f	t	s	c	m	-	2	0	0.19	34.59	0.00	0.2571
Subtotal 44											0.10	49.26	1.34	
45	ZHENG	1	m	t	h	a	e	a	2	0	-0.41	3.07	1.10	0.4776
45	ZHENG	2	f	t	h	a	e	a	2	0	0.93	5.43	2.91	0.0310
Subtotal 45											0.45	8.50	4.01	
46	AUVINE	1	m	t	t	a	e	-	2	0	0.14	8.70	0.03	0.6794
47	BOFFET	6	m	t	s	a	e	-	2	0	0.28	14.53	0.11	0.2843
47	BOFFET	8	f	t	s	a	e	-	2	0	0.02	78.71	2.35	0.8520
Subtotal 47											0.06	93.24	2.46	
48	SHEN	1	f	a	t	a	y	-	2	0	-0.29	5.07	1.20	0.5088
49	ZARIDZ	3	f	t	s	a	e	-	2	0	0.49	30.36	2.64	0.0071
50	BOFFE2	11	c	a	s	a	a	-	2	0	0.20	12.44	0.00	0.4743
*51	JEE	3	f	t	s	c	e	-	2	1	0.59	10.42	1.62	0.0577
52	RAPITI	1	f	t	s	a	e	-	2	0	0.02	5.49	0.17	0.9685
*53	SPEIZE	1	f	t	t	a	a	-	2	1	0.41	1.66	0.07	0.6016
54	ZHONG	1	f	t	s	a	e	-	2	0	0.05	63.63	1.32	0.6903
55	LEECH	7	f	t	s	a	a	-	2	0	0.54	37.41	4.56	0.0009
56	MALATS	11	c	t	s	a	e	-	2	0	0.53	14.42	1.66	0.0428
57	WANGL	33	m	t	h	a	a	a	2	0	-0.31	6.28	1.57	0.4440
57	WANGL	35	f	t	h	a	a	a	2	0	0.12	18.04	0.09	0.5975
Subtotal 57											0.01	24.32	1.65	
58	JOHNSO	7	f	t	h	a	e	a	2	0	0.24	11.94	0.03	0.4008
59	LAGARD	5	c	t	h	a	a	a	2	0	0.14	82.21	0.24	0.2052
*60	NISHIN	1	f	t	s	a	c	-	2	0	0.18	5.96	0.00	0.6557
61	OHNO	5	f	t	s	a	e	-	2	0	0.01	23.97	0.84	0.9743
*63	ENSTRO	3	m	t	s	c	e	-	2	1	-0.29	11.27	2.61	0.3341
*63	ENSTRO	9	f	t	s	c	e	-	2	1	-0.01	37.13	1.54	0.9512
Subtotal 63											-0.07	48.40	4.16	
64	ZATLOU	3	f	g	t	a	a	-	2	0	-0.84	6.11	6.57	0.0372
65	IARCKR	3	m	t	s	a	a	-	2	0	-0.92	1.33	1.64	0.2910
65	IARCKR	1	f	t	s	a	a	-	2	0	-0.11	21.40	1.92	0.6259
Subtotal 65											-0.15	22.73	3.55	
66	MCGHEE	5	m	t	h	c	p	a	2	0	0.36	17.79	0.52	0.1240
66	MCGHEE	6	f	t	h	c	p	a	2	0	0.41	29.19	1.34	0.0276
Subtotal 66											0.39	46.98	1.86	
*67	EPICA	2	c	t	t	a	c	-	2	7	0.35	5.82	0.14	0.3977
68	FANG	1	f	t	t	a	e	-	2	1	1.01	22.75	15.08	0.0000
69	FRANCO	1	c	t	h	a	e	a	2	2	0.59	15.26	2.37	0.0216
70	GORLOV	13	m	t	h	a	e	a	4	0	0.29	6.91	0.06	0.4497
70	GORLOV	14	f	t	h	a	e	a	4	0	0.27	14.44	0.08	0.3107
Subtotal 70											0.27	21.34	0.14	
72	RYLAND	3	c	t	h	a	e	a	2	1	0.31	9.26	0.14	0.3380
*73	WEN	1	f	t	s	a	m	-	2	9	0.09	25.43	0.30	0.6639
74	YU	8	f	t	t	a	e	-	4	0	0.13	15.48	0.06	0.6046
*76	HILL1	1	m	t	h	a	c	a	2	2	-0.03	10.57	0.53	0.9211
*76	HILL1	2	f	t	h	a	c	a	2	2	0.00	7.71	0.29	1.0000
Subtotal 76											-0.02	18.28	0.82	
*77	HILL2	1	m	t	h	a	c	a	2	2	0.37	8.81	0.28	0.2702
*77	HILL2	2	f	t	h	a	c	a	2	2	0.15	15.09	0.03	0.5642
Subtotal 77											0.23	23.90	0.31	
78	LOPEZC	1	c	t	t	a	e	-	1	0	-0.01	0.78	0.03	0.9950

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

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

Table A 31
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Alternative EPIC Adulthood results (from nested CC) - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
79	ASOMAN	4	c	t	h	a	w	a	2	0	-0.08	5.19	0.38	0.8609
80	GALLEG	1	c	t	t	a	e	-	1	0	2.08	1.77	6.29	0.0057
*81	KURAHA	9	f	t	s	c	e	-	2	0	0.16	19.27	0.03	0.4951
83	YANG	9	c	t	t	a	e	-	b	0	0.45	35.29	2.23	0.0082
85	TSE	1	m	t	h	a	a	a	2	0	-0.03	24.32	1.17	0.8997
86	LIANG	2	f	t	t	a	a	-	2	0	0.37	30.07	0.93	0.0426
87	BRENNE	13	c	t	h	a	a	a	2	0	-0.92	25.66	31.79	0.0000
88	JIANG	8	m	t	t	a	e	-	2	0	1.27	4.71	5.41	0.0060
88	JIANG	9	f	t	t	a	e	-	2	0	0.81	11.36	4.33	0.0062
Subtotal 88											0.94	16.07	9.75	
90	KIYOHA	1	c	t	s	a	e	-	b	0	0.00	20.19	0.72	0.9823
*91	HE	1	m	t	t	a	e	-	2	0	0.37	2.14	0.07	0.5889
*91	HE	3	f	t	t	a	e	-	2	0	0.66	0.84	0.18	0.5477
Subtotal 91											0.45	2.98	0.25	
92	LIM	1	f	t	h	a	e	a	4	0	0.12	80.68	0.49	0.2971
93	LIN	1	f	t	t	a	e	-	1	0	1.05	28.64	20.93	0.0000
95	GELAC	31	m	t	s	a	e	-	2	0	1.65	0.42	0.88	0.2869
95	GELAC	19	f	t	s	a	e	-	2	0	0.38	143.04	5.06	0.0000
Subtotal 95											0.39	143.46	5.95	
96	MASJED	5	m	t	s	a	e	-	2	0	-0.36	0.44	0.14	0.8113
96	MASJED	6	f	t	s	a	e	-	2	0	0.70	8.08	2.04	0.0476
Subtotal 96											0.64	8.52	2.18	
97	REN	1	f	t	t	a	e	-	1	0	0.12	88.37	0.45	0.2479
98	SEKI	3	m	t	s	c	e	-	2	0	0.16	2.53	0.00	0.7961
98	SEKI	11	f	t	s	c	e	-	2	0	0.06	56.50	0.95	0.6290
Subtotal 98											0.07	59.03	0.95	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-0.13	13.87	1.44	0.6341
100	ILCCO	11	c	t	h	a	a	a	2	0	0.21	428.51	0.07	0.0000
101	TORRES	1	c	t	h	a	y	a	2	0	-0.12	29.70	2.91	0.5154

Relative risks

N	120
NS	94
Wt	2613.12
Het Chi	218.26
Het df	119
Het P	***
Fixed RR	1.21
RRl	1.17
RRu	1.26
P	+++
Random RR	1.24
RRl	1.16
RRu	1.31
P	+++
Asymm P	N.S.

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

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

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Table A 32
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Alternative EPIC Adulthood results (from nested CC) - both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)	
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(0.38-	10.32)	
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)	
Subtotal 3																2.04	(0.91-	4.61)
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51	(0.14-	1.79)	
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)	
Subtotal 5																0.69	(0.34-	1.41)
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(0.20-	5.07)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)	
Subtotal 7																0.85	(0.34-	2.16)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)	
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50-	3.30)	
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39-	6.90)	
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08	(0.70-	23.91)	
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)	
Subtotal 15																2.60	(1.04-	6.53)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)	
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.48-	1.18)	
32	BROWN2	4	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.80-	1.20)	
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)	
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)	
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47	(0.55-	3.94)	
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)	
Subtotal 37																0.78	(0.45-	1.34)
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60	(0.67-	3.82)	
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)	
Subtotal 39																1.22	(0.75-	1.99)
40	SCHWAR	8	c	t	h	a	e	a	2	2	-	-	-	-	1.10	(0.80-	1.60)	
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10	(0.60-	1.80)	
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)	
Subtotal 44																1.17	(0.87-	1.57)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)	
58	JOHNSO	8	f	t	h	a	e	a	2	4	-	-	-	-	1.20	(0.62-	2.30)	
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63	(0.33-	1.22)	
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66-	1.33)	
Subtotal 63																0.86	(0.63-	1.17)
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80	(1.10-	3.00)	
70	GORLOV	1	m	t	h	a	e	a	4	4	-	-	-	-	1.41	(0.60-	3.30)	
70	GORLOV	2	f	t	h	a	e	a	4	4	-	-	-	-	1.15	(0.63-	2.10)	
Subtotal 70																1.23	(0.75-	2.01)
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93	(0.39-	2.19)	
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00	(1.83-	34.92)	
83	YANG	2	c	t	t	a	e	-	b	3	-	-	-	-	2.00	(1.30-	3.00)	
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40	(0.27-	0.59)	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52-	1.49)	
Partial Totals											356	95894	266	82595				

*prospective study

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

- 1) EXP : s, h, t, b
- 2) TYP : t/g, other
- 3) TIM : m, a, z, y, w, f, e, x, c, p, v
- 4) HOU : a, other
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Table A 32
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Alternative EPIC Adulthood results (from nested CC) - both sexes
 By continent - adjusted

Europe

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)	
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30	(0.38-	4.39)	
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37-	2.71)	
Subtotal 12																1.11	(0.51-	2.40)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70-	2.10)	
*24	HOLE	3	c	t	h	a	e	b	6	2	-	-	-	-	2.41	(0.45-	12.83)	
26	SVENSS	5	f	t	t	a	a	-	1	1	-	-	-	-	1.36	(0.53-	3.49)	
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)	
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)	
46	AUVINE	2	m	t	t	a	e	-	2	1	-	-	-	-	0.69	(0.28-	1.74)	
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47	(0.81-	2.66)	
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88-	1.39)	
Subtotal 47																1.15	(0.93-	1.42)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06-	2.21)	
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50-	1.80)	
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.80-	2.60)	
59	LAGARD	6	c	t	h	a	a	a	2	6	-	-	-	-	1.15	(0.91-	1.45)	
64	ZATLOU	6	f	g	t	a	a	-	2	3	-	-	-	-	0.48	(0.21-	1.09)	
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10-	3.00)	
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)	
Subtotal 65																0.76	(0.48-	1.20)
*67	EPICA	2	c	t	t	a	c	-	2	7	-	-	-	-	1.42	(0.63-	3.20)	
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.72-	2.61)	
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99	(0.11-	9.16)	
101	TORRES	2	c	t	h	a	y	a	2	2	-	-	-	-	0.71	(0.48-	1.05)	
Partial Totals											107	381	29	180				
*prospective study																		

Asia

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43-	1.30)	
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25	(1.05-	4.76)	
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02-	2.08)	
Subtotal 6																1.57	(1.14-	2.17)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)	
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80	(0.39-	6.96)	
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93-	2.76)	
Subtotal 11																1.53	(0.92-	2.55)
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87-	1.94)	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87-	3.09)	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)	
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)	
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77-	8.85)	
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)	
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49-	15.21)	
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)	
Subtotal 23																1.71	(1.00-	2.93)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78-	1.63)	
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60-	0.90)	
31	LIUZ	2	f	t	h	a	c	a	2	3	-	-	-	-	0.77	(0.30-	1.96)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)	
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77-	3.87)	
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80-	1.69)	
42	WANGS	1	f	t	t	a	e	-	2	0	67	60	15	34	2.53	(1.26-	5.10)	
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)	
45	ZHENG	1	m	t	h	a	e	a	2	0	8	12	17	17	0.67	(0.22-	2.04)	
45	ZHENG	2	f	t	h	a	e	a	2	0	62	179	7	51	2.52	(1.09-	5.85)	
Subtotal 45																1.56	(0.80-	3.06)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31-	1.78)	
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93-	3.18)	
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50-	2.90)	
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)	
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)	
57	WANGL	34	m	t	h	a	a	a	2	5	-	-	-	-	0.56	(0.20-	1.40)	
57	WANGL	36	f	t	h	a	a	a	2	5	-	-	-	-	1.03	(0.60-	1.70)	
Subtotal 57																0.90	(0.57-	1.42)

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

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 Alternative EPIC Adulthood results (from nested CC) - both sexes
 By continent - adjusted

Asia											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80 (0.67- 4.60)	
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00 (0.67- 1.49)	
66	MCGHEE	1	m	t	h	c	p	a	2	2	-	-	-	-	1.34 (0.82- 2.17)	
66	MCGHEE	2	f	t	h	c	p	a	2	2	-	-	-	-	1.38 (0.94- 2.04)	
Subtotal 66																
68	FANG	2	f	t	t	a	e	-	2	8	-	-	-	-	1.77 (1.07- 2.92)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09 (0.74- 1.61)	
74	YU	1	f	t	t	a	e	-	4	20	-	-	-	-	1.35 (0.70- 2.63)	
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26 (0.78- 2.03)	
85	TSE	10	m	t	h	a	a	a	2	9	-	-	-	-	0.90 (0.57- 1.41)	
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (1.01- 2.07)	
88	JIANG	1	c	t	t	a	e	-	2	10	-	-	-	-	2.27 (1.23- 4.18)	
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00 (0.65- 1.55)	
*91	HE	2	m	t	t	a	e	-	2	9	-	-	-	-	1.86 (0.45- 7.73)	
*91	HE	4	f	t	t	a	e	-	2	9	-	-	-	-	2.07 (0.23- 18.34)	
Subtotal 91																
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12 (0.90- 1.40)	
93	LIN	7	f	t	t	a	e	-	1	7	-	-	-	-	2.50 (1.66- 3.77)	
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~ (0.25- 109.12)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30 (1.09- 1.56)	
Subtotal 95																
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~ (0.04- 13.34)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01 (1.01- 4.00)	
Subtotal 96																
97	REN	2	f	t	t	a	e	-	1	5	-	-	-	-	1.20 (0.99- 1.46)	
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29 (0.34- 4.91)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31 (0.99- 1.72)	
Subtotal 98																
Partial Totals											1118	1979	1100	2422		
*prospective study																
zero																~ With 0.5 adjustment for

Other											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
*76	HILL1	3	m	t	h	a	c	a	2	9	-	-	-	-	1.08 (0.56- 2.09)	
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00 (0.49- 2.01)	
Subtotal 76																
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45 (0.75- 2.81)	
*77	HILL2	3	f	t	h	a	c	a	2	9	-	-	-	-	1.38 (0.78- 2.41)	
Subtotal 77																
100	ILCCO	16	c	t	h	a	a	a	2	3	-	-	-	-	1.20 (1.08- 1.34)	
Partial Totals											0	0	0	0		
*prospective study																

NAmerica Europe Asia Other Total

Relative risks

N	37	22	54	5	118
NS	28	19	44	3	94
Wt	571.27	322.98	1091.01	367.69	2352.95
Het Chi	71.48	30.30	97.41	0.90	206.33
Het df	36	21	53	4	117
Het P	***	(*)	***	N.S.	***
Fixed RR	1.09	1.16	1.24	1.20	1.19
RRl	1.01	1.04	1.17	1.09	1.14
RRu	1.19	1.29	1.32	1.33	1.24
P	+	++	+++	+++	+++
Random RR	1.12	1.18	1.31	1.20	1.22
RRl	0.97	1.01	1.20	1.09	1.15
RRu	1.28	1.37	1.44	1.33	1.30
P	N.S.	+	+++	+++	+++
Asymm P	N.S.	N.S.	*	N.S.	(*)
Between Chi		0.72	6.01	2.02	6.24
Between df		1	1	1	3
Between P		N.S.	+	N.S.	N.S.

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

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

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

Table A 33
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Alternative EPIC Adulthood results (from nested CC) - both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)	
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(0.38-	10.32)	
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)	
Subtotal 3																2.04	(0.91-	4.61)
5	BUFFLE	1	m	t	h	a	e	a	2	0	5	56	6	34	0.51	(0.14-	1.79)	
5	BUFFLE	2	f	t	h	a	e	a	2	0	33	164	8	32	0.80	(0.34-	1.90)	
Subtotal 5																0.69	(0.34-	1.41)
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(0.20-	5.07)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)	
Subtotal 7																0.85	(0.34-	2.16)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)	
10	WU	2	f	a	s	e	m	-	2	0	19	33	9	22	1.41	(0.54-	3.67)	
13	BROWN1	1	f	a	t	a	e	-	4	0	4	7	15	40	1.52	(0.39-	5.96)	
15	HUMBL1	1	m	t	s	a	e	-	2	0	5	37	3	93	4.19	(0.95-	18.42)	
15	HUMBL1	3	f	t	s	a	e	-	2	0	15	91	5	71	2.34	(0.81-	6.75)	
Subtotal 15																2.85	(1.20-	6.74)
*19	BUTLER	1	f	t	s	c	m	-	2	0	3	10579	5	43052	2.44	(0.58-	10.22)	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)	
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.48-	1.18)	
32	BROWN2	3	f	t	s	a	a	-	2	0	218	598	213	568	0.97	(0.78-	1.21)	
33	STOCKW	2	f	t	s	a	e	-	7	0	44	55	18	36	1.60	(0.80-	3.19)	
36	FONTHA	5	f	t	s	a	a	-	2	0	433	766	218	487	1.26	(1.04-	1.54)	
37	LAYARD	1	m	t	s	e	e	-	2	0	6	215	15	783	1.46	(0.56-	3.80)	
37	LAYARD	3	f	t	s	e	e	-	2	0	15	961	24	969	0.63	(0.33-	1.21)	
Subtotal 37																0.82	(0.48-	1.41)
39	KABAT2	3	m	t	s	e	a	-	2	0	11	19	28	79	1.63	(0.69-	3.85)	
39	KABAT2	5	f	t	s	e	a	-	2	0	41	102	26	71	1.10	(0.62-	1.96)	
Subtotal 39																1.24	(0.77-	2.01)
40	SCHWAR	7	c	t	h	a	e	a	2	0	172	175	85	102	1.18	(0.83-	1.68)	
*44	CARDEN	11	m	t	s	c	m	-	2	0	18	19549	79	76993	0.90	(0.54-	1.50)	
*44	CARDEN	9	f	t	s	c	m	-	2	0	96	114286	54	77948	1.21	(0.87-	1.69)	
Subtotal 44																1.11	(0.84-	1.47)
*53	SPEIZE	1	f	t	t	a	a	-	2	1	-	-	-	-	1.50	(0.30-	6.30)	
58	JOHNSO	7	f	t	h	a	e	a	2	0	54	543	17	218	1.28	(0.72-	2.25)	
*63	ENSTRO	3	m	t	s	c	e	-	2	1	-	-	-	-	0.75	(0.42-	1.35)	
*63	ENSTRO	9	f	t	s	c	e	-	2	1	-	-	-	-	0.99	(0.72-	1.37)	
Subtotal 63																0.93	(0.70-	1.23)
69	FRANCO	1	c	t	h	a	e	a	2	2	-	-	-	-	1.80	(1.10-	3.00)	
70	GORLOV	13	m	t	h	a	e	a	4	0	36	25	27	25	1.33	(0.63-	2.81)	
70	GORLOV	14	f	t	h	a	e	a	4	0	92	89	38	48	1.31	(0.78-	2.19)	
Subtotal 70																1.31	(0.86-	2.01)
79	ASOMAN	4	c	t	h	a	w	a	2	0	25	96	9	32	0.93	(0.39-	2.19)	
80	GALLEG	1	c	t	t	a	e	-	1	0	30	90	2	48	8.00	(1.83-	34.92)	
83	YANG	9	c	t	t	a	e	-	b	0	198	173	99	135	1.56	(1.12-	2.17)	
87	BRENNE	13	c	t	h	a	a	a	2	0	50	247	101	199	0.40	(0.27-	0.59)	
*99	WHIOS	1	f	t	t	a	e	-	1	0	-	-	-	-	0.88	(0.52-	1.49)	
Partial Totals											1836	244197	1244	284335				

*prospective study

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

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Table A 33
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Alternative EPIC Adulthood results (from nested CC) - both sexes
By continent - unadjusted

Europe

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)	
12	LEE	3	m	t	s	c	m	-	2	0	8	14	7	16	1.31	(0.38-	4.52)	
12	LEE	5	f	t	s	c	m	-	2	0	22	45	10	21	1.03	(0.41-	2.55)	
Subtotal 12																1.12	(0.54-	2.33)
18	PERSHA	1	f	t	s	a	m	-	2	0	37	153	33	141	1.03	(0.61-	1.74)	
*24	HOLE	1	m	t	h	a	e	b	6	0	2	243	1	428	3.52	(0.32-	38.65)	
*24	HOLE	2	f	t	h	a	e	b	6	0	5	1295	1	489	1.89	(0.22-	16.12)	
Subtotal 24																2.49	(0.50-	12.31)
26	SVENSS	1	f	t	t	a	a	-	1	0	24	114	10	60	1.26	(0.57-	2.81)	
28	KALAND	2	f	t	s	a	m	-	2	0	64	70	26	46	1.62	(0.90-	2.91)	
38	DEWAAR	1	f	t	t	a	c	-	4	0	19	124	4	67	2.57	(0.84-	7.85)	
46	AUVINE	1	m	t	t	a	e	-	2	0	17	81	27	148	1.15	(0.59-	2.24)	
47	BOFFET	6	m	t	s	a	e	-	2	0	23	68	118	462	1.32	(0.79-	2.21)	
47	BOFFET	8	f	t	s	a	e	-	2	0	321	632	187	376	1.02	(0.82-	1.27)	
Subtotal 47																1.06	(0.87-	1.30)
49	ZARIDZ	3	f	t	s	a	e	-	2	0	109	163	80	195	1.63	(1.14-	2.33)	
50	BOFFE2	11	c	a	s	a	a	-	2	0	33	75	37	103	1.22	(0.70-	2.14)	
56	MALATS	11	c	t	s	a	e	-	2	0	58	42	64	79	1.70	(1.02-	2.86)	
59	LAGARD	5	c	t	h	a	a	a	2	0	179	611	254	997	1.15	(0.93-	1.43)	
64	ZATLOU	3	f	g	t	a	a	-	2	0	7	155	77	734	0.43	(0.19-	0.95)	
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10-	3.00)	
65	IARCKR	1	f	t	s	a	a	-	2	0	-	-	-	-	0.90	(0.60-	1.40)	
Subtotal 65																0.86	(0.57-	1.29)
*67	EPICA	2	c	t	t	a	c	-	2	7	-	-	-	-	1.42	(0.63-	3.20)	
72	RYLAND	3	c	t	h	a	e	a	2	1	-	-	-	-	1.37	(0.72-	2.61)	
78	LOPEZC	1	c	t	t	a	e	-	1	0	35	141	1	4	0.99	(0.11-	9.16)	
101	TORRES	1	c	t	h	a	y	a	2	0	81	148	111	180	0.89	(0.62-	1.27)	
Partial Totals											1097	4290	1072	4655				
*prospective study																		

Asia

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

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

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

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 Alternative EPIC Adulthood results (from nested CC) - both sexes
 By continent - unadjusted

Asia											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
57	WANGL	35	f	t	h	a	a	a	2	0	169	337	31	70	1.13 (0.71- 1.80)	
Subtotal 57															1.01 (0.68- 1.51)	
*60	NISHIN	1	f	t	s	a	c	-	2	0	11	30566	13	43361	1.20 (0.54- 2.68)	
61	OHNO	5	f	t	s	a	e	-	2	0	139	239	52	90	1.01 (0.67- 1.50)	
66	MCGHEE	5	m	t	h	c	p	a	2	0	33	71	112	347	1.44 (0.90- 2.29)	
66	MCGHEE	6	f	t	h	c	p	a	2	0	96	150	83	195	1.50 (1.05- 2.16)	
Subtotal 66															1.48 (1.11- 1.97)	
68	FANG	1	f	t	t	a	e	-	2	1	-	-	-	-	2.74 (1.82- 4.14)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09 (0.74- 1.61)	
74	YU	8	f	t	t	a	e	-	4	0	183	246	30	46	1.14 (0.69- 1.88)	
*81	KURAHA	9	f	t	s	c	e	-	2	0	84	280346	25	97466	1.17 (0.75- 1.83)	
85	TSE	1	m	t	h	a	a	a	2	0	47	194	85	342	0.97 (0.66- 1.45)	
86	LIANG	2	f	t	t	a	a	-	2	0	141	149	85	130	1.45 (1.01- 2.07)	
88	JIANG	8	m	t	t	a	e	-	2	0	23	10	24	37	3.55 (1.44- 8.75)	
88	JIANG	9	f	t	t	a	e	-	2	0	67	48	31	50	2.25 (1.26- 4.03)	
Subtotal 88															2.57 (1.58- 4.19)	
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00 (0.65- 1.55)	
*91	HE	1	m	t	t	a	e	-	2	0	7	271	3	168	1.45 (0.38- 5.52)	
*91	HE	3	f	t	t	a	e	-	2	0	5	340	1	131	1.93 (0.23- 16.33)	
Subtotal 91															1.57 (0.50- 4.88)	
92	LIM	1	f	t	h	a	e	a	4	0	200	602	226	764	1.12 (0.90- 1.40)	
93	LIN	1	f	t	t	a	e	-	1	0	135	92	91	177	2.85 (1.98- 4.12)	
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~(0.25- 109.12)	
95	GELAC	19	f	t	s	a	e	-	2	0	571	461	601	711	1.47 (1.24- 1.73)	
Subtotal 95															1.47 (1.25- 1.73)	
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~(0.04- 13.34)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01 (1.01- 4.00)	
Subtotal 96															1.90 (0.97- 3.72)	
97	REN	1	f	t	t	a	e	-	1	0	551	684	213	299	1.13 (0.92- 1.39)	
98	SEKI	3	m	t	s	c	e	-	2	0	3	22	67	578	1.18 (0.34- 4.03)	
98	SEKI	11	f	t	s	c	e	-	2	0	193	1170	99	640	1.07 (0.82- 1.38)	
Subtotal 98															1.07 (0.83- 1.38)	
Partial Totals											5040	390233	3595	189951		

Other											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
*76	HILL1	1	m	t	h	a	c	a	2	2	-	-	-	-	0.97 (0.53- 1.77)	
*76	HILL1	2	f	t	h	a	c	a	2	2	-	-	-	-	1.00 (0.49- 2.01)	
Subtotal 76															0.98 (0.62- 1.55)	
*77	HILL2	1	m	t	h	a	c	a	2	2	-	-	-	-	1.45 (0.75- 2.81)	
*77	HILL2	2	f	t	h	a	c	a	2	2	-	-	-	-	1.16 (0.70- 1.92)	
Subtotal 77															1.26 (0.84- 1.88)	
100	ILCCO	11	c	t	h	a	a	a	2	0	1228	3366	1061	3575	1.23 (1.12- 1.35)	
Partial Totals											1228	3366	1061	3575		

*prospective study

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	37	23	55	5	120
NS	28	19	44	3	94
Wt	604.85	371.43	1166.14	470.69	2613.12
Het Chi	69.13	27.58	110.39	1.19	218.26
Het df	36	22	54	4	119
Het P	***	N.S.	***	N.S.	***
Fixed RR	1.10	1.17	1.29	1.22	1.21
RRl	1.02	1.06	1.22	1.11	1.17
RRu	1.20	1.29	1.36	1.34	1.26
P	+	++	+++	+++	+++
Random RR	1.12	1.19	1.33	1.22	1.24
RRl	0.99	1.05	1.21	1.11	1.16
RRu	1.27	1.36	1.46	1.34	1.31
P	(+)	++	+++	+++	+++
Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.

 Within each study, results are selected according to the following order of preference:
 1) EXP : s, h, t, b
 2) TYP : t/g, other
 3) TIM : m, a, z, y, w, f, e, x, c, p, v
 4) HOU : a, other
 5) UNX : 2, 1, 4, 3, other
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 33
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Alternative EPIC Adulthood results (from nested CC) - both sexes
 By continent - unadjusted

	NAmerica	Europe	Asia	Other	Total
Relative risks					
Between Chi		0.72	9.34	2.61	9.97
Between df		1	1	1	3
Between P		N.S.	++	N.S.	*

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

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

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

Table 55
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
Female
Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)	
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43-	1.30)	
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)	
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)	
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02-	2.08)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)	
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)	
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50-	3.30)	
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93-	2.76)	
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37-	2.71)	
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87-	1.94)	
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87-	3.09)	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)	
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70-	2.10)	
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)	
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)	
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77-	8.85)	
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)	
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)	
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.47-	1.20)	
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)	
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78-	1.63)	
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60-	0.90)	
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.20)	
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)	
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77-	3.87)	
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)	
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)	
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)	
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80-	1.69)	
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)	
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)	
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88-	1.39)	
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06-	2.21)	
50	BOFFE2	14	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50-	1.90)	
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93-	3.18)	
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50-	2.90)	
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)	
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)	
56	MALATS	9	f	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.77-	2.91)	
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(0.67-	4.60)	
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)	
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66-	1.33)	
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)	
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78-	2.03)	
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01	(0.47-	2.17)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09-	1.56)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99-	1.72)	
Partial Totals											740	96099	497	82971				
*prospective study																		

Within each study, results are selected according to the following order of preference:
1) TIM : m, a, z, y, f, e, x, c, p 2) UNX : 2, 1, 4, 3, other
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 55
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
Female
Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
*1	GARFI1	1	f	t	s	c	c	-	2	0	0.16	37.42	0.00	0.3420
2	CHAN	1	f	t	s	a	e	-	2	0	-0.28	12.78	2.59	0.3086
3	CORREA	2	f	t	s	e	e	-	2	0	0.73	4.41	1.39	0.1276
4	TRICHO	1	f	y	s	a	y	-	2	0	0.73	12.77	4.08	0.0091
*6	HIRAYA	8	f	t	s	c	e	-	2	1	0.37	30.26	1.29	0.0410
7	KABAT1	4	f	t	s	e	e	-	2	0	-0.24	2.99	0.49	0.6802
8	GARFI2	3	f	t	s	a	e	-	2	0	0.21	22.25	0.04	0.3229
9	LAMW	1	f	a	s	a	e	-	2	0	0.70	10.14	2.89	0.0261
10	WU	3	f	a	s	e	m	-	2	1	0.18	4.31	0.00	0.7049
11	AKIBA	4	f	t	s	e	e	-	2	5	0.41	12.99	0.75	0.1440
12	LEE	6	f	t	s	c	m	-	2	1	0.00	3.88	0.11	1.0000
14	GAO	8	f	t	s	a	m	-	4	2	0.27	23.89	0.24	0.1944
15	HUMBL1	4	f	t	s	a	e	-	2	2	0.79	3.31	1.29	0.1516
16	KOO	3	f	t	s	e	m	-	2	4	0.49	9.57	1.04	0.1260
17	LAMT	1	f	t	s	a	m	-	2	0	0.50	30.63	3.43	0.0057
18	PERSHA	2	f	t	s	a	m	-	2	2	0.18	12.73	0.00	0.5153
*19	BUTLER	2	f	t	s	c	m	-	2	1	0.70	1.85	0.54	0.3388
20	GENG	1	f	t	s	a	e	-	2	0	0.77	8.13	2.96	0.0285
21	INOUE	2	f	t	s	e	e	-	2	1	0.81	2.58	1.08	0.1930
22	SHIMIZ	2	f	t	s	a	m	-	2	0	0.08	14.20	0.10	0.7646
23	CHOI	2	f	t	s	a	e	-	2	0	0.49	11.99	1.24	0.0916
25	SCHOEN	2	f	t	s	a	e	-	2	6	0.07	21.00	0.20	0.7533
27	JANERI	3	f	t	s	a	e	-	2	3	-0.29	17.49	3.58	0.2289
28	KALAND	3	f	t	s	a	m	-	2	4	0.75	8.82	2.98	0.0266
29	SOBUE	2	f	t	s	a	a	-	2	2	0.12	28.29	0.05	0.5157
30	WU-WIL	4	f	t	s	a	e	-	2	3	-0.36	93.46	25.44	0.0006
32	BROWN2	4	f	t	s	a	a	-	2	2	0.00	93.46	2.55	1.0000
33	STOCKW	3	f	t	s	a	e	-	7	3	0.47	8.80	0.82	0.1634
34	DU	1	f	t	s	a	e	-	2	0	0.09	13.61	0.08	0.7506
35	LIUQ	2	f	t	s	a	e	-	2	3	0.54	5.89	0.84	0.1880
36	FONTHA	6	f	t	s	a	a	-	2	8	0.25	82.80	0.67	0.0205
37	LAYARD	4	f	t	s	e	e	-	2	2	-0.54	8.74	4.40	0.1074
39	KABAT2	6	f	t	s	e	a	-	2	3	0.08	11.16	0.09	0.7971
41	SUN	2	f	t	s	a	m	-	2	2	0.15	27.47	0.01	0.4366
43	WANGT	2	f	t	s	a	m	-	2	0	0.10	14.90	0.06	0.6978
*44	CARDEN	10	f	t	s	c	m	-	2	8	0.18	31.98	0.01	0.3025
47	BOFFET	9	f	t	s	a	e	-	2	2	0.10	73.53	0.27	0.3709
49	ZARIDZ	4	f	t	s	a	e	-	2	2	0.43	28.46	1.93	0.0233
50	BOFFE2	14	f	a	s	a	a	-	2	2	0.00	8.62	0.23	1.0000
*51	JEE	4	f	t	s	c	e	-	2	5	0.54	10.17	1.45	0.0838
52	RAPITI	2	f	t	s	a	e	-	2	3	0.18	4.97	0.00	0.6843
54	ZHONG	2	f	t	s	a	e	-	2	7	0.10	38.89	0.19	0.5523
55	LEECH	8	f	t	s	a	a	-	2	7	0.63	27.89	5.92	0.0009
56	MALATS	9	f	t	s	a	e	-	2	2	0.41	8.69	0.50	0.2319
*60	NISHIN	2	f	t	s	a	c	-	2	7	0.59	4.14	0.74	0.2317
61	OHNO	6	f	t	s	a	e	-	2	2	0.00	24.05	0.65	1.0000
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-0.06	31.30	1.61	0.7292
65	IARCKR	2	f	t	s	a	a	-	2	2	-0.22	16.83	2.54	0.3600
*73	WEN	1	f	t	s	a	m	-	2	9	0.09	25.43	0.16	0.6639
*81	KURAHA	10	f	t	s	c	e	-	2	5	0.23	16.80	0.07	0.3436
90	KIYOHA	3	f	t	s	a	e	-	b	0	0.00	6.51	0.17	0.9899
95	GELAC	27	f	t	s	a	e	-	2	5	0.26	119.55	1.13	0.0041
96	MASJED	6	f	t	s	a	e	-	2	0	0.70	8.08	2.29	0.0476
98	SEKI	20	f	t	s	c	e	-	2	7	0.27	50.36	0.56	0.0553

Within each study, results are selected according to the following order of preference:
1) TIM : m, a, z, y, f, e, x, c, p 2) UNX : 2, 1, 4, 3, other
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 55
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
 Female
 Overall analysis - adjusted

Relative risks

	N	54
	NS	54
	Wt	1245.21
Het	Chi	87.72
Het	df	53
Het	P	**
Fixed	RR	1.18
	RRl	1.12
	RRu	1.25
	P	+++
Random	RR	1.22
	RRl	1.13
	RRu	1.32
	P	+++
Asymm	P	*

Within each study, results are selected according to the following order of preference:
 1) TIM : m, a, z, y, f, e, x, c, p 2) UNX : 2, 1, 4, 3, other
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 56
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
Female

Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)	
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43-	1.30)	
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)	
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)	
*6	HIRAYA	7	f	t	s	c	e	-	2	0	163	69645	37	21895	1.38	(0.97-	1.98)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)	
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)	
10	WU	2	f	a	s	e	m	-	2	0	19	33	9	22	1.41	(0.54-	3.67)	
11	AKIBA	3	f	t	s	e	e	-	2	0	73	188	21	82	1.52	(0.87-	2.63)	
12	LEE	5	f	t	s	c	m	-	2	0	22	45	10	21	1.03	(0.41-	2.55)	
14	GAO	4	f	t	s	a	m	-	4	0	189	276	57	99	1.19	(0.82-	1.73)	
15	HUMBL1	3	f	t	s	a	e	-	2	0	15	91	5	71	2.34	(0.81-	6.75)	
16	KOO	2	f	t	s	e	m	-	2	0	51	66	35	70	1.55	(0.90-	2.67)	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)	
18	PERSHA	1	f	t	s	a	m	-	2	0	37	153	33	141	1.03	(0.61-	1.74)	
*19	BUTLER	1	f	t	s	c	m	-	2	0	3	10579	5	43052	2.44	(0.58-	10.22)	
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)	
21	INOUE	1	f	t	s	e	e	-	2	0	18	30	4	17	2.55	(0.74-	8.78)	
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)	
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)	
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.47-	1.20)	
28	KALAND	2	f	t	s	a	m	-	2	0	64	70	26	46	1.62	(0.90-	2.91)	
29	SOBUE	1	f	t	s	a	a	-	2	0	80	395	64	336	1.06	(0.74-	1.52)	
30	WU-WIL	3	f	t	s	a	e	-	2	0	205	331	212	271	0.79	(0.62-	1.02)	
32	BROWN2	3	f	t	s	a	a	-	2	0	218	598	213	568	0.97	(0.78-	1.21)	
33	STOCKW	2	f	t	s	a	e	-	7	0	44	55	18	36	1.60	(0.80-	3.19)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)	
35	LIUQ	1	f	t	s	a	e	-	2	0	25	37	13	32	1.66	(0.73-	3.78)	
36	FONTHA	5	f	t	s	a	a	-	2	0	433	766	218	487	1.26	(1.04-	1.54)	
37	LAYARD	3	f	t	s	e	e	-	2	0	15	961	24	969	0.63	(0.33-	1.21)	
39	KABAT2	5	f	t	s	e	a	-	2	0	41	102	26	71	1.10	(0.62-	1.96)	
41	SUN	11	f	t	s	a	m	-	2	0	144	136	86	94	1.16	(0.80-	1.68)	
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)	
*44	CARDEN	9	f	t	s	c	m	-	2	0	96	114286	54	77948	1.21	(0.87-	1.69)	
47	BOFFET	8	f	t	s	a	e	-	2	0	321	632	187	376	1.02	(0.82-	1.27)	
49	ZARIDZ	3	f	t	s	a	e	-	2	0	109	163	80	195	1.63	(1.14-	2.33)	
50	BOFFE2	13	f	a	s	a	a	-	2	0	33	69	33	68	0.99	(0.55-	1.77)	
*51	JEE	3	f	t	s	c	e	-	2	1	67	-	12	-	1.80	(0.98-	3.30)	
52	RAPITI	1	f	t	s	a	e	-	2	0	13	21	28	46	1.02	(0.44-	2.35)	
54	ZHONG	1	f	t	s	a	e	-	2	0	322	377	182	224	1.05	(0.82-	1.34)	
55	LEECH	7	f	t	s	a	a	-	2	0	186	253	82	192	1.72	(1.25-	2.37)	
56	MALATS	2	f	t	s	a	e	-	2	0	-	-	-	-	1.70	(0.95-	3.05)	
*60	NISHIN	1	f	t	s	a	c	-	2	0	11	30566	13	43361	1.20	(0.54-	2.68)	
61	OHNO	5	f	t	s	a	e	-	2	0	139	239	52	90	1.01	(0.67-	1.50)	
*63	ENSTRO	9	f	t	s	c	e	-	2	1	-	-	-	-	0.99	(0.72-	1.37)	
65	IARCKR	1	f	t	s	a	a	-	2	0	-	-	-	-	0.90	(0.60-	1.40)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)	
*81	KURAHA	9	f	t	s	c	e	-	2	0	84	280346	25	97466	1.17	(0.75-	1.83)	
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01	(0.47-	2.17)	
95	GELAC	19	f	t	s	a	e	-	2	0	571	461	601	711	1.47	(1.24-	1.73)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)	
98	SEKI	11	f	t	s	c	e	-	2	0	193	1170	99	640	1.07	(0.82-	1.38)	
Partial Totals											4744	609239	3061	372668				
*prospective study																		

Within each study, results are selected according to the following order of preference:
1) TIM : m, a, z, y, f, e, x, c, p 2) UNX : 2, 1, 4, 3, other
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 56
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
Female
Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
*1	GARFI1	1	f	t	s	c	c	-	2	0	0.16	37.42	0.02	0.3420
2	CHAN	1	f	t	s	a	e	-	2	0	-0.28	12.78	2.74	0.3086
3	CORREA	2	f	t	s	e	e	-	2	0	0.73	4.41	1.32	0.1276
4	TRICHO	1	f	y	s	a	y	-	2	0	0.73	12.77	3.89	0.0091
*6	HIRAYA	7	f	t	s	c	e	-	2	0	0.33	30.21	0.66	0.0734
7	KABAT1	4	f	t	s	e	e	-	2	0	-0.24	2.99	0.52	0.6802
8	GARFI2	3	f	t	s	a	e	-	2	0	0.21	22.25	0.02	0.3229
9	LAMW	1	f	a	s	a	e	-	2	0	0.70	10.14	2.74	0.0261
10	WU	2	f	a	s	e	m	-	2	0	0.34	4.18	0.11	0.4850
11	AKIBA	3	f	t	s	e	e	-	2	0	0.42	12.69	0.72	0.1382
12	LEE	5	f	t	s	c	m	-	2	0	0.03	4.64	0.11	0.9548
14	GAO	4	f	t	s	a	m	-	4	0	0.17	27.35	0.00	0.3644
15	HUMBL1	3	f	t	s	a	e	-	2	0	0.85	3.43	1.55	0.1154
16	KOO	2	f	t	s	e	m	-	2	0	0.44	12.88	0.85	0.1182
17	LAMT	1	f	t	s	a	m	-	2	0	0.50	30.63	3.17	0.0057
18	PERSHA	1	f	t	s	a	m	-	2	0	0.03	14.09	0.30	0.9022
*19	BUTLER	1	f	t	s	c	m	-	2	0	0.89	1.88	0.96	0.2215
20	GENG	1	f	t	s	a	e	-	2	0	0.77	8.13	2.83	0.0285
21	INOUE	1	f	t	s	e	e	-	2	0	0.94	2.51	1.44	0.1377
22	SHIMIZ	2	f	t	s	a	m	-	2	0	0.08	14.20	0.14	0.7646
23	CHOI	2	f	t	s	a	e	-	2	0	0.49	11.99	1.14	0.0916
25	SCHOEN	2	f	t	s	a	e	-	2	6	0.07	21.00	0.25	0.7533
27	JANERI	3	f	t	s	a	e	-	2	3	-0.29	17.49	3.80	0.2289
28	KALAND	2	f	t	s	a	m	-	2	0	0.48	11.10	1.02	0.1091
29	SOBUE	1	f	t	s	a	a	-	2	0	0.06	29.73	0.41	0.7379
30	WU-WIL	3	f	t	s	a	e	-	2	0	-0.23	61.33	10.40	0.0674
32	BROWN2	3	f	t	s	a	a	-	2	0	-0.03	78.65	3.36	0.8021
33	STOCKW	2	f	t	s	a	e	-	7	0	0.47	8.05	0.68	0.1824
34	DU	1	f	t	s	a	e	-	2	0	0.09	13.61	0.12	0.7506
35	LIUQ	1	f	t	s	a	e	-	2	0	0.51	5.71	0.62	0.2242
36	FONTHA	5	f	t	s	a	a	-	2	0	0.23	97.51	0.30	0.0212
37	LAYARD	3	f	t	s	e	e	-	2	0	-0.46	9.06	3.71	0.1647
39	KABAT2	5	f	t	s	e	a	-	2	0	0.09	11.53	0.08	0.7517
41	SUN	11	f	t	s	a	m	-	2	0	0.15	27.35	0.03	0.4448
43	WANGT	2	f	t	s	a	m	-	2	0	0.10	14.90	0.09	0.6978
*44	CARDEN	9	f	t	s	c	m	-	2	0	0.19	34.59	0.01	0.2571
47	BOFFET	8	f	t	s	a	e	-	2	0	0.02	78.71	1.95	0.8520
49	ZARIDZ	3	f	t	s	a	e	-	2	0	0.49	30.36	2.92	0.0071
50	BOFFE2	13	f	a	s	a	a	-	2	0	-0.01	11.14	0.41	0.9611
*51	JEE	3	f	t	s	c	e	-	2	1	0.59	10.42	1.75	0.0577
52	RAPITI	1	f	t	s	a	e	-	2	0	0.02	5.49	0.14	0.9685
54	ZHONG	1	f	t	s	a	e	-	2	0	0.05	63.63	1.05	0.6903
55	LEECH	7	f	t	s	a	a	-	2	0	0.54	37.41	4.98	0.0009
56	MALATS	2	f	t	s	a	e	-	2	0	0.53	11.29	1.40	0.0745
*60	NISHIN	1	f	t	s	a	c	-	2	0	0.18	5.96	0.00	0.6557
61	OHNO	5	f	t	s	a	e	-	2	0	0.01	23.97	0.71	0.9743
*63	ENSTRO	9	f	t	s	c	e	-	2	1	-0.01	37.13	1.32	0.9512
65	IARCKR	1	f	t	s	a	a	-	2	0	-0.11	21.40	1.72	0.6259
*73	WEN	1	f	t	s	a	m	-	2	9	0.09	25.43	0.22	0.6639
*81	KURAHA	9	f	t	s	c	e	-	2	0	0.16	19.27	0.01	0.4951
90	KIYOHA	3	f	t	s	a	e	-	b	0	0.00	6.51	0.20	0.9899
95	GELAC	19	f	t	s	a	e	-	2	0	0.38	143.04	5.94	0.0000
96	MASJED	6	f	t	s	a	e	-	2	0	0.70	8.08	2.17	0.0476
98	SEKI	11	f	t	s	c	e	-	2	0	0.06	56.50	0.73	0.6290

Within each study, results are selected according to the following order of preference:
1) TIM : m, a, z, y, f, e, x, c, p 2) UNX : 2, 1, 4, 3, other
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 56
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
 Female
 Overall analysis - unadjusted

Relative risks

	N	54
	NS	54
	Wt	1318.90
	Het Chi	77.71
	Het df	53
	Het P	*
Fixed	RR	1.20
	RRl	1.13
	RRu	1.26
	P	+++
Random	RR	1.21
	RRl	1.12
	RRu	1.30
	P	+++
Asymm	P	N.S.

 Within each study, results are selected according to the following order of preference:
 1) TIM : m, a, z, y, f, e, x, c, p 2) UNX : 2, 1, 4, 3, other
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 57
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
Female
By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)	
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)	
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)	
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50-	3.30)	
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)	
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)	
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.47-	1.20)	
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.20)	
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)	
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)	
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)	
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)	
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)	
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66-	1.33)	
Partial Totals											206	95210	127	82089				
*prospective study																		

Europe

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

Asia

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43-	1.30)	
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02-	2.08)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)	
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93-	2.76)	
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87-	1.94)	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87-	3.09)	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)	
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)	
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77-	8.85)	
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)	
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)	
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78-	1.63)	
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60-	0.90)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)	
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77-	3.87)	
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80-	1.69)	
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)	
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93-	3.18)	
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50-	2.90)	
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)	
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)	
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(0.67-	4.60)	
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)	
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78-	2.03)	
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01	(0.47-	2.17)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09-	1.56)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99-	1.72)	
Partial Totals											481	773	346	773				

Within each study, results are selected according to the following order of preference:
1) TIM : m, a, z, y, f, e, x, c, p 2) UNX : 2, 1, 4, 3, other
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 57
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
 Female
 By continent - adjusted

Asia										Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case			Cont
*prospective study															
			NAmerica		Europe		Asia		Other		Total				
Relative risks															
		N	16		9		29				54				
		NS	16		9		29				54				
		Wt	383.27		174.33		687.61				1245.21				
		Het Chi	16.16		12.17		57.09				87.72				
		Het df	15		8		28				53				
		Het P	N.S.		N.S.		***				**				
		Fixed RR	1.11		1.24		1.21				1.18				
		RRl	1.00		1.07		1.12				1.12				
		RRu	1.22		1.44		1.30				1.25				
		P	+		++		+++				+++				
		Random RR	1.11		1.28		1.28				1.22				
		RRl	0.99		1.04		1.14				1.13				
		RRu	1.23		1.58		1.44				1.32				
		P	(+)		+		+++				+++				
		Asymm P	N.S.		N.S.		*				*				
		Between Chi			1.56		1.75				2.29				
		Between df			1		1				2				
		Between P			N.S.		N.S.		N.S.		N.S.				

 Within each study, results are selected according to the following order of preference:
 1) TIM : m, a, z, y, f, e, x, c, p 2) UNX : 2, 1, 4, 3, other
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 58
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
Female

By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)
10	WU	2	f	a	s	e	m	-	2	0	19	33	9	22	1.41	(0.54-	3.67)
15	HUMBL1	3	f	t	s	a	e	-	2	0	15	91	5	71	2.34	(0.81-	6.75)
*19	BUTLER	1	f	t	s	c	m	-	2	0	3	10579	5	43052	2.44	(0.58-	10.22)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)
27	JANERI	3	f	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.47-	1.20)
32	BROWN2	3	f	t	s	a	a	-	2	0	218	598	213	568	0.97	(0.78-	1.21)
33	STOCKW	2	f	t	s	a	e	-	7	0	44	55	18	36	1.60	(0.80-	3.19)
36	FONTHA	5	f	t	s	a	a	-	2	0	433	766	218	487	1.26	(1.04-	1.54)
37	LAYARD	3	f	t	s	e	e	-	2	0	15	961	24	969	0.63	(0.33-	1.21)
39	KABAT2	5	f	t	s	e	a	-	2	0	41	102	26	71	1.10	(0.62-	1.96)
*44	CARDEN	9	f	t	s	c	m	-	2	0	96	114286	54	77948	1.21	(0.87-	1.69)
*63	ENSTRO	9	f	t	s	c	e	-	2	1	-	-	-	-	0.99	(0.72-	1.37)
Partial Totals											1090	222681	699	205313			
*prospective study																	

Europe

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

Asia

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43-	1.30)
*6	HIRAYA	7	f	t	s	c	e	-	2	0	163	69645	37	21895	1.38	(0.97-	1.98)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)
11	AKIBA	3	f	t	s	e	e	-	2	0	73	188	21	82	1.52	(0.87-	2.63)
14	GAO	4	f	t	s	a	m	-	4	0	189	276	57	99	1.19	(0.82-	1.73)
16	KOO	2	f	t	s	e	m	-	2	0	51	66	35	70	1.55	(0.90-	2.67)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)
21	INOUE	1	f	t	s	e	e	-	2	0	18	30	4	17	2.55	(0.74-	8.78)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)
29	SOBUE	1	f	t	s	a	a	-	2	0	80	395	64	336	1.06	(0.74-	1.52)
30	WU-WIL	3	f	t	s	a	e	-	2	0	205	331	212	271	0.79	(0.62-	1.02)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)
35	LIUQ	1	f	t	s	a	e	-	2	0	25	37	13	32	1.66	(0.73-	3.78)
41	SUN	11	f	t	s	a	m	-	2	0	144	136	86	94	1.16	(0.80-	1.68)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)
*51	JEE	3	f	t	s	c	e	-	2	1	67	-	12	-	1.80	(0.98-	3.30)
52	RAPITI	1	f	t	s	a	e	-	2	0	13	21	28	46	1.02	(0.44-	2.35)
54	ZHONG	1	f	t	s	a	e	-	2	0	322	377	182	224	1.05	(0.82-	1.34)
55	LEECH	7	f	t	s	a	a	-	2	0	186	253	82	192	1.72	(1.25-	2.37)
*60	NISHIN	1	f	t	s	a	c	-	2	0	11	30566	13	43361	1.20	(0.54-	2.68)
61	OHNO	5	f	t	s	a	e	-	2	0	139	239	52	90	1.01	(0.67-	1.50)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)
*81	KURAHA	9	f	t	s	c	e	-	2	0	84	280346	25	97466	1.17	(0.75-	1.83)
90	KIYOHA	3	f	t	s	a	e	-	b	0	-	-	-	-	1.01	(0.47-	2.17)
95	GELAC	19	f	t	s	a	e	-	2	0	571	461	601	711	1.47	(1.24-	1.73)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)
98	SEKI	11	f	t	s	c	e	-	2	0	193	1170	99	640	1.07	(0.82-	1.38)
Partial Totals											3015	385310	1969	166399			

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

1) TIM : m, a, z, y, f, e, x, c, p 2) UNX : 2, 1, 4, 3, other

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

Table 58
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
 Female
 By continent - unadjusted

Asia										Number Exposed		Non-exposed		RR	95.00%CI	
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case			Cont
*prospective study																
			NAmerica	Europe	Asia	Other	Total									
Relative risks																
		N	16		9		29									
		NS	16		9		29									
		Wt	391.54		195.51		731.85						1318.90			
		Het Chi	16.15		13.71		45.04						77.71			
		Het df	15		8		28						53			
		Het P	N.S.		(*)		*						*			
	Fixed	RR	1.12		1.20		1.24						1.20			
		RRl	1.01		1.04		1.15						1.13			
		RRu	1.23		1.38		1.33						1.26			
		P	+		+		+++						+++			
	Random	RR	1.11		1.25		1.25						1.21			
		RRl	1.00		1.02		1.13						1.12			
		RRu	1.24		1.54		1.38						1.30			
		P	+		+		+++						+++			
	Asymm	P	N.S.		N.S.		N.S.						N.S.			
	Between	Chi			0.66		2.81						2.81			
	Between	df			1		1						2			
	Between	P			N.S.		(+)			N.S.			N.S.			

 Within each study, results are selected according to the following order of preference:
 1) TIM : m, a, z, y, f, e, x, c, p 2) UNX : 2, 1, 4, 3, other
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 59
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14

Male
Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI			
											Case	Cont	Case	Cont					
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(0.38-	10.32)		
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25	(1.05-	4.76)		
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(0.20-	5.07)		
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80	(0.39-	6.96)		
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30	(0.38-	4.39)		
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08	(0.70-	23.91)		
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49-	15.21)		
27	JANERI	2	m	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.31-	1.78)		
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47	(0.55-	3.94)		
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60	(0.67-	3.82)		
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10	(0.60-	1.80)		
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47	(0.81-	2.66)		
56	MALATS	8	m	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.41-	5.43)		
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63	(0.33-	1.22)		
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10-	3.00)		
90	KIYOHA	2	m	t	s	a	e	-	b	0	-	-	-	-	1.01	(0.59-	1.71)		
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~	(0.25-	109.12)		
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~	(0.04-	13.34)		
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29	(0.34-	4.91)		
Partial Totals											11	41	349	729					
*prospective study zero																			~ With 0.5 adjustment for

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
3	CORREA	1	m	t	s	e	e	-	2	0	0.68	1.41	0.34	0.4200
*6	HIRAYA	2	m	t	s	c	e	-	2	1	0.81	6.73	2.60	0.0355
7	KABAT1	3	m	t	s	e	e	-	2	0	0.00	1.46	0.05	1.0000
11	AKIBA	2	m	t	s	e	e	-	2	5	0.59	1.85	0.29	0.4240
12	LEE	4	m	t	s	c	m	-	2	1	0.26	2.57	0.01	0.6743
15	HUMBL1	2	m	t	s	a	e	-	2	2	1.41	1.23	1.83	0.1185
23	CHOI	1	m	t	s	a	e	-	2	0	1.00	1.30	0.86	0.2525
27	JANERI	2	m	t	s	a	e	-	2	3	-0.29	5.03	1.14	0.5188
37	LAYARD	2	m	t	s	e	e	-	2	2	0.39	3.96	0.15	0.4431
39	KABAT2	4	m	t	s	e	a	-	2	3	0.47	5.07	0.40	0.2899
*44	CARDEN	12	m	t	s	c	m	-	2	8	0.10	12.73	0.11	0.7338
47	BOFFET	7	m	t	s	a	e	-	2	2	0.39	10.87	0.42	0.2041
56	MALATS	8	m	t	s	a	e	-	2	2	0.41	2.30	0.11	0.5384
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-0.46	8.99	3.81	0.1660
65	IARCKR	3	m	t	s	a	a	-	2	0	-0.92	1.33	1.62	0.2910
90	KIYOHA	2	m	t	s	a	e	-	b	0	0.00	13.70	0.46	0.9853
95	GELAC	31	m	t	s	a	e	-	2	0	1.65	0.42	0.89	0.2869
96	MASJED	5	m	t	s	a	e	-	2	0	-0.36	0.44	0.13	0.8113
98	SEKI	7	m	t	s	c	e	-	2	7	0.25	2.16	0.01	0.7085

Relative risks

N	19
NS	19
Wt	83.54
Het Chi	15.25
Het df	18
Het P	N.S.
Fixed RR	1.21
RRl	0.97
RRu	1.50
P	(+)
Random RR	1.21
RRl	0.97
RRu	1.50
P	(+)
Asymm P	N.S.

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

1) TIM : m, a, z, y, f, e, x, c, p 2) UNX : 2, 1, 4, 3, other

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

Table 60
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
Male

Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97 (0.38- 10.32)	
*6	HIRAYA	1	m	t	s	c	e	-	2	0	7	1010	57	19279	2.34 (1.07- 5.13)	
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00 (0.20- 5.07)	
11	AKIBA	1	m	t	s	e	e	-	2	0	3	9	16	101	2.10 (0.51- 8.61)	
12	LEE	3	m	t	s	c	m	-	2	0	8	14	7	16	1.31 (0.38- 4.52)	
15	HUMBL1	1	m	t	s	a	e	-	2	0	5	37	3	93	4.19 (0.95- 18.42)	
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73 (0.49- 15.21)	
27	JANERI	2	m	t	s	a	e	-	2	3	-	-	-	-	0.75 (0.31- 1.78)	
37	LAYARD	1	m	t	s	e	e	-	2	0	6	215	15	783	1.46 (0.56- 3.80)	
39	KABAT2	3	m	t	s	e	a	-	2	0	11	19	28	79	1.63 (0.69- 3.85)	
*44	CARDEN	11	m	t	s	c	m	-	2	0	18	19549	79	76993	0.90 (0.54- 1.50)	
47	BOFFET	6	m	t	s	a	e	-	2	0	23	68	118	462	1.32 (0.79- 2.21)	
56	MALATS	1	m	t	s	a	e	-	2	0	-	-	-	-	1.70 (0.55- 5.26)	
*63	ENSTRO	3	m	t	s	c	e	-	2	1	-	-	-	-	0.75 (0.42- 1.35)	
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40 (0.10- 3.00)	
90	KIYOHA	2	m	t	s	a	e	-	b	0	-	-	-	-	1.01 (0.59- 1.71)	
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~(0.25- 109.12)	
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~(0.04- 13.34)	
98	SEKI	3	m	t	s	c	e	-	2	0	3	22	67	578	1.18 (0.34- 4.03)	
Partial Totals											95	20984	739	99113		

*prospective study
zero

~ With 0.5 adjustment for

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
3	CORREA	1	m	t	s	e	e	-	2	0	0.68	1.41	0.37	0.4200
*6	HIRAYA	1	m	t	s	c	e	-	2	0	0.85	6.28	2.94	0.0328
7	KABAT1	3	m	t	s	e	e	-	2	0	0.00	1.46	0.04	1.0000
11	AKIBA	1	m	t	s	e	e	-	2	0	0.74	1.93	0.64	0.3008
12	LEE	3	m	t	s	c	m	-	2	0	0.27	2.49	0.02	0.6735
15	HUMBL1	1	m	t	s	a	e	-	2	0	1.43	1.75	2.80	0.0580
23	CHOI	1	m	t	s	a	e	-	2	0	1.00	1.30	0.91	0.2525
27	JANERI	2	m	t	s	a	e	-	2	3	-0.29	5.03	1.04	0.5188
37	LAYARD	1	m	t	s	e	e	-	2	0	0.38	4.18	0.18	0.4418
39	KABAT2	3	m	t	s	e	a	-	2	0	0.49	5.21	0.55	0.2627
*44	CARDEN	11	m	t	s	c	m	-	2	0	-0.11	14.67	1.11	0.6783
47	BOFFET	6	m	t	s	a	e	-	2	0	0.28	14.53	0.19	0.2843
56	MALATS	1	m	t	s	a	e	-	2	0	0.53	3.01	0.40	0.3569
*63	ENSTRO	3	m	t	s	c	e	-	2	1	-0.29	11.27	2.33	0.3341
65	IARCKR	3	m	t	s	a	a	-	2	0	-0.92	1.33	1.56	0.2910
90	KIYOHA	2	m	t	s	a	e	-	b	0	0.00	13.70	0.36	0.9853
95	GELAC	31	m	t	s	a	e	-	2	0	1.65	0.42	0.92	0.2869
96	MASJED	5	m	t	s	a	e	-	2	0	-0.36	0.44	0.12	0.8113
98	SEKI	3	m	t	s	c	e	-	2	0	0.16	2.53	0.00	0.7961

Relative risks

N	19
NS	19
Wt	92.94
Het Chi	16.49
Het df	18
Het P	N.S.
Fixed RR	1.18
RRl	0.96
RRu	1.45
P	N.S.
Random RR	1.18
RRl	0.96
RRu	1.45
P	N.S.
Asymm P	N.S.

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

1) TIM : m, a, z, y, f, e, x, c, p 2) UNX : 2, 1, 4, 3, other

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

Table 61
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
Male

By continent - adjusted

NAmerica

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

*prospective study

Europe

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

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25	(1.05- 4.76)
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80	(0.39- 6.96)
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49- 15.21)
90	KIYOHA	2	m	t	s	a	e	-	b	0	-	-	-	-	1.01	(0.59- 1.71)
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~	(0.25- 109.12)
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~	(0.04- 13.34)
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29	(0.34- 4.91)
Partial Totals											4	10	336	568		

*prospective study

zero

~ With 0.5 adjustment for

NAmerica Europe Asia Other Total

Relative risks

N	8	4	7	19
NS	8	4	7	19
Wt	39.88	17.06	26.59	83.54
Het Chi	7.12	2.06	4.66	15.25
Het df	7	3	6	18
Het P	N.S.	N.S.	N.S.	N.S.
Fixed RR	1.06	1.31	1.40	1.21
RRl	0.78	0.81	0.96	0.97
RRu	1.44	2.10	2.05	1.50
P	N.S.	N.S.	(+)	(+)
Random RR	1.06	1.31	1.40	1.21
RRl	0.77	0.81	0.96	0.97
RRu	1.45	2.10	2.05	1.50
P	N.S.	N.S.	(+)	(+)
Asymm P	N.S.	N.S.	N.S.	N.S.
Between Chi		0.54	1.27	1.41
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

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

1) TIM : m, a, z, y, f, e, x, c, p 2) UNX : 2, 1, 4, 3, other

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

Table 62
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
Male
By continent - unadjusted

NAmerica

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

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
12	LEE	3	m	t	s	c	m	-	2	0	8	14	7	16	1.31	(0.38- 4.52)
47	BOFFET	6	m	t	s	a	e	-	2	0	23	68	118	462	1.32	(0.79- 2.21)
56	MALATS	1	m	t	s	a	e	-	2	0	-	-	-	-	1.70	(0.55- 5.26)
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10- 3.00)
Partial Totals											31	82	125	478		

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
*6	HIRAYA	1	m	t	s	c	e	-	2	0	7	1010	57	19279	2.34	(1.07- 5.13)
11	AKIBA	1	m	t	s	e	e	-	2	0	3	9	16	101	2.10	(0.51- 8.61)
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49- 15.21)
90	KIYOHA	2	m	t	s	a	e	-	b	0	-	-	-	-	1.01	(0.59- 1.71)
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~	(0.25- 109.12)
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~	(0.04- 13.34)
98	SEKI	3	m	t	s	c	e	-	2	0	3	22	67	578	1.18	(0.34- 4.03)
Partial Totals											17	1051	476	20526		

*prospective study

zero ~ With 0.5 adjustment for

NAmerica Europe Asia Other Total

Relative risks

N	8	4	7	19
NS	8	4	7	19
Wt	44.98	21.36	26.60	92.94
Het Chi	7.57	2.06	5.08	16.49
Het df	7	3	6	18
Het P	N.S.	N.S.	N.S.	N.S.
Fixed RR	1.03	1.27	1.41	1.18
RRl	0.77	0.83	0.96	0.96
RRu	1.38	1.94	2.06	1.45
P	N.S.	N.S.	(+)	N.S.
Random RR	1.05	1.27	1.41	1.18
RRl	0.77	0.83	0.96	0.96
RRu	1.43	1.94	2.06	1.45
P	N.S.	N.S.	(+)	N.S.
Asymm P	(*)	N.S.	N.S.	N.S.
Between Chi		0.64	1.64	1.78
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

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

1) TIM : m, a, z, y, f, e, x, c, p 2) UNX : 2, 1, 4, 3, other

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

Table 63
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
Both sexes
Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43-	1.30)
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(0.38-	10.32)
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)
Subtotal 3																	
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25	(1.05-	4.76)
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45	(1.02-	2.08)
Subtotal 6																	
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(0.20-	5.07)
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)
Subtotal 7																	
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50-	3.30)
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80	(0.39-	6.96)
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50	(0.93-	2.76)
Subtotal 11																	
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30	(0.38-	4.39)
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37-	2.71)
Subtotal 12																	
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30	(0.87-	1.94)
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08	(0.70-	23.91)
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)
Subtotal 15																	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64	(0.87-	3.09)
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70-	2.10)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25	(0.77-	8.85)
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49-	15.21)
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)
Subtotal 23																	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.48-	1.18)
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13	(0.78-	1.63)
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70	(0.60-	0.90)
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.20)
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72	(0.77-	3.87)
36	PONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47	(0.55-	3.94)
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)
Subtotal 37																	
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60	(0.67-	3.82)
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)
Subtotal 39																	
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16	(0.80-	1.69)
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10	(0.60-	1.80)
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)
Subtotal 44																	
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47	(0.81-	2.66)
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88-	1.39)
Subtotal 47																	
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06-	2.21)
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50-	1.80)
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72	(0.93-	3.18)
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20	(0.50-	2.90)
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10	(0.80-	1.50)
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87	(1.29-	2.71)
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.80-	2.60)
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80	(0.67-	4.60)

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

1) TIM : m, a, z, y, f, e, x, c, p 2) UNX : 2, 1, 4, 3, other

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

Table 63
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
Both sexes

Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00	(0.67-	1.49)	
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63	(0.33-	1.22)	
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-	-	-	-	0.94	(0.66-	1.33)	
Subtotal 63																0.86	(0.63-	1.17)
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10-	3.00)	
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)	
Subtotal 65																0.76	(0.48-	1.20)
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)	
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26	(0.78-	2.03)	
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00	(0.65-	1.55)	
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~	(0.25-	109.12)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30	(1.09-	1.56)	
Subtotal 95																1.31	(1.09-	1.56)
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~	(0.04-	13.34)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)	
Subtotal 96																1.90	(0.97-	3.72)
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29	(0.34-	4.91)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31	(0.99-	1.72)	
Subtotal 98																1.31	(1.00-	1.72)
Partial Totals											850	96275	900	83774				
*prospective study zero											~ With 0.5 adjustment for zero							

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps				
*1	GARFI1	1	f	t	s	c	c	-	2	0	0.16	37.42	0.01	0.3420				
2	CHAN	1	f	t	s	a	e	-	2	0	-0.28	12.78	2.62	0.3086				
3	CORREA	1	m	t	s	e	e	-	2	0	0.68	1.41	0.37	0.4200				
3	CORREA	2	f	t	s	e	e	-	2	0	0.73	4.41	1.37	0.1276				
Subtotal 3															0.71	5.82	1.74	
4	TRICHO	1	f	y	s	a	y	-	2	0	0.73	12.77	4.04	0.0091				
*6	HIRAYA	2	m	t	s	c	e	-	2	1	0.81	6.73	2.78	0.0355				
*6	HIRAYA	8	f	t	s	c	e	-	2	1	0.37	30.26	1.26	0.0410				
Subtotal 6															0.45	36.99	4.04	
7	KABAT1	3	m	t	s	e	e	-	2	0	0.00	1.46	0.04	1.0000				
7	KABAT1	4	f	t	s	e	e	-	2	0	-0.24	2.99	0.49	0.6802				
Subtotal 7															-0.16	4.45	0.53	
8	GARFI2	3	f	t	s	a	e	-	2	0	0.21	22.25	0.04	0.3229				
9	LAMW	1	f	a	s	a	e	-	2	0	0.70	10.14	2.86	0.0261				
10	WU	3	f	a	s	e	m	-	2	1	0.18	4.31	0.00	0.7049				
11	AKIBA	2	m	t	s	e	e	-	2	5	0.59	1.85	0.33	0.4240				
11	AKIBA	4	f	t	s	e	e	-	2	5	0.41	12.99	0.73	0.1440				
Subtotal 11															0.43	14.84	1.06	
12	LEE	4	m	t	s	c	m	-	2	1	0.26	2.57	0.02	0.6743				
12	LEE	6	f	t	s	c	m	-	2	1	0.00	3.88	0.11	1.0000				
Subtotal 12															0.10	6.44	0.13	
14	GAO	8	f	t	s	a	m	-	4	2	0.27	23.89	0.23	0.1944				
15	HUMBL1	2	m	t	s	a	e	-	2	2	1.41	1.23	1.89	0.1185				
15	HUMBL1	4	f	t	s	a	e	-	2	2	0.79	3.31	1.27	0.1516				
Subtotal 15															0.96	4.54	3.16	
16	KOO	3	f	t	s	e	m	-	2	4	0.49	9.57	1.02	0.1260				
17	LAMT	1	f	t	s	a	m	-	2	0	0.50	30.63	3.38	0.0057				
18	PERSHA	2	f	t	s	a	m	-	2	2	0.18	12.73	0.00	0.5153				
*19	BUTLER	2	f	t	s	c	m	-	2	1	0.70	1.85	0.53	0.3388				
20	GENG	1	f	t	s	a	e	-	2	0	0.77	8.13	2.93	0.0285				
21	INOUE	2	f	t	s	e	e	-	2	1	0.81	2.58	1.07	0.1930				
22	SHIMIZ	2	f	t	s	a	m	-	2	0	0.08	14.20	0.11	0.7646				
23	CHOI	1	m	t	s	a	e	-	2	0	1.00	1.30	0.91	0.2525				
23	CHOI	2	f	t	s	a	e	-	2	0	0.49	11.99	1.22	0.0916				
Subtotal 23															0.54	13.29	2.13	
25	SCHOEN	2	f	t	s	a	e	-	2	6	0.07	21.00	0.21	0.7533				
27	JANERI	4	c	t	s	a	e	-	2	3	-0.29	18.99	3.94	0.2099				
28	KALAND	3	f	t	s	a	m	-	2	4	0.75	8.82	2.96	0.0266				
29	SOBUE	2	f	t	s	a	a	-	2	2	0.12	28.29	0.06	0.5157				
30	WU-WIL	4	f	t	s	a	e	-	2	3	-0.36	93.46	25.69	0.0006				
32	BROWN2	4	f	t	s	a	a	-	2	2	0.00	93.46	2.63	1.0000				
33	STOCKW	3	f	t	s	a	e	-	7	3	0.47	8.80	0.80	0.1634				
34	DU	1	f	t	s	a	e	-	2	0	0.09	13.61	0.09	0.7506				

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

1) TIM : m, a, z, y, f, e, x, c, p 2) UNX : 2, 1, 4, 3, other

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Table 63
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
Both sexes

Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
35	LIUQ	2	f	t	s	a	e	-	2	3	0.54	5.89	0.83	0.1880
36	FONTHA	6	f	t	s	a	a	-	2	8	0.25	82.80	0.63	0.0205
37	LAYARD	2	m	t	s	e	e	-	2	2	0.39	3.96	0.19	0.4431
37	LAYARD	4	f	t	s	e	e	-	2	2	-0.54	8.74	4.43	0.1074
Subtotal 37											-0.25	12.70	4.62	
39	KABAT2	4	m	t	s	e	a	-	2	3	0.47	5.07	0.46	0.2899
39	KABAT2	6	f	t	s	e	a	-	2	3	0.08	11.16	0.09	0.7971
Subtotal 39											0.20	16.23	0.56	
41	SUN	2	f	t	s	a	m	-	2	2	0.15	27.47	0.01	0.4366
43	WANGT	2	f	t	s	a	m	-	2	0	0.10	14.90	0.07	0.6978
*44	CARDEN	12	m	t	s	c	m	-	2	8	0.10	12.73	0.07	0.7338
*44	CARDEN	10	f	t	s	c	m	-	2	8	0.18	31.98	0.01	0.3025
Subtotal 44											0.16	44.71	0.07	
47	BOFFET	7	m	t	s	a	e	-	2	2	0.39	10.87	0.51	0.2041
47	BOFFET	9	f	t	s	a	e	-	2	2	0.10	73.53	0.29	0.3709
Subtotal 47											0.14	84.40	0.81	
49	ZARIDZ	4	f	t	s	a	e	-	2	2	0.43	28.46	1.89	0.0233
50	BOFFE2	12	c	a	s	a	a	-	2	2	0.00	9.36	0.26	1.0000
*51	JEE	4	f	t	s	c	e	-	2	5	0.54	10.17	1.43	0.0838
52	RAPITI	2	f	t	s	a	e	-	2	3	0.18	4.97	0.00	0.6843
54	ZHONG	2	f	t	s	a	e	-	2	7	0.10	38.89	0.20	0.5523
55	LEECH	8	f	t	s	a	a	-	2	7	0.63	27.89	5.86	0.0009
56	MALATS	12	c	t	s	a	e	-	2	2	0.41	11.06	0.63	0.1775
*60	NISHIN	2	f	t	s	a	c	-	2	7	0.59	4.14	0.73	0.2317
61	OHNO	6	f	t	s	a	e	-	2	2	0.00	24.05	0.68	1.0000
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-0.46	8.99	3.56	0.1660
*63	ENSTRO	12	f	t	s	c	e	-	2	8	-0.06	31.30	1.65	0.7292
Subtotal 63											-0.15	40.28	5.21	
65	IARCKR	3	m	t	s	a	a	-	2	0	-0.92	1.33	1.56	0.2910
65	IARCKR	2	f	t	s	a	a	-	2	2	-0.22	16.83	2.57	0.3600
Subtotal 65											-0.27	18.16	4.13	
*73	WEN	1	f	t	s	a	m	-	2	9	0.09	25.43	0.17	0.6639
*81	KURAHA	10	f	t	s	c	e	-	2	5	0.23	16.80	0.07	0.3436
90	KIYOHA	1	c	t	s	a	e	-	b	0	0.00	20.19	0.53	0.9823
95	GELAC	31	m	t	s	a	e	-	2	0	1.65	0.42	0.92	0.2869
95	GELAC	27	f	t	s	a	e	-	2	5	0.26	119.55	1.07	0.0041
Subtotal 95											0.27	119.97	1.99	
96	MASJED	5	m	t	s	a	e	-	2	0	-0.36	0.44	0.12	0.8113
96	MASJED	6	f	t	s	a	e	-	2	0	0.70	8.08	2.26	0.0476
Subtotal 96											0.64	8.52	2.39	
98	SEKI	7	m	t	s	c	e	-	2	7	0.25	2.16	0.02	0.7085
98	SEKI	20	f	t	s	c	e	-	2	7	0.27	50.36	0.53	0.0553
Subtotal 98											0.27	52.52	0.54	

Relative risks

N	70
NS	54
Wt	1326.00
Het Chi	102.31
Het df	69
Het P	**
Fixed RR	1.18
RRl	1.12
RRu	1.25
P	+++
Random RR	1.22
RRl	1.13
RRu	1.32
P	+++
Asymm P	**

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

1) TIM : m, a, z, y, f, e, x, c, p 2) UNX : 2, 1, 4, 3, other

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

Table 64
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
 Both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)	
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75	(0.43-	1.30)	
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(0.38-	10.32)	
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)	
Subtotal 3																2.04	(0.91-	4.61)
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)	
*6	HIRAYA	1	m	t	s	c	e	-	2	0	7	1010	57	19279	2.34	(1.07-	5.13)	
*6	HIRAYA	7	f	t	s	c	e	-	2	0	163	69645	37	21895	1.38	(0.97-	1.98)	
Subtotal 6																1.52	(1.10-	2.10)
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(0.20-	5.07)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)	
Subtotal 7																0.85	(0.34-	2.16)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)	
10	WU	2	f	a	s	e	m	-	2	0	19	33	9	22	1.41	(0.54-	3.67)	
11	AKIBA	1	m	t	s	e	e	-	2	0	3	9	16	101	2.10	(0.51-	8.61)	
11	AKIBA	3	f	t	s	e	e	-	2	0	73	188	21	82	1.52	(0.87-	2.63)	
Subtotal 11																1.58	(0.95-	2.64)
12	LEE	3	m	t	s	c	m	-	2	0	8	14	7	16	1.31	(0.38-	4.52)	
12	LEE	5	f	t	s	c	m	-	2	0	22	45	10	21	1.03	(0.41-	2.55)	
Subtotal 12																1.12	(0.54-	2.33)
14	GAO	4	f	t	s	a	m	-	4	0	189	276	57	99	1.19	(0.82-	1.73)	
15	HUMBL1	1	m	t	s	a	e	-	2	0	5	37	3	93	4.19	(0.95-	18.42)	
15	HUMBL1	3	f	t	s	a	e	-	2	0	15	91	5	71	2.34	(0.81-	6.75)	
Subtotal 15																2.85	(1.20-	6.74)
16	KOO	2	f	t	s	e	m	-	2	0	51	66	35	70	1.55	(0.90-	2.67)	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65	(1.16-	2.35)	
18	PERSHA	1	f	t	s	a	m	-	2	0	37	153	33	141	1.03	(0.61-	1.74)	
*19	BUTLER	1	f	t	s	c	m	-	2	0	3	10579	5	43052	2.44	(0.58-	10.22)	
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16	(1.08-	4.29)	
21	INOUE	1	f	t	s	e	e	-	2	0	18	30	4	17	2.55	(0.74-	8.78)	
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08	(0.64-	1.82)	
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73	(0.49-	15.21)	
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63	(0.92-	2.87)	
Subtotal 23																1.71	(1.00-	2.93)
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)	
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.48-	1.18)	
28	KALAND	2	f	t	s	a	m	-	2	0	64	70	26	46	1.62	(0.90-	2.91)	
29	SOBUE	1	f	t	s	a	a	-	2	0	80	395	64	336	1.06	(0.74-	1.52)	
30	WU-WIL	3	f	t	s	a	e	-	2	0	205	331	212	271	0.79	(0.62-	1.02)	
32	BROWN2	3	f	t	s	a	a	-	2	0	218	598	213	568	0.97	(0.78-	1.21)	
33	STOCKW	2	f	t	s	a	e	-	7	0	44	55	18	36	1.60	(0.80-	3.19)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09	(0.64-	1.85)	
35	LIUQ	1	f	t	s	a	e	-	2	0	25	37	13	32	1.66	(0.73-	3.78)	
36	FONTHA	5	f	t	s	a	a	-	2	0	433	766	218	487	1.26	(1.04-	1.54)	
37	LAYARD	1	m	t	s	e	e	-	2	0	6	215	15	783	1.46	(0.56-	3.80)	
37	LAYARD	3	f	t	s	e	e	-	2	0	15	961	24	969	0.63	(0.33-	1.21)	
Subtotal 37																0.82	(0.48-	1.41)
39	KABAT2	3	m	t	s	e	a	-	2	0	11	19	28	79	1.63	(0.69-	3.85)	
39	KABAT2	5	f	t	s	e	a	-	2	0	41	102	26	71	1.10	(0.62-	1.96)	
Subtotal 39																1.24	(0.77-	2.01)
41	SUN	11	f	t	s	a	m	-	2	0	144	136	86	94	1.16	(0.80-	1.68)	
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11	(0.67-	1.84)	
*44	CARDEN	11	m	t	s	c	m	-	2	0	18	19549	79	76993	0.90	(0.54-	1.50)	
*44	CARDEN	9	f	t	s	c	m	-	2	0	96	114286	54	77948	1.21	(0.87-	1.69)	
Subtotal 44																1.11	(0.84-	1.47)
47	BOFFET	6	m	t	s	a	e	-	2	0	23	68	118	462	1.32	(0.79-	2.21)	
47	BOFFET	8	f	t	s	a	e	-	2	0	321	632	187	376	1.02	(0.82-	1.27)	
Subtotal 47																1.06	(0.87-	1.30)
49	ZARIDZ	3	f	t	s	a	e	-	2	0	109	163	80	195	1.63	(1.14-	2.33)	
50	BOFFE2	11	c	a	s	a	a	-	2	0	33	75	37	103	1.22	(0.70-	2.14)	
*51	JEE	3	f	t	s	c	e	-	2	1	67	-	12	-	1.80	(0.98-	3.30)	
52	RAPITI	1	f	t	s	a	e	-	2	0	13	21	28	46	1.02	(0.44-	2.35)	
54	ZHONG	1	f	t	s	a	e	-	2	0	322	377	182	224	1.05	(0.82-	1.34)	
55	LEECH	7	f	t	s	a	a	-	2	0	186	253	82	192	1.72	(1.25-	2.37)	
56	MALATS	11	c	t	s	a	e	-	2	0	58	42	64	79	1.70	(1.02-	2.86)	
*60	NISHIN	1	f	t	s	a	c	-	2	0	11	30566	13	43361	1.20	(0.54-	2.68)	

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Table 64
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
Both sexes
Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
61	OHNO	5	f	t	s	a	e	-	2	0	139	239	52	90	1.01	(0.67-	1.50)
*63	ENSTRO	3	m	t	s	c	e	-	2	1	-	-	-	-	0.75	(0.42-	1.35)
*63	ENSTRO	9	f	t	s	c	e	-	2	1	-	-	-	-	0.99	(0.72-	1.37)
Subtotal 63																	
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10-	3.00)
65	IARCKR	1	f	t	s	a	a	-	2	0	-	-	-	-	0.90	(0.60-	1.40)
Subtotal 65																	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09	(0.74-	1.61)
*81	KURAHA	9	f	t	s	c	e	-	2	0	84	280346	25	97466	1.17	(0.75-	1.83)
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00	(0.65-	1.55)
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~	(0.25-	109.12)
95	GELAC	19	f	t	s	a	e	-	2	0	571	461	601	711	1.47	(1.24-	1.73)
Subtotal 95																	
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~	(0.04-	13.34)
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01	(1.01-	4.00)
Subtotal 96																	
98	SEKI	3	m	t	s	c	e	-	2	0	3	22	67	578	1.18	(0.34-	4.03)
98	SEKI	11	f	t	s	c	e	-	2	0	193	1170	99	640	1.07	(0.82-	1.38)
Subtotal 98																	
Partial Totals											4996	630406	3922	471969			
*prospective study zero											~ With 0.5 adjustment for zero						

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
*1	GARFI1	1	f	t	s	c	c	-	2	0	0.16	37.42	0.02	0.3420
2	CHAN	1	f	t	s	a	e	-	2	0	-0.28	12.78	2.77	0.3086
3	CORREA	1	m	t	s	e	e	-	2	0	0.68	1.41	0.35	0.4200
3	CORREA	2	f	t	s	e	e	-	2	0	0.73	4.41	1.31	0.1276
Subtotal 3														
4	TRICHO	1	f	y	s	a	y	-	2	0	0.73	12.77	3.85	0.0091
*6	HIRAYA	1	m	t	s	c	e	-	2	0	0.85	6.28	2.83	0.0328
*6	HIRAYA	7	f	t	s	c	e	-	2	0	0.33	30.21	0.64	0.0734
Subtotal 6														
7	KABAT1	3	m	t	s	e	e	-	2	0	0.00	1.46	0.05	1.0000
7	KABAT1	4	f	t	s	e	e	-	2	0	-0.24	2.99	0.52	0.6802
Subtotal 7														
8	GARFI2	3	f	t	s	a	e	-	2	0	0.21	22.25	0.02	0.3229
9	LAMW	1	f	a	s	a	e	-	2	0	0.70	10.14	2.72	0.0261
10	WU	2	f	a	s	e	m	-	2	0	0.34	4.18	0.11	0.4850
11	AKIBA	1	m	t	s	e	e	-	2	0	0.74	1.93	0.61	0.3008
11	AKIBA	3	f	t	s	e	e	-	2	0	0.42	12.69	0.70	0.1382
Subtotal 11														
12	LEE	3	m	t	s	c	m	-	2	0	0.27	2.49	0.02	0.6735
12	LEE	5	f	t	s	c	m	-	2	0	0.03	4.64	0.11	0.9548
Subtotal 12														
14	GAO	4	f	t	s	a	m	-	4	0	0.17	27.35	0.00	0.3644
15	HUMBL1	1	m	t	s	a	e	-	2	0	1.43	1.75	2.74	0.0580
15	HUMBL1	3	f	t	s	a	e	-	2	0	0.85	3.43	1.54	0.1154
Subtotal 15														
16	KOO	2	f	t	s	e	m	-	2	0	0.44	12.88	0.84	0.1182
17	LAMT	1	f	t	s	a	m	-	2	0	0.50	30.63	3.12	0.0057
18	PERSHA	1	f	t	s	a	m	-	2	0	0.03	14.09	0.31	0.9022
*19	BUTLER	1	f	t	s	c	m	-	2	0	0.89	1.88	0.95	0.2215
20	GENG	1	f	t	s	a	e	-	2	0	0.77	8.13	2.81	0.0285
21	INOUE	1	f	t	s	e	e	-	2	0	0.94	2.51	1.44	0.1377
22	SHIMIZ	2	f	t	s	a	m	-	2	0	0.08	14.20	0.15	0.7646
23	CHOI	1	m	t	s	a	e	-	2	0	1.00	1.30	0.88	0.2525
23	CHOI	2	f	t	s	a	e	-	2	0	0.49	11.99	1.13	0.0916
Subtotal 23														
25	SCHOEN	2	f	t	s	a	e	-	2	6	0.54	13.29	2.01	
27	JANERI	4	c	t	s	a	e	-	2	3	0.07	21.00	0.26	0.7533
28	KALAND	2	f	t	s	a	m	-	2	0	-0.29	18.99	4.16	0.2099
29	SOBUE	1	f	t	s	a	a	-	2	0	0.48	11.10	1.00	0.1091
30	WU-WIL	3	f	t	s	a	e	-	2	0	0.06	29.73	0.42	0.7379
32	BROWN2	3	f	t	s	a	a	-	2	0	-0.23	61.33	10.52	0.0674
33	STOCKW	2	f	t	s	a	e	-	7	0	-0.03	78.65	3.43	0.8021
33	STOCKW	2	f	t	s	a	e	-	7	0	0.47	8.05	0.67	0.1824
34	DU	1	f	t	s	a	e	-	2	0	0.09	13.61	0.12	0.7506

Within each study, results are selected according to the following order of preference:
1) TIM : m, a, z, y, f, e, x, c, p 2) UNX : 2, 1, 4, 3, other
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 64
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
Both sexes
Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
35	LIUQ	1	f	t	s	a	e	-	2	0	0.51	5.71	0.61	0.2242
36	FONTHA	5	f	t	s	a	a	-	2	0	0.23	97.51	0.27	0.0212
37	LAYARD	1	m	t	s	e	e	-	2	0	0.38	4.18	0.16	0.4418
37	LAYARD	3	f	t	s	e	e	-	2	0	-0.46	9.06	3.74	0.1647
Subtotal 37											-0.20	13.24	3.90	
39	KABAT2	3	m	t	s	e	a	-	2	0	0.49	5.21	0.50	0.2627
39	KABAT2	5	f	t	s	e	a	-	2	0	0.09	11.53	0.09	0.7517
Subtotal 39											0.22	16.74	0.59	
41	SUN	11	f	t	s	a	m	-	2	0	0.15	27.35	0.03	0.4448
43	WANGT	2	f	t	s	a	m	-	2	0	0.10	14.90	0.10	0.6978
*44	CARDEN	11	m	t	s	c	m	-	2	0	-0.11	14.67	1.22	0.6783
*44	CARDEN	9	f	t	s	c	m	-	2	0	0.19	34.59	0.01	0.2571
Subtotal 44											0.10	49.26	1.23	
47	BOFFET	6	m	t	s	a	e	-	2	0	0.28	14.53	0.15	0.2843
47	BOFFET	8	f	t	s	a	e	-	2	0	0.02	78.71	2.00	0.8520
Subtotal 47											0.06	93.24	2.15	
49	ZARIDZ	3	f	t	s	a	e	-	2	0	0.49	30.36	2.88	0.0071
50	BOFFE2	11	c	a	s	a	a	-	2	0	0.20	12.44	0.01	0.4743
*51	JEE	3	f	t	s	c	e	-	2	1	0.59	10.42	1.73	0.0577
52	RAPITI	1	f	t	s	a	e	-	2	0	0.02	5.49	0.15	0.9685
54	ZHONG	1	f	t	s	a	e	-	2	0	0.05	63.63	1.08	0.6903
55	LEECH	7	f	t	s	a	a	-	2	0	0.54	37.41	4.92	0.0009
56	MALATS	11	c	t	s	a	e	-	2	0	0.53	14.42	1.80	0.0428
*60	NISHIN	1	f	t	s	a	c	-	2	0	0.18	5.96	0.00	0.6557
61	OHNO	5	f	t	s	a	e	-	2	0	0.01	23.97	0.73	0.9743
*63	ENSTRO	3	m	t	s	c	e	-	2	1	-0.29	11.27	2.47	0.3341
*63	ENSTRO	9	f	t	s	c	e	-	2	1	-0.01	37.13	1.35	0.9512
Subtotal 63											-0.07	48.40	3.82	
65	IARCKR	3	m	t	s	a	a	-	2	0	-0.92	1.33	1.60	0.2910
65	IARCKR	1	f	t	s	a	a	-	2	0	-0.11	21.40	1.75	0.6259
Subtotal 65											-0.15	22.73	3.35	
*73	WEN	1	f	t	s	a	m	-	2	9	0.09	25.43	0.23	0.6639
*81	KURAHA	9	f	t	s	c	e	-	2	0	0.16	19.27	0.01	0.4951
90	KIYOHA	1	c	t	s	a	e	-	b	0	0.00	20.19	0.62	0.9823
95	GELAC	31	m	t	s	a	e	-	2	0	1.65	0.42	0.90	0.2869
95	GELAC	19	f	t	s	a	e	-	2	0	0.38	143.04	5.81	0.0000
Subtotal 95											0.39	143.46	6.71	
96	MASJED	5	m	t	s	a	e	-	2	0	-0.36	0.44	0.13	0.8113
96	MASJED	6	f	t	s	a	e	-	2	0	0.70	8.08	2.15	0.0476
Subtotal 96											0.64	8.52	2.28	
98	SEKI	3	m	t	s	c	e	-	2	0	0.16	2.53	0.00	0.7961
98	SEKI	11	f	t	s	c	e	-	2	0	0.06	56.50	0.76	0.6290
Subtotal 98											0.07	59.03	0.76	

Relative risks

N	70
NS	54
Wt	1409.71
Het Chi	93.08
Het df	69
Het P	*
Fixed RR	1.20
RRl	1.14
RRu	1.26
P	+++
Random RR	1.21
RRl	1.13
RRu	1.29
P	+++
Asymm P	(*)

Within each study, results are selected according to the following order of preference:
1) TIM : m, a, z, y, f, e, x, c, p 2) UNX : 2, 1, 4, 3, other
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 65
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
Both sexes
By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*1	GARFI1	1	f	t	s	c	c	-	2	0	88	94880	65	81859	1.17	(0.85-	1.61)	
3	CORREA	1	m	t	s	e	e	-	2	0	2	26	6	154	1.97	(0.38-	10.32)	
3	CORREA	2	f	t	s	e	e	-	2	0	14	61	8	72	2.07	(0.81-	5.25)	
Subtotal 3																2.04	(0.91-	4.61)
7	KABAT1	3	m	t	s	e	e	-	2	0	5	5	7	7	1.00	(0.20-	5.07)	
7	KABAT1	4	f	t	s	e	e	-	2	0	13	15	11	10	0.79	(0.25-	2.45)	
Subtotal 7																0.85	(0.34-	2.16)
8	GARFI2	3	f	t	s	a	e	-	2	0	91	254	43	148	1.23	(0.81-	1.87)	
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50-	3.30)	
15	HUMBL1	2	m	t	s	a	e	-	2	2	-	-	-	-	4.08	(0.70-	23.91)	
15	HUMBL1	4	f	t	s	a	e	-	2	2	-	-	-	-	2.20	(0.76-	6.56)	
Subtotal 15																2.60	(1.04-	6.53)
*19	BUTLER	2	f	t	s	c	m	-	2	1	-	-	-	-	2.02	(0.48-	8.56)	
25	SCHOEN	2	f	t	s	a	e	-	2	6	-	-	-	-	1.07	(0.70-	1.64)	
27	JANERI	4	c	t	s	a	e	-	2	3	-	-	-	-	0.75	(0.48-	1.18)	
32	BROWN2	4	f	t	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.20)	
33	STOCKW	3	f	t	s	a	e	-	7	3	-	-	-	-	1.60	(0.80-	3.00)	
36	FONTHA	6	f	t	s	a	a	-	2	8	-	-	-	-	1.29	(1.04-	1.60)	
37	LAYARD	2	m	t	s	e	e	-	2	2	-	-	-	-	1.47	(0.55-	3.94)	
37	LAYARD	4	f	t	s	e	e	-	2	2	-	-	-	-	0.58	(0.30-	1.13)	
Subtotal 37																0.78	(0.45-	1.34)
39	KABAT2	4	m	t	s	e	a	-	2	3	-	-	-	-	1.60	(0.67-	3.82)	
39	KABAT2	6	f	t	s	e	a	-	2	3	-	-	-	-	1.08	(0.60-	1.94)	
Subtotal 39																1.22	(0.75-	1.99)
*44	CARDEN	12	m	t	s	c	m	-	2	8	-	-	-	-	1.10	(0.60-	1.80)	
*44	CARDEN	10	f	t	s	c	m	-	2	8	-	-	-	-	1.20	(0.80-	1.60)	
Subtotal 44																1.17	(0.87-	1.57)
*63	ENSTRO	6	m	t	s	c	e	-	2	8	-	-	-	-	0.63	(0.33-	1.22)	
*63	ENSTRO	12	f	t	s	c	e	-	2	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	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)	
12	LEE	4	m	t	s	c	m	-	2	1	-	-	-	-	1.30	(0.38-	4.39)	
12	LEE	6	f	t	s	c	m	-	2	1	-	-	-	-	1.00	(0.37-	2.71)	
Subtotal 12																1.11	(0.51-	2.40)
18	PERSHA	2	f	t	s	a	m	-	2	2	-	-	-	-	1.20	(0.70-	2.10)	
28	KALAND	3	f	t	s	a	m	-	2	4	-	-	-	-	2.11	(1.09-	4.08)	
47	BOFFET	7	m	t	s	a	e	-	2	2	-	-	-	-	1.47	(0.81-	2.66)	
47	BOFFET	9	f	t	s	a	e	-	2	2	-	-	-	-	1.11	(0.88-	1.39)	
Subtotal 47																1.15	(0.93-	1.42)
49	ZARIDZ	4	f	t	s	a	e	-	2	2	-	-	-	-	1.53	(1.06-	2.21)	
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50-	1.80)	
56	MALATS	12	c	t	s	a	e	-	2	2	-	-	-	-	1.50	(0.80-	2.60)	
65	IARCKR	3	m	t	s	a	a	-	2	0	-	-	-	-	0.40	(0.10-	3.00)	
65	IARCKR	2	f	t	s	a	a	-	2	2	-	-	-	-	0.80	(0.50-	1.30)	
Subtotal 65																0.76	(0.48-	1.20)
Partial Totals											53	116	24	109				
*prospective study																		

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

1) TIM : m, a, z, y, f, e, x, c, p 2) UNX : 2, 1, 4, 3, other

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

Table 65
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
Both sexes
By continent - adjusted

Asia											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75 (0.43- 1.30)	
*6	HIRAYA	2	m	t	s	c	e	-	2	1	-	-	-	-	2.25 (1.05- 4.76)	
*6	HIRAYA	8	f	t	s	c	e	-	2	1	-	-	-	-	1.45 (1.02- 2.08)	
Subtotal 6															1.57 (1.14- 2.17)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (1.09- 3.72)	
11	AKIBA	2	m	t	s	e	e	-	2	5	-	-	-	-	1.80 (0.39- 6.96)	
11	AKIBA	4	f	t	s	e	e	-	2	5	-	-	-	-	1.50 (0.93- 2.76)	
Subtotal 11															1.53 (0.92- 2.55)	
14	GAO	8	f	t	s	a	m	-	4	2	-	-	-	-	1.30 (0.87- 1.94)	
16	KOO	3	f	t	s	e	m	-	2	4	-	-	-	-	1.64 (0.87- 3.09)	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65 (1.16- 2.35)	
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16 (1.08- 4.29)	
21	INOUE	2	f	t	s	e	e	-	2	1	-	-	-	-	2.25 (0.77- 8.85)	
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08 (0.64- 1.82)	
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73 (0.49- 15.21)	
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63 (0.92- 2.87)	
Subtotal 23															1.71 (1.00- 2.93)	
29	SOBUE	2	f	t	s	a	a	-	2	2	-	-	-	-	1.13 (0.78- 1.63)	
30	WU-WIL	4	f	t	s	a	e	-	2	3	-	-	-	-	0.70 (0.60- 0.90)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09 (0.64- 1.85)	
35	LIUQ	2	f	t	s	a	e	-	2	3	-	-	-	-	1.72 (0.77- 3.87)	
41	SUN	2	f	t	s	a	m	-	2	2	-	-	-	-	1.16 (0.80- 1.69)	
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11 (0.67- 1.84)	
*51	JEE	4	f	t	s	c	e	-	2	5	-	-	-	-	1.72 (0.93- 3.18)	
52	RAPITI	2	f	t	s	a	e	-	2	3	-	-	-	-	1.20 (0.50- 2.90)	
54	ZHONG	2	f	t	s	a	e	-	2	7	-	-	-	-	1.10 (0.80- 1.50)	
55	LEECH	8	f	t	s	a	a	-	2	7	-	-	-	-	1.87 (1.29- 2.71)	
*60	NISHIN	2	f	t	s	a	c	-	2	7	-	-	-	-	1.80 (0.67- 4.60)	
61	OHNO	6	f	t	s	a	e	-	2	2	-	-	-	-	1.00 (0.67- 1.49)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09 (0.74- 1.61)	
*81	KURAHA	10	f	t	s	c	e	-	2	5	-	-	-	-	1.26 (0.78- 2.03)	
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00 (0.65- 1.55)	
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~(0.25- 109.12)	
95	GELAC	27	f	t	s	a	e	-	2	5	-	-	-	-	1.30 (1.09- 1.56)	
Subtotal 95															1.31 (1.09- 1.56)	
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~(0.04- 13.34)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01 (1.01- 4.00)	
Subtotal 96															1.90 (0.97- 3.72)	
98	SEKI	7	m	t	s	c	e	-	2	7	-	-	-	-	1.29 (0.34- 4.91)	
98	SEKI	20	f	t	s	c	e	-	2	7	-	-	-	-	1.31 (0.99- 1.72)	
Subtotal 98															1.31 (1.00- 1.72)	
Partial Totals											584	918	736	1415		
*prospective study zero																~ With 0.5 adjustment for zero

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	23	12	35		70
NS	16	9	29		54
Wt	419.62	192.21	714.18		1326.00
Het Chi	22.83	14.31	62.34		102.31
Het df	22	11	34		69
Het P	N.S.	N.S.	**		**
Fixed RR	1.11	1.25	1.21		1.18
RRl	1.01	1.08	1.13		1.12
RRu	1.22	1.44	1.30		1.25
P	+	++	+++		+++
Random RR	1.11	1.28	1.29		1.22
RRl	1.00	1.07	1.15		1.13
RRu	1.22	1.53	1.45		1.32
P	+	++	+++		+++
Asymm P	N.S.	N.S.	**		**
Between Chi		1.87	2.19		2.82
Between df		1	1		2
Between P		N.S.	N.S.	N.S.	N.S.

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Table 66
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
Both sexes
By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
*1	GARFI1	1	f	t	s	c	c	-	2	0		88	94880	65	81859	1.17	(0.85- 1.61)	
3	CORREA	1	m	t	s	e	e	-	2	0		2	26	6	154	1.97	(0.38- 10.32)	
3	CORREA	2	f	t	s	e	e	-	2	0		14	61	8	72	2.07	(0.81- 5.25)	
Subtotal 3																2.04	(0.91- 4.61)	
7	KABAT1	3	m	t	s	e	e	-	2	0		5	5	7	7	1.00	(0.20- 5.07)	
7	KABAT1	4	f	t	s	e	e	-	2	0		13	15	11	10	0.79	(0.25- 2.45)	
Subtotal 7																0.85	(0.34- 2.16)	
8	GARFI2	3	f	t	s	a	e	-	2	0		91	254	43	148	1.23	(0.81- 1.87)	
10	WU	2	f	a	s	e	m	-	2	0		19	33	9	22	1.41	(0.54- 3.67)	
15	HUMBL1	1	m	t	s	a	e	-	2	0		5	37	3	93	4.19	(0.95- 18.42)	
15	HUMBL1	3	f	t	s	a	e	-	2	0		15	91	5	71	2.34	(0.81- 6.75)	
Subtotal 15																2.85	(1.20- 6.74)	
*19	BUTLER	1	f	t	s	c	m	-	2	0		3	10579	5	43052	2.44	(0.58- 10.22)	
25	SCHOEN	2	f	t	s	a	e	-	2	6		-	-	-	-	1.07	(0.70- 1.64)	
27	JANERI	4	c	t	s	a	e	-	2	3		-	-	-	-	0.75	(0.48- 1.18)	
32	BROWN2	3	f	t	s	a	a	-	2	0		218	598	213	568	0.97	(0.78- 1.21)	
33	STOCKW	2	f	t	s	a	e	-	7	0		44	55	18	36	1.60	(0.80- 3.19)	
36	FONTHA	5	f	t	s	a	a	-	2	0		433	766	218	487	1.26	(1.04- 1.54)	
37	LAYARD	1	m	t	s	e	e	-	2	0		6	215	15	783	1.46	(0.56- 3.80)	
37	LAYARD	3	f	t	s	e	e	-	2	0		15	961	24	969	0.63	(0.33- 1.21)	
Subtotal 37																0.82	(0.48- 1.41)	
39	KABAT2	3	m	t	s	e	a	-	2	0		11	19	28	79	1.63	(0.69- 3.85)	
39	KABAT2	5	f	t	s	e	a	-	2	0		41	102	26	71	1.10	(0.62- 1.96)	
Subtotal 39																1.24	(0.77- 2.01)	
*44	CARDEN	11	m	t	s	c	m	-	2	0		18	19549	79	76993	0.90	(0.54- 1.50)	
*44	CARDEN	9	f	t	s	c	m	-	2	0		96	114286	54	77948	1.21	(0.87- 1.69)	
Subtotal 44																1.11	(0.84- 1.47)	
*63	ENSTRO	3	m	t	s	c	e	-	2	1		-	-	-	-	0.75	(0.42- 1.35)	
*63	ENSTRO	9	f	t	s	c	e	-	2	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	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
4	TRICHO	1	f	y	s	a	y	-	2	0		53	116	24	109	2.08	(1.20- 3.59)	
12	LEE	3	m	t	s	c	m	-	2	0		8	14	7	16	1.31	(0.38- 4.52)	
12	LEE	5	f	t	s	c	m	-	2	0		22	45	10	21	1.03	(0.41- 2.55)	
Subtotal 12																1.12	(0.54- 2.33)	
18	PERSHA	1	f	t	s	a	m	-	2	0		37	153	33	141	1.03	(0.61- 1.74)	
28	KALAND	2	f	t	s	a	m	-	2	0		64	70	26	46	1.62	(0.90- 2.91)	
47	BOFFET	6	m	t	s	a	e	-	2	0		23	68	118	462	1.32	(0.79- 2.21)	
47	BOFFET	8	f	t	s	a	e	-	2	0		321	632	187	376	1.02	(0.82- 1.27)	
Subtotal 47																1.06	(0.87- 1.30)	
49	ZARIDZ	3	f	t	s	a	e	-	2	0		109	163	80	195	1.63	(1.14- 2.33)	
50	BOFFE2	11	c	a	s	a	a	-	2	0		33	75	37	103	1.22	(0.70- 2.14)	
56	MALATS	11	c	t	s	a	e	-	2	0		58	42	64	79	1.70	(1.02- 2.86)	
65	IARCKR	3	m	t	s	a	a	-	2	0		-	-	-	-	0.40	(0.10- 3.00)	
65	IARCKR	1	f	t	s	a	a	-	2	0		-	-	-	-	0.90	(0.60- 1.40)	
Subtotal 65																0.86	(0.57- 1.29)	
Partial Totals											728	1378	586	1548				
*prospective study																		

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

1) TIM : m, a, z, y, f, e, x, c, p 2) UNX : 2, 1, 4, 3, other

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

Table 66
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (specifically), 14-NOV-14
Both sexes
By continent - unadjusted

Asia											Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont		
2	CHAN	1	f	t	s	a	e	-	2	0	34	66	50	73	0.75 (0.43- 1.30)	
*6	HIRAYA	1	m	t	s	c	e	-	2	0	7	1010	57	19279	2.34 (1.07- 5.13)	
*6	HIRAYA	7	f	t	s	c	e	-	2	0	163	69645	37	21895	1.38 (0.97- 1.98)	
Subtotal 6															1.52 (1.10- 2.10)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (1.09- 3.72)	
11	AKIBA	1	m	t	s	e	e	-	2	0	3	9	16	101	2.10 (0.51- 8.61)	
11	AKIBA	3	f	t	s	e	e	-	2	0	73	188	21	82	1.52 (0.87- 2.63)	
Subtotal 11															1.58 (0.95- 2.64)	
14	GAO	4	f	t	s	a	m	-	4	0	189	276	57	99	1.19 (0.82- 1.73)	
16	KOO	2	f	t	s	e	m	-	2	0	51	66	35	70	1.55 (0.90- 2.67)	
17	LAMT	1	f	t	s	a	m	-	2	0	115	152	84	183	1.65 (1.16- 2.35)	
20	GENG	1	f	t	s	a	e	-	2	0	34	41	20	52	2.16 (1.08- 4.29)	
21	INOUE	1	f	t	s	e	e	-	2	0	18	30	4	17	2.55 (0.74- 8.78)	
22	SHIMIZ	2	f	t	s	a	m	-	2	0	52	91	38	72	1.08 (0.64- 1.82)	
23	CHOI	1	m	t	s	a	e	-	2	0	2	6	11	90	2.73 (0.49- 15.21)	
23	CHOI	2	f	t	s	a	e	-	2	0	49	88	26	76	1.63 (0.92- 2.87)	
Subtotal 23															1.71 (1.00- 2.93)	
29	SOBUE	1	f	t	s	a	a	-	2	0	80	395	64	336	1.06 (0.74- 1.52)	
30	WU-WIL	3	f	t	s	a	e	-	2	0	205	331	212	271	0.79 (0.62- 1.02)	
34	DU	1	f	t	s	a	e	-	2	0	47	154	28	100	1.09 (0.64- 1.85)	
35	LIUQ	1	f	t	s	a	e	-	2	0	25	37	13	32	1.66 (0.73- 3.78)	
41	SUN	11	f	t	s	a	m	-	2	0	144	136	86	94	1.16 (0.80- 1.68)	
43	WANGT	2	f	t	s	a	m	-	2	0	92	89	43	46	1.11 (0.67- 1.84)	
*51	JEE	3	f	t	s	c	e	-	2	1	67	-	12	-	1.80 (0.98- 3.30)	
52	RAPITI	1	f	t	s	a	e	-	2	0	13	21	28	46	1.02 (0.44- 2.35)	
54	ZHONG	1	f	t	s	a	e	-	2	0	322	377	182	224	1.05 (0.82- 1.34)	
55	LEECH	7	f	t	s	a	a	-	2	0	186	253	82	192	1.72 (1.25- 2.37)	
*60	NISHIN	1	f	t	s	a	c	-	2	0	11	30566	13	43361	1.20 (0.54- 2.68)	
61	OHNO	5	f	t	s	a	e	-	2	0	139	239	52	90	1.01 (0.67- 1.50)	
*73	WEN	1	f	t	s	a	m	-	2	9	-	-	-	-	1.09 (0.74- 1.61)	
*81	KURAHA	9	f	t	s	c	e	-	2	0	84	280346	25	97466	1.17 (0.75- 1.83)	
90	KIYOHA	1	c	t	s	a	e	-	b	0	99	135	54	74	1.00 (0.65- 1.55)	
95	GELAC	31	m	t	s	a	e	-	2	0	2	0	299	312	5.22~(0.25- 109.12)	
95	GELAC	19	f	t	s	a	e	-	2	0	571	461	601	711	1.47 (1.24- 1.73)	
Subtotal 95															1.47 (1.25- 1.73)	
96	MASJED	5	m	t	s	a	e	-	2	0	0	4	26	166	0.70~(0.04- 13.34)	
96	MASJED	6	f	t	s	a	e	-	2	0	21	28	34	91	2.01 (1.01- 4.00)	
Subtotal 96															1.90 (0.97- 3.72)	
98	SEKI	3	m	t	s	c	e	-	2	0	3	22	67	578	1.18 (0.34- 4.03)	
98	SEKI	11	f	t	s	c	e	-	2	0	193	1170	99	640	1.07 (0.82- 1.38)	
Subtotal 98															1.07 (0.83- 1.38)	
Partial Totals											3131	386496	2499	186999		
*prospective study																~ With 0.5 adjustment for
zero																

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	23	12	35		70
NS	16	9	29		54
Wt	432.99	218.29	758.43		1409.71
Het Chi	23.44	15.40	50.53		93.08
Het df	22	11	34		69
Het P	N.S.	N.S.	*		*
Fixed RR	1.11	1.22	1.24		1.20
RRl	1.01	1.07	1.16		1.14
RRu	1.22	1.39	1.34		1.26
P	+	++	+++		+++
Random RR	1.11	1.26	1.26		1.21
RRl	1.00	1.06	1.14		1.13
RRu	1.23	1.50	1.39		1.29
P	+	++	+++		+++
Asymm P	N.S.	N.S.	N.S.		(*)
Between Chi		1.27	3.62		3.69
Between df		1	1		2
Between P		N.S.	(+)	N.S.	N.S.

Within each study, results are selected according to the following order of preference:
1) TIM : m, a, z, y, f, e, x, c, p 2) UNX : 2, 1, 4, 3, other
See page 2 of this report for a key to the meanings of the variable names and their values.

Table 67
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Squamous - females
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)
8	GARFI2	4	f	q	s	a	e	-	2	0	-	-	-	-	5.00	(2.94-	8.51)
12	LEE	7	f	x	s	c	m	-	2	1	-	-	-	-	1.70	(0.21-	13.40)
16	KOO	8	f	x	t	e	e	-	2	4	-	-	-	-	1.73	(0.50-	5.99)
17	LAMT	5	f	q	s	a	m	-	2	0	12	35	15	37	0.85	(0.35-	2.06)
18	PERSHA	3	f	x	s	a	m	-	2	2	-	-	-	-	3.30	(1.10-	11.40)
27	JANERI	20	f	x	s	a	e	-	2	0	-	-	-	-	1.12	(0.83-	1.52)
28	KALAND	4	f	y	s	a	m	-	2	4	-	-	-	-	2.58	(0.88-	7.57)
32	BROWN2	5	f	q	s	a	a	-	2	2	-	-	-	-	0.60	(0.30-	1.30)
33	STOCKW	4	f	y	s	a	e	-	7	3	-	-	-	-	2.20	(0.80-	5.80)
36	FONTHA	10	f	y	s	a	a	-	2	8	-	-	-	-	1.37	(0.92-	2.03)
41	SUN	3	f	x	b	a	e	a	2	2	-	-	-	-	2.06	(1.03-	4.15)
45	ZHENG	9	f	q	h	a	e	a	2	0	6	23	1	4	1.04	(0.10-	11.14)
47	BOFFET	98	f	q	s	a	e	-	2	2	-	-	-	-	1.21	(0.70-	2.09)
49	ZARIDZ	6	f	q	s	a	e	-	2	2	-	-	-	-	1.94	(0.99-	3.81)
52	RAPITI	34	f	x	s	a	e	-	2	3	-	-	-	-	1.20	(0.40-	3.90)
54	ZHONG	6	f	y	s	a	e	-	2	7	-	-	-	-	1.10	(0.70-	1.80)
64	ZATLOU	5	f	v	t	a	a	-	2	3	-	-	-	-	0.66	(0.22-	1.96)
88	JIANG	15	f	q	t	a	e	-	2	1	-	-	-	-	1.83	(0.79-	4.20)
96	MASJED	27	f	q	t	a	e	-	2	0	-	-	-	-	0.20	(0.00-	22.30)
98	SEKI	21	f	q	s	c	e	-	2	7	-	-	-	-	2.24	(0.60-	8.38)
Partial Totals											71	174	40	150			

*prospective study

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
4	TRICHO	1	f	y	s	a	y	-	2	0	0.73	12.77	1.47	0.0091
8	GARFI2	4	f	q	s	a	e	-	2	0	1.61	13.60	20.21	0.0000
12	LEE	7	f	x	s	c	m	-	2	1	0.53	0.89	0.02	0.6167
16	KOO	8	f	x	t	e	e	-	2	4	0.55	2.49	0.06	0.3869
17	LAMT	5	f	q	s	a	m	-	2	0	-0.17	4.86	1.52	0.7117
18	PERSHA	3	f	x	s	a	m	-	2	2	1.19	2.81	1.81	0.0453
27	JANERI	20	f	x	s	a	e	-	2	0	0.11	41.97	3.23	0.4628
28	KALAND	4	f	y	s	a	m	-	2	4	0.95	3.32	1.03	0.0843
32	BROWN2	5	f	q	s	a	a	-	2	2	-0.51	7.15	5.81	0.1721
33	STOCKW	4	f	y	s	a	e	-	7	3	0.79	3.92	0.62	0.1187
36	FONTHA	10	f	y	s	a	a	-	2	8	0.31	24.53	0.14	0.1189
41	SUN	3	f	x	b	a	e	a	2	2	0.72	7.91	0.87	0.0421
45	ZHENG	9	f	q	h	a	e	a	2	0	0.04	0.68	0.08	0.9719
47	BOFFET	98	f	q	s	a	e	-	2	2	0.19	12.84	0.51	0.4945
49	ZARIDZ	6	f	q	s	a	e	-	2	2	0.66	8.46	0.63	0.0539
52	RAPITI	34	f	x	s	a	e	-	2	3	0.18	2.96	0.13	0.7536
54	ZHONG	6	f	y	s	a	e	-	2	7	0.10	17.23	1.50	0.6924
64	ZATLOU	5	f	v	t	a	a	-	2	3	-0.42	3.21	2.09	0.4564
88	JIANG	15	f	q	t	a	e	-	2	1	0.60	5.53	0.25	0.1571
96	MASJED	27	f	q	t	a	e	-	2	0	-1.61	0.18	0.71	0.4984
98	SEKI	21	f	q	s	c	e	-	2	7	0.81	2.21	0.38	0.2305

Relative risks

N	21
NS	21
Wt	179.53
Het Chi	43.06
Het df	20
Het P	**
Fixed RR	1.48
RRl	1.28
RRu	1.71
P	+++
Random RR	1.55
RRl	1.21
RRu	1.99
P	+++
Asymm P	N.S.

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

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

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

Table 68
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Squamous - females
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)
8	GARFI2	4	f	q	s	a	e	-	2	0	-	-	-	-	5.00	(2.94-	8.51)
12	LEE	18	f	x	s	c	m	-	2	0	4	45	1	21	1.87	(0.20-	17.74)
16	KOO	4	f	x	t	e	e	-	2	0	25	97	7	40	1.47	(0.59-	3.68)
17	LAMT	5	f	q	s	a	m	-	2	0	12	35	15	37	0.85	(0.35-	2.06)
18	PERSHA	3	f	x	s	a	m	-	2	2	-	-	-	-	3.30	(1.10-	11.40)
27	JANERI	20	f	x	s	a	e	-	2	0	-	-	-	-	1.12	(0.83-	1.52)
28	KALAND	4	f	y	s	a	m	-	2	4	-	-	-	-	2.58	(0.88-	7.57)
32	BROWN2	5	f	q	s	a	a	-	2	2	-	-	-	-	0.60	(0.30-	1.30)
33	STOCKW	4	f	y	s	a	e	-	7	3	-	-	-	-	2.20	(0.80-	5.80)
36	FONTHA	9	f	y	s	a	a	-	2	0	99	766	56	487	1.12	(0.79-	1.59)
41	SUN	3	f	x	b	a	e	a	2	2	-	-	-	-	2.06	(1.03-	4.15)
45	ZHENG	9	f	q	h	a	e	a	2	0	6	23	1	4	1.04	(0.10-	11.14)
47	BOFFET	94	f	q	s	a	e	-	2	0	-	-	-	-	1.41	(0.88-	2.26)
49	ZARIDZ	5	f	q	s	a	e	-	2	0	26	163	16	195	1.94	(1.01-	3.75)
52	RAPITI	34	f	x	s	a	e	-	2	3	-	-	-	-	1.20	(0.40-	3.90)
54	ZHONG	5	f	y	s	a	e	-	2	0	59	377	32	224	1.10	(0.69-	1.74)
64	ZATLOU	2	f	v	t	a	a	-	2	0	4	155	30	734	0.63	(0.22-	1.82)
88	JIANG	13	f	q	t	a	e	-	2	0	-	-	-	-	1.83	(0.79-	4.20)
96	MASJED	27	f	q	t	a	e	-	2	0	-	-	-	-	0.20	(0.00-	22.30)
98	SEKI	14	f	q	s	c	e	-	2	0	10	1170	3	640	1.82	(0.50-	6.65)
Partial Totals											298	2947	185	2491			

*prospective study

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
4	TRICHO	1	f	y	s	a	y	-	2	0	0.73	12.77	1.77	0.0091
8	GARFI2	4	f	q	s	a	e	-	2	0	1.61	13.60	21.32	0.0000
12	LEE	18	f	x	s	c	m	-	2	0	0.62	0.76	0.05	0.5869
16	KOO	4	f	x	t	e	e	-	2	0	0.39	4.58	0.00	0.4072
17	LAMT	5	f	q	s	a	m	-	2	0	-0.17	4.86	1.34	0.7117
18	PERSHA	3	f	x	s	a	m	-	2	2	1.19	2.81	1.97	0.0453
27	JANERI	20	f	x	s	a	e	-	2	0	0.11	41.97	2.51	0.4628
28	KALAND	4	f	y	s	a	m	-	2	4	0.95	3.32	1.16	0.0843
32	BROWN2	5	f	q	s	a	a	-	2	2	-0.51	7.15	5.39	0.1721
33	STOCKW	4	f	y	s	a	e	-	7	3	0.79	3.92	0.73	0.1187
36	FONTHA	9	f	y	s	a	a	-	2	0	0.12	31.93	1.85	0.5091
41	SUN	3	f	x	b	a	e	a	2	2	0.72	7.91	1.05	0.0421
45	ZHENG	9	f	q	h	a	e	a	2	0	0.04	0.68	0.07	0.9719
47	BOFFET	94	f	q	s	a	e	-	2	0	0.34	17.27	0.00	0.1533
49	ZARIDZ	5	f	q	s	a	e	-	2	0	0.66	8.91	0.84	0.0472
52	RAPITI	34	f	x	s	a	e	-	2	3	0.18	2.96	0.09	0.7536
54	ZHONG	5	f	y	s	a	e	-	2	0	0.09	18.08	1.28	0.6982
64	ZATLOU	2	f	v	t	a	a	-	2	0	-0.46	3.43	2.30	0.3941
88	JIANG	13	f	q	t	a	e	-	2	0	0.60	5.50	0.33	0.1562
96	MASJED	27	f	q	t	a	e	-	2	0	-1.61	0.18	0.68	0.4984
98	SEKI	14	f	q	s	c	e	-	2	0	0.60	2.29	0.14	0.3628

Relative risks

N	21
NS	21
Wt	194.90
Het Chi	44.87
Het df	20
Het P	**
Fixed RR	1.43
RRl	1.24
RRu	1.65
P	+++
Random RR	1.52
RRl	1.19
RRu	1.94
P	+++
Asymm P	N.S.

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

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

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

Table 69
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Squamous - females
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
8	GARFI2	4	f	q	s	a	e	-	2	0	-	-	-	-	5.00	(2.94-	8.51)
27	JANERI	20	f	x	s	a	e	-	2	0	-	-	-	-	1.12	(0.83-	1.52)
32	BROWN2	5	f	q	s	a	a	-	2	2	-	-	-	-	0.60	(0.30-	1.30)
33	STOCKW	4	f	y	s	a	e	-	7	3	-	-	-	-	2.20	(0.80-	5.80)
36	FONTHA	10	f	y	s	a	a	-	2	8	-	-	-	-	1.37	(0.92-	2.03)
Partial Totals											0	0	0	0			

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)
12	LEE	7	f	x	s	c	m	-	2	1	-	-	-	-	1.70	(0.21-	13.40)
18	PERSHA	3	f	x	s	a	m	-	2	2	-	-	-	-	3.30	(1.10-	11.40)
28	KALAND	4	f	y	s	a	m	-	2	4	-	-	-	-	2.58	(0.88-	7.57)
47	BOFFET	98	f	q	s	a	e	-	2	2	-	-	-	-	1.21	(0.70-	2.09)
49	ZARIDZ	6	f	q	s	a	e	-	2	2	-	-	-	-	1.94	(0.99-	3.81)
64	ZATLOU	5	f	v	t	a	a	-	2	3	-	-	-	-	0.66	(0.22-	1.96)
Partial Totals											53	116	24	109			

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
16	KOO	8	f	x	t	e	e	-	2	4	-	-	-	-	1.73	(0.50-	5.99)
17	LAMT	5	f	q	s	a	m	-	2	0	12	35	15	37	0.85	(0.35-	2.06)
41	SUN	3	f	x	b	a	e	a	2	2	-	-	-	-	2.06	(1.03-	4.15)
45	ZHENG	9	f	q	h	a	e	a	2	0	6	23	1	4	1.04	(0.10-	11.14)
52	RAPITI	34	f	x	s	a	e	-	2	3	-	-	-	-	1.20	(0.40-	3.90)
54	ZHONG	6	f	y	s	a	e	-	2	7	-	-	-	-	1.10	(0.70-	1.80)
88	JIANG	15	f	q	t	a	e	-	2	1	-	-	-	-	1.83	(0.79-	4.20)
96	MASJED	27	f	q	t	a	e	-	2	0	-	-	-	-	0.20	(0.00-	22.30)
98	SEKI	21	f	q	s	c	e	-	2	7	-	-	-	-	2.24	(0.60-	8.38)
Partial Totals											18	58	16	41			

*prospective study

	NAmerica	Europe	Asia	Other	Total
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Relative risks

N	5	7	9		21
NS	5	7	9		21
Wt		44.30	44.06		179.53
Het Chi	29.97	6.82	5.15		43.06
Het df	4	6	8		20
Het P	***	N.S.	N.S.		**
Fixed RR	1.45	1.68	1.35		1.48
RRl	1.18	1.25	1.01		1.28
RRu	1.78	2.26	1.82		1.71
P	+++	+++	+		+++
Random RR	1.58	1.69	1.35		1.55
RRl	0.85	1.22	1.01		1.21
RRu	2.96	2.34	1.82		1.99
P	N.S.	++	+		+++
Asymm P	N.S.	N.S.	N.S.		N.S.
Between Chi		0.66	0.14		1.12
Between df		1	1		2
Between P		N.S.	N.S.	N.S.	N.S.

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

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

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

Table 70
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Squamous - females
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
8	GARFI2	4	f	q	s	a	e	-	2	0	-	-	-	-	5.00 (2.94- 8.51)	
27	JANERI	20	f	x	s	a	e	-	2	0	-	-	-	-	1.12 (0.83- 1.52)	
32	BROWN2	5	f	q	s	a	a	-	2	2	-	-	-	-	0.60 (0.30- 1.30)	
33	STOCKW	4	f	y	s	a	e	-	7	3	-	-	-	-	2.20 (0.80- 5.80)	
36	FONTHA	9	f	y	s	a	a	-	2	0	99	766	56	487	1.12 (0.79- 1.59)	
Partial Totals											99	766	56	487		

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08 (1.20- 3.59)	
12	LEE	18	f	x	s	c	m	-	2	0	4	45	1	21	1.87 (0.20- 17.74)	
18	PERSHA	3	f	x	s	a	m	-	2	2	-	-	-	-	3.30 (1.10- 11.40)	
28	KALAND	4	f	y	s	a	m	-	2	4	-	-	-	-	2.58 (0.88- 7.57)	
47	BOFFET	94	f	q	s	a	e	-	2	0	-	-	-	-	1.41 (0.88- 2.26)	
49	ZARIDZ	5	f	q	s	a	e	-	2	0	26	163	16	195	1.94 (1.01- 3.75)	
64	ZATLOU	2	f	v	t	a	a	-	2	0	4	155	30	734	0.63 (0.22- 1.82)	
Partial Totals											87	479	71	1059		

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
16	KOO	4	f	x	t	e	e	-	2	0	25	97	7	40	1.47 (0.59- 3.68)	
17	LAMT	5	f	q	s	a	m	-	2	0	12	35	15	37	0.85 (0.35- 2.06)	
41	SUN	3	f	x	b	a	e	a	2	2	-	-	-	-	2.06 (1.03- 4.15)	
45	ZHENG	9	f	q	h	a	e	a	2	0	6	23	1	4	1.04 (0.10- 11.14)	
52	RAPITI	34	f	x	s	a	e	-	2	3	-	-	-	-	1.20 (0.40- 3.90)	
54	ZHONG	5	f	y	s	a	e	-	2	0	59	377	32	224	1.10 (0.69- 1.74)	
88	JIANG	13	f	q	t	a	e	-	2	0	-	-	-	-	1.83 (0.79- 4.20)	
96	MASJED	27	f	q	t	a	e	-	2	0	-	-	-	-	0.20 (0.00- 22.30)	
98	SEKI	14	f	q	s	c	e	-	2	0	10	1170	3	640	1.82 (0.50- 6.65)	
Partial Totals											112	1702	58	945		

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	5	7	9	21
NS	5	7	9	21
Wt		49.27	47.06	194.90
Het Chi	31.49	6.46	4.74	44.87
Het df	4	6	8	20
Het P	***	N.S.	N.S.	**
Fixed RR	1.35	1.71	1.33	1.43
RRl	1.11	1.30	1.00	1.24
RRu	1.65	2.27	1.77	1.65
P	++	+++	(+)	+++
Random RR	1.51	1.72	1.33	1.52
RRl	0.81	1.28	1.00	1.19
RRu	2.80	2.32	1.77	1.94
P	N.S.	+++	(+)	+++
Asymm P	N.S.	N.S.	N.S.	N.S.
Between Chi		1.84	0.01	2.19
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

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

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

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

Table 71
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Squamous - males
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
12	LEE	15	m	x	s	c	m	-	2	1	-	-	-	-	0.60	(0.07-	4.86)
27	JANERI	19	m	x	s	a	e	-	2	0	-	-	-	-	1.12	(0.65-	1.93)
47	BOFFET	97	m	q	s	a	e	-	2	2	-	-	-	-	1.21	(0.53-	2.75)
52	RAPITI	33	m	x	s	a	e	-	2	3	-	-	-	-	1.20	(0.30-	5.10)
85	TSE	102	m	y	h	a	a	a	2	9	-	-	-	-	0.43	(0.18-	1.06)
88	JIANG	14	m	q	t	a	e	-	2	1	-	-	-	-	1.83	(0.55-	6.08)
96	MASJED	26	m	q	t	a	e	-	2	0	-	-	-	-	0.20	(0.01-	7.30)
Partial Totals											0	0	0	0			

*prospective study

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
12	LEE	15	m	x	s	c	m	-	2	1	-0.51	0.85	0.21	0.6368
27	JANERI	19	m	x	s	a	e	-	2	0	0.11	12.97	0.22	0.6831
47	BOFFET	97	m	q	s	a	e	-	2	2	0.19	5.67	0.25	0.6500
52	RAPITI	33	m	x	s	a	e	-	2	3	0.18	1.91	0.08	0.8008
85	TSE	102	m	y	h	a	a	a	2	9	-0.84	4.89	3.33	0.0621
88	JIANG	14	m	q	t	a	e	-	2	1	0.60	2.65	1.02	0.3271
96	MASJED	26	m	q	t	a	e	-	2	0	-1.61	0.29	0.73	0.3866

Relative risks

N	7
NS	7
Wt	29.24
Het Chi	5.84
Het df	6
Het P	N.S.
Fixed RR	0.98
RRl	0.68
RRu	1.41
P	N.S.
Random RR	0.98
RRl	0.68
RRu	1.41
P	N.S.
Asymm P	N.S.

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

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

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

Table 72
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Squamous - males
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
12	LEE	17	m	x	s	c	m	-	2	0	2	14	3	16	0.76	(0.11-	5.24)
27	JANERI	19	m	x	s	a	e	-	2	0	-	-	-	-	1.12	(0.65-	1.93)
47	BOFFET	93	m	q	s	a	e	-	2	0	-	-	-	-	1.41	(0.70-	2.86)
52	RAPITI	33	m	x	s	a	e	-	2	3	-	-	-	-	1.20	(0.30-	5.10)
85	TSE	101	m	y	h	a	a	a	2	0	9	194	34	342	0.47	(0.22-	0.99)
88	JIANG	12	m	q	t	a	e	-	2	0	-	-	-	-	1.83	(0.55-	6.08)
96	MASJED	26	m	q	t	a	e	-	2	0	-	-	-	-	0.20	(0.01-	7.30)
Partial Totals											11	208	37	358			

*prospective study

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
12	LEE	17	m	x	s	c	m	-	2	0	-0.27	1.03	0.08	0.7822
27	JANERI	19	m	x	s	a	e	-	2	0	0.11	12.97	0.15	0.6831
47	BOFFET	93	m	q	s	a	e	-	2	0	0.34	7.76	0.88	0.3386
52	RAPITI	33	m	x	s	a	e	-	2	3	0.18	1.91	0.06	0.8008
85	TSE	101	m	y	h	a	a	a	2	0	-0.76	6.73	3.98	0.0480
88	JIANG	12	m	q	t	a	e	-	2	0	0.60	2.66	0.95	0.3242
96	MASJED	26	m	q	t	a	e	-	2	0	-1.61	0.29	0.76	0.3866

Relative risks

N	7
NS	7
Wt	33.36
Het Chi	6.85
Het df	6
Het P	N.S.
Fixed RR	1.01
RRl	0.72
RRu	1.41
P	N.S.
Random RR	1.00
RRl	0.68
RRu	1.47
P	N.S.
Asymm P	N.S.

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

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

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

Table 73
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Squamous - males
By continent - adjusted

NAmerica

StN	Ref	NRR									Number Exposed		Non-exposed		RR	95.00%CI	
			SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont			
27	JANERI	19	m	x	s	a	e	-	2	0	-	-	-	-	1.12	(0.65-	1.93)
Partial Totals											0	0	0	0			
*prospective study																	

Europe

StN	Ref	NRR									Number Exposed		Non-exposed		RR	95.00%CI	
			SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont			
12	LEE	15	m	x	s	c	m	-	2	1	-	-	-	-	0.60	(0.07-	4.86)
47	BOFFET	97	m	q	s	a	e	-	2	2	-	-	-	-	1.21	(0.53-	2.75)
Partial Totals											0	0	0	0			
*prospective study																	

Asia

StN	Ref	NRR									Number Exposed		Non-exposed		RR	95.00%CI	
			SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Case	Cont	Case	Cont			
52	RAPITI	33	m	x	s	a	e	-	2	3	-	-	-	-	1.20	(0.30-	5.10)
85	TSE	102	m	y	h	a	a	a	2	9	-	-	-	-	0.43	(0.18-	1.06)
88	JIANG	14	m	q	t	a	e	-	2	1	-	-	-	-	1.83	(0.55-	6.08)
96	MASJED	26	m	q	t	a	e	-	2	0	-	-	-	-	0.20	(0.01-	7.30)
Partial Totals											0	0	0	0			
*prospective study																	

NAmerica Europe Asia Other Total

Relative risks

N	1	2	4	7
NS	1	2	4	7
Wt	12.97	6.52	9.75	29.24
Het Chi	0.00	0.37	4.54	5.84
Het df	0	1	3	6
Het P	N.S.	N.S.	N.S.	N.S.
Fixed RR	1.12	1.10	0.76	0.98
RRl	0.65	0.51	0.41	0.68
RRu	1.93	2.38	1.43	1.41
P	N.S.	N.S.	N.S.	N.S.
Random RR	1.12	1.10	0.82	0.98
RRl	0.65	0.51	0.35	0.68
RRu	1.93	2.38	1.90	1.41
P	N.S.	N.S.	N.S.	N.S.
Asymm P			N.S.	N.S.
Between Chi		0.00	0.82	0.94
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

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

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

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

Table 74
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Squamous - males
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
27	JANERI	19	m	x	s	a	e	-	2	0	-	-	-	-	1.12	(0.65- 1.93)
Partial Totals											0	0	0	0		

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
12	LEE	17	m	x	s	c	m	-	2	0	2	14	3	16	0.76	(0.11- 5.24)
47	BOFFET	93	m	q	s	a	e	-	2	0	-	-	-	-	1.41	(0.70- 2.86)
Partial Totals											2	14	3	16		

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
52	RAPITI	33	m	x	s	a	e	-	2	3	-	-	-	-	1.20	(0.30- 5.10)
85	TSE	101	m	y	h	a	a	a	2	0	9	194	34	342	0.47	(0.22- 0.99)
88	JIANG	12	m	q	t	a	e	-	2	0	-	-	-	-	1.83	(0.55- 6.08)
96	MASJED	26	m	q	t	a	e	-	2	0	-	-	-	-	0.20	(0.01- 7.30)
Partial Totals											9	194	34	342		

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	1	2	4	7
NS	1	2	4	7
Wt	12.97	8.79	11.59	33.36
Het Chi	0.00	0.35	4.55	6.85
Het df	0	1	3	6
Het P	N.S.	N.S.	N.S.	N.S.
Fixed RR	1.12	1.31	0.73	1.01
RRl	0.65	0.68	0.41	0.72
RRu	1.93	2.54	1.30	1.41
P	N.S.	N.S.	N.S.	N.S.
Random RR	1.12	1.31	0.81	1.00
RRl	0.65	0.68	0.36	0.68
RRu	1.93	2.54	1.83	1.47
P	N.S.	N.S.	N.S.	N.S.
Asymm P			N.S.	N.S.
Between Chi		0.13	1.12	1.95
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

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

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

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

Table 75
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Squamous - both sexes
Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)
8	GARFI2	4	f	q	s	a	e	-	2	0	-	-	-	-	5.00	(2.94-	8.51)
12	LEE	15	m	x	s	c	m	-	2	1	-	-	-	-	0.60	(0.07-	4.86)
12	LEE	7	f	x	s	c	m	-	2	1	-	-	-	-	1.70	(0.21-	13.40)
Subtotal 12																	
16	KOO	8	f	x	t	e	e	-	2	4	-	-	-	-	1.02	(0.23-	4.50)
17	LAMT	5	f	q	s	a	m	-	2	0	12	35	15	37	0.85	(0.35-	2.06)
18	PERSHA	3	f	x	s	a	m	-	2	2	-	-	-	-	3.30	(1.10-	11.40)
27	JANERI	5	c	x	s	a	e	-	2	0	-	-	-	-	1.12	(0.87-	1.47)
28	KALAND	4	f	y	s	a	m	-	2	4	-	-	-	-	2.58	(0.88-	7.57)
32	BROWN2	5	f	q	s	a	a	-	2	2	-	-	-	-	0.60	(0.30-	1.30)
33	STOCKW	4	f	y	s	a	e	-	7	3	-	-	-	-	2.20	(0.80-	5.80)
36	FONTHA	10	f	y	s	a	a	-	2	8	-	-	-	-	1.37	(0.92-	2.03)
41	SUN	3	f	x	b	a	e	a	2	2	-	-	-	-	2.06	(1.03-	4.15)
45	ZHENG	9	f	q	h	a	e	a	2	0	6	23	1	4	1.04	(0.10-	11.14)
47	BOFFET	21	c	q	s	a	e	-	2	2	-	-	-	-	1.21	(0.77-	1.91)
49	ZARIDZ	6	f	q	s	a	e	-	2	2	-	-	-	-	1.94	(0.99-	3.81)
52	RAPITI	32	c	x	s	a	e	-	2	3	-	-	-	-	1.20	(0.40-	2.50)
54	ZHONG	6	f	y	s	a	e	-	2	7	-	-	-	-	1.10	(0.70-	1.80)
64	ZATLOU	5	f	v	t	a	a	-	2	3	-	-	-	-	0.66	(0.22-	1.96)
85	TSE	102	m	y	h	a	a	a	2	9	-	-	-	-	0.43	(0.18-	1.06)
88	JIANG	2	c	q	t	a	e	-	2	1	-	-	-	-	1.83	(0.92-	3.62)
96	MASJED	22	c	q	t	a	e	-	2	0	0	94	5	195	0.19~	(0.01-	3.44)
98	SEKI	21	f	q	s	c	e	-	2	7	-	-	-	-	2.24	(0.60-	8.38)
100	ILCCO	18	c	q	h	a	a	a	2	3	-	-	-	-	1.46	(1.08-	1.97)
Partial Totals											71	268	45	345			

*prospective study
zero ~ With 0.5 adjustment for

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
4	TRICHO	1	f	y	s	a	y	-	2	0	0.73	12.77	1.94	0.0091
8	GARFI2	4	f	q	s	a	e	-	2	0	1.61	13.60	21.91	0.0000
12	LEE	15	m	x	s	c	m	-	2	1	-0.51	0.85	0.62	0.6368
12	LEE	7	f	x	s	c	m	-	2	1	0.53	0.89	0.03	0.6167
Subtotal 12														
16	KOO	8	f	x	t	e	e	-	2	4	0.02	1.74	0.65	
17	LAMT	5	f	q	s	a	m	-	2	0	0.55	2.49	0.11	0.3869
18	PERSHA	3	f	x	s	a	m	-	2	2	-0.17	4.86	1.25	0.7117
27	JANERI	5	c	x	s	a	e	-	2	0	1.19	2.81	2.05	0.0453
28	KALAND	4	f	y	s	a	m	-	2	4	0.11	55.85	2.88	0.3970
32	BROWN2	5	f	q	s	a	a	-	2	2	0.95	3.32	1.22	0.0843
33	STOCKW	4	f	y	s	a	e	-	7	3	-0.51	7.15	5.18	0.1721
36	FONTHA	10	f	y	s	a	a	-	2	8	0.79	3.92	0.79	0.1187
41	SUN	3	f	x	b	a	e	a	2	2	0.31	24.53	0.02	0.1189
45	ZHENG	9	f	q	h	a	e	a	2	0	0.72	7.91	1.16	0.0421
47	BOFFET	21	c	q	s	a	e	-	2	2	0.04	0.68	0.06	0.9719
49	ZARIDZ	6	f	q	s	a	e	-	2	2	0.19	18.62	0.42	0.4108
52	RAPITI	32	c	x	s	a	e	-	2	3	0.66	8.46	0.88	0.0539
54	ZHONG	6	f	y	s	a	e	-	2	7	0.18	4.58	0.11	0.6965
64	ZATLOU	5	f	v	t	a	a	-	2	3	0.10	17.23	1.03	0.6924
85	TSE	102	m	y	h	a	a	a	2	9	-0.42	3.21	1.83	0.4564
88	JIANG	2	c	q	t	a	e	-	2	1	-0.84	4.89	6.85	0.0621
96	MASJED	22	c	q	t	a	e	-	2	0	0.60	8.19	0.56	0.0852
98	SEKI	21	f	q	s	c	e	-	2	7	-1.67	0.46	1.84	0.2597
100	ILCCO	18	c	q	h	a	a	a	2	3	0.81	2.21	0.48	0.2305
											0.38	42.53	0.06	0.0136

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

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

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

Table 75
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Squamous - both sexes
 Overall analysis - adjusted

Relative risks

	N	24
	NS	23
	Wt	252.00
Het	Chi	53.29
Het	df	23
Het	P	***
Fixed	RR	1.41
	RRl	1.24
	RRu	1.59
	P	+++
Random	RR	1.44
	RRl	1.15
	RRu	1.80
	P	++
Asymm	P	N.S.

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

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

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

Table 76
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Squamous - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08 (	1.20-	3.59)
8	GARFI2	4	f	q	s	a	e	-	2	0	-	-	-	-	5.00 (	2.94-	8.51)
12	LEE	17	m	x	s	c	m	-	2	0	2	14	3	16	0.76 (	0.11-	5.24)
12	LEE	18	f	x	s	c	m	-	2	0	4	45	1	21	1.87 (	0.20-	17.74)
Subtotal 12																	
16	KOO	4	f	x	t	e	e	-	2	0	25	97	7	40	1.47 (	0.59-	3.68)
17	LAMT	5	f	q	s	a	m	-	2	0	12	35	15	37	0.85 (	0.35-	2.06)
18	PERSHA	3	f	x	s	a	m	-	2	2	-	-	-	-	3.30 (	1.10-	11.40)
27	JANERI	5	c	x	s	a	e	-	2	0	-	-	-	-	1.12 (	0.87-	1.47)
28	KALAND	4	f	y	s	a	m	-	2	4	-	-	-	-	2.58 (	0.88-	7.57)
32	BROWN2	5	f	q	s	a	a	-	2	2	-	-	-	-	0.60 (	0.30-	1.30)
33	STOCKW	4	f	y	s	a	e	-	7	3	-	-	-	-	2.20 (	0.80-	5.80)
36	FONTHA	9	f	y	s	a	a	-	2	0	99	766	56	487	1.12 (	0.79-	1.59)
41	SUN	3	f	x	b	a	e	a	2	2	-	-	-	-	2.06 (	1.03-	4.15)
45	ZHENG	9	f	q	h	a	e	a	2	0	6	23	1	4	1.04 (	0.10-	11.14)
47	BOFFET	20	c	q	s	a	e	-	2	0	59	700	50	838	1.41 (	0.96-	2.09)
49	ZARIDZ	5	f	q	s	a	e	-	2	0	26	163	16	195	1.94 (	1.01-	3.75)
52	RAPITI	32	c	x	s	a	e	-	2	3	-	-	-	-	1.20 (	0.40-	2.50)
54	ZHONG	5	f	y	s	a	e	-	2	0	59	377	32	224	1.10 (	0.69-	1.74)
64	ZATLOU	2	f	v	t	a	a	-	2	0	4	155	30	734	0.63 (	0.22-	1.82)
85	TSE	101	m	y	h	a	a	a	2	0	9	194	34	342	0.47 (	0.22-	0.99)
88	JIANG	6	c	q	t	a	e	-	2	0	39	29	28	38	1.83 (	0.92-	3.62)
96	MASJED	22	c	q	t	a	e	-	2	0	0	94	5	195	0.19~(	0.01-	3.44)
98	SEKI	14	f	q	s	c	e	-	2	0	10	1170	3	640	1.82 (	0.50-	6.65)
100	ILCCO	13	c	q	h	a	a	a	2	0	110	3366	93	3575	1.26 (	0.95-	1.66)
Partial Totals											517	7344	398	7495			
*prospective study																	
zero											~ With 0.5 adjustment for						

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
4	TRICHO	1	f	y	s	a	y	-	2	0	0.73	12.77	2.45	0.0091
8	GARFI2	4	f	q	s	a	e	-	2	0	1.61	13.60	23.60	0.0000
12	LEE	17	m	x	s	c	m	-	2	0	-0.27	1.03	0.33	0.7822
12	LEE	18	f	x	s	c	m	-	2	0	0.62	0.76	0.08	0.5869
Subtotal 12														
16	KOO	4	f	x	t	e	e	-	2	0	0.11	1.79	0.41	0.4072
17	LAMT	5	f	q	s	a	m	-	2	0	0.39	4.58	0.04	0.7117
18	PERSHA	3	f	x	s	a	m	-	2	2	-0.17	4.86	1.03	0.0453
27	JANERI	5	c	x	s	a	e	-	2	0	1.19	2.81	2.29	0.0453
28	KALAND	4	f	y	s	a	m	-	2	4	0.11	55.85	1.79	0.3970
32	BROWN2	5	f	q	s	a	a	-	2	2	0.95	3.32	1.43	0.0843
33	STOCKW	4	f	q	s	a	e	-	7	3	-0.51	7.15	4.61	0.1721
36	FONTHA	9	f	y	s	a	a	-	2	0	0.79	3.92	0.96	0.1187
41	SUN	3	f	x	b	a	e	a	2	2	0.12	31.93	0.98	0.5091
45	ZHENG	9	f	q	h	a	e	a	2	0	0.72	7.91	1.47	0.0421
47	BOFFET	20	c	q	s	a	e	-	2	0	0.04	0.68	0.04	0.9719
49	ZARIDZ	5	f	q	s	a	e	-	2	0	0.35	25.27	0.07	0.0825
52	RAPITI	32	c	x	s	a	e	-	2	3	0.66	8.91	1.24	0.0472
54	ZHONG	5	f	y	s	a	e	-	2	0	0.18	4.58	0.06	0.6965
64	ZATLOU	2	f	v	t	a	a	-	2	0	0.09	18.08	0.73	0.6982
85	TSE	101	m	y	h	a	a	a	2	0	-0.46	3.43	1.94	0.3941
88	JIANG	6	c	q	t	a	e	-	2	0	-0.76	6.73	7.48	0.0480
96	MASJED	22	c	q	t	a	e	-	2	0	0.60	8.19	0.78	0.0852
98	SEKI	14	f	q	s	c	e	-	2	0	-1.67	0.46	1.75	0.2597
100	ILCCO	13	c	q	h	a	a	a	2	0	0.60	2.29	0.22	0.3628
											0.23	48.97	0.20	0.1104

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

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

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

Table 76
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Squamous - both sexes
 Overall analysis - unadjusted

Relative risks

	N	24
	NS	23
	Wt	278.08
Het	Chi	55.57
Het	df	23
Het	P	***
Fixed	RR	1.34
	RRl	1.19
	RRu	1.51
	P	+++
Random	RR	1.40
	RRl	1.13
	RRu	1.74
	P	++
Asymm	P	N.S.

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

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

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

Table 77
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Squamous - both sexes
By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
8	GARFI2	4	f	q	s	a	e	-	2	0	-	-	-	-	5.00	(2.94-	8.51)
27	JANERI	5	c	x	s	a	e	-	2	0	-	-	-	-	1.12	(0.87-	1.47)
32	BROWN2	5	f	q	s	a	a	-	2	2	-	-	-	-	0.60	(0.30-	1.30)
33	STOCKW	4	f	y	s	a	e	-	7	3	-	-	-	-	2.20	(0.80-	5.80)
36	FONTHA	10	f	y	s	a	a	-	2	8	-	-	-	-	1.37	(0.92-	2.03)
Partial Totals											0	0	0	0			

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)
12	LEE	15	m	x	s	c	m	-	2	1	-	-	-	-	0.60	(0.07-	4.86)
12	LEE	7	f	x	s	c	m	-	2	1	-	-	-	-	1.70	(0.21-	13.40)
Subtotal 12											-	-	-	-	1.02	(0.23-	4.50)
18	PERSHA	3	f	x	s	a	m	-	2	2	-	-	-	-	3.30	(1.10-	11.40)
28	KALAND	4	f	y	s	a	m	-	2	4	-	-	-	-	2.58	(0.88-	7.57)
47	BOFFET	21	c	q	s	a	e	-	2	2	-	-	-	-	1.21	(0.77-	1.91)
49	ZARIDZ	6	f	q	s	a	e	-	2	2	-	-	-	-	1.94	(0.99-	3.81)
64	ZATLOU	5	f	v	t	a	a	-	2	3	-	-	-	-	0.66	(0.22-	1.96)
Partial Totals											53	116	24	109			

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
16	KOO	8	f	x	t	e	e	-	2	4	-	-	-	-	1.73	(0.50-	5.99)
17	LAMT	5	f	q	s	a	m	-	2	0	12	35	15	37	0.85	(0.35-	2.06)
41	SUN	3	f	x	b	a	e	a	2	2	-	-	-	-	2.06	(1.03-	4.15)
45	ZHENG	9	f	q	h	a	e	a	2	0	6	23	1	4	1.04	(0.10-	11.14)
52	RAPITI	32	c	x	s	a	e	-	2	3	-	-	-	-	1.20	(0.40-	2.50)
54	ZHONG	6	f	y	s	a	e	-	2	7	-	-	-	-	1.10	(0.70-	1.80)
85	TSE	102	m	y	h	a	a	a	2	9	-	-	-	-	0.43	(0.18-	1.06)
88	JIANG	2	c	q	t	a	e	-	2	1	-	-	-	-	1.83	(0.92-	3.62)
96	MASJED	22	c	q	t	a	e	-	2	0	0	94	5	195	0.19~	(0.01-	3.44)
98	SEKI	21	f	q	s	c	e	-	2	7	-	-	-	-	2.24	(0.60-	8.38)
Partial Totals											18	152	21	236			

*prospective study

zero ~ With 0.5 adjustment for

Other

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
100	ILCCO	18	c	q	h	a	a	a	2	3	-	-	-	-	1.46	(1.08-	1.97)
Partial Totals											0	0	0	0			

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	5	8	10	1	24
NS	5	7	10	1	23
Wt	105.05	50.93	53.49	42.53	252.00
Het Chi	30.77	8.20	12.38	0.00	53.29
Het df	4	7	9	0	23
Het P	***	N.S.	N.S.	N.S.	***
Fixed RR	1.40	1.59	1.22	1.46	1.41
RRl	1.16	1.21	0.93	1.08	1.24
RRu	1.70	2.09	1.59	1.97	1.59
P	+++	+++	N.S.	+	+++
Random RR	1.58	1.61	1.21	1.46	1.44
RRl	0.85	1.17	0.86	1.08	1.15
RRu	2.92	2.22	1.70	1.97	1.80
P	N.S.	++	N.S.	+	++
Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.
Between Chi		0.56	0.68	0.05	1.94
Between df		1	1	1	3

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

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

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

Table 77
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14

Squamous - both sexes
By continent - adjusted

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

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

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

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

Table 78
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Squamous - both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
8	GARFI2	4	f	q	s	a	e	-	2	0	-	-	-	-	5.00	(2.94-	8.51)
27	JANERI	5	c	x	s	a	e	-	2	0	-	-	-	-	1.12	(0.87-	1.47)
32	BROWN2	5	f	q	s	a	a	-	2	2	-	-	-	-	0.60	(0.30-	1.30)
33	STOCKW	4	f	y	s	a	e	-	7	3	-	-	-	-	2.20	(0.80-	5.80)
36	FONTHA	9	f	y	s	a	a	-	2	0	99	766	56	487	1.12	(0.79-	1.59)
Partial Totals											99	766	56	487			

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
4	TRICHO	1	f	y	s	a	y	-	2	0	53	116	24	109	2.08	(1.20-	3.59)
12	LEE	17	m	x	s	c	m	-	2	0	2	14	3	16	0.76	(0.11-	5.24)
12	LEE	18	f	x	s	c	m	-	2	0	4	45	1	21	1.87	(0.20-	17.74)
Subtotal 12											-	-	-	-	1.11	(0.26-	4.81)
18	PERSHA	3	f	x	s	a	m	-	2	2	-	-	-	-	3.30	(1.10-	11.40)
28	KALAND	4	f	y	s	a	m	-	2	4	-	-	-	-	2.58	(0.88-	7.57)
47	BOFFET	20	c	q	s	a	e	-	2	0	59	700	50	838	1.41	(0.96-	2.09)
49	ZARIDZ	5	f	q	s	a	e	-	2	0	26	163	16	195	1.94	(1.01-	3.75)
64	ZATLOU	2	f	v	t	a	a	-	2	0	4	155	30	734	0.63	(0.22-	1.82)
Partial Totals											148	1193	124	1913			

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
16	KOO	4	f	x	t	e	e	-	2	0	25	97	7	40	1.47	(0.59-	3.68)
17	LAMT	5	f	q	s	a	m	-	2	0	12	35	15	37	0.85	(0.35-	2.06)
41	SUN	3	f	x	b	a	e	a	2	2	-	-	-	-	2.06	(1.03-	4.15)
45	ZHENG	9	f	q	h	a	e	a	2	0	6	23	1	4	1.04	(0.10-	11.14)
52	RAPITI	32	c	x	s	a	e	-	2	3	-	-	-	-	1.20	(0.40-	2.50)
54	ZHONG	5	f	y	s	a	e	-	2	0	59	377	32	224	1.10	(0.69-	1.74)
85	TSE	101	m	y	h	a	a	a	2	0	9	194	34	342	0.47	(0.22-	0.99)
88	JIANG	6	c	q	t	a	e	-	2	0	39	29	28	38	1.83	(0.92-	3.62)
96	MASJED	22	c	q	t	a	e	-	2	0	0	94	5	195	0.19~	(0.01-	3.44)
98	SEKI	14	f	q	s	c	e	-	2	0	10	1170	3	640	1.82	(0.50-	6.65)
Partial Totals											160	2019	125	1520			

*prospective study

zero ~ With 0.5 adjustment for

Other

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
100	ILCCO	13	c	q	h	a	a	a	2	0	110	3366	93	3575	1.26	(0.95-	1.66)
Totals											110	3366	93	3575			

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	5	8	10	1	24
NS	5	7	10	1	23
Wt	112.45	58.30	58.36	48.97	278.08
Het Chi	31.92	7.33	12.65	0.00	55.57
Het df	4	7	9	0	23
Het P	***	N.S.	N.S.	N.S.	***
Fixed RR	1.32	1.65	1.18	1.26	1.34
RRl	1.10	1.27	0.91	0.95	1.19
RRu	1.59	2.13	1.52	1.66	1.51
P	++	+++	N.S.	N.S.	+++
Random RR	1.51	1.66	1.18	1.26	1.40
RRl	0.83	1.26	0.85	0.95	1.13
RRu	2.75	2.17	1.63	1.66	1.74
P	N.S.	+++	N.S.	N.S.	++
Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.
Between Chi		1.85	0.50	0.09	3.66
Between df		1	1	1	3

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

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

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

Table 78
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Squamous - both sexes
 By continent - unadjusted

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

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

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

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

Table 79
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Adenocarcinoma - females
Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
8	GARFI2	5	f	a	s	a	e	-	2	0	-	-	-	-	1.33 (0.80- 2.21)		
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (1.09- 3.72)		
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20 (0.50- 3.30)		
12	LEE	8	f	c	s	c	m	-	2	1	-	-	-	-	0.41 (0.07- 2.40)		
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68 (0.39- 6.90)		
16	KOO	9	f	w	t	e	e	-	2	4	-	-	-	-	1.61 (0.61- 4.29)		
17	LAMT	7	f	a	s	a	m	-	2	0	78	64	53	92	2.12 (1.32- 3.39)		
18	PERSHA	4	f	c	s	a	m	-	2	2	-	-	-	-	0.80 (0.40- 1.50)		
27	JANERI	22	f	w	s	a	e	-	2	0	-	-	-	-	0.97 (0.78- 1.21)		
28	KALAND	5	f	a	s	a	m	-	2	4	-	-	-	-	2.04 (0.98- 4.24)		
32	BROWN2	6	f	a	s	a	a	-	2	2	-	-	-	-	1.00 (0.80- 1.30)		
33	STOCKW	5	f	a	s	a	e	-	7	3	-	-	-	-	1.30 (0.60- 2.70)		
36	FONTHA	8	f	a	s	a	a	-	2	8	-	-	-	-	1.28 (1.01- 1.62)		
41	SUN	4	f	a	b	a	e	a	2	2	-	-	-	-	2.86 (1.69- 4.84)		
45	ZHENG	10	f	a	h	a	e	a	2	0	38	108	5	33	2.32 (0.85- 6.38)		
47	BOFFET	100	f	a	s	a	e	-	2	2	-	-	-	-	1.08 (0.78- 1.50)		
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75 (0.31- 1.78)		
49	ZARIDZ	8	f	a	s	a	e	-	2	2	-	-	-	-	1.52 (0.96- 2.39)		
50	BOFFE2	14	f	a	s	a	a	-	2	2	-	-	-	-	1.00 (0.50- 1.90)		
52	RAPITI	36	f	a	s	a	e	-	2	3	-	-	-	-	1.00 (0.20- 4.60)		
54	ZHONG	4	f	a	s	a	e	-	2	7	-	-	-	-	1.10 (0.80- 1.50)		
64	ZATLOU	4	f	a	t	a	a	-	2	3	-	-	-	-	0.36 (0.11- 1.22)		
*81	KURAHA	12	f	a	s	c	e	-	2	5	-	-	-	-	1.83 (0.98- 3.40)		
88	JIANG	19	f	a	t	a	e	-	2	1	-	-	-	-	4.33 (1.67- 11.25)		
96	MASJED	29	f	a	t	a	e	-	2	0	-	-	-	-	2.40 (0.90- 6.70)		
98	SEKI	23	f	a	s	c	e	-	2	7	-	-	-	-	1.44 (1.06- 1.95)		
Partial Totals											209	295	95	216			
*prospective study																	

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	5	f	a	s	a	e	-	2	0	0.29	14.88	0.07	0.2713
9	LAMW	1	f	a	s	a	e	-	2	0	0.70	10.14	2.33	0.0261
10	WU	3	f	a	s	e	m	-	2	1	0.18	4.31	0.01	0.7049
12	LEE	8	f	c	s	c	m	-	2	1	-0.89	1.23	1.52	0.3228
13	BROWN1	2	f	a	t	a	e	-	4	3	0.52	1.86	0.17	0.4791
16	KOO	9	f	w	t	e	e	-	2	4	0.48	4.04	0.27	0.3385
17	LAMT	7	f	a	s	a	m	-	2	0	0.75	17.19	4.84	0.0019
18	PERSHA	4	f	c	s	a	m	-	2	2	-0.22	8.80	1.72	0.5081
27	JANERI	22	f	w	s	a	e	-	2	0	-0.03	79.70	4.95	0.7857
28	KALAND	5	f	a	s	a	m	-	2	4	0.71	7.16	1.75	0.0564
32	BROWN2	6	f	a	s	a	a	-	2	2	0.00	65.19	3.12	1.0000
33	STOCKW	5	f	a	s	a	e	-	7	3	0.26	6.79	0.01	0.4941
36	FONTHA	8	f	a	s	a	a	-	2	8	0.25	68.83	0.05	0.0406
41	SUN	4	f	a	b	a	e	a	2	2	1.05	13.88	9.61	0.0001
45	ZHENG	10	f	a	h	a	e	a	2	0	0.84	3.76	1.46	0.1023
47	BOFFET	100	f	a	s	a	e	-	2	2	0.08	35.93	0.72	0.6446
48	SHEN	1	f	a	t	a	y	-	2	0	-0.29	5.07	1.33	0.5088
49	ZARIDZ	8	f	a	s	a	e	-	2	2	0.42	18.47	0.74	0.0719
50	BOFFE2	14	f	a	s	a	a	-	2	2	0.00	8.62	0.41	1.0000
52	RAPITI	36	f	a	s	a	e	-	2	3	0.00	1.56	0.07	1.0000
54	ZHONG	4	f	a	s	a	e	-	2	7	0.10	38.89	0.59	0.5523
64	ZATLOU	4	f	a	t	a	a	-	2	3	-1.02	2.65	4.08	0.0960
*81	KURAHA	12	f	a	s	c	e	-	2	5	0.60	9.93	1.48	0.0569
88	JIANG	19	f	a	t	a	e	-	2	1	1.47	4.22	6.57	0.0026
96	MASJED	29	f	a	t	a	e	-	2	0	0.88	3.81	1.64	0.0874
98	SEKI	23	f	a	s	c	e	-	2	7	0.36	41.35	0.88	0.0190

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

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

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

Table 79
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Adenocarcinoma - females
 Overall analysis - adjusted

Relative risks

N	26
NS	26
Wt	478.28
Het Chi	50.40
Het df	25
Het P	**
Fixed RR	1.24
RRl	1.14
RRu	1.36
P	+++
Random RR	1.34
RRl	1.16
RRu	1.56
P	+++
Asymm P	N.S.

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

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

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

Table 80
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Adenocarcinoma - females
Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
											Case	Cont	Case	Cont				
8	GARFI2	5	f	a	s	a	e	-	2	0	-	-	-	-	1.33	(0.80-	2.21)	
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)	
10	WU	2	f	a	s	e	m	-	2	0	19	33	9	22	1.41	(0.54-	3.67)	
12	LEE	20	f	c	s	c	m	-	2	0	4	45	5	21	0.37	(0.09-	1.53)	
13	BROWN1	1	f	a	t	a	e	-	4	0	4	7	15	40	1.52	(0.39-	5.96)	
16	KOO	5	f	w	t	e	e	-	2	0	34	97	12	40	1.17	(0.55-	2.48)	
17	LAMT	7	f	a	s	a	m	-	2	0	78	64	53	92	2.12	(1.32-	3.39)	
18	PERSHA	4	f	c	s	a	m	-	2	2	-	-	-	-	0.80	(0.40-	1.50)	
27	JANERI	22	f	w	s	a	e	-	2	0	-	-	-	-	0.97	(0.78-	1.21)	
28	KALAND	5	f	a	s	a	m	-	2	4	-	-	-	-	2.04	(0.98-	4.24)	
32	BROWN2	6	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.30)	
33	STOCKW	5	f	a	s	a	e	-	7	3	-	-	-	-	1.30	(0.60-	2.70)	
36	FONTHA	7	f	a	s	a	a	-	2	0	334	766	162	487	1.31	(1.05-	1.63)	
41	SUN	4	f	a	b	a	e	a	2	2	-	-	-	-	2.86	(1.69-	4.84)	
45	ZHENG	10	f	a	h	a	e	a	2	0	38	108	5	33	2.32	(0.85-	6.38)	
47	BOFFET	96	f	a	s	a	e	-	2	0	-	-	-	-	1.31	(0.99-	1.74)	
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31-	1.78)	
49	ZARIDZ	7	f	a	s	a	e	-	2	0	60	163	46	195	1.56	(1.01-	2.42)	
50	BOFFE2	13	f	a	s	a	a	-	2	0	33	69	33	68	0.99	(0.55-	1.77)	
52	RAPITI	36	f	a	s	a	e	-	2	3	-	-	-	-	1.00	(0.20-	4.60)	
54	ZHONG	3	f	a	s	a	e	-	2	0	187	377	109	224	1.02	(0.76-	1.36)	
64	ZATLOU	1	f	a	t	a	a	-	2	0	3	155	47	734	0.30	(0.09-	0.98)	
*81	KURAHA	11	f	a	s	c	e	-	2	0	67	280213	15	97392	1.55	(0.89-	2.72)	
88	JIANG	17	f	a	t	a	e	-	2	0	-	-	-	-	4.33	(1.67-	11.25)	
96	MASJED	29	f	a	t	a	e	-	2	0	-	-	-	-	2.40	(0.90-	6.70)	
98	SEKI	19	f	a	s	c	e	-	2	0	161	1170	75	640	1.17	(0.88-	1.57)	
Partial Totals											1115	283390	623	100079				
*prospective study																		

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	5	f	a	s	a	e	-	2	0	0.29	14.88	0.09	0.2713
9	LAMW	1	f	a	s	a	e	-	2	0	0.70	10.14	2.46	0.0261
10	WU	2	f	a	s	e	m	-	2	0	0.34	4.18	0.08	0.4850
12	LEE	20	f	c	s	c	m	-	2	0	-0.99	1.92	2.73	0.1718
13	BROWN1	1	f	a	t	a	e	-	4	0	0.42	2.06	0.10	0.5451
16	KOO	5	f	w	t	e	e	-	2	0	0.16	6.75	0.02	0.6859
17	LAMT	7	f	a	s	a	m	-	2	0	0.75	17.19	5.08	0.0019
18	PERSHA	4	f	c	s	a	m	-	2	2	-0.22	8.80	1.62	0.5081
27	JANERI	22	f	w	s	a	e	-	2	0	-0.03	79.70	4.45	0.7857
28	KALAND	5	f	a	s	a	m	-	2	4	0.71	7.16	1.84	0.0564
32	BROWN2	6	f	a	s	a	a	-	2	2	0.00	65.19	2.76	1.0000
33	STOCKW	5	f	a	s	a	e	-	7	3	0.26	6.79	0.02	0.4941
36	FONTHA	7	f	a	s	a	a	-	2	0	0.27	79.84	0.34	0.0156
41	SUN	4	f	a	b	a	e	a	2	2	1.05	13.88	9.91	0.0001
45	ZHENG	10	f	a	h	a	e	a	2	0	0.84	3.76	1.52	0.1023
47	BOFFET	96	f	a	s	a	e	-	2	0	0.27	48.32	0.20	0.0605
48	SHEN	1	f	a	t	a	y	-	2	0	-0.29	5.07	1.26	0.5088
49	ZARIDZ	7	f	a	s	a	e	-	2	0	0.44	20.13	1.15	0.0459
50	BOFFE2	13	f	a	s	a	a	-	2	0	-0.01	11.14	0.54	0.9611
52	RAPITI	36	f	a	s	a	e	-	2	3	0.00	1.56	0.07	1.0000
54	ZHONG	3	f	a	s	a	e	-	2	0	0.02	46.21	1.61	0.8964
64	ZATLOU	1	f	a	t	a	a	-	2	0	-1.20	2.76	5.43	0.0469
*81	KURAHA	11	f	a	s	c	e	-	2	0	0.44	12.26	0.67	0.1236
88	JIANG	17	f	a	t	a	e	-	2	0	1.47	4.22	6.70	0.0026
96	MASJED	29	f	a	t	a	e	-	2	0	0.88	3.81	1.71	0.0874
98	SEKI	19	f	a	s	c	e	-	2	0	0.16	45.53	0.09	0.2784

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

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

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

Table 80
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Adenocarcinoma - females
 Overall analysis - unadjusted

Relative risks

	N	26
	NS	26
	Wt	523.26
Het	Chi	52.45
Het	df	25
Het	P	**
Fixed	RR	1.23
	RRl	1.13
	RRu	1.34
	P	+++
Random	RR	1.31
	RRl	1.13
	RRu	1.52
	P	+++
Asymm	P	N.S.

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

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

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

Table 82
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Adenocarcinoma - females
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
8	GARFI2	5	f	a	s	a	e	-	2	0	-	-	-	-	1.33	(0.80-	2.21)
10	WU	2	f	a	s	e	m	-	2	0	19	33	9	22	1.41	(0.54-	3.67)
13	BROWN1	1	f	a	t	a	e	-	4	0	4	7	15	40	1.52	(0.39-	5.96)
27	JANERI	22	f	w	s	a	e	-	2	0	-	-	-	-	0.97	(0.78-	1.21)
32	BROWN2	6	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.30)
33	STOCKW	5	f	a	s	a	e	-	7	3	-	-	-	-	1.30	(0.60-	2.70)
36	FONTHA	7	f	a	s	a	a	-	2	0	334	766	162	487	1.31	(1.05-	1.63)
Partial Totals											357	806	186	549			

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
12	LEE	20	f	c	s	c	m	-	2	0	4	45	5	21	0.37	(0.09-	1.53)
18	PERSHA	4	f	c	s	a	m	-	2	2	-	-	-	-	0.80	(0.40-	1.50)
28	KALAND	5	f	a	s	a	m	-	2	4	-	-	-	-	2.04	(0.98-	4.24)
47	BOFFET	96	f	a	s	a	e	-	2	0	-	-	-	-	1.31	(0.99-	1.74)
49	ZARIDZ	7	f	a	s	a	e	-	2	0	60	163	46	195	1.56	(1.01-	2.42)
50	BOFFE2	13	f	a	s	a	a	-	2	0	33	69	33	68	0.99	(0.55-	1.77)
64	ZATLOU	1	f	a	t	a	a	-	2	0	3	155	47	734	0.30	(0.09-	0.98)
Partial Totals											100	432	131	1018			

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)
16	KOO	5	f	w	t	e	e	-	2	0	34	97	12	40	1.17	(0.55-	2.48)
17	LAMT	7	f	a	s	a	m	-	2	0	78	64	53	92	2.12	(1.32-	3.39)
41	SUN	4	f	a	b	a	e	a	2	2	-	-	-	-	2.86	(1.69-	4.84)
45	ZHENG	10	f	a	h	a	e	a	2	0	38	108	5	33	2.32	(0.85-	6.38)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31-	1.78)
52	RAPITI	36	f	a	s	a	e	-	2	3	-	-	-	-	1.00	(0.20-	4.60)
54	ZHONG	3	f	a	s	a	e	-	2	0	187	377	109	224	1.02	(0.76-	1.36)
*81	KURAHA	11	f	a	s	c	e	-	2	0	67	280213	15	97392	1.55	(0.89-	2.72)
88	JIANG	17	f	a	t	a	e	-	2	0	-	-	-	-	4.33	(1.67-	11.25)
96	MASJED	29	f	a	t	a	e	-	2	0	-	-	-	-	2.40	(0.90-	6.70)
98	SEKI	19	f	a	s	c	e	-	2	0	161	1170	75	640	1.17	(0.88-	1.57)
Partial Totals											658	282152	306	98512			

*prospective study

	NAmerica	Europe	Asia	Other	Total
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Relative risks

N	7	7	12		26
NS	7	7	12		26
Wt	252.64	100.23	170.40		523.26
Het Chi	5.46	13.50	27.34		52.45
Het df	6	6	11		25
Het P	N.S.	*	**		**
Fixed RR	1.11	1.22	1.43		1.23
RRl	0.99	1.00	1.23		1.13
RRu	1.26	1.48	1.66		1.34
P	(+)	+	+++		+++
Random RR	1.11	1.09	1.62		1.31
RRl	0.99	0.77	1.23		1.13
RRu	1.26	1.54	2.13		1.52
P	(+)	N.S.	+++		+++
Asymm P	N.S.	N.S.	N.S.		N.S.
Between Chi		0.56	6.14		6.15
Between df		1	1		2
Between P		N.S.	+	N.S.	*

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

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

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

Table 83
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Adenocarcinoma - males
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
12	LEE	16	m	c	s	c	m	-	2	1	-	-	-	-	2.70	(0.24-	30.57)
27	JANERI	21	m	w	s	a	e	-	2	0	-	-	-	-	0.97	(0.65-	1.44)
47	BOFFET	99	m	a	s	a	e	-	2	2	-	-	-	-	1.08	(0.66-	1.77)
52	RAPITI	35	m	a	s	a	e	-	2	3	-	-	-	-	1.00	(0.20-	6.40)
85	TSE	28	m	a	h	a	a	a	2	9	-	-	-	-	1.18	(0.71-	1.98)
88	JIANG	18	m	a	t	a	e	-	2	1	-	-	-	-	4.33	(1.09-	17.18)
96	MASJED	28	m	a	t	a	e	-	2	0	-	-	-	-	2.40	(1.00-	5.70)
98	SEKI	8	m	a	s	c	e	-	2	7	-	-	-	-	1.30	(0.27-	6.14)
Partial Totals											0	0	0	0			

*prospective study

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
12	LEE	16	m	c	s	c	m	-	2	1	0.99	0.65	0.44	0.4218
27	JANERI	21	m	w	s	a	e	-	2	0	-0.03	24.29	1.02	0.8807
47	BOFFET	99	m	a	s	a	e	-	2	2	0.08	15.79	0.15	0.7597
52	RAPITI	35	m	a	s	a	e	-	2	3	0.00	1.28	0.04	1.0000
85	TSE	28	m	a	h	a	a	a	2	9	0.17	14.61	0.00	0.5270
88	JIANG	18	m	a	t	a	e	-	2	1	1.47	2.02	3.38	0.0369
96	MASJED	28	m	a	t	a	e	-	2	0	0.88	5.07	2.50	0.0486
98	SEKI	8	m	a	s	c	e	-	2	7	0.26	1.57	0.01	0.7420

Relative risks

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

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

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

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

Table 84
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Adenocarcinoma - males
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
12	LEE	19	m	c	s	c	m	-	2	0	3	14	1	16	3.43	(0.32- 36.83)
27	JANERI	21	m	w	s	a	e	-	2	0	-	-	-	-	0.97	(0.65- 1.44)
47	BOFFET	95	m	a	s	a	e	-	2	0	-	-	-	-	1.31	(0.85- 2.01)
52	RAPITI	35	m	a	s	a	e	-	2	3	-	-	-	-	1.00	(0.20- 6.40)
85	TSE	19	m	a	h	a	a	a	2	0	38	194	51	342	1.31	(0.83- 2.07)
88	JIANG	16	m	a	t	a	e	-	2	0	-	-	-	-	4.33	(1.09- 17.18)
96	MASJED	28	m	a	t	a	e	-	2	0	-	-	-	-	2.40	(1.00- 5.70)
98	SEKI	6	m	a	s	c	e	-	2	0	2	22	47	578	1.12	(0.26- 4.90)
Partial Totals											43	230	99	936		

*prospective study

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
12	LEE	19	m	c	s	c	m	-	2	0	1.23	0.68	0.66	0.3091
27	JANERI	21	m	w	s	a	e	-	2	0	-0.03	24.29	1.87	0.8807
47	BOFFET	95	m	a	s	a	e	-	2	0	0.27	20.74	0.01	0.2187
52	RAPITI	35	m	a	s	a	e	-	2	3	0.00	1.28	0.08	1.0000
85	TSE	19	m	a	h	a	a	a	2	0	0.27	18.52	0.01	0.2406
88	JIANG	16	m	a	t	a	e	-	2	0	1.47	2.02	3.00	0.0372
96	MASJED	28	m	a	t	a	e	-	2	0	0.88	5.07	2.00	0.0486
98	SEKI	6	m	a	s	c	e	-	2	0	0.11	1.76	0.03	0.8824

Relative risks

N	8
NS	8
Wt	74.36
Het Chi	7.67
Het df	7
Het P	N.S.
Fixed RR	1.28
RRl	1.02
RRu	1.61
P	+
Random RR	1.30
RRl	1.01
RRu	1.68
P	+
Asymm P	N.S.

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

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

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

Table 86
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Adenocarcinoma - males
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
27	JANERI	21	m	w	s	a	e	-	2	0	-	-	-	-	0.97	(0.65- 1.44)
Partial Totals											0	0	0	0		

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
12	LEE	19	m	c	s	c	m	-	2	0	3	14	1	16	3.43	(0.32- 36.83)
47	BOFFET	95	m	a	s	a	e	-	2	0	-	-	-	-	1.31	(0.85- 2.01)
Partial Totals											3	14	1	16		

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
52	RAPITI	35	m	a	s	a	e	-	2	3	-	-	-	-	1.00	(0.20- 6.40)
85	TSE	19	m	a	h	a	a	a	2	0	38	194	51	342	1.31	(0.83- 2.07)
88	JIANG	16	m	a	t	a	e	-	2	0	-	-	-	-	4.33	(1.09- 17.18)
96	MASJED	28	m	a	t	a	e	-	2	0	-	-	-	-	2.40	(1.00- 5.70)
98	SEKI	6	m	a	s	c	e	-	2	0	2	22	47	578	1.12	(0.26- 4.90)
Partial Totals											40	216	98	920		

*prospective study

NAmerica	Europe	Asia	Other	Total
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Relative risks

N	1	2	5	8
NS	1	2	5	8
Wt	24.29	21.43	28.65	74.36
Het Chi	0.00	0.61	4.04	7.67
Het df	0	1	4	7
Het P	N.S.	N.S.	N.S.	N.S.
Fixed RR	0.97	1.35	1.56	1.28
RRl	0.65	0.88	1.08	1.02
RRu	1.44	2.06	2.24	1.61
P	N.S.	N.S.	+	+
Random RR	0.97	1.35	1.56	1.30
RRl	0.65	0.88	1.08	1.01
RRu	1.44	2.06	2.27	1.68
P	N.S.	N.S.	+	+
Asymm P			N.S.	N.S.
Between Chi		1.25	2.93	3.02
Between df		1	1	2
Between P		N.S.	(+)	N.S.

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

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

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

Table 87
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Adenocarcinoma - both sexes
Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
8	GARFI2	5	f	a	s	a	e	-	2	0	-	-	-	-	1.33 (0.80- 2.21)		
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01 (1.09- 3.72)		
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20 (0.50- 3.30)		
12	LEE	16	m	c	s	c	m	-	2	1	-	-	-	-	2.70 (0.24- 30.57)		
12	LEE	8	f	c	s	c	m	-	2	1	-	-	-	-	0.41 (0.07- 2.40)		
Subtotal 12																	
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68 (0.39- 6.90)		
16	KOO	9	f	w	t	e	e	-	2	4	-	-	-	-	1.61 (0.61- 4.29)		
17	LAMT	7	f	a	s	a	m	-	2	0	78	64	53	92	2.12 (1.32- 3.39)		
18	PERSHA	4	f	c	s	a	m	-	2	2	-	-	-	-	0.80 (0.40- 1.50)		
27	JANERI	6	c	w	s	a	e	-	2	0	-	-	-	-	0.97 (0.79- 1.16)		
28	KALAND	5	f	a	s	a	m	-	2	4	-	-	-	-	2.04 (0.98- 4.24)		
32	BROWN2	6	f	a	s	a	a	-	2	2	-	-	-	-	1.00 (0.80- 1.30)		
33	STOCKW	5	f	a	s	a	e	-	7	3	-	-	-	-	1.30 (0.60- 2.70)		
36	FONTHA	8	f	a	s	a	a	-	2	8	-	-	-	-	1.28 (1.01- 1.62)		
41	SUN	4	f	a	b	a	e	a	2	2	-	-	-	-	2.86 (1.69- 4.84)		
45	ZHENG	10	f	a	h	a	e	a	2	0	38	108	5	33	2.32 (0.85- 6.38)		
47	BOFFET	25	c	a	s	a	e	-	2	2	-	-	-	-	1.08 (0.82- 1.42)		
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75 (0.31- 1.78)		
49	ZARIDZ	8	f	a	s	a	e	-	2	2	-	-	-	-	1.52 (0.96- 2.39)		
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00 (0.50- 1.80)		
52	RAPITI	31	c	a	s	a	e	-	2	3	-	-	-	-	1.00 (0.30- 3.20)		
54	ZHONG	4	f	a	s	a	e	-	2	7	-	-	-	-	1.10 (0.80- 1.50)		
64	ZATLOU	4	f	a	t	a	a	-	2	3	-	-	-	-	0.36 (0.11- 1.22)		
*81	KURAHA	12	f	a	s	c	e	-	2	5	-	-	-	-	1.83 (0.98- 3.40)		
85	TSE	28	m	a	h	a	a	a	2	9	-	-	-	-	1.18 (0.71- 1.98)		
88	JIANG	3	c	a	t	a	e	-	2	1	-	-	-	-	4.33 (1.98- 9.49)		
96	MASJED	21	c	a	t	a	e	-	2	0	22	94	19	195	2.40 (1.24- 4.65)		
98	SEKI	8	m	a	s	c	e	-	2	7	-	-	-	-	1.30 (0.27- 6.14)		
98	SEKI	23	f	a	s	c	e	-	2	7	-	-	-	-	1.44 (1.06- 1.95)		
Subtotal 98																	
100	ILCCO	17	c	a	h	a	a	a	2	3	-	-	-	-	1.22 (1.08- 1.39)		
Partial Totals											231	389	114	411			
*prospective study																	

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	5	f	a	s	a	e	-	2	0	0.29	14.88	0.09	0.2713
9	LAMW	1	f	a	s	a	e	-	2	0	0.70	10.14	2.43	0.0261
10	WU	3	f	a	s	e	m	-	2	1	0.18	4.31	0.00	0.7049
12	LEE	16	m	c	s	c	m	-	2	1	0.99	0.65	0.40	0.4218
12	LEE	8	f	c	s	c	m	-	2	1	-0.89	1.23	1.49	0.3228
Subtotal 12														
13	BROWN1	2	f	a	t	a	e	-	4	3	0.52	1.86	0.18	0.4791
16	KOO	9	f	w	t	e	e	-	2	4	0.48	4.04	0.29	0.3385
17	LAMT	7	f	a	s	a	m	-	2	0	0.75	17.19	5.02	0.0019
18	PERSHA	4	f	c	s	a	m	-	2	2	-0.22	8.80	1.64	0.5081
27	JANERI	6	c	w	s	a	e	-	2	0	-0.03	104.13	5.96	0.7559
28	KALAND	5	f	a	s	a	m	-	2	4	0.71	7.16	1.82	0.0564
32	BROWN2	6	f	a	s	a	a	-	2	2	0.00	65.19	2.84	1.0000
33	STOCKW	5	f	a	s	a	e	-	7	3	0.26	6.79	0.02	0.4941
36	FONTHA	8	f	a	s	a	a	-	2	8	0.25	68.83	0.10	0.0406
41	SUN	4	f	a	b	a	e	a	2	2	1.05	13.88	9.84	0.0001
45	ZHENG	10	f	a	h	a	e	a	2	0	0.84	3.76	1.51	0.1023
47	BOFFET	25	c	a	s	a	e	-	2	2	0.08	50.96	0.89	0.5827
48	SHEN	1	f	a	t	a	y	-	2	0	-0.29	5.07	1.28	0.5088
49	ZARIDZ	8	f	a	s	a	e	-	2	2	0.42	18.47	0.81	0.0719
50	BOFFE2	12	c	a	s	a	a	-	2	2	0.00	9.36	0.41	1.0000
52	RAPITI	31	c	a	s	a	e	-	2	3	0.00	2.74	0.12	1.0000
54	ZHONG	4	f	a	s	a	e	-	2	7	0.10	38.89	0.50	0.5523
64	ZATLOU	4	f	a	t	a	a	-	2	3	-1.02	2.65	4.02	0.0960
*81	KURAHA	12	f	a	s	c	e	-	2	5	0.60	9.93	1.55	0.0569
85	TSE	28	m	a	h	a	a	a	2	9	0.17	14.61	0.03	0.5270
88	JIANG	3	c	a	t	a	e	-	2	1	1.47	6.25	9.88	0.0002
96	MASJED	21	c	a	t	a	e	-	2	0	0.88	8.78	3.91	0.0094
98	SEKI	8	m	a	s	c	e	-	2	7	0.26	1.57	0.00	0.7420
98	SEKI	23	f	a	s	c	e	-	2	7	0.36	41.35	1.00	0.0190

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

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

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

Table 87
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Adenocarcinoma - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
Subtotal	98										0.36	42.93	1.01	
100	ILCCO	17	c	a	h	a	a	a	2	3	0.20	241.31	0.02	0.0020

Relative risks

N	30
NS	28
Wt	784.80
Het Chi	58.06
Het df	29
Het P	**
Fixed RR	1.23
RRl	1.15
RRu	1.32
P	+++
Random RR	1.33
RRl	1.17
RRu	1.51
P	+++
Asymm P	N.S.

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

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

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

Table 88
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Adenocarcinoma - both sexes
Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
											Case	Cont	Case	Cont			
8	GARFI2	5	f	a	s	a	e	-	2	0	-	-	-	-	1.33	(0.80-	2.21)
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09-	3.72)
10	WU	2	f	a	s	e	m	-	2	0	19	33	9	22	1.41	(0.54-	3.67)
12	LEE	19	m	c	s	c	m	-	2	0	3	14	1	16	3.43	(0.32-	36.83)
12	LEE	20	f	c	s	c	m	-	2	0	4	45	5	21	0.37	(0.09-	1.53)
Subtotal 12																	
13	BROWN1	1	f	a	t	a	e	-	4	0	4	7	15	40	1.52	(0.39-	5.96)
16	KOO	5	f	w	t	e	e	-	2	0	34	97	12	40	1.17	(0.55-	2.48)
17	LAMT	7	f	a	s	a	m	-	2	0	78	64	53	92	2.12	(1.32-	3.39)
18	PERSHA	4	f	c	s	a	m	-	2	2	-	-	-	-	0.80	(0.40-	1.50)
27	JANERI	6	c	w	s	a	e	-	2	0	-	-	-	-	0.97	(0.79-	1.16)
28	KALAND	5	f	a	s	a	m	-	2	4	-	-	-	-	2.04	(0.98-	4.24)
32	BROWN2	6	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.80-	1.30)
33	STOCKW	5	f	a	s	a	e	-	7	3	-	-	-	-	1.30	(0.60-	2.70)
36	FONTHA	7	f	a	s	a	a	-	2	0	334	766	162	487	1.31	(1.05-	1.63)
41	SUN	4	f	a	b	a	e	a	2	2	-	-	-	-	2.86	(1.69-	4.84)
45	ZHENG	10	f	a	h	a	e	a	2	0	38	108	5	33	2.32	(0.85-	6.38)
47	BOFFET	24	c	a	s	a	e	-	2	0	174	700	159	838	1.31	(1.03-	1.66)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31-	1.78)
49	ZARIDZ	7	f	a	s	a	e	-	2	0	60	163	46	195	1.56	(1.01-	2.42)
50	BOFFE2	11	c	a	s	a	a	-	2	0	33	75	37	103	1.22	(0.70-	2.14)
52	RAPITI	31	c	a	s	a	e	-	2	3	-	-	-	-	1.00	(0.30-	3.20)
54	ZHONG	3	f	a	s	a	e	-	2	0	187	377	109	224	1.02	(0.76-	1.36)
64	ZATLOU	1	f	a	t	a	a	-	2	0	3	155	47	734	0.30	(0.09-	0.98)
*81	KURAHA	11	f	a	s	c	e	-	2	0	67	280213	15	97392	1.55	(0.89-	2.72)
85	TSE	19	m	a	h	a	a	a	2	0	38	194	51	342	1.31	(0.83-	2.07)
88	JIANG	7	c	a	t	a	e	-	2	0	38	18	19	39	4.33	(1.98-	9.49)
96	MASJED	21	c	a	t	a	e	-	2	0	22	94	19	195	2.40	(1.24-	4.65)
98	SEKI	6	m	a	s	c	e	-	2	0	2	22	47	578	1.12	(0.26-	4.90)
98	SEKI	19	f	a	s	c	e	-	2	0	161	1170	75	640	1.17	(0.88-	1.57)
Subtotal 98																	
100	ILCCO	12	c	a	h	a	a	a	2	0	791	3366	637	3575	1.32	(1.18-	1.48)
Partial Totals											2183	287804	1560	105697			
*prospective study																	

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	5	f	a	s	a	e	-	2	0	0.29	14.88	0.04	0.2713
9	LAMW	1	f	a	s	a	e	-	2	0	0.70	10.14	2.18	0.0261
10	WU	2	f	a	s	e	m	-	2	0	0.34	4.18	0.05	0.4850
12	LEE	19	m	c	s	c	m	-	2	0	1.23	0.68	0.68	0.3091
12	LEE	20	f	c	s	c	m	-	2	0	-0.99	1.92	2.87	0.1718
Subtotal 12														
13	BROWN1	1	f	a	t	a	e	-	4	0	0.42	2.06	0.07	0.5451
16	KOO	5	f	w	t	e	e	-	2	0	0.16	6.75	0.04	0.6859
17	LAMT	7	f	a	s	a	m	-	2	0	0.75	17.19	4.54	0.0019
18	PERSHA	4	f	c	s	a	m	-	2	2	-0.22	8.80	1.85	0.5081
27	JANERI	6	c	w	s	a	e	-	2	0	-0.03	104.13	7.35	0.7559
28	KALAND	5	f	a	s	a	m	-	2	4	0.71	7.16	1.64	0.0564
32	BROWN2	6	f	a	s	a	a	-	2	2	0.00	65.19	3.60	1.0000
33	STOCKW	5	f	a	s	a	e	-	7	3	0.26	6.79	0.01	0.4941
36	FONTHA	7	f	a	s	a	a	-	2	0	0.27	79.84	0.10	0.0156
41	SUN	4	f	a	b	a	e	a	2	2	1.05	13.88	9.23	0.0001
45	ZHENG	10	f	a	h	a	e	a	2	0	0.84	3.76	1.39	0.1023
47	BOFFET	24	c	a	s	a	e	-	2	0	0.27	68.22	0.08	0.0257
48	SHEN	1	f	a	t	a	y	-	2	0	-0.29	5.07	1.42	0.5088
49	ZARIDZ	7	f	a	s	a	e	-	2	0	0.44	20.13	0.89	0.0459
50	BOFFE2	11	c	a	s	a	a	-	2	0	0.20	12.44	0.01	0.4743
52	RAPITI	31	c	a	s	a	e	-	2	3	0.00	2.74	0.15	1.0000
54	ZHONG	3	f	a	s	a	e	-	2	0	0.02	46.21	2.16	0.8964
64	ZATLOU	1	f	a	t	a	a	-	2	0	-1.20	2.76	5.65	0.0469
*81	KURAHA	11	f	a	s	c	e	-	2	0	0.44	12.26	0.51	0.1236
85	TSE	19	m	a	h	a	a	a	2	0	0.27	18.52	0.03	0.2406
88	JIANG	7	c	a	t	a	e	-	2	0	1.47	6.24	9.47	0.0002
96	MASJED	21	c	a	t	a	e	-	2	0	0.88	8.78	3.61	0.0094
98	SEKI	6	m	a	s	c	e	-	2	0	0.11	1.76	0.03	0.8824
98	SEKI	19	f	a	s	c	e	-	2	0	0.16	45.53	0.25	0.2784

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

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

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

Table 88
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Adenocarcinoma - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Ys	Ws	Qs	Ps
Subtotal	98										0.16	47.29	0.28	
100	ILCCO	12	c	a	h	a	a	a	2	0	0.28	293.18	0.51	0.0000

Relative risks

N	30
NS	28
Wt	891.21
Het Chi	60.39
Het df	29
Het P	***
Fixed RR	1.27
RRl	1.18
RRu	1.35
P	+++
Random RR	1.33
RRl	1.18
RRu	1.50
P	+++
Asymm P	N.S.

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

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

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

Table 89
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Adenocarcinoma - both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
8	GARFI2	5	f	a	s	a	e	-	2	0	-	-	-	-	1.33	(0.80- 2.21)
10	WU	3	f	a	s	e	m	-	2	1	-	-	-	-	1.20	(0.50- 3.30)
13	BROWN1	2	f	a	t	a	e	-	4	3	-	-	-	-	1.68	(0.39- 6.90)
27	JANERI	6	c	w	s	a	e	-	2	0	-	-	-	-	0.97	(0.79- 1.16)
32	BROWN2	6	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.80- 1.30)
33	STOCKW	5	f	a	s	a	e	-	7	3	-	-	-	-	1.30	(0.60- 2.70)
36	FONTHA	8	f	a	s	a	a	-	2	8	-	-	-	-	1.28	(1.01- 1.62)
Partial Totals											0	0	0	0		

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
12	LEE	16	m	c	s	c	m	-	2	1	-	-	-	-	2.70	(0.24- 30.57)
12	LEE	8	f	c	s	c	m	-	2	1	-	-	-	-	0.41	(0.07- 2.40)
Subtotal 12																
18	PERSHA	4	f	c	s	a	m	-	2	2	-	-	-	-	0.80	(0.40- 1.50)
28	KALAND	5	f	a	s	a	m	-	2	4	-	-	-	-	2.04	(0.98- 4.24)
47	BOFFET	25	c	a	s	a	e	-	2	2	-	-	-	-	1.08	(0.82- 1.42)
49	ZARIDZ	8	f	a	s	a	e	-	2	2	-	-	-	-	1.52	(0.96- 2.39)
50	BOFFE2	12	c	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.50- 1.80)
64	ZATLOU	4	f	a	t	a	a	-	2	3	-	-	-	-	0.36	(0.11- 1.22)
Partial Totals											0	0	0	0		

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09- 3.72)
16	KOO	9	f	w	t	e	e	-	2	4	-	-	-	-	1.61	(0.61- 4.29)
17	LAMT	7	f	a	s	a	m	-	2	0	78	64	53	92	2.12	(1.32- 3.39)
41	SUN	4	f	a	b	a	e	a	2	2	-	-	-	-	2.86	(1.69- 4.84)
45	ZHENG	10	f	a	h	a	e	a	2	0	38	108	5	33	2.32	(0.85- 6.38)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31- 1.78)
52	RAPITI	31	c	a	s	a	e	-	2	3	-	-	-	-	1.00	(0.30- 3.20)
54	ZHONG	4	f	a	s	a	e	-	2	7	-	-	-	-	1.10	(0.80- 1.50)
*81	KURAHA	12	f	a	s	c	e	-	2	5	-	-	-	-	1.83	(0.98- 3.40)
85	TSE	28	m	a	h	a	a	a	2	9	-	-	-	-	1.18	(0.71- 1.98)
88	JIANG	3	c	a	t	a	e	-	2	1	-	-	-	-	4.33	(1.98- 9.49)
96	MASJED	21	c	a	t	a	e	-	2	0	22	94	19	195	2.40	(1.24- 4.65)
98	SEKI	8	m	a	s	c	e	-	2	7	-	-	-	-	1.30	(0.27- 6.14)
98	SEKI	23	f	a	s	c	e	-	2	7	-	-	-	-	1.44	(1.06- 1.95)
Subtotal 98																
Partial Totals											231	389	114	411		

*prospective study

Other

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
100	ILCCO	17	c	a	h	a	a	a	2	3	-	-	-	-	1.22	(1.08- 1.39)
Partial Totals											0	0	0	0		

*prospective study

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

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

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

Table 90
ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
Adenocarcinoma - both sexes
By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
8	GARFI2	5	f	a	s	a	e	-	2	0	-	-	-	-	1.33	(0.80- 2.21)
10	WU	2	f	a	s	e	m	-	2	0	19	33	9	22	1.41	(0.54- 3.67)
13	BROWN1	1	f	a	t	a	e	-	4	0	4	7	15	40	1.52	(0.39- 5.96)
27	JANERI	6	c	w	s	a	e	-	2	0	-	-	-	-	0.97	(0.79- 1.16)
32	BROWN2	6	f	a	s	a	a	-	2	2	-	-	-	-	1.00	(0.80- 1.30)
33	STOCKW	5	f	a	s	a	e	-	7	3	-	-	-	-	1.30	(0.60- 2.70)
36	FONTHA	7	f	a	s	a	a	-	2	0	334	766	162	487	1.31	(1.05- 1.63)
Partial Totals											357	806	186	549		

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
12	LEE	19	m	c	s	c	m	-	2	0	3	14	1	16	3.43	(0.32- 36.83)
12	LEE	20	f	c	s	c	m	-	2	0	4	45	5	21	0.37	(0.09- 1.53)
Subtotal 12																
18	PERSHA	4	f	c	s	a	m	-	2	2	-	-	-	-	0.80	(0.40- 1.50)
28	KALAND	5	f	a	s	a	m	-	2	4	-	-	-	-	2.04	(0.98- 4.24)
47	BOFFET	24	c	a	s	a	e	-	2	0	174	700	159	838	1.31	(1.03- 1.66)
49	ZARIDZ	7	f	a	s	a	e	-	2	0	60	163	46	195	1.56	(1.01- 2.42)
50	BOFFE2	11	c	a	s	a	a	-	2	0	33	75	37	103	1.22	(0.70- 2.14)
64	ZATLOU	1	f	a	t	a	a	-	2	0	3	155	47	734	0.30	(0.09- 0.98)
Partial Totals											277	1152	295	1907		

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
9	LAMW	1	f	a	s	a	e	-	2	0	37	64	23	80	2.01	(1.09- 3.72)
16	KOO	5	f	w	t	e	e	-	2	0	34	97	12	40	1.17	(0.55- 2.48)
17	LAMT	7	f	a	s	a	m	-	2	0	78	64	53	92	2.12	(1.32- 3.39)
41	SUN	4	f	a	b	a	e	a	2	2	-	-	-	-	2.86	(1.69- 4.84)
45	ZHENG	10	f	a	h	a	e	a	2	0	38	108	5	33	2.32	(0.85- 6.38)
48	SHEN	1	f	a	t	a	y	-	2	0	56	59	14	11	0.75	(0.31- 1.78)
52	RAPITI	31	c	a	s	a	e	-	2	3	-	-	-	-	1.00	(0.30- 3.20)
54	ZHONG	3	f	a	s	a	e	-	2	0	187	377	109	224	1.02	(0.76- 1.36)
*81	KURAHA	11	f	a	s	c	e	-	2	0	67	280213	15	97392	1.55	(0.89- 2.72)
85	TSE	19	m	a	h	a	a	a	2	0	38	194	51	342	1.31	(0.83- 2.07)
88	JIANG	7	c	a	t	a	e	-	2	0	38	18	19	39	4.33	(1.98- 9.49)
96	MASJED	21	c	a	t	a	e	-	2	0	22	94	19	195	2.40	(1.24- 4.65)
98	SEKI	6	m	a	s	c	e	-	2	0	2	22	47	578	1.12	(0.26- 4.90)
98	SEKI	19	f	a	s	c	e	-	2	0	161	1170	75	640	1.17	(0.88- 1.57)
Subtotal 98																
Partial Totals											758	282480	442	99666		

*prospective study

Other

StN	Ref	NRR	SEX	TYP	EXP	MAR	TIM	HOU	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
											Case	Cont	Case	Cont		
100	ILCCO	12	c	a	h	a	a	a	2	0	791	3366	637	3575	1.32	(1.18- 1.48)
Totals											791	3366	637	3575		

*prospective study

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

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

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

Table 90
 ETS and Lung Cancer - Meta-Analysis of Spouse Exposure (or nearest equivalent), 14-NOV-14
 Adenocarcinoma - both sexes
 By continent - unadjusted

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	7	8	14	1	30
NS	7	7	13	1	28
Wt	277.07	122.12	198.85	293.18	891.21
Het Chi	5.89	13.66	31.55	0.00	60.39
Het df	6	7	13	0	29
Het P	N.S.	(*)	**	N.S.	***
Fixed RR	1.10	1.26	1.44	1.32	1.27
RRl	0.98	1.06	1.26	1.18	1.18
RRu	1.24	1.51	1.66	1.48	1.35
P	N.S.	++	+++	+++	+++
Random RR	1.10	1.17	1.60	1.32	1.33
RRl	0.98	0.85	1.26	1.18	1.18
RRu	1.24	1.61	2.04	1.48	1.50
P	N.S.	N.S.	+++	+++	+++
Asymm P	N.S.	N.S.	N.S.		N.S.
Between Chi		1.62	8.46	4.63	9.28
Between df		1	1	1	3
Between P		N.S.	++	+	*

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

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

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

Table 91
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 14-NOV-14
 Workers only, if available - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	WOR	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
									Case	Cont	Case	Cont				
7	KABAT1	1	m	t	a	c	2	0	18	11	7	14	3.27	(1.01-	10.62)	
7	KABAT1	2	f	t	a	c	2	0	26	31	27	22	0.68	(0.32-	1.47)	
Subtotal 7														1.09	(0.57-	2.07)
8	GARFI2	1	f	t	a	z	1	0	34	118	42	135	0.93	(0.55-	1.55)	
10	WU	1	f	a	a	e	2	1	-	-	-	-	1.30	(0.50-	3.30)	
12	LEE	1	m	t	w	c	2	0	7	58	3	40	1.61	(0.39-	6.60)	
12	LEE	2	f	t	w	c	2	0	3	45	12	113	0.63	(0.17-	2.33)	
Subtotal 12														0.97	(0.37-	2.54)
16	KOO	1	f	t	a	e	2	0	9	12	79	125	1.19	(0.48-	2.95)	
22	SHIMIZ	1	f	t	a	e	2	0	35	57	55	106	1.18	(0.70-	2.01)	
27	JANERI	1	c	t	a	e	2	0	-	-	-	-	0.91	(0.61-	1.35)	
28	KALAND	1	f	t	w	e	4	0	13	10	52	68	1.70	(0.69-	4.18)	
30	WU-WIL	2	f	t	a	e	2	5	-	-	-	-	1.06	(0.80-	1.40)	
32	BROWN2	1	f	t	w	e	2	2	-	-	-	-	0.98	(0.74-	1.31)	
36	FONTHA	4	f	t	w	a	2	10	-	-	-	-	1.56	(1.21-	2.02)	
39	KABAT2	1	m	t	a	e	2	0	23	65	18	52	1.02	(0.50-	2.09)	
39	KABAT2	2	f	t	w	e	2	0	35	85	23	64	1.15	(0.62-	2.13)	
Subtotal 39														1.09	(0.68-	1.74)
40	SCHWAR	2	c	t	a	e	2	2	-	-	-	-	1.50	(1.00-	2.20)	
41	SUN	1	f	t	a	e	1	2	-	-	-	-	1.38	(0.94-	2.04)	
43	WANGT	1	f	t	a	e	2	0	113	115	22	20	0.89	(0.46-	1.73)	
*44	CARDEN	1	m	t	a	e	2	7	-	-	-	-	1.09	(0.62-	1.91)	
*44	CARDEN	2	f	t	a	e	2	7	-	-	-	-	1.00	(0.65-	1.54)	
Subtotal 44														1.03	(0.73-	1.45)
47	BOFFET	2	m	t	a	e	2	2	-	-	-	-	1.13	(0.68-	1.86)	
47	BOFFET	4	f	t	a	e	2	2	-	-	-	-	1.19	(0.94-	1.51)	
Subtotal 47														1.18	(0.95-	1.46)
49	ZARIDZ	2	f	t	a	e	2	2	-	-	-	-	0.88	(0.55-	1.41)	
50	BOFFE2	28	c	a	a	e	2	2	-	-	-	-	1.50	(0.80-	3.00)	
52	RAPITI	27	c	t	a	e	2	3	-	-	-	-	1.10	(0.30-	4.10)	
54	ZHONG	14	f	t	a	e	2	7	-	-	-	-	1.70	(1.30-	2.30)	
55	LEECH	14	f	t	a	a	2	7	-	-	-	-	0.91	(0.52-	1.62)	
57	WANGL	47	c	t	a	e	2	6	-	-	-	-	1.56	(0.70-	3.30)	
58	JOHNSO	10	f	t	a	e	2	4	-	-	-	-	1.36	(0.80-	2.31)	
61	OHNO	16	f	t	a	e	2	2	-	-	-	-	1.38	(0.92-	2.05)	
65	IARCKR	5	m	t	a	e	2	0	-	-	-	-	0.50	(0.20-	1.30)	
65	IARCKR	7	f	t	a	e	2	2	-	-	-	-	1.40	(0.80-	2.20)	
Subtotal 65														1.11	(0.71-	1.73)
*67	EPICA	8	c	t	a	c	2	7	-	-	-	-	1.28	(0.67-	2.40)	
70	GORLOV	3	m	t	a	e	4	4	-	-	-	-	1.58	(0.67-	3.70)	
70	GORLOV	4	f	t	a	e	4	4	-	-	-	-	1.95	(1.05-	3.62)	
Subtotal 70														1.81	(1.10-	2.99)
72	RYLAND	5	c	t	a	f	2	3	-	-	-	-	2.26	(0.93-	5.48)	
*73	WEN	7	f	t	a	e	2	9	-	-	-	-	1.79	(1.09-	2.93)	
79	ASOMAN	2	c	t	a	e	2	0	85	266	53	200	1.21	(0.82-	1.78)	
*81	KURAHA	30	f	t	a	e	2	5	-	-	-	-	1.32	(0.85-	2.04)	
85	TSE	44	m	t	a	a	2	9	-	-	-	-	1.15	(0.74-	1.77)	
87	BRENNE	14	c	t	a	e	2	0	69	179	82	267	1.26	(0.87-	1.82)	
95	GELAC	12	m	t	a	e	2	3	-	-	-	-	1.16	(0.83-	1.63)	
95	GELAC	28	f	t	a	e	2	3	-	-	-	-	1.47	(1.18-	1.83)	
Subtotal 95														1.37	(1.14-	1.65)
96	MASJED	9	m	t	a	e	2	0	3	13	23	157	1.58	(0.42-	5.95)	
96	MASJED	10	f	t	a	e	2	0	1	0	54	119	6.58	(0.26-	164.08)	
Subtotal 96														1.94	(0.57-	6.63)
100	ILCCO	26	c	t	a	a	2	3	-	-	-	-	1.10	(0.99-	1.22)	
Partial Totals									474	1065	552	1502				
*prospective study														~ With 0.5 adjustment for zero		

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

- 1) WOR : w, a
- 2) TYP : t, g, other
- 3) TIM : e, a, z, y, w, f, v, c, other
- 4) UNX : 2, 1, 4, 3, other

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

Table 91
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 14-NOV-14
 Workers only, if available - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	WOR	TIM	UNX	ADJ	Ys	Ws	Qs	Ps
7	KABAT1	1	m	t	a	c	2	0	1.19	2.77	2.76	0.0484
7	KABAT1	2	f	t	a	c	2	0	-0.38	6.53	2.11	0.3308
Subtotal 7												
8	GARFI2	1	f	t	a	z	1	0	-0.08	14.47	1.01	0.7704
10	WU	1	f	a	a	e	2	1	0.26	4.31	0.02	0.5858
12	LEE	1	m	t	w	c	2	0	0.48	1.93	0.16	0.5088
12	LEE	2	f	t	w	c	2	0	-0.47	2.23	0.95	0.4866
Subtotal 12												
16	KOO	1	f	t	a	e	2	0	0.17	4.65	0.00	0.7121
22	SHIMIZ	1	f	t	a	e	2	0	0.17	13.56	0.01	0.5351
27	JANERI	1	c	t	a	e	2	0	-0.09	24.35	1.94	0.6417
28	KALAND	1	f	t	w	e	4	0	0.53	4.74	0.56	0.2479
30	WU-WIL	2	f	t	a	e	2	5	0.06	49.07	0.83	0.6832
32	BROWN2	1	f	t	w	e	2	2	-0.02	47.11	2.04	0.8897
36	FONTHA	4	f	t	w	a	2	10	0.44	58.51	3.85	0.0007
39	KABAT2	1	m	t	a	e	2	0	0.02	7.48	0.21	0.9521
39	KABAT2	2	f	t	w	e	2	0	0.14	10.06	0.03	0.6661
Subtotal 39												
40	SCHWAR	2	c	t	a	e	2	2	0.41	24.72	1.17	0.0438
41	SUN	1	f	t	a	e	1	2	0.32	25.59	0.46	0.1032
43	WANGT	1	f	t	a	e	2	0	-0.11	8.85	0.80	0.7371
*44	CARDEN	1	m	t	a	e	2	7	0.09	12.14	0.13	0.7640
*44	CARDEN	2	f	t	a	e	2	7	0.00	20.65	0.73	1.0000
Subtotal 44												
47	BOFFET	2	m	t	a	e	2	2	0.12	15.18	0.07	0.6340
47	BOFFET	4	f	t	a	e	2	2	0.17	68.40	0.01	0.1503
Subtotal 47												
49	ZARIDZ	2	f	t	a	e	2	2	-0.13	17.34	1.73	0.5945
50	BOFFE2	28	c	a	a	e	2	2	0.41	8.80	0.42	0.2292
52	RAPITI	27	c	t	a	e	2	3	0.10	2.25	0.02	0.8864
54	ZHONG	14	f	t	a	e	2	7	0.53	47.20	5.54	0.0003
55	LEECH	14	f	t	a	a	2	7	-0.09	11.90	0.95	0.7449
57	WANGL	47	c	t	a	e	2	6	0.44	6.39	0.42	0.2609
58	JOHNSO	10	f	t	a	e	2	4	0.31	13.67	0.20	0.2557
61	OHNO	16	f	t	a	e	2	2	0.32	23.94	0.43	0.1151
65	IARCKR	5	m	t	a	e	2	0	-0.69	4.39	3.41	0.1466
65	IARCKR	7	f	t	a	e	2	2	0.34	15.02	0.33	0.1923
Subtotal 65												
*67	EPICA	8	c	t	a	c	2	7	0.25	9.44	0.03	0.4482
70	GORLOV	3	m	t	a	e	4	4	0.46	5.26	0.38	0.2940
70	GORLOV	4	f	t	a	e	4	4	0.67	10.03	2.31	0.0344
Subtotal 70												
72	RYLAND	5	c	t	a	f	2	3	0.82	4.88	1.92	0.0715
*73	WEN	7	f	t	a	e	2	9	0.58	15.72	2.44	0.0210
79	ASOMAN	2	c	t	a	e	2	0	0.19	25.39	0.00	0.3456
*81	KURAHA	30	f	t	a	e	2	5	0.28	20.05	0.16	0.2138
85	TSE	44	m	t	a	a	2	9	0.14	20.20	0.05	0.5299
87	BRENNE	14	c	t	a	e	2	0	0.23	27.76	0.04	0.2312
95	GELAC	12	m	t	a	e	2	3	0.15	33.73	0.05	0.3887
95	GELAC	28	f	t	a	e	2	3	0.39	79.80	3.11	0.0006
Subtotal 95												
96	MASJED	9	m	t	a	e	2	0	0.31	113.54	3.16	
96	MASJED	10	f	t	a	e	2	0	0.45	2.17	0.15	0.5029
Subtotal 96												
100	ILCCO	26	c	t	a	a	2	3	1.88	0.37	1.07	0.2510
Subtotal 100												
Overall												
0.66 2.54 1.22 0.0737												

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

- 1) WOR : w, a
- 2) TYP : t, g, other
- 3) TIM : e, a, z, y, w, f, v, c, other
- 4) UNX : 2, 1, 4, 3, other

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Table 91
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 14-NOV-14
 Workers only, if available - both sexes
 Overall analysis - adjusted

Relative risks

	N	46
	NS	37
	Wt	1185.09
Het	Chi	48.03
Het	df	45
Het	P	N.S.
Fixed	RR	1.21
	RRl	1.14
	RRu	1.28
	P	+++
Random	RR	1.22
	RRl	1.15
	RRu	1.30
	P	+++
Asymm	P	N.S.

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

- | | |
|----------------------|--|
| 1) WOR : w, a | 3) TIM : e, a, z, y, w, f, v, c, other |
| 2) TYP : t, g, other | 4) UNX : 2, 1, 4, 3, other |

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

Table 92
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 14-NOV-14
 Workers only, if available - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	WOR	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
									Case	Cont	Case	Cont				
7	KABAT1	1	m	t	a	c	2	0	18	11	7	14	3.27	(1.01-	10.62)	
7	KABAT1	2	f	t	a	c	2	0	26	31	27	22	0.68	(0.32-	1.47)	
Subtotal 7														1.09	(0.57-	2.07)
8	GARFI2	1	f	t	a	z	1	0	34	118	42	135	0.93	(0.55-	1.55)	
10	WU	1	f	a	a	e	2	1	-	-	-	-	1.30	(0.50-	3.30)	
12	LEE	1	m	t	w	c	2	0	7	58	3	40	1.61	(0.39-	6.60)	
12	LEE	2	f	t	w	c	2	0	3	45	12	113	0.63	(0.17-	2.33)	
Subtotal 12														0.97	(0.37-	2.54)
16	KOO	1	f	t	a	e	2	0	9	12	79	125	1.19	(0.48-	2.95)	
22	SHIMIZ	1	f	t	a	e	2	0	35	57	55	106	1.18	(0.70-	2.01)	
27	JANERI	1	c	t	a	e	2	0	-	-	-	-	0.91	(0.61-	1.35)	
28	KALAND	1	f	t	w	e	4	0	13	10	52	68	1.70	(0.69-	4.18)	
30	WU-WIL	1	f	t	a	e	2	0	228	301	187	301	1.22	(0.95-	1.57)	
32	BROWN2	2	f	t	w	e	2	0	119	445	151	560	0.99	(0.76-	1.30)	
36	FONTHA	3	f	t	w	a	2	0	385	756	143	392	1.40	(1.11-	1.75)	
39	KABAT2	1	m	t	a	e	2	0	23	65	18	52	1.02	(0.50-	2.09)	
39	KABAT2	2	f	t	w	e	2	0	35	85	23	64	1.15	(0.62-	2.13)	
Subtotal 39														1.09	(0.68-	1.74)
40	SCHWAR	1	c	t	a	e	2	0	136	126	121	151	1.35	(0.96-	1.89)	
41	SUN	1	f	t	a	e	1	2	-	-	-	-	1.38	(0.94-	2.04)	
43	WANGT	1	f	t	a	e	2	0	113	115	22	20	0.89	(0.46-	1.73)	
*44	CARDEN	1	m	t	a	e	2	7	-	-	-	-	1.09	(0.62-	1.91)	
*44	CARDEN	2	f	t	a	e	2	7	-	-	-	-	1.00	(0.65-	1.54)	
Subtotal 44														1.03	(0.73-	1.45)
47	BOFFET	1	m	t	a	e	2	0	105	379	36	152	1.17	(0.77-	1.79)	
47	BOFFET	3	f	t	a	e	2	0	269	476	240	535	1.26	(1.02-	1.56)	
Subtotal 47														1.24	(1.03-	1.50)
49	ZARIDZ	1	f	t	a	e	2	0	36	67	153	291	1.02	(0.65-	1.60)	
50	BOFFE2	27	c	a	a	e	2	0	38	97	31	81	1.02	(0.59-	1.79)	
52	RAPITI	27	c	t	a	e	2	3	-	-	-	-	1.10	(0.30-	4.10)	
54	ZHONG	13	f	t	a	e	2	0	136	127	368	474	1.38	(1.05-	1.82)	
55	LEECH	13	f	t	a	a	2	0	32	45	236	400	1.21	(0.75-	1.95)	
57	WANGL	47	c	t	a	e	2	6	-	-	-	-	1.56	(0.70-	3.30)	
58	JOHNSO	9	f	t	a	e	2	0	38	373	33	388	1.20	(0.74-	1.95)	
61	OHNO	15	f	t	a	e	2	0	126	194	65	135	1.35	(0.93-	1.96)	
65	IARCKR	5	m	t	a	e	2	0	-	-	-	-	0.50	(0.20-	1.30)	
65	IARCKR	6	f	t	a	e	2	0	-	-	-	-	1.10	(0.70-	1.70)	
Subtotal 65														0.95	(0.64-	1.42)
*67	EPICA	8	c	t	a	c	2	7	-	-	-	-	1.28	(0.67-	2.40)	
70	GORLOV	15	m	t	a	e	4	0	36	23	27	27	1.57	(0.74-	3.30)	
70	GORLOV	16	f	t	a	e	4	0	46	33	84	104	1.73	(1.01-	2.94)	
Subtotal 70														1.67	(1.08-	2.58)
72	RYLAND	4	c	t	a	f	2	1	-	-	-	-	2.45	(1.03-	5.84)	
*73	WEN	7	f	t	a	e	2	9	-	-	-	-	1.79	(1.09-	2.93)	
79	ASOMAN	2	c	t	a	e	2	0	85	266	53	200	1.21	(0.82-	1.78)	
*81	KURAHA	29	f	t	a	e	2	0	30	94652	77	279421	1.15	(0.75-	1.75)	
85	TSE	37	m	t	a	a	2	0	72	257	60	279	1.30	(0.89-	1.91)	
87	BRENNE	14	c	t	a	e	2	0	69	179	82	267	1.26	(0.87-	1.82)	
95	GELAC	5	m	t	a	e	2	0	160	150	159	169	1.13	(0.83-	1.55)	
95	GELAC	20	f	t	a	e	2	0	249	183	972	1038	1.45	(1.18-	1.79)	
Subtotal 95														1.34	(1.13-	1.60)
96	MASJED	9	m	t	a	e	2	0	3	13	23	157	1.58	(0.42-	5.95)	
96	MASJED	10	f	t	a	e	2	0	1	0	54	119	6.58	(0.26-	164.08)	
Subtotal 96														1.94	(0.57-	6.63)
100	ILCCO	21	c	t	a	a	2	0	1012	3062	1277	3879	1.00	(0.91-	1.10)	
Partial Totals									3727	102811	4972	290279				
*prospective study									~ With 0.5 adjustment for zero							

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

- 1) WOR : w, a
- 2) TYP : t, g, other
- 3) TIM : e, a, z, y, w, f, v, c, other
- 4) UNX : 2, 1, 4, 3, other

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Table 92
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 14-NOV-14
 Workers only, if available - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	WOR	TIM	UNX	ADJ	Ys	Ws	Qs	Ps
7	KABAT1	1	m	t	a	c	2	0	1.19	2.77	2.98	0.0484
7	KABAT1	2	f	t	a	c	2	0	-0.38	6.53	1.83	0.3308
Subtotal 7									0.09	9.30	4.81	
8	GARFI2	1	f	t	a	z	1	0	-0.08	14.47	0.74	0.7704
10	WU	1	f	a	a	e	2	1	0.26	4.31	0.06	0.5858
12	LEE	1	m	t	w	c	2	0	0.48	1.93	0.21	0.5088
12	LEE	2	f	t	w	c	2	0	-0.47	2.23	0.84	0.4866
Subtotal 12									-0.03	4.16	1.05	
16	KOO	1	f	t	a	e	2	0	0.17	4.65	0.00	0.7121
22	SHIMIZ	1	f	t	a	e	2	0	0.17	13.56	0.01	0.5351
27	JANERI	1	c	t	a	e	2	0	-0.09	24.35	1.44	0.6417
28	KALAND	1	f	t	w	e	4	0	0.53	4.74	0.69	0.2479
30	WU-WIL	1	f	t	a	e	2	0	0.20	61.06	0.15	0.1214
32	BROWN2	2	f	t	w	e	2	0	-0.01	52.47	1.30	0.9521
36	FONTHA	3	f	t	w	a	2	0	0.33	74.27	2.53	0.0040
39	KABAT2	1	m	t	a	e	2	0	0.02	7.48	0.12	0.9521
39	KABAT2	2	f	t	w	e	2	0	0.14	10.06	0.00	0.6661
Subtotal 39									0.09	17.54	0.12	
40	SCHWAR	1	c	t	a	e	2	0	0.30	33.14	0.73	0.0864
41	SUN	1	f	t	a	e	1	2	0.32	25.59	0.77	0.1032
43	WANGT	1	f	t	a	e	2	0	-0.11	8.85	0.61	0.7371
*44	CARDEN	1	m	t	a	e	2	7	0.09	12.14	0.05	0.7640
*44	CARDEN	2	f	t	a	e	2	7	0.00	20.65	0.46	1.0000
Subtotal 44									0.03	32.79	0.51	
47	BOFFET	1	m	t	a	e	2	0	0.16	21.50	0.00	0.4673
47	BOFFET	3	f	t	a	e	2	0	0.23	84.36	0.56	0.0339
Subtotal 47									0.22	105.86	0.57	
49	ZARIDZ	1	f	t	a	e	2	0	0.02	18.98	0.31	0.9246
50	BOFFE2	27	c	a	a	e	2	0	0.02	12.31	0.19	0.9347
52	RAPITI	27	c	t	a	e	2	3	0.10	2.25	0.01	0.8864
54	ZHONG	13	f	t	a	e	2	0	0.32	49.87	1.48	0.0232
55	LEECH	13	f	t	a	a	2	0	0.19	16.61	0.02	0.4467
57	WANGL	47	c	t	a	e	2	6	0.44	6.39	0.56	0.2609
58	JOHNSO	9	f	t	a	e	2	0	0.18	16.16	0.02	0.4681
61	OHNO	15	f	t	a	e	2	0	0.30	27.87	0.63	0.1141
65	IARCKR	5	m	t	a	e	2	0	-0.69	4.39	3.11	0.1466
65	IARCKR	6	f	t	a	e	2	0	0.10	19.52	0.06	0.6737
Subtotal 65									-0.05	23.90	3.17	
*67	EPICA	8	c	t	a	c	2	7	0.25	9.44	0.09	0.4482
70	GORLOV	15	m	t	a	e	4	0	0.45	6.88	0.61	0.2399
70	GORLOV	16	f	t	a	e	4	0	0.55	13.59	2.14	0.0442
Subtotal 70									0.51	20.47	2.75	
72	RYLAND	4	c	t	a	f	2	1	0.90	5.10	2.85	0.0429
*73	WEN	7	f	t	a	e	2	9	0.58	15.72	2.95	0.0210
79	ASOMAN	2	c	t	a	e	2	0	0.19	25.39	0.04	0.3456
*81	KURAHA	29	f	t	a	e	2	0	0.14	21.60	0.00	0.5156
85	TSE	37	m	t	a	a	2	0	0.26	26.29	0.35	0.1751
87	BRENNE	14	c	t	a	e	2	0	0.23	27.76	0.17	0.2312
95	GELAC	5	m	t	a	e	2	0	0.13	39.80	0.02	0.4284
95	GELAC	20	f	t	a	e	2	0	0.37	87.16	4.39	0.0005
Subtotal 95									0.30	126.97	4.42	
96	MASJED	9	m	t	a	e	2	0	0.45	2.17	0.20	0.5029
96	MASJED	10	f	t	a	e	2	0	1.88	0.37	1.12	0.2510
Subtotal 96									0.66	2.54	1.32	
100	ILCCO	21	c	t	a	a	2	0	0.00	424.52	8.95	0.9356

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

- 1) WOR : w, a
- 2) TYP : t, g, other
- 3) TIM : e, a, z, y, w, f, v, c, other
- 4) UNX : 2, 1, 4, 3, other

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

Table 92
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 14-NOV-14
 Workers only, if available - both sexes
 Overall analysis - unadjusted

Relative risks

	N	46
	NS	37
	Wt	1371.25
	Het Chi	46.34
	Het df	45
	Het P	N.S.
Fixed	RR	1.16
	RRl	1.10
	RRu	1.22
	P	+++
Random	RR	1.18
	RRl	1.11
	RRu	1.24
	P	+++
Asymm	P	*

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

- | | |
|----------------------|--|
| 1) WOR : w, a | 3) TIM : e, a, z, y, w, f, v, c, other |
| 2) TYP : t, g, other | 4) UNX : 2, 1, 4, 3, other |

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

Table 93
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 14-NOV-14
 Workers only, if available - both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	WOR	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
7	KABAT1	1	m	t	a	c	2	0	18	11	7	14	3.27	(1.01- 10.62)
7	KABAT1	2	f	t	a	c	2	0	26	31	27	22	0.68	(0.32- 1.47)
Subtotal 7														
8	GARFI2	1	f	t	a	z	1	0	34	118	42	135	0.93	(0.55- 1.55)
10	WU	1	f	a	a	e	2	1	-	-	-	-	1.30	(0.50- 3.30)
27	JANERI	1	c	t	a	e	2	0	-	-	-	-	0.91	(0.61- 1.35)
32	BROWN2	1	f	t	w	e	2	2	-	-	-	-	0.98	(0.74- 1.31)
36	FONTHA	4	f	t	w	a	2	10	-	-	-	-	1.56	(1.21- 2.02)
39	KABAT2	1	m	t	a	e	2	0	23	65	18	52	1.02	(0.50- 2.09)
39	KABAT2	2	f	t	w	e	2	0	35	85	23	64	1.15	(0.62- 2.13)
Subtotal 39														
40	SCHWAR	2	c	t	a	e	2	2	-	-	-	-	1.50	(1.00- 2.20)
*44	CARDEN	1	m	t	a	e	2	7	-	-	-	-	1.09	(0.62- 1.91)
*44	CARDEN	2	f	t	a	e	2	7	-	-	-	-	1.00	(0.65- 1.54)
Subtotal 44														
58	JOHNSO	10	f	t	a	e	2	4	-	-	-	-	1.36	(0.80- 2.31)
70	GORLOV	3	m	t	a	e	4	4	-	-	-	-	1.58	(0.67- 3.70)
70	GORLOV	4	f	t	a	e	4	4	-	-	-	-	1.95	(1.05- 3.62)
Subtotal 70														
79	ASOMAN	2	c	t	a	e	2	0	85	266	53	200	1.21	(0.82- 1.78)
87	BRENNE	14	c	t	a	e	2	0	69	179	82	267	1.26	(0.87- 1.82)
Partial Totals									290	755	252	754		

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	WOR	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
12	LEE	1	m	t	w	c	2	0	7	58	3	40	1.61	(0.39- 6.60)
12	LEE	2	f	t	w	c	2	0	3	45	12	113	0.63	(0.17- 2.33)
Subtotal 12														
28	KALAND	1	f	t	w	e	4	0	13	10	52	68	1.70	(0.69- 4.18)
47	BOFFET	2	m	t	a	e	2	2	-	-	-	-	1.13	(0.68- 1.86)
47	BOFFET	4	f	t	a	e	2	2	-	-	-	-	1.19	(0.94- 1.51)
Subtotal 47														
49	ZARIDZ	2	f	t	a	e	2	2	-	-	-	-	0.88	(0.55- 1.41)
50	BOFFE2	28	c	a	a	e	2	2	-	-	-	-	1.50	(0.80- 3.00)
65	IARCKR	5	m	t	a	e	2	0	-	-	-	-	0.50	(0.20- 1.30)
65	IARCKR	7	f	t	a	e	2	2	-	-	-	-	1.40	(0.80- 2.20)
Subtotal 65														
*67	EPICA	8	c	t	a	c	2	7	-	-	-	-	1.28	(0.67- 2.40)
72	RYLAND	5	c	t	a	f	2	3	-	-	-	-	2.26	(0.93- 5.48)
Partial Totals									23	113	67	221		

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	WOR	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
16	KOO	1	f	t	a	e	2	0	9	12	79	125	1.19	(0.48- 2.95)
22	SHIMIZ	1	f	t	a	e	2	0	35	57	55	106	1.18	(0.70- 2.01)
30	WU-WIL	2	f	t	a	e	2	5	-	-	-	-	1.06	(0.80- 1.40)
41	SUN	1	f	t	a	e	1	2	-	-	-	-	1.38	(0.94- 2.04)
43	WANGT	1	f	t	a	e	2	0	113	115	22	20	0.89	(0.46- 1.73)
52	RAPITI	27	c	t	a	e	2	3	-	-	-	-	1.10	(0.30- 4.10)
54	ZHONG	14	f	t	a	e	2	7	-	-	-	-	1.70	(1.30- 2.30)
55	LEECH	14	f	t	a	a	2	7	-	-	-	-	0.91	(0.52- 1.62)
57	WANGL	47	c	t	a	e	2	6	-	-	-	-	1.56	(0.70- 3.30)
61	OHNO	16	f	t	a	e	2	2	-	-	-	-	1.38	(0.92- 2.05)
*73	WEN	7	f	t	a	e	2	9	-	-	-	-	1.79	(1.09- 2.93)
*81	KURAHA	30	f	t	a	e	2	5	-	-	-	-	1.32	(0.85- 2.04)
85	TSE	44	m	t	a	a	2	9	-	-	-	-	1.15	(0.74- 1.77)
95	GELAC	12	m	t	a	e	2	3	-	-	-	-	1.16	(0.83- 1.63)
95	GELAC	28	f	t	a	e	2	3	-	-	-	-	1.47	(1.18- 1.83)
Subtotal 95														
96	MASJED	9	m	t	a	e	2	0	3	13	23	157	1.58	(0.42- 5.95)
96	MASJED	10	f	t	a	e	2	0	1	0	54	119	6.58	(0.26- 164.08)
Subtotal 96														
Partial Totals									161	197	233	527		

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

- 1) WOR : w, a
- 2) TYP : t, g, other
- 3) TIM : e, a, z, y, w, f, v, c, other
- 4) UNX : 2, 1, 4, 3, other

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

Table 93
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 14-NOV-14
 Workers only, if available - both sexes
 By continent - adjusted

Asia										Number Exposed		Non-exposed		RR	95.00%CI ~ With 0.5 adjustment for zero
StN	Ref	NRR	SEX	TYP	WOR	TIM	UNX	ADJ	Case	Cont	Case	Cont			
*prospective study															
Other										Number Exposed		Non-exposed		RR	95.00%CI 1.10 (0.99- 1.22)
StN	Ref	NRR	SEX	TYP	WOR	TIM	UNX	ADJ	Case	Cont	Case	Cont			
100	ILCCO	26	c	t	a	a	2	3	-	-	-	-			
Partial Totals									0	0	0	0			
*prospective study															
			NAmerica		Europe		Asia	Other	Total						
Relative risks															
	N	17				11				1		46			
	NS	13				8				1		37			
	Wt	315.20			152.33		365.45		352.11			1185.09			
	Het Chi	18.93			9.53		13.29		0.00			48.03			
	Het df	16			10		16		0			45			
	Het P	N.S.			N.S.		N.S.		N.S.			N.S.			
Fixed	RR	1.21			1.18		1.33		1.10			1.21			
	RRl	1.09			1.01		1.20		0.99			1.14			
	RRu	1.35			1.39		1.47		1.22			1.28			
	P	+++			+		+++		(+)			+++			
Random	RR	1.21			1.18		1.33		1.10			1.22			
	RRl	1.06			1.01		1.20		0.99			1.15			
	RRu	1.37			1.39		1.47		1.22			1.30			
	P	++			+		+++		(+)			+++			
Asymm	P	N.S.			N.S.		N.S.					N.S.			
Between	Chi				0.05		1.35		1.56			6.27			
Between	df				1		1		1			3			
Between	P				N.S.		N.S.		N.S.			(*)			

 Within each study, results are selected according to the following order of preference:
 1) WOR : w, a
 2) TYP : t, g, other
 3) TIM : e, a, z, y, w, f, v, c, other
 4) UNX : 2, 1, 4, 3, other
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 94
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 14-NOV-14
 Workers only, if available - both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	WOR	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
7	KABAT1	1	m	t	a	c	2	0	18	11	7	14	3.27	(1.01- 10.62)
7	KABAT1	2	f	t	a	c	2	0	26	31	27	22	0.68	(0.32- 1.47)
Subtotal 7														
8	GARFI2	1	f	t	a	z	1	0	34	118	42	135	0.93	(0.55- 1.55)
10	WU	1	f	a	a	e	2	1	-	-	-	-	1.30	(0.50- 3.30)
27	JANERI	1	c	t	a	e	2	0	-	-	-	-	0.91	(0.61- 1.35)
32	BROWN2	2	f	t	w	e	2	0	119	445	151	560	0.99	(0.76- 1.30)
36	FONTHA	3	f	t	w	a	2	0	385	756	143	392	1.40	(1.11- 1.75)
39	KABAT2	1	m	t	a	e	2	0	23	65	18	52	1.02	(0.50- 2.09)
39	KABAT2	2	f	t	w	e	2	0	35	85	23	64	1.15	(0.62- 2.13)
Subtotal 39														
40	SCHWAR	1	c	t	a	e	2	0	136	126	121	151	1.35	(0.96- 1.89)
*44	CARDEN	1	m	t	a	e	2	7	-	-	-	-	1.09	(0.62- 1.91)
*44	CARDEN	2	f	t	a	e	2	7	-	-	-	-	1.00	(0.65- 1.54)
Subtotal 44														
58	JOHNSO	9	f	t	a	e	2	0	38	373	33	388	1.20	(0.74- 1.95)
70	GORLOV	15	m	t	a	e	4	0	36	23	27	27	1.57	(0.74- 3.30)
70	GORLOV	16	f	t	a	e	4	0	46	33	84	104	1.73	(1.01- 2.94)
Subtotal 70														
79	ASOMAN	2	c	t	a	e	2	0	85	266	53	200	1.21	(0.82- 1.78)
87	BRENNE	14	c	t	a	e	2	0	69	179	82	267	1.26	(0.87- 1.82)
Partial Totals									1050	2511	811	2376		

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	WOR	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
12	LEE	1	m	t	w	c	2	0	7	58	3	40	1.61	(0.39- 6.60)
12	LEE	2	f	t	w	c	2	0	3	45	12	113	0.63	(0.17- 2.33)
Subtotal 12														
28	KALAND	1	f	t	w	e	4	0	13	10	52	68	1.70	(0.69- 4.18)
47	BOFFET	1	m	t	a	e	2	0	105	379	36	152	1.17	(0.77- 1.79)
47	BOFFET	3	f	t	a	e	2	0	269	476	240	535	1.26	(1.02- 1.56)
Subtotal 47														
49	ZARIDZ	1	f	t	a	e	2	0	36	67	153	291	1.02	(0.65- 1.60)
50	BOFFE2	27	c	a	a	e	2	0	38	97	31	81	1.02	(0.59- 1.79)
65	IARCKR	5	m	t	a	e	2	0	-	-	-	-	0.50	(0.20- 1.30)
65	IARCKR	6	f	t	a	e	2	0	-	-	-	-	1.10	(0.70- 1.70)
Subtotal 65														
*67	EPICA	8	c	t	a	c	2	7	-	-	-	-	1.28	(0.67- 2.40)
72	RYLAND	4	c	t	a	f	2	1	-	-	-	-	2.45	(1.03- 5.84)
Partial Totals									471	1132	527	1280		

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	WOR	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
16	KOO	1	f	t	a	e	2	0	9	12	79	125	1.19	(0.48- 2.95)
22	SHIMIZ	1	f	t	a	e	2	0	35	57	55	106	1.18	(0.70- 2.01)
30	WU-WIL	1	f	t	a	e	2	0	228	301	187	301	1.22	(0.95- 1.57)
41	SUN	1	f	t	a	e	1	2	-	-	-	-	1.38	(0.94- 2.04)
43	WANGT	1	f	t	a	e	2	0	113	115	22	20	0.89	(0.46- 1.73)
52	RAPITI	27	c	t	a	e	2	3	-	-	-	-	1.10	(0.30- 4.10)
54	ZHONG	13	f	t	a	e	2	0	136	127	368	474	1.38	(1.05- 1.82)
55	LEECH	13	f	t	a	a	2	0	32	45	236	400	1.21	(0.75- 1.95)
57	WANGL	47	c	t	a	e	2	6	-	-	-	-	1.56	(0.70- 3.30)
61	OHNO	15	f	t	a	e	2	0	126	194	65	135	1.35	(0.93- 1.96)
*73	WEN	7	f	t	a	e	2	9	-	-	-	-	1.79	(1.09- 2.93)
*81	KURAHA	29	f	t	a	e	2	0	30	94652	77	279421	1.15	(0.75- 1.75)
85	TSE	37	m	t	a	a	2	0	72	257	60	279	1.30	(0.89- 1.91)
95	GELAC	5	m	t	a	e	2	0	160	150	159	169	1.13	(0.83- 1.55)
95	GELAC	20	f	t	a	e	2	0	249	183	972	1038	1.45	(1.18- 1.79)
Subtotal 95														
96	MASJED	9	m	t	a	e	2	0	3	13	23	157	1.58	(0.42- 5.95)
96	MASJED	10	f	t	a	e	2	0	1	0	54	119	6.58	(0.26- 164.08)
Subtotal 96														
Partial Totals									1194	96106	2357	282744		

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

- 1) WOR : w, a
- 2) TYP : t, g, other
- 3) TIM : e, a, z, y, w, f, v, c, other
- 4) UNX : 2, 1, 4, 3, other

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

Table 94
ETS and Lung Cancer - Meta-Analysis of Workplace Exposure, 14-NOV-14
 Workers only, if available - both sexes
 By continent - unadjusted

Asia										Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	WOR	TIM	UNX	ADJ	Case	Cont	Case	Cont			
*prospective study															
Other															
StN	Ref	NRR	SEX	TYP	WOR	TIM	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI	
100	ILCCO	21	c	t	a	a	2	0	1012	3062	1277	3879	1.00	(0.91- 1.10)	
Totals															
*prospective study															
			NAmerica		Europe	Asia	Other	Total							
Relative risks															
	N	17			11			17		1			46		
	NS	13			8			15		1			37		
	Wt	352.43			184.50			409.81		424.52			1371.25		
	Het Chi	15.06			8.82			7.11		0.00			46.34		
	Het df	16			10			16		0			45		
	Het P	N.S.			N.S.			N.S.		N.S.			N.S.		
	Fixed RR	1.18			1.19			1.31		1.00			1.16		
	RRl	1.07			1.03			1.19		0.91			1.10		
	RRu	1.32			1.37			1.45		1.10			1.22		
	P	++			+			+++		N.S.			+++		
	Random RR	1.18			1.19			1.31		1.00			1.18		
	RRl	1.07			1.03			1.19		0.91			1.11		
	RRu	1.32			1.37			1.45		1.10			1.24		
	P	++			+			+++		N.S.			+++		
	Asymm P	N.S.			N.S.			N.S.					*		
	Between Chi				0.00			1.97		5.29			15.35		
	Between df				1			1		1			3		
	Between P				N.S.			N.S.		-			**		

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

- 1) WOR : w, a
- 2) TYP : t, g, other
- 3) TIM : e, a, z, y, w, f, v, c, other
- 4) UNX : 2, 1, 4, 3, other

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

Table 95
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 14-NOV-14
 All household members, if available - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
8	GARFI2	9	f	t	a	2	0	-	-	-	-	0.91 (0.58- 1.42)	
10	WU	4	f	a	p	6	1	-	-	-	-	0.60 (0.20- 1.70)	
14	GAO	9	f	t	a	2	2	-	-	-	-	1.10 (0.70- 1.70)	
16	KOO	11	f	t	p	6	4	-	-	-	-	0.56 (0.21- 1.50)	
18	PERSHA	5	f	t	p	6	2	-	-	-	-	1.00 (0.40- 2.30)	
26	SVENSS	4	f	t	m	2	1	-	-	-	-	3.30 (0.50- 18.80)	
27	JANERI	13	c	t	a	2	3	-	-	-	-	1.33 (0.86- 2.06)	
29	SOBUE	4	f	t	m	6	3	-	-	-	-	1.28 (0.71- 2.31)	
32	BROWN2	10	f	t	a	2	2	-	-	-	-	0.80 (0.60- 1.10)	
33	STOCKW	6	f	t	b	7	3	-	-	-	-	1.66 (0.80- 3.44)	
36	FONTHA	18	f	t	a	2	8	-	-	-	-	0.89 (0.72- 1.10)	
39	KABAT2	9	m	t	a	2	0	25	76	15	41	0.90 (0.43- 1.89)	
39	KABAT2	10	f	t	a	2	0	47	106	22	81	1.63 (0.91- 2.92)	
Subtotal 39													
41	SUN	7	f	t	a	2	2	-	-	-	-	2.29 (1.56- 3.37)	
43	WANGT	3	f	t	a	2	0	80	83	55	52	0.91 (0.56- 1.48)	
47	BOFFET	28	m	t	a	2	2	-	-	-	-	0.79 (0.52- 1.21)	
47	BOFFET	30	f	t	a	2	2	-	-	-	-	0.77 (0.61- 0.98)	
Subtotal 47													
49	ZARIDZ	10	f	t	f	6	2	-	-	-	-	0.92 (0.64- 1.32)	
50	BOFFE2	2	c	a	p	2	2	-	-	-	-	0.60 (0.30- 1.20)	
52	RAPITI	22	m	t	a	2	3	-	-	-	-	1.09 (0.38- 3.18)	
52	RAPITI	16	f	t	a	2	3	-	-	-	-	12.00 (4.30- 32.00)	
Subtotal 52													
54	ZHONG	8	f	t	a	2	7	-	-	-	-	0.93 (0.72- 1.20)	
55	LEECH	16	f	t	a	2	7	-	-	-	-	2.10 (1.40- 3.14)	
57	WANGL	18	m	t	a	2	5	-	-	-	-	1.46 (0.60- 3.70)	
57	WANGL	20	f	t	a	2	5	-	-	-	-	1.51 (1.00- 2.20)	
Subtotal 57													
58	JOHNSO	4	f	t	a	2	4	-	-	-	-	1.38 (0.81- 2.34)	
61	OHNO	4	f	t	m	6	2	-	-	-	-	1.00 (0.51- 1.98)	
62	RACHTA	2	f	t	a	2	20	-	-	-	-	3.31 (1.26- 8.69)	
64	ZATLOU	12	f	g	a	2	3	-	-	-	-	1.61 (1.01- 2.57)	
65	IARCKR	8	m	t	p	2	0	-	-	-	-	0.97 (0.40- 2.30)	
65	IARCKR	9	f	t	p	2	0	-	-	-	-	0.90 (0.50- 1.40)	
Subtotal 65													
*73	WEN	12	f	t	e	2	9	-	-	-	-	0.88 (0.55- 1.43)	
*81	KURAHA	45	f	t	a	2	5	-	-	-	-	0.93 (0.52- 1.66)	
83	YANG	4	c	t	a	2	4	-	-	-	-	1.47 (1.00- 2.15)	
84	OLIVOM	2	c	h	a	2	4	-	-	-	-	2.25 (1.04- 4.90)	
86	LIANG	1	f	t	a	2	0	124	140	102	139	1.21 (0.85- 1.72)	
87	BRENNE	12	c	t	e	2	0	93	298	58	148	0.80 (0.54- 1.17)	
*89	EPICC	5	c	t	a	4	10	-	-	-	-	1.34 (0.80- 2.22)	
94	FERREC	2	c	t	a	2	3	-	-	-	-	1.57 (0.82- 3.02)	
100	ILCCO	76	c	t	a	2	3	-	-	-	-	1.08 (0.92- 1.26)	
Partial Totals								369	703	252	461		
*prospective study													

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	9	f	t	a	2	0	-0.09	19.17	0.57	0.6797
10	WU	4	f	a	p	6	1	-0.51	3.36	1.16	0.3494
14	GAO	9	f	t	a	2	2	0.10	19.52	0.01	0.6737
16	KOO	11	f	t	p	6	4	-0.58	3.98	1.72	0.2477
18	PERSHA	5	f	t	p	6	2	0.00	5.02	0.03	1.0000
26	SVENSS	4	f	t	m	2	1	1.19	1.17	1.45	0.1969
27	JANERI	13	c	t	a	2	3	0.29	20.14	0.86	0.2006
29	SOBUE	4	f	t	m	6	3	0.25	11.04	0.31	0.4121
32	BROWN2	10	f	t	a	2	2	-0.22	41.82	3.79	0.1490
33	STOCKW	6	f	t	b	7	3	0.51	7.22	1.33	0.1732
36	FONTHA	18	f	t	a	2	8	-0.12	85.55	3.24	0.2811
39	KABAT2	9	m	t	a	2	0	-0.11	6.93	0.24	0.7795
39	KABAT2	10	f	t	a	2	0	0.49	11.30	1.92	0.0995
Subtotal 39								0.26	18.23	2.15	
41	SUN	7	f	t	a	2	2	0.83	25.90	14.59	0.0000
43	WANGT	3	f	t	a	2	0	-0.09	16.14	0.47	0.7090
47	BOFFET	28	m	t	a	2	2	-0.24	21.54	2.12	0.2739

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

- 1) CHI : a, b/e, p, m, f, o, other 3) UNX : 6, 2, 7, 1, other
- 2) TYP : t, g, other

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

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

Table 95
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 14-NOV-14
 All household members, if available - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Ys	Ws	Qs	Ps
47	BOFFET	30	f	t	a	2	2	-0.26	68.36	7.87	0.0307
Subtotal 47								-0.26	89.91	9.99	
49	ZARIDZ	10	f	t	f	6	2	-0.08	29.32	0.76	0.6516
50	BOFFE2	2	c	a	p	2	2	-0.51	8.00	2.77	0.1486
52	RAPITI	22	m	t	a	2	3	0.09	3.40	0.00	0.8737
52	RAPITI	16	f	t	a	2	3	2.48	3.81	22.10	0.0000
Subtotal 52								1.35	7.22	22.10	
54	ZHONG	8	f	t	a	2	7	-0.07	58.89	1.33	0.5776
55	LEECH	16	f	t	a	2	7	0.74	23.55	10.38	0.0003
57	WANGL	18	m	t	a	2	5	0.38	4.64	0.42	0.4148
57	WANGL	20	f	t	a	2	5	0.41	24.72	2.76	0.0405
Subtotal 57								0.41	29.36	3.18	
58	JOHNSO	4	f	t	a	2	4	0.32	13.65	0.81	0.2340
61	OHNO	4	f	t	m	6	2	0.00	8.35	0.05	1.0000
62	RACHTA	2	f	t	a	2	20	1.20	4.12	5.16	0.0151
64	ZATLOU	12	f	g	a	2	3	0.48	17.62	2.79	0.0456
65	IARCKR	8	m	t	p	2	0	-0.03	5.02	0.06	0.9456
65	IARCKR	9	f	t	p	2	0	-0.11	14.49	0.49	0.6883
Subtotal 65								-0.09	19.52	0.55	
*73	WEN	12	f	t	e	2	9	-0.13	16.83	0.71	0.6000
*81	KURAHA	45	f	t	a	2	5	-0.07	11.40	0.26	0.8064
83	YANG	4	c	t	a	2	4	0.39	26.22	2.48	0.0485
84	OLIVOM	2	c	h	a	2	4	0.81	6.40	3.44	0.0403
86	LIANG	1	f	t	a	2	0	0.19	31.05	0.38	0.2945
87	BRENNE	12	c	t	e	2	0	-0.23	26.24	2.45	0.2434
*89	EPICC	5	c	t	a	4	10	0.29	14.75	0.68	0.2610
94	FERREC	2	c	t	a	2	3	0.45	9.04	1.26	0.1750
100	ILCCO	76	c	t	a	2	3	0.08	155.36	0.00	0.3374

Relative risks

N	40
NS	35
Wt	885.04
Het Chi	103.23
Het df	39
Het P	***
Fixed RR	1.08
RRl	1.01
RRu	1.15
P	+
Random RR	1.16
RRl	1.03
RRu	1.31
P	+
Asymm P	*

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

1) CHI : a, b/e, p, m, f, o, other 3) UNX : 6, 2, 7, 1, other

2) TYP : t, g, other

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

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

Table 96
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 14-NOV-14
 All household members, if available - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
8	GARFI2	9	f	t	a	2	0	-	-	-	-	0.91 (0.58- 1.42)	
10	WU	4	f	a	p	6	1	-	-	-	-	0.60 (0.20- 1.70)	
14	GAO	9	f	t	a	2	2	-	-	-	-	1.10 (0.70- 1.70)	
16	KOO	7	f	t	p	6	0	4	11	84	126	0.55 (0.17- 1.77)	
18	PERSHA	5	f	t	p	6	2	-	-	-	-	1.00 (0.40- 2.30)	
26	SVENSS	3	f	t	m	2	0	3	5	19	98	3.09 (0.68- 14.06)	
27	JANERI	8	c	t	a	2	0	134	123	57	68	1.30 (0.85- 2.00)	
29	SOBUE	3	f	t	m	6	0	17	63	127	668	1.42 (0.80- 2.51)	
32	BROWN2	9	f	t	a	2	0	108	364	323	802	0.74 (0.57- 0.95)	
33	STOCKW	6	f	t	b	7	3	-	-	-	-	1.66 (0.80- 3.44)	
36	FONTHA	17	f	t	a	2	0	377	808	229	430	0.88 (0.72- 1.07)	
39	KABAT2	9	m	t	a	2	0	25	76	15	41	0.90 (0.43- 1.89)	
39	KABAT2	10	f	t	a	2	0	47	106	22	81	1.63 (0.91- 2.92)	
Subtotal 39													
41	SUN	7	f	t	a	2	2	-	-	-	-	2.29 (1.56- 3.37)	
43	WANGT	3	f	t	a	2	0	80	83	55	52	0.91 (0.56- 1.48)	
47	BOFFET	5	m	t	a	2	0	75	321	65	201	0.72 (0.50- 1.05)	
47	BOFFET	29	f	t	a	2	0	314	700	187	295	0.71 (0.56- 0.89)	
Subtotal 47													
49	ZARIDZ	9	f	t	f	6	0	92	178	97	180	0.96 (0.67- 1.36)	
50	BOFFE2	1	c	a	p	2	0	33	110	32	55	0.52 (0.29- 0.92)	
52	RAPITI	21	m	t	a	2	0	1	14	16	42	0.19 (0.02- 1.54)	
52	RAPITI	15	f	t	a	2	0	30	16	11	51	8.69 (3.57- 21.18)	
Subtotal 52													
54	ZHONG	7	f	t	a	2	0	227	270	277	331	1.00 (0.79- 1.27)	
55	LEECH	15	f	t	a	2	0	117	127	151	318	1.94 (1.41- 2.66)	
57	WANGL	17	m	t	a	2	0	20	56	12	58	1.73 (0.77- 3.86)	
57	WANGL	19	f	t	a	2	0	132	247	64	160	1.34 (0.93- 1.91)	
Subtotal 57													
58	JOHNSO	3	f	t	a	2	0	48	467	23	294	1.31 (0.78- 2.21)	
61	OHNO	3	f	t	m	6	0	16	28	174	301	0.99 (0.52- 1.88)	
62	RACHTA	1	f	t	a	2	0	17	43	37	208	2.22 (1.15- 4.31)	
64	ZATLOU	9	f	g	a	2	0	46	394	38	495	1.52 (0.97- 2.38)	
65	IARCKR	8	m	t	p	2	0	-	-	-	-	0.97 (0.40- 2.30)	
65	IARCKR	9	f	t	p	2	0	-	-	-	-	0.90 (0.50- 1.40)	
Subtotal 65													
*73	WEN	12	f	t	e	2	9	-	-	-	-	0.88 (0.55- 1.43)	
*81	KURAHA	45	f	t	a	2	5	-	-	-	-	0.93 (0.52- 1.66)	
83	YANG	3	c	t	a	2	0	98	135	74	154	1.51 (1.03- 2.21)	
84	OLIVOM	1	c	h	a	2	0	28	61	17	73	1.97 (0.99- 3.94)	
86	LIANG	1	f	t	a	2	0	124	140	102	139	1.21 (0.85- 1.72)	
87	BRENNE	12	c	t	e	2	0	93	298	58	148	0.80 (0.54- 1.17)	
*89	EPICC	5	c	t	a	4	10	-	-	-	-	1.34 (0.80- 2.22)	
94	FERREC	1	c	t	a	2	0	20	64	39	178	1.43 (0.77- 2.63)	
100	ILCCO	71	c	t	a	2	0	563	1611	485	1081	0.78 (0.67- 0.90)	
Partial Totals								2889	6919	2890	7128		
*prospective study													

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	9	f	t	a	2	0	-0.09	19.17	0.17	0.6797
10	WU	4	f	a	p	6	1	-0.51	3.36	0.88	0.3494
14	GAO	9	f	t	a	2	2	0.10	19.52	0.18	0.6737
16	KOO	7	f	t	p	6	0	-0.61	2.77	1.02	0.3129
18	PERSHA	5	f	t	p	6	2	0.00	5.02	0.00	1.0000
26	SVENSS	3	f	t	m	2	0	1.13	1.68	2.14	0.1434
27	JANERI	8	c	t	a	2	0	0.26	20.90	1.43	0.2308
29	SOBUE	3	f	t	m	6	0	0.35	11.90	1.45	0.2271
32	BROWN2	9	f	t	a	2	0	-0.31	61.16	5.73	0.0169
33	STOCKW	6	f	t	b	7	3	0.51	7.22	1.85	0.1732
36	FONTHA	17	f	t	a	2	0	-0.13	94.50	1.66	0.1986
39	KABAT2	9	m	t	a	2	0	-0.11	6.93	0.08	0.7795
39	KABAT2	10	f	t	a	2	0	0.49	11.30	2.71	0.0995
Subtotal 39								0.26	18.23	2.79	
41	SUN	7	f	t	a	2	2	0.83	25.90	17.76	0.0000
43	WANGT	3	f	t	a	2	0	-0.09	16.14	0.14	0.7090
47	BOFFET	5	m	t	a	2	0	-0.33	27.17	2.88	0.0902

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

- 1) CHI : a, b/e, p, m, f, o, other 3) UNX : 6, 2, 7, 1, other
- 2) TYP : t, g, other

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

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

Table 96
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 14-NOV-14
 All household members, if available - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Ys	Ws	Qs	Ps
47	BOFFET	29	f	t	a	2	0	-0.35	74.90	8.98	0.0028
Subtotal 47								-0.34	102.07	11.86	
49	ZARIDZ	9	f	t	f	6	0	-0.04	30.91	0.06	0.8165
50	BOFFE2	1	c	a	p	2	0	-0.66	11.26	4.95	0.0263
52	RAPITI	21	m	t	a	2	0	-1.67	0.86	2.42	0.1198
52	RAPITI	15	f	t	a	2	0	2.16	4.85	22.65	0.0000
Subtotal 52								1.58	5.71	25.08	
54	ZHONG	7	f	t	a	2	0	0.00	67.84	0.00	0.9696
55	LEECH	15	f	t	a	2	0	0.66	38.19	16.75	0.0000
57	WANGL	17	m	t	a	2	0	0.55	5.94	1.77	0.1835
57	WANGL	19	f	t	a	2	0	0.29	29.85	2.50	0.1135
Subtotal 57								0.33	35.79	4.26	
58	JOHNSO	3	f	t	a	2	0	0.27	14.32	1.06	0.3017
61	OHNO	3	f	t	m	6	0	-0.01	9.32	0.00	0.9718
62	RACHTA	1	f	t	a	2	0	0.80	8.78	5.59	0.0180
64	ZATLOU	9	f	g	a	2	0	0.42	19.01	3.33	0.0676
65	IARCKR	8	m	t	p	2	0	-0.03	5.02	0.00	0.9456
65	IARCKR	9	f	t	p	2	0	-0.11	14.49	0.16	0.6883
Subtotal 65								-0.09	19.52	0.17	
*73	WEN	12	f	t	e	2	9	-0.13	16.83	0.28	0.6000
*81	KURAHA	45	f	t	a	2	5	-0.07	11.40	0.06	0.8064
83	YANG	3	c	t	a	2	0	0.41	26.58	4.51	0.0334
84	OLIVOM	1	c	h	a	2	0	0.68	8.02	3.69	0.0546
86	LIANG	1	f	t	a	2	0	0.19	31.05	1.09	0.2945
87	BRENNE	12	c	t	e	2	0	-0.23	26.24	1.37	0.2434
*89	EPICC	5	c	t	a	4	10	0.29	14.75	1.26	0.2610
94	FERREC	1	c	t	a	2	0	0.36	10.32	1.30	0.2540
100	ILCCO	71	c	t	a	2	0	-0.25	185.74	11.64	0.0007

Relative risks

	N	40
	NS	35
	Wt	1001.11
	Het Chi	135.51
	Het df	39
	Het P	***
Fixed	RR	1.00
	RRl	0.94
	RRu	1.06
	P	N.S.
Random	RR	1.13
	RRl	0.99
	RRu	1.29
	P	(+)
Asymm	P	**

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

- 1) CHI : a, b/e, p, m, f, o, other 3) UNX : 6, 2, 7, 1, other
 2) TYP : t, g, other

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

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

Table 97
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 14-NOV-14
 All household members, if available - both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
8	GARFI2	9	f	t	a	2	0	-	-	-	-	0.91 (0.58- 1.42)	
10	WU	4	f	a	p	6	1	-	-	-	-	0.60 (0.20- 1.70)	
27	JANERI	13	c	t	a	2	3	-	-	-	-	1.33 (0.86- 2.06)	
32	BROWN2	10	f	t	a	2	2	-	-	-	-	0.80 (0.60- 1.10)	
33	STOCKW	6	f	t	b	7	3	-	-	-	-	1.66 (0.80- 3.44)	
36	FONTHA	18	f	t	a	2	8	-	-	-	-	0.89 (0.72- 1.10)	
39	KABAT2	9	m	t	a	2	0	25	76	15	41	0.90 (0.43- 1.89)	
39	KABAT2	10	f	t	a	2	0	47	106	22	81	1.63 (0.91- 2.92)	
Subtotal 39													
58	JOHNSO	4	f	t	a	2	4	-	-	-	-	1.38 (0.82- 2.06)	
83	YANG	4	c	t	a	2	4	-	-	-	-	1.47 (1.00- 2.15)	
84	OLIVOM	2	c	h	a	2	4	-	-	-	-	2.25 (1.04- 4.90)	
87	BRENNE	12	c	t	e	2	0	93	298	58	148	0.80 (0.54- 1.17)	
Partial Totals								165	480	95	270		
*prospective study													

Europe

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
18	PERSHA	5	f	t	p	6	2	-	-	-	-	1.00 (0.40- 2.30)	
26	SVENSS	4	f	t	m	2	1	-	-	-	-	3.30 (0.50- 18.80)	
47	BOFFET	28	m	t	a	2	2	-	-	-	-	0.79 (0.52- 1.21)	
47	BOFFET	30	f	t	a	2	2	-	-	-	-	0.77 (0.61- 0.98)	
Subtotal 47													
49	ZARIDZ	10	f	t	f	6	2	-	-	-	-	0.92 (0.64- 1.32)	
50	BOFFE2	2	c	a	p	2	2	-	-	-	-	0.60 (0.30- 1.20)	
62	RACHTA	2	f	t	a	2	20	-	-	-	-	3.31 (1.26- 8.69)	
64	ZATLOU	12	f	g	a	2	3	-	-	-	-	1.61 (1.01- 2.57)	
65	IARCKR	8	m	t	p	2	0	-	-	-	-	0.97 (0.40- 2.30)	
65	IARCKR	9	f	t	p	2	0	-	-	-	-	0.90 (0.50- 1.40)	
Subtotal 65													
*89	EPICC	5	c	t	a	4	10	-	-	-	-	1.34 (0.80- 2.22)	
Partial Totals								0	0	0	0		
*prospective study													

Asia

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
14	GAO	9	f	t	a	2	2	-	-	-	-	1.10 (0.70- 1.70)	
16	KOO	11	f	t	p	6	4	-	-	-	-	0.56 (0.21- 1.50)	
29	SOBUE	4	f	t	m	6	3	-	-	-	-	1.28 (0.71- 2.31)	
41	SUN	7	f	t	a	2	2	-	-	-	-	2.29 (1.56- 3.37)	
43	WANGT	3	f	t	a	2	0	80	83	55	52	0.91 (0.56- 1.48)	
52	RAPITI	22	m	t	a	2	3	-	-	-	-	1.09 (0.38- 3.18)	
52	RAPITI	16	f	t	a	2	3	-	-	-	-	12.00 (4.30- 32.00)	
Subtotal 52													
54	ZHONG	8	f	t	a	2	7	-	-	-	-	0.93 (0.72- 1.20)	
55	LEECH	16	f	t	a	2	7	-	-	-	-	2.10 (1.40- 3.14)	
57	WANGL	18	m	t	a	2	5	-	-	-	-	1.46 (0.60- 3.70)	
57	WANGL	20	f	t	a	2	5	-	-	-	-	1.51 (1.00- 2.20)	
Subtotal 57													
61	OHNO	4	f	t	m	6	2	-	-	-	-	1.00 (0.51- 1.98)	
*73	WEN	12	f	t	e	2	9	-	-	-	-	0.88 (0.55- 1.43)	
*81	KURAHA	45	f	t	a	2	5	-	-	-	-	0.93 (0.52- 1.66)	
86	LIANG	1	f	t	a	2	0	124	140	102	139	1.21 (0.85- 1.72)	
Partial Totals								204	223	157	191		
*prospective study													

Other

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
94	FERREC	2	c	t	a	2	3	-	-	-	-	1.57 (0.82- 3.02)	
100	ILCCO	76	c	t	a	2	3	-	-	-	-	1.08 (0.92- 1.26)	
Partial Totals								0	0	0	0		
*prospective study													

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

- 1) CHI : a, b/e, p, m, f, o, other 3) UNX : 6, 2, 7, 1, other
- 2) TYP : t, g, other

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

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

Table 97
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 14-NOV-14
 All household members, if available - both sexes
 By continent - adjusted

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	12	11	15	2	40
NS	11	9	13	2	35
Wt	268.00	189.42	263.22	164.40	885.04
Het Chi	21.35	20.37	49.57	1.20	103.23
Het df	11	10	14	1	39
Het P	*	*	***	N.S.	***
Fixed RR	1.02	0.94	1.26	1.10	1.08
RRl	0.90	0.81	1.11	0.95	1.01
RRu	1.15	1.08	1.42	1.28	1.15
P	N.S.	N.S.	+++	N.S.	+
Random RR	1.09	1.02	1.31	1.13	1.16
RRl	0.91	0.81	1.02	0.89	1.03
RRu	1.32	1.29	1.67	1.45	1.31
P	N.S.	N.S.	+	N.S.	+
Asymm P	N.S.	(*)	N.S.		*
Between Chi		0.76	5.80	0.63	10.74
Between df		1	1	1	3
Between P		N.S.	+	N.S.	*

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

1) CHI : a, b/e, p, m, f, o, other 3) UNX : 6, 2, 7, 1, other

2) TYP : t, g, other

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

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

Table 98
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 14-NOV-14
 All household members, if available - both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
8	GARFI2	9	f	t	a	2	0	-	-	-	-	0.91 (0.58- 1.42)	
10	WU	4	f	a	p	6	1	-	-	-	-	0.60 (0.20- 1.70)	
27	JANERI	8	c	t	a	2	0	134	123	57	68	1.30 (0.85- 2.00)	
32	BROWN2	9	f	t	a	2	0	108	364	323	802	0.74 (0.57- 0.95)	
33	STOCKW	6	f	t	b	7	3	-	-	-	-	1.66 (0.80- 3.44)	
36	FONTHA	17	f	t	a	2	0	377	808	229	430	0.88 (0.72- 1.07)	
39	KABAT2	9	m	t	a	2	0	25	76	15	41	0.90 (0.43- 1.89)	
39	KABAT2	10	f	t	a	2	0	47	106	22	81	1.63 (0.91- 2.92)	
Subtotal 39													
58	JOHNSO	3	f	t	a	2	0	48	467	23	294	1.31 (0.78- 2.21)	
83	YANG	3	c	t	a	2	0	98	135	74	154	1.51 (1.03- 2.21)	
84	OLIVOM	1	c	h	a	2	0	28	61	17	73	1.97 (0.99- 3.94)	
87	BRENNE	12	c	t	e	2	0	93	298	58	148	0.80 (0.54- 1.17)	
Partial Totals								958	2438	818	2091		
*prospective study													

Europe

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
18	PERSHA	5	f	t	p	6	2	-	-	-	-	1.00 (0.40- 2.30)	
26	SVENSS	3	f	t	m	2	0	3	5	19	98	3.09 (0.68- 14.06)	
47	BOFFET	5	m	t	a	2	0	75	321	65	201	0.72 (0.50- 1.05)	
47	BOFFET	29	f	t	a	2	0	314	700	187	295	0.71 (0.56- 0.89)	
Subtotal 47													
49	ZARIDZ	9	f	t	f	6	0	92	178	97	180	0.96 (0.67- 1.36)	
50	BOFFE2	1	c	a	p	2	0	33	110	32	55	0.52 (0.29- 0.92)	
62	RACHTA	1	f	t	a	2	0	17	43	37	208	2.22 (1.15- 4.31)	
64	ZATLOU	9	f	g	a	2	0	46	394	38	495	1.52 (0.97- 2.38)	
65	IARCKR	8	m	t	p	2	0	-	-	-	-	0.97 (0.40- 2.30)	
65	IARCKR	9	f	t	p	2	0	-	-	-	-	0.90 (0.50- 1.40)	
Subtotal 65													
*89	EPICC	5	c	t	a	4	10	-	-	-	-	1.34 (0.80- 2.22)	
Partial Totals								580	1751	475	1532		
*prospective study													

Asia

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
14	GAO	9	f	t	a	2	2	-	-	-	-	1.10 (0.70- 1.70)	
16	KOO	7	f	t	p	6	0	4	11	84	126	0.55 (0.17- 1.77)	
29	SOBUE	3	f	t	m	6	0	17	63	127	668	1.42 (0.80- 2.51)	
41	SUN	7	f	t	a	2	2	-	-	-	-	2.29 (1.56- 3.37)	
43	WANGT	3	f	t	a	2	0	80	83	55	52	0.91 (0.56- 1.48)	
52	RAPITI	21	m	t	a	2	0	1	14	16	42	0.19 (0.02- 1.54)	
52	RAPITI	15	f	t	a	2	0	30	16	11	51	8.69 (3.57- 21.18)	
Subtotal 52													
54	ZHONG	7	f	t	a	2	0	227	270	277	331	1.00 (0.79- 1.27)	
55	LEECH	15	f	t	a	2	0	117	127	151	318	1.94 (1.41- 2.66)	
57	WANGL	17	m	t	a	2	0	20	56	12	58	1.73 (0.77- 3.86)	
57	WANGL	19	f	t	a	2	0	132	247	64	160	1.34 (0.93- 1.91)	
Subtotal 57													
61	OHNO	3	f	t	m	6	0	16	28	174	301	0.99 (0.52- 1.88)	
*73	WEN	12	f	t	e	2	9	-	-	-	-	0.88 (0.55- 1.43)	
*81	KURAHA	45	f	t	a	2	5	-	-	-	-	0.93 (0.52- 1.66)	
86	LIANG	1	f	t	a	2	0	124	140	102	139	1.21 (0.85- 1.72)	
Partial Totals								768	1055	1073	2246		
*prospective study													

Other

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
94	FERREC	1	c	t	a	2	0	20	64	39	178	1.43 (0.77- 2.63)	
100	ILCCO	71	c	t	a	2	0	563	1611	485	1081	0.78 (0.67- 0.90)	
Totals								583	1675	524	1259		
*prospective study													

 Within each study, results are selected according to the following order of preference:
 1) CHI : a, b/e, p, m, f, o, other 3) UNX : 6, 2, 7, 1, other
 2) TYP : t, g, other
 See page 2 of this report for a key to the meanings of the variable names and their values.
 Where more than one time period within childhood was available, the index relating to the youngest exposure was used.

Table 98
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 14-NOV-14
 All household members, if available - both sexes
 By continent - unadjusted

	NAmerica	Europe	Asia	Other	Total
Relative risks					
N	12	11	15	2	40
NS	11	9	13	2	35
Wt	299.70	212.99	292.36	196.06	1001.11
Het Chi	25.00	26.63	49.61	3.58	135.51
Het df	11	10	14	1	39
Het P	**	**	***	(*)	***
Fixed RR	0.98	0.89	1.29	0.80	1.00
RRl	0.87	0.78	1.15	0.70	0.94
RRu	1.10	1.02	1.44	0.92	1.06
P	N.S.	N.S.	+++	--	N.S.
Random RR	1.07	1.00	1.30	0.98	1.13
RRl	0.89	0.78	1.02	0.55	0.99
RRu	1.31	1.28	1.65	1.73	1.29
P	N.S.	N.S.	+	N.S.	(+)
Asymm P	(*)	(*)	N.S.		**
Between Chi		1.03	11.05	4.58	30.68
Between df		1	1	1	3
Between P		N.S.	+++	-	***

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

- 1) CHI : a, b/e, p, m, f, o, other 3) UNX : 6, 2, 7, 1, other
 2) TYP : t, g, other

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

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

Table 99
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 14-NOV-14
 Mother (specifically) - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
26	SVENSS	4	f	t	m	2	1	-	-	-	-	3.30 (0.50- 18.80)	
29	SOBUE	4	f	t	m	6	3	-	-	-	-	1.28 (0.71- 2.31)	
36	FONTHA	14	f	t	m	6	8	-	-	-	-	0.86 (0.62- 1.18)	
47	BOFFET	36	m	t	m	2	2	-	-	-	-	1.02 (0.39- 2.68)	
47	BOFFET	38	f	t	m	2	2	-	-	-	-	0.84 (0.47- 1.48)	
Subtotal 47												0.88 (0.54- 1.45)	
50	BOFFE2	6	c	a	m	2	2	-	-	-	-	0.40 (0.09- 1.80)	
52	RAPITI	20	f	t	m	2	3	-	-	-	-	5.60 (1.00- 32.00)	
55	LEECH	4	f	t	m	6	7	-	-	-	-	0.90 (0.32- 2.53)	
61	OHNO	4	f	t	m	6	2	-	-	-	-	1.00 (0.51- 1.98)	
Partial Totals								0	0	0	0		
*prospective study													

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Ys	Ws	Qs	Ps
26	SVENSS	4	f	t	m	2	1	1.19	1.17	1.78	0.1969
29	SOBUE	4	f	t	m	6	3	0.25	11.04	0.91	0.4121
36	FONTHA	14	f	t	m	6	8	-0.15	37.10	0.46	0.3583
47	BOFFET	36	m	t	m	2	2	0.02	4.14	0.01	0.9679
47	BOFFET	38	f	t	m	2	2	-0.17	11.68	0.21	0.5513
Subtotal 47								-0.12	15.81	0.23	
50	BOFFE2	6	c	a	m	2	2	-0.92	1.71	1.32	0.2305
52	RAPITI	20	f	t	m	2	3	1.72	1.28	3.97	0.0514
55	LEECH	4	f	t	m	6	7	-0.11	3.59	0.02	0.8417
61	OHNO	4	f	t	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.

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

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

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

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

Table 100
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 14-NOV-14
 Mother (specifically) - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
26	SVENSS	3	f	t	m	2	0	3	5	19	98	3.09	(0.68- 14.06)
29	SOBUE	3	f	t	m	6	0	17	63	127	668	1.42	(0.80- 2.51)
36	FONTHA	13	f	t	m	6	0	76	161	548	1079	0.93	(0.69- 1.24)
47	BOFFET	35	m	t	m	2	0	11	26	65	201	1.31	(0.61- 2.79)
47	BOFFET	37	f	t	m	2	0	26	54	187	295	0.76	(0.46- 1.26)
Subtotal 47													
50	BOFFE2	5	c	a	m	2	0	3	18	32	55	0.29	(0.08- 1.05)
52	RAPITI	19	f	t	m	2	0	5	3	11	51	7.73	(1.60- 37.24)
55	LEECH	3	f	t	m	6	0	8	9	260	436	1.49	(0.57- 3.91)
61	OHNO	3	f	t	m	6	0	16	28	174	301	0.99	(0.52- 1.88)
Totals								165	367	1423	3184		

*prospective study

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Ys	Ws	Qs	Ps
26	SVENSS	3	f	t	m	2	0	1.13	1.68	2.06	0.1434
29	SOBUE	3	f	t	m	6	0	0.35	11.90	1.28	0.2271
36	FONTHA	13	f	t	m	6	0	-0.07	45.21	0.42	0.6228
47	BOFFET	35	m	t	m	2	0	0.27	6.68	0.40	0.4874
47	BOFFET	37	f	t	m	2	0	-0.28	15.22	1.35	0.2834
Subtotal 47								-0.11	21.90	1.75	
50	BOFFE2	5	c	a	m	2	0	-1.25	2.28	3.70	0.0590
52	RAPITI	19	f	t	m	2	0	2.04	1.55	6.35	0.0108
55	LEECH	3	f	t	m	6	0	0.40	4.13	0.58	0.4174
61	OHNO	3	f	t	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.

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

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

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

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

Table 101
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 14-NOV-14
 Mother (specifically) - both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
36	FONTHA	14	f	t	m	6	8	-	-	-	-	0.86	(0.62- 1.18)
Partial Totals								0	0	0	0		

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
26	SVENSS	4	f	t	m	2	1	-	-	-	-	3.30	(0.50- 18.80)
47	BOFFET	36	m	t	m	2	2	-	-	-	-	1.02	(0.39- 2.68)
47	BOFFET	38	f	t	m	2	2	-	-	-	-	0.84	(0.47- 1.48)
Subtotal 47												0.88	(0.54- 1.45)
50	BOFFE2	6	c	a	m	2	2	-	-	-	-	0.40	(0.09- 1.80)
Partial Totals								0	0	0	0		

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
29	SOBUE	4	f	t	m	6	3	-	-	-	-	1.28	(0.71- 2.31)
52	RAPITI	20	f	t	m	2	3	-	-	-	-	5.60	(1.00- 32.00)
55	LEECH	4	f	t	m	6	7	-	-	-	-	0.90	(0.32- 2.53)
61	OHNO	4	f	t	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.

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

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

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

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

Table 102
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 14-NOV-14
 Mother (specifically) - both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
36	FONTHA	13	f	t	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	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
26	SVENSS	3	f	t	m	2	0	3	5	19	98	3.09	(0.68- 14.06)
47	BOFFET	35	m	t	m	2	0	11	26	65	201	1.31	(0.61- 2.79)
47	BOFFET	37	f	t	m	2	0	26	54	187	295	0.76	(0.46- 1.26)
Subtotal 47												0.90	(0.59- 1.36)
50	BOFFE2	5	c	a	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	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
29	SOBUE	3	f	t	m	6	0	17	63	127	668	1.42	(0.80- 2.51)
52	RAPITI	19	f	t	m	2	0	5	3	11	51	7.73	(1.60- 37.24)
55	LEECH	3	f	t	m	6	0	8	9	260	436	1.49	(0.57- 3.91)
61	OHNO	3	f	t	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.

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

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

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

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

Table 103
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 14-NOV-14
 Father (specifically) - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
26	SVENSS	8	f	t	f	2	1	-	-	-	-	0.90 (0.40- 2.30)	
29	SOBUE	6	f	t	f	6	1	-	-	-	-	0.79 (0.52- 1.21)	
36	FONTHA	12	f	t	f	6	8	-	-	-	-	0.83 (0.67- 1.02)	
47	BOFFET	40	m	t	f	2	2	-	-	-	-	0.75 (0.48- 1.17)	
47	BOFFET	42	f	t	f	2	2	-	-	-	-	0.75 (0.59- 0.96)	
Subtotal 47												0.75 (0.61- 0.93)	
49	ZARIDZ	10	f	t	f	6	2	-	-	-	-	0.92 (0.64- 1.32)	
50	BOFFE2	4	c	a	f	2	2	-	-	-	-	0.70 (0.30- 1.30)	
52	RAPITI	24	m	t	f	2	3	-	-	-	-	1.07 (0.36- 3.21)	
52	RAPITI	18	f	t	f	2	3	-	-	-	-	17.00 (5.70- 47.00)	
Subtotal 52												4.49 (2.10- 9.58)	
55	LEECH	2	f	t	f	6	7	-	-	-	-	1.22 (0.85- 1.74)	
61	OHNO	2	f	t	f	6	2	-	-	-	-	1.12 (0.75- 1.67)	
Partial Totals								0	0	0	0		
*prospective study													

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Ys	Ws	Qs	Ps
26	SVENSS	8	f	t	f	2	1	-0.11	5.02	0.00	0.8133
29	SOBUE	6	f	t	f	6	1	-0.24	21.54	0.34	0.2739
36	FONTHA	12	f	t	f	6	8	-0.19	86.99	0.51	0.0822
47	BOFFET	40	m	t	f	2	2	-0.29	19.36	0.61	0.2056
47	BOFFET	42	f	t	f	2	2	-0.29	64.84	2.05	0.0205
Subtotal 47								-0.29	84.20	2.66	
49	ZARIDZ	10	f	t	f	6	2	-0.08	29.32	0.02	0.6516
50	BOFFE2	4	c	a	f	2	2	-0.36	7.15	0.44	0.3403
52	RAPITI	24	m	t	f	2	3	0.07	3.21	0.10	0.9035
52	RAPITI	18	f	t	f	2	3	2.83	3.45	29.90	0.0000
Subtotal 52								1.50	6.66	30.00	
55	LEECH	2	f	t	f	6	7	0.20	29.94	2.85	0.2766
61	OHNO	2	f	t	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
	RRl	0.80
	RRu	1.00
	P	(-)
Random	RR	1.00
	RRl	0.78
	RRu	1.29
	P	N.S.
Asymm	P	N.S.

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

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

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

Table 104
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 14-NOV-14
 Father (specifically) - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
26	SVENSS	7	f	t	f	2	0	12	71	19	98	0.87	(0.40- 1.91)
29	SOBUE	5	f	t	f	6	0	109	588	35	143	0.76	(0.50- 1.16)
36	FONTHA	11	f	t	f	6	0	304	669	299	556	0.84	(0.70- 1.03)
47	BOFFET	39	m	t	f	2	0	62	275	65	201	0.70	(0.47- 1.03)
47	BOFFET	41	f	t	f	2	0	271	623	187	295	0.69	(0.54- 0.87)
Subtotal 47													
49	ZARIDZ	9	f	t	f	6	0	92	178	97	180	0.96	(0.67- 1.36)
50	BOFFE2	3	c	a	f	2	0	33	101	32	55	0.56	(0.31- 1.01)
52	RAPITI	23	m	t	f	2	0	1	13	16	42	0.20	(0.02- 1.67)
52	RAPITI	17	f	t	f	2	0	30	11	11	51	12.64	(4.89- 32.68)
Subtotal 52													
55	LEECH	1	f	t	f	6	0	132	200	136	245	1.19	(0.88- 1.61)
61	OHNO	1	f	t	f	6	0	115	195	70	131	1.10	(0.76- 1.60)
Totals								1161	2924	967	1997		
*prospective study													

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Ys	Ws	Qs	Ps
26	SVENSS	7	f	t	f	2	0	-0.14	6.24	0.00	0.7317
29	SOBUE	5	f	t	f	6	0	-0.28	21.53	0.41	0.1972
36	FONTHA	11	f	t	f	6	0	-0.17	100.73	0.08	0.0909
47	BOFFET	39	m	t	f	2	0	-0.36	24.92	1.21	0.0717
47	BOFFET	41	f	t	f	2	0	-0.38	71.26	3.97	0.0015
Subtotal 47								-0.37	96.18	5.18	
49	ZARIDZ	9	f	t	f	6	0	-0.04	30.91	0.30	0.8165
50	BOFFE2	3	c	a	f	2	0	-0.58	11.16	2.13	0.0539
52	RAPITI	23	m	t	f	2	0	-1.60	0.86	1.83	0.1380
52	RAPITI	17	f	t	f	2	0	2.54	4.26	30.54	0.0000
Subtotal 52								1.84	5.12	32.37	
55	LEECH	1	f	t	f	6	0	0.17	41.65	4.09	0.2640
61	OHNO	1	f	t	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
	RRl	0.78
	RRu	0.97
	P	--
Random	RR	0.94
	RRl	0.72
	RRu	1.22
	P	N.S.
Asymm	P	N.S.

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

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

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

Table 105
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 14-NOV-14
 Father (specifically) - both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
36	FONTHA	12	f	t	f	6	8	-	-	-	-	0.83	(0.67- 1.02)
Partial Totals								0	0	0	0		

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
26	SVENSS	8	f	t	f	2	1	-	-	-	-	0.90	(0.40- 2.30)
47	BOFFET	40	m	t	f	2	2	-	-	-	-	0.75	(0.48- 1.17)
47	BOFFET	42	f	t	f	2	2	-	-	-	-	0.75	(0.59- 0.96)
Subtotal 47												0.75	(0.61- 0.93)
49	ZARIDZ	10	f	t	f	6	2	-	-	-	-	0.92	(0.64- 1.32)
50	BOFFE2	4	c	a	f	2	2	-	-	-	-	0.70	(0.30- 1.30)
Partial Totals								0	0	0	0		

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
29	SOBUE	6	f	t	f	6	1	-	-	-	-	0.79	(0.52- 1.21)
52	RAPITI	24	m	t	f	2	3	-	-	-	-	1.07	(0.36- 3.21)
52	RAPITI	18	f	t	f	2	3	-	-	-	-	17.00	(5.70- 47.00)
Subtotal 52												4.49	(2.10- 9.58)
55	LEECH	2	f	t	f	6	7	-	-	-	-	1.22	(0.85- 1.74)
61	OHNO	2	f	t	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 selected according to the following order of preference:

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

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

Table 106
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 14-NOV-14
 Father (specifically) - both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
36	FONTHA	11	f	t	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	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
26	SVENSS	7	f	t	f	2	0	12	71	19	98	0.87	(0.40- 1.91)
47	BOFFET	39	m	t	f	2	0	62	275	65	201	0.70	(0.47- 1.03)
47	BOFFET	41	f	t	f	2	0	271	623	187	295	0.69	(0.54- 0.87)
Subtotal 47												0.69	(0.56- 0.84)
49	ZARIDZ	9	f	t	f	6	0	92	178	97	180	0.96	(0.67- 1.36)
50	BOFFE2	3	c	a	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	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
29	SOBUE	5	f	t	f	6	0	109	588	35	143	0.76	(0.50- 1.16)
52	RAPITI	23	m	t	f	2	0	1	13	16	42	0.20	(0.02- 1.67)
52	RAPITI	17	f	t	f	2	0	30	11	11	51	12.64	(4.89- 32.68)
Subtotal 52												6.31	(2.65- 15.01)
55	LEECH	1	f	t	f	6	0	132	200	136	245	1.19	(0.88- 1.61)
61	OHNO	1	f	t	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.	**

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

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

Table 107
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 14-NOV-14
 Parents (specifically) - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
10	WU	4	f	a	p	6	1	-	-	-	-	0.60 (0.20-	1.70)
16	KOO	11	f	t	p	6	4	-	-	-	-	0.56 (0.21-	1.50)
18	PERSHA	5	f	t	p	6	2	-	-	-	-	1.00 (0.40-	2.30)
32	BROWN2	12	f	t	p	6	2	-	-	-	-	0.70 (0.50-	0.90)
50	BOFFE2	2	c	a	p	2	2	-	-	-	-	0.60 (0.30-	1.20)
65	IARCKR	8	m	t	p	2	0	-	-	-	-	0.97 (0.40-	2.30)
65	IARCKR	9	f	t	p	2	0	-	-	-	-	0.90 (0.50-	1.40)
Subtotal 65												0.92 (0.59-	1.43)
*89	EPICC	2	c	t	p	2	10	-	-	-	-	0.97 (0.64-	1.50)
Partial Totals								0	0	0	0		
*prospective study													

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Ys	Ws	Qs	Ps
10	WU	4	f	a	p	6	1	-0.51	3.36	0.23	0.3494
16	KOO	11	f	t	p	6	4	-0.58	3.98	0.43	0.2477
18	PERSHA	5	f	t	p	6	2	0.00	5.02	0.31	1.0000
32	BROWN2	12	f	t	p	6	2	-0.36	44.48	0.51	0.0174
50	BOFFE2	2	c	a	p	2	2	-0.51	8.00	0.55	0.1486
65	IARCKR	8	m	t	p	2	0	-0.03	5.02	0.24	0.9456
65	IARCKR	9	f	t	p	2	0	-0.11	14.49	0.30	0.6883
Subtotal 65								-0.09	19.52	0.54	
*89	EPICC	2	c	t	p	2	10	-0.03	21.18	1.01	0.8885

Relative risks

N	8
NS	7
Wt	105.52
Het Chi	3.59
Het df	7
Het P	N.S.
Fixed RR	0.78
RRl	0.64
RRu	0.94
P	-
Random RR	0.78
RRl	0.64
RRu	0.94
P	-
Asymm P	N.S.

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

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

Table 108
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 14-NOV-14
 Parents (specifically) - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
10	WU	4	f	a	p	6	1	-	-	-	-	0.60 (0.20-	1.70)
16	KOO	7	f	t	p	6	0	4	11	84	126	0.55 (0.17-	1.77)
18	PERSHA	5	f	t	p	6	2	-	-	-	-	1.00 (0.40-	2.30)
32	BROWN2	11	f	t	p	6	0	74	289	357	877	0.63 (0.47-	0.84)
50	BOFFE2	1	c	a	p	2	0	33	110	32	55	0.52 (0.29-	0.92)
65	IARCKR	8	m	t	p	2	0	-	-	-	-	0.97 (0.40-	2.30)
65	IARCKR	9	f	t	p	2	0	-	-	-	-	0.90 (0.50-	1.40)
Subtotal 65													
*89	EPICC	1	c	t	p	2	1	-	-	-	-	1.22 (0.80-	1.86)
Partial Totals								111	410	473	1058		

*prospective study

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Ys	Ws	Qs	Ps
10	WU	4	f	a	p	6	1	-0.51	3.36	0.19	0.3494
16	KOO	7	f	t	p	6	0	-0.61	2.77	0.31	0.3129
18	PERSHA	5	f	t	p	6	2	0.00	5.02	0.37	1.0000
32	BROWN2	11	f	t	p	6	0	-0.46	47.81	1.73	0.0013
50	BOFFE2	1	c	a	p	2	0	-0.66	11.26	1.71	0.0263
65	IARCKR	8	m	t	p	2	0	-0.03	5.02	0.30	0.9456
65	IARCKR	9	f	t	p	2	0	-0.11	14.49	0.41	0.6883
Subtotal 65								-0.09	19.52	0.70	
*89	EPICC	1	c	t	p	2	1	0.20	21.59	4.81	0.3556

Relative risks

N	8
NS	7
Wt	111.32
Het Chi	9.82
Het df	7
Het P	N.S.
Fixed RR	0.76
RRl	0.63
RRu	0.92
P	--
Random RR	0.78
RRl	0.61
RRu	1.00
P	-
Asymm P	N.S.

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

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

Table 109
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 14-NOV-14
 Parents (specifically) - both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
10	WU	4	f	a	p	6	1	-	-	-	-	0.60	(0.20- 1.70)
32	BROWN2	12	f	t	p	6	2	-	-	-	-	0.70	(0.50- 0.90)
Partial Totals								0	0	0	0		

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
18	PERSHA	5	f	t	p	6	2	-	-	-	-	1.00	(0.40- 2.30)
50	BOFFE2	2	c	a	p	2	2	-	-	-	-	0.60	(0.30- 1.20)
65	IARCKR	8	m	t	p	2	0	-	-	-	-	0.97	(0.40- 2.30)
65	IARCKR	9	f	t	p	2	0	-	-	-	-	0.90	(0.50- 1.40)
Subtotal 65												0.92	(0.59- 1.43)
*89	EPICC	2	c	t	p	2	10	-	-	-	-	0.97	(0.64- 1.50)
Partial Totals								0	0	0	0		

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
16	KOO	11	f	t	p	6	4	-	-	-	-	0.56	(0.21- 1.50)
Partial Totals								0	0	0	0		

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	2	5	1	8
NS	2	4	1	7
Wt	47.83	53.71	3.98	105.52
Het Chi	0.07	1.51	0.00	3.59
Het df	1	4	0	7
Het P	N.S.	N.S.	N.S.	N.S.
Fixed RR	0.69	0.89	0.56	0.78
RRl	0.52	0.68	0.21	0.64
RRu	0.92	1.16	1.50	0.94
P	-	N.S.	N.S.	-
Random RR	0.69	0.89	0.56	0.78
RRl	0.52	0.68	0.21	0.64
RRu	0.92	1.16	1.50	0.94
P	-	N.S.	N.S.	-
Asymm P		N.S.		N.S.
Between Chi		1.56	0.17	2.01
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

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

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

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

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

Table 110
ETS and Lung Cancer - Meta-Analysis of Childhood Exposure, 14-NOV-14
 Parents (specifically) - both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
10	WU	4	f	a	p	6	1	-	-	-	-	0.60	(0.20- 1.70)
32	BROWN2	11	f	t	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	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
18	PERSHA	5	f	t	p	6	2	-	-	-	-	1.00	(0.40- 2.30)
50	BOFFE2	1	c	a	p	2	0	33	110	32	55	0.52	(0.29- 0.92)
65	IARCKR	8	m	t	p	2	0	-	-	-	-	0.97	(0.40- 2.30)
65	IARCKR	9	f	t	p	2	0	-	-	-	-	0.90	(0.50- 1.40)
Subtotal 65												0.92	(0.59- 1.43)
*89	EPICC	1	c	t	p	2	1	-	-	-	-	1.22	(0.80- 1.86)
Partial Totals								33	110	32	55		

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	CHI	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
16	KOO	7	f	t	p	6	0	4	11	84	126	0.55	(0.17- 1.77)
Totals								4	11	84	126		

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	2	5	1	8
NS	2	4	1	7
Wt	51.17	57.38	2.77	111.32
Het Chi	0.01	5.55	0.00	9.82
Het df	1	4	0	7
Het P	N.S.	N.S.	N.S.	N.S.
Fixed RR	0.63	0.92	0.55	0.76
RRl	0.48	0.71	0.17	0.63
RRu	0.82	1.19	1.77	0.92
P	---	N.S.	N.S.	--
Random RR	0.63	0.90	0.55	0.78
RRl	0.48	0.65	0.17	0.61
RRu	0.82	1.24	1.77	1.00
P	---	N.S.	N.S.	-
Asymm P		N.S.		N.S.
Between Chi		3.95	0.05	4.27
Between df		1	1	2
Between P		+	N.S.	N.S.

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

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

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

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

Table 111
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Mother where no more comprehensive index available - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
5	BUFFLE	1	m	t	a	e	2	0	5	56	6	34	0.51	(0.14-	1.79)
5	BUFFLE	2	f	t	a	e	2	0	33	164	8	32	0.80	(0.34-	1.90)
Subtotal 5															
7	KABAT1	5	m	t	a	c	2	0	6	5	19	20	1.26	(0.33-	4.84)
7	KABAT1	6	f	t	a	c	2	0	16	17	37	36	0.92	(0.40-	2.08)
Subtotal 7															
8	GARFI2	10	f	t	a	z	1	0	73	204	42	135	1.15	(0.74-	1.78)
12	LEE	13	m	t	a	c	2	0	3	32	9	101	1.05	(0.27-	4.12)
12	LEE	14	f	t	a	c	2	0	11	126	21	192	0.80	(0.37-	1.71)
Subtotal 12															
14	GAO	10	f	t	a	e	2	2	-	-	-	-	0.90	(0.60-	1.40)
16	KOO	13	f	t	a	e	2	4	-	-	-	-	1.47	(0.56-	3.82)
22	SHIMIZ	4	f	t	m	e	6	0	10	5	80	158	3.95	(1.31-	11.95)
*24	HOLE	3	c	t	b	e	6	2	-	-	-	-	2.41	(0.45-	12.83)
27	JANERI	11	c	t	a	e	2	3	-	-	-	-	1.05	(0.62-	1.77)
28	KALAND	7	f	t	x	e	6	0	75	92	15	26	1.41	(0.70-	2.86)
30	WU-WIL	6	f	t	a	e	2	0	343	515	74	87	0.78	(0.56-	1.10)
31	LIUZ	2	f	t	a	c	2	3	-	-	-	-	0.77	(0.30-	1.96)
32	BROWN2	14	f	t	a	a	2	2	-	-	-	-	1.10	(0.80-	1.30)
33	STOCKW	7	f	t	a	e	7	3	-	-	-	-	1.60	(0.84-	3.04)
36	FONTHA	20	f	t	a	a	2	8	-	-	-	-	1.23	(0.96-	1.57)
39	KABAT2	13	m	t	a	a	2	0	13	34	28	83	1.13	(0.53-	2.45)
39	KABAT2	14	f	t	a	a	2	0	43	119	26	68	0.95	(0.53-	1.67)
Subtotal 39															
40	SCHWAR	8	c	t	a	e	2	2	-	-	-	-	1.10	(0.80-	1.60)
41	SUN	8	f	t	m	e	6	2	-	-	-	-	2.05	(1.29-	3.27)
*44	CARDEN	17	m	t	a	c	2	7	-	-	-	-	0.63	(0.23-	1.76)
*44	CARDEN	18	f	t	a	c	2	7	-	-	-	-	0.84	(0.55-	1.27)
Subtotal 44															
45	ZHENG	1	m	t	a	e	2	0	8	12	17	17	0.67	(0.22-	2.04)
45	ZHENG	2	f	t	a	e	2	0	62	179	7	51	2.52	(1.09-	5.85)
Subtotal 45															
47	BOFFET	44	m	t	a	e	2	2	-	-	-	-	1.45	(0.91-	2.33)
47	BOFFET	46	f	t	a	e	2	2	-	-	-	-	1.01	(0.79-	1.29)
Subtotal 47															
49	ZARIDZ	12	f	t	x	e	6	2	-	-	-	-	0.91	(0.58-	1.42)
54	ZHONG	20	f	t	a	e	2	7	-	-	-	-	1.08	(0.82-	1.41)
55	LEECH	10	f	t	q	a	6	7	-	-	-	-	0.80	(0.51-	1.24)
57	WANGL	2	m	t	a	e	2	4	-	-	-	-	1.22	(0.50-	3.30)
57	WANGL	4	f	t	a	e	2	4	-	-	-	-	1.15	(0.60-	2.10)
Subtotal 57															
58	JOHNSO	8	f	t	a	e	2	4	-	-	-	-	1.20	(0.62-	2.30)
59	LAGARD	6	c	t	a	a	2	6	-	-	-	-	1.15	(0.91-	1.45)
*60	NISHIN	6	f	t	a	c	2	1	-	-	-	-	0.87	(0.37-	2.01)
66	MCGHEE	1	m	t	a	p	2	2	-	-	-	-	1.34	(0.82-	2.17)
66	MCGHEE	2	f	t	a	p	2	2	-	-	-	-	1.38	(0.94-	2.04)
Subtotal 66															
*67	EPICA	7	c	t	a	c	2	7	-	-	-	-	0.84	(0.38-	1.90)
69	FRANCO	1	c	t	a	e	2	2	-	-	-	-	1.80	(1.10-	3.00)
70	GORLOV	1	m	t	a	e	4	4	-	-	-	-	1.41	(0.60-	3.30)
70	GORLOV	2	f	t	a	e	4	4	-	-	-	-	1.15	(0.63-	2.10)
Subtotal 70															
72	RYLAND	3	c	t	a	e	2	1	-	-	-	-	1.37	(0.72-	2.61)
*76	HILL1	3	m	t	a	c	2	9	-	-	-	-	1.08	(0.56-	2.09)
*76	HILL1	2	f	t	a	c	2	2	-	-	-	-	1.00	(0.49-	2.01)
Subtotal 76															
*77	HILL2	1	m	t	a	c	2	2	-	-	-	-	1.45	(0.75-	2.81)
*77	HILL2	3	f	t	a	c	2	9	-	-	-	-	1.38	(0.78-	2.41)
Subtotal 77															
79	ASOMAN	1	c	t	a	e	2	0	114	393	24	73	0.88	(0.53-	1.46)
85	TSE	10	m	t	a	a	2	9	-	-	-	-	0.90	(0.57-	1.41)
87	BRENNE	11	c	t	a	e	2	0	109	341	42	105	0.80	(0.53-	1.21)
92	LIM	1	f	t	a	e	4	0	200	602	226	764	1.12	(0.90-	1.40)
95	GELAC	9	m	t	a	e	2	3	-	-	-	-	0.94	(0.67-	1.32)
95	GELAC	24	f	t	a	e	2	3	-	-	-	-	1.30	(1.09-	1.54)
Subtotal 95															
96	MASJED	7	m	t	e	e	2	0	9	34	17	136	2.12	(0.87-	5.16)

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

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

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

Table 111
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Mother where no more comprehensive index available - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
									Case	Cont	Case	Cont				
96	MASJED	8	f	t	e	e	2	0	15	30	40	89	1.11	(0.54-	2.29)	
Subtotal 96														1.44	(0.82-	2.52)
100	ILCCO	16	c	t	a	a	2	3	-	-	-	-	1.20	(1.08-	1.34)	
101	TORRES	2	c	t	a	y	2	2	-	-	-	-	0.71	(0.48-	1.05)	
Partial Totals									1148	2960	738	2207				

*prospective study

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Ys	Ws	Qs	Ps
5	BUFFLE	1	m	t	a	e	2	0	-0.68	2.42	1.56	0.2896
5	BUFFLE	2	f	t	a	e	2	0	-0.22	5.19	0.60	0.6209
Subtotal 5												
7	KABAT1	5	m	t	a	c	2	0	0.23	2.13	0.03	0.7331
7	KABAT1	6	f	t	a	c	2	0	-0.09	5.68	0.25	0.8339
Subtotal 7												
8	GARFI2	10	f	t	a	z	1	0	0.14	20.07	0.01	0.5307
12	LEE	13	m	t	a	c	2	0	0.05	2.06	0.01	0.9419
12	LEE	14	f	t	a	c	2	0	-0.23	6.59	0.80	0.5627
Subtotal 12												
14	GAO	10	f	t	a	e	2	2	-0.11	21.40	1.12	0.6259
16	KOO	13	f	t	a	e	2	4	0.39	4.17	0.29	0.4316
22	SHIMIZ	4	f	t	m	e	6	0	1.37	3.14	4.91	0.0150
*24	HOLE	3	c	t	b	e	6	2	0.88	1.37	0.78	0.3034
27	JANERI	11	c	t	a	e	2	3	0.05	13.96	0.08	0.8553
28	KALAND	7	f	t	x	e	6	0	0.35	7.73	0.38	0.3363
30	WU-WIL	6	f	t	a	e	2	0	-0.24	33.48	4.52	0.1570
31	LIUZ	2	f	t	a	c	2	3	-0.26	4.36	0.64	0.5852
32	BROWN2	14	f	t	a	a	2	2	0.10	65.19	0.05	0.4416
33	STOCKW	7	f	t	a	e	7	3	0.47	9.29	1.12	0.1520
36	FONTHA	20	f	t	a	a	2	8	0.21	63.50	0.45	0.0990
39	KABAT2	13	m	t	a	a	2	0	0.13	6.49	0.00	0.7497
39	KABAT2	14	f	t	a	a	2	0	-0.06	11.79	0.38	0.8461
Subtotal 39												
40	SCHWAR	8	c	t	a	e	2	2	0.10	31.98	0.02	0.5899
41	SUN	8	f	t	m	e	6	2	0.72	17.76	6.28	0.0025
*44	CARDEN	17	m	t	a	c	2	7	-0.46	3.71	1.27	0.3735
*44	CARDEN	18	f	t	a	c	2	7	-0.17	21.94	1.94	0.4141
Subtotal 44												
45	ZHENG	1	m	t	a	e	2	0	-0.41	3.07	0.86	0.4776
45	ZHENG	2	f	t	a	e	2	0	0.93	5.43	3.50	0.0310
Subtotal 45												
47	BOFFET	44	m	t	a	e	2	2	0.37	17.38	1.07	0.1213
47	BOFFET	46	f	t	a	e	2	2	0.01	63.90	0.82	0.9366
Subtotal 47												
49	ZARIDZ	12	f	t	x	e	6	2	-0.09	19.17	0.90	0.6797
54	ZHONG	20	f	t	a	e	2	7	0.08	52.30	0.11	0.5778
55	LEECH	10	f	t	q	a	6	7	-0.22	19.47	2.33	0.3249
57	WANGL	2	m	t	a	e	2	4	0.20	4.31	0.02	0.6796
57	WANGL	4	f	t	a	e	2	4	0.14	9.79	0.00	0.6619
Subtotal 57												
58	JOHNSO	8	f	t	a	e	2	4	0.18	8.94	0.03	0.5856
59	LAGARD	6	c	t	a	a	2	6	0.14	70.80	0.02	0.2396
*60	NISHIN	6	f	t	a	c	2	1	-0.14	5.36	0.37	0.7470
66	MCGHEE	1	m	t	a	p	2	2	0.29	16.22	0.47	0.2385
66	MCGHEE	2	f	t	a	p	2	2	0.32	25.59	1.01	0.1032
Subtotal 66												
*67	EPICA	7	c	t	a	c	2	7	-0.17	5.93	0.52	0.6711
69	FRANCO	1	c	t	a	e	2	2	0.59	15.26	3.30	0.0216
70	GORLOV	1	m	t	a	e	4	4	0.34	5.29	0.26	0.4295
70	GORLOV	2	f	t	a	e	4	4	0.14	10.60	0.00	0.6491
Subtotal 70												
72	RYLAND	3	c	t	a	e	2	1	0.31	9.26	0.34	0.3380
*76	HILL1	3	m	t	a	c	2	9	0.08	8.86	0.02	0.8188
*76	HILL1	2	f	t	a	c	2	2	0.00	7.71	0.12	1.0000
Subtotal 76												
*77	HILL2	1	m	t	a	c	2	2	0.37	8.81	0.54	0.2702
*77	HILL2	3	f	t	a	c	2	9	0.32	12.07	0.48	0.2631

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

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

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

Table 111
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Mother where no more comprehensive index available - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Ys	Ws	Qs	Ps
Subtotal 77												
79	ASOMAN	1	c	t	a	e	2	0	-0.13	15.00	0.92	0.6278
85	TSE	10	m	t	a	a	2	9	-0.11	18.73	0.98	0.6484
87	BRENNE	11	c	t	a	e	2	0	-0.22	22.01	2.65	0.2928
92	LIM	1	f	t	a	e	4	0	0.12	80.68	0.00	0.2971
95	GELAC	9	m	t	a	e	2	3	-0.06	33.42	1.14	0.7206
95	GELAC	24	f	t	a	e	2	3	0.26	128.65	2.50	0.0029
Subtotal 95												
96	MASJED	7	m	t	e	e	2	0	0.75	4.84	1.90	0.0989
96	MASJED	8	f	t	e	e	2	0	0.11	7.34	0.00	0.7727
Subtotal 96												
100	ILCCO	16	c	t	a	a	2	3	0.18	330.23	1.16	0.0009
101	TORRES	2	c	t	a	y	2	2	-0.34	25.08	5.43	0.0863

Relative risks

	N	57
	NS	43
	Wt	1436.92
Het	Chi	61.30
Het	df	56
Het	P	N.S.
Fixed	RR	1.13
	RRl	1.07
	RRu	1.19
	P	+++
Random	RR	1.12
	RRl	1.05
	RRu	1.19
	P	+++
Asymm	P	N.S.

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

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

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

Table 112
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Mother where no more comprehensive index available - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
									Case	Cont	Case	Cont				
5	BUFFLE	1	m	t	a	e	2	0	5	56	6	34	0.51	(0.14-	1.79)	
5	BUFFLE	2	f	t	a	e	2	0	33	164	8	32	0.80	(0.34-	1.90)	
Subtotal 5														0.69	(0.34-	1.41)
7	KABAT1	5	m	t	a	c	2	0	6	5	19	20	1.26	(0.33-	4.84)	
7	KABAT1	6	f	t	a	c	2	0	16	17	37	36	0.92	(0.40-	2.08)	
Subtotal 7														1.00	(0.50-	2.02)
8	GARFI2	10	f	t	a	z	1	0	73	204	42	135	1.15	(0.74-	1.78)	
12	LEE	13	m	t	a	c	2	0	3	32	9	101	1.05	(0.27-	4.12)	
12	LEE	14	f	t	a	c	2	0	11	126	21	192	0.80	(0.37-	1.71)	
Subtotal 12														0.85	(0.44-	1.66)
14	GAO	10	f	t	a	e	2	2	-	-	-	-	0.90	(0.60-	1.40)	
16	KOO	12	f	t	a	e	2	0	61	88	27	49	1.26	(0.71-	2.23)	
22	SHIMIZ	4	f	t	m	e	6	0	10	5	80	158	3.95	(1.31-	11.95)	
*24	HOLE	1	m	t	b	e	6	0	2	243	1	428	3.52	(0.32-	38.65)	
*24	HOLE	2	f	t	b	e	6	0	5	1295	1	489	1.89	(0.22-	16.12)	
Subtotal 24														2.49	(0.50-	12.31)
27	JANERI	7	c	t	a	e	2	0	159	158	32	33	1.04	(0.61-	1.77)	
28	KALAND	7	f	t	x	e	6	0	75	92	15	26	1.41	(0.70-	2.86)	
30	WU-WIL	6	f	t	a	e	2	0	343	515	74	87	0.78	(0.56-	1.10)	
31	LIUZ	1	f	t	a	c	2	0	45	176	9	26	0.74	(0.32-	1.69)	
32	BROWN2	13	f	t	a	a	2	0	261	696	170	470	1.04	(0.83-	1.30)	
33	STOCKW	7	f	t	a	e	7	3	-	-	-	-	1.60	(0.84-	3.04)	
36	FONTHA	19	f	t	a	a	2	0	509	941	144	312	1.17	(0.94-	1.47)	
39	KABAT2	13	m	t	a	a	2	0	13	34	28	83	1.13	(0.53-	2.45)	
39	KABAT2	14	f	t	a	a	2	0	43	119	26	68	0.95	(0.53-	1.67)	
Subtotal 39														1.01	(0.64-	1.59)
40	SCHWAR	7	c	t	a	e	2	0	172	175	85	102	1.18	(0.83-	1.68)	
41	SUN	8	f	t	m	e	6	2	-	-	-	-	2.05	(1.29-	3.27)	
*44	CARDEN	17	m	t	a	c	2	7	-	-	-	-	0.63	(0.23-	1.76)	
*44	CARDEN	18	f	t	a	c	2	7	-	-	-	-	0.84	(0.55-	1.27)	
Subtotal 44														0.81	(0.55-	1.19)
45	ZHENG	1	m	t	a	e	2	0	8	12	17	17	0.67	(0.22-	2.04)	
45	ZHENG	2	f	t	a	e	2	0	62	179	7	51	2.52	(1.09-	5.85)	
Subtotal 45														1.56	(0.80-	3.06)
47	BOFFET	43	m	t	a	e	2	0	41	125	100	405	1.33	(0.88-	2.01)	
47	BOFFET	45	f	t	a	e	2	0	347	698	160	312	0.97	(0.77-	1.22)	
Subtotal 47														1.04	(0.85-	1.28)
49	ZARIDZ	11	f	t	x	e	6	0	38	73	151	285	0.98	(0.63-	1.52)	
54	ZHONG	19	f	t	a	e	2	0	322	377	182	224	1.05	(0.82-	1.34)	
55	LEECH	9	f	t	q	a	6	0	51	93	217	352	0.89	(0.61-	1.30)	
57	WANGL	1	m	t	a	e	2	0	24	72	8	42	1.75	(0.72-	4.24)	
57	WANGL	3	f	t	a	e	2	0	176	364	20	43	1.04	(0.59-	1.82)	
Subtotal 57														1.21	(0.75-	1.94)
58	JOHNSO	7	f	t	a	e	2	0	54	543	17	218	1.28	(0.72-	2.25)	
59	LAGARD	5	c	t	a	a	2	0	179	611	254	997	1.15	(0.93-	1.43)	
*60	NISHIN	5	f	t	a	c	2	0	14	47679	10	26248	0.77	(0.34-	1.73)	
66	MCGHEE	5	m	t	a	p	2	0	33	71	112	347	1.44	(0.90-	2.29)	
66	MCGHEE	6	f	t	a	p	2	0	96	150	83	195	1.50	(1.05-	2.16)	
Subtotal 66														1.48	(1.11-	1.97)
*67	EPICA	7	c	t	a	c	2	7	-	-	-	-	0.84	(0.38-	1.90)	
69	FRANCO	1	c	t	a	e	2	2	-	-	-	-	1.80	(1.10-	3.00)	
70	GORLOV	13	m	t	a	e	4	0	36	25	27	25	1.33	(0.63-	2.81)	
70	GORLOV	14	f	t	a	e	4	0	92	89	38	48	1.31	(0.78-	2.19)	
Subtotal 70														1.31	(0.86-	2.01)
72	RYLAND	3	c	t	a	e	2	1	-	-	-	-	1.37	(0.72-	2.61)	
*76	HILL1	1	m	t	a	c	2	2	-	-	-	-	0.97	(0.53-	1.77)	
*76	HILL1	2	f	t	a	c	2	2	-	-	-	-	1.00	(0.49-	2.01)	
Subtotal 76														0.98	(0.62-	1.55)
*77	HILL2	1	m	t	a	c	2	2	-	-	-	-	1.45	(0.75-	2.81)	
*77	HILL2	2	f	t	a	c	2	2	-	-	-	-	1.16	(0.70-	1.92)	
Subtotal 77														1.26	(0.84-	1.88)
79	ASOMAN	1	c	t	a	e	2	0	114	393	24	73	0.88	(0.53-	1.46)	
85	TSE	1	m	t	a	a	2	0	47	194	85	342	0.97	(0.66-	1.45)	
87	BRENNE	11	c	t	a	e	2	0	109	341	42	105	0.80	(0.53-	1.21)	
92	LIM	1	f	t	a	e	4	0	200	602	226	764	1.12	(0.90-	1.40)	
95	GELAC	2	m	t	a	e	2	0	143	144	176	175	0.99	(0.72-	1.35)	
95	GELAC	16	f	t	a	e	2	0	841	758	380	463	1.35	(1.14-	1.60)	

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

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

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

Table 112
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Mother where no more comprehensive index available - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed Case	Non-exposed Cont	Case	Cont	RR	95.00%CI
Subtotal 95														
96	MASJED	7	m	t	e	e	2	0	9	34	17	136	1.26 (	1.09- 1.46)
96	MASJED	8	f	t	e	e	2	0	15	30	40	89	2.12 (	0.87- 5.16)
Subtotal 96														
100	ILCCO	11	c	t	a	a	2	0	1228	3366	1061	3575	1.11 (	0.54- 2.29)
101	TORRES	1	c	t	a	y	2	0	81	148	111	180	1.44 (	0.82- 2.52)
Partial Totals									6205	62312	4399	38592	1.23 (	1.12- 1.35)
*prospective study													0.89 (	0.62- 1.27)

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Ys	Ws	Qs	Ps
5	BUFFLE	1	m	t	a	e	2	0	-0.68	2.42	1.61	0.2896
5	BUFFLE	2	f	t	a	e	2	0	-0.22	5.19	0.65	0.6209
Subtotal 5												
7	KABAT1	5	m	t	a	c	2	0	0.23	2.13	0.02	0.7331
7	KABAT1	6	f	t	a	c	2	0	-0.09	5.68	0.29	0.8339
Subtotal 7												
8	GARFI2	10	f	t	a	z	1	0	0.14	20.07	0.00	0.5307
12	LEE	13	m	t	a	c	2	0	0.05	2.06	0.02	0.9419
12	LEE	14	f	t	a	c	2	0	-0.23	6.59	0.86	0.5627
Subtotal 12												
14	GAO	10	f	t	a	e	2	2	-0.11	21.40	1.25	0.6259
16	KOO	12	f	t	a	e	2	0	0.23	11.74	0.10	0.4317
22	SHIMIZ	4	f	t	m	e	6	0	1.37	3.14	4.80	0.0150
*24	HOLE	1	m	t	b	e	6	0	1.26	0.67	0.84	0.3028
*24	HOLE	2	f	t	b	e	6	0	0.64	0.84	0.21	0.5613
Subtotal 24												
27	JANERI	7	c	t	a	e	2	0	0.04	13.48	0.13	0.8917
28	KALAND	7	f	t	x	e	6	0	0.35	7.73	0.34	0.3363
30	WU-WIL	6	f	t	a	e	2	0	-0.24	33.48	4.86	0.1570
31	LIUZ	1	f	t	a	c	2	0	-0.30	5.63	1.09	0.4721
32	BROWN2	13	f	t	a	a	2	0	0.04	75.31	0.76	0.7540
33	STOCKW	7	f	t	a	e	7	3	0.47	9.29	1.03	0.1520
36	FONTHA	19	f	t	a	a	2	0	0.16	75.89	0.04	0.1668
39	KABAT2	13	m	t	a	a	2	0	0.13	6.49	0.00	0.7497
39	KABAT2	14	f	t	a	a	2	0	-0.06	11.79	0.44	0.8461
Subtotal 39												
40	SCHWAR	7	c	t	a	e	2	0	0.17	30.21	0.03	0.3643
41	SUN	8	f	t	m	e	6	2	0.72	17.76	6.01	0.0025
*44	CARDEN	17	m	t	a	c	2	7	-0.46	3.71	1.33	0.3735
*44	CARDEN	18	f	t	a	c	2	7	-0.17	21.94	2.12	0.4141
Subtotal 44												
45	ZHENG	1	m	t	a	e	2	0	-0.41	3.07	0.90	0.4776
45	ZHENG	2	f	t	a	e	2	0	0.93	5.43	3.38	0.0310
Subtotal 45												
47	BOFFET	43	m	t	a	e	2	0	0.28	22.29	0.49	0.1800
47	BOFFET	45	f	t	a	e	2	0	-0.03	72.62	2.03	0.7912
Subtotal 47												
49	ZARIDZ	11	f	t	x	e	6	0	-0.02	19.94	0.47	0.9371
54	ZHONG	19	f	t	a	e	2	0	0.05	63.63	0.47	0.6903
55	LEECH	9	f	t	q	a	6	0	-0.12	26.45	1.70	0.5472
57	WANGL	1	m	t	a	e	2	0	0.56	4.89	0.88	0.2158
57	WANGL	3	f	t	a	e	2	0	0.04	12.24	0.12	0.8920
Subtotal 57												
58	JOHNSO	7	f	t	a	e	2	0	0.24	11.94	0.14	0.4008
59	LAGARD	5	c	t	a	a	2	0	0.14	82.21	0.00	0.2052
*60	NISHIN	5	f	t	a	c	2	0	-0.26	5.84	0.92	0.5293
66	MCGHEE	5	m	t	a	p	2	0	0.36	17.79	0.93	0.1240
66	MCGHEE	6	f	t	a	p	2	0	0.41	29.19	2.15	0.0276
Subtotal 66												
*67	EPICA	7	c	t	a	c	2	7	-0.17	5.93	0.57	0.6711
69	FRANCO	1	c	t	a	e	2	2	0.59	15.26	3.11	0.0216
70	GORLOV	13	m	t	a	e	4	0	0.29	6.91	0.16	0.4497
70	GORLOV	14	f	t	a	e	4	0	0.27	14.44	0.25	0.3107
Subtotal 70												
72	RYLAND	3	c	t	a	e	2	1	0.31	9.26	0.30	0.3380
*76	HILL1	1	m	t	a	c	2	2	-0.03	10.57	0.29	0.9211

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

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

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

Table 112
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Mother where no more comprehensive index available - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Ys	Ws	Qs	Ps
*76	HILL1	2	f	t	a	c	2	2	0.00	7.71	0.14	1.0000
Subtotal 76									-0.02	18.28	0.44	
*77	HILL2	1	m	t	a	c	2	2	0.37	8.81	0.49	0.2702
*77	HILL2	2	f	t	a	c	2	2	0.15	15.09	0.00	0.5642
Subtotal 77									0.23	23.90	0.49	
79	ASOMAN	1	c	t	a	e	2	0	-0.13	15.00	1.03	0.6278
85	TSE	1	m	t	a	a	2	0	-0.03	24.32	0.64	0.8997
87	BRENNE	11	c	t	a	e	2	0	-0.22	22.01	2.86	0.2928
92	LIM	1	f	t	a	e	4	0	0.12	80.68	0.03	0.2971
95	GELAC	2	m	t	a	e	2	0	-0.01	39.47	0.88	0.9366
95	GELAC	16	f	t	a	e	2	0	0.30	136.99	3.74	0.0004
Subtotal 95									0.23	176.46	4.61	
96	MASJED	7	m	t	e	e	2	0	0.75	4.84	1.82	0.0989
96	MASJED	8	f	t	e	e	2	0	0.11	7.34	0.01	0.7727
Subtotal 96									0.36	12.18	1.83	
100	ILCCO	11	c	t	a	a	2	0	0.21	428.51	2.11	0.0000
101	TORRES	1	c	t	a	y	2	0	-0.12	29.70	1.94	0.5154

Relative risks

	N	58
	NS	43
	Wt	1655.03
Het	Chi	63.75
Het	df	57
Het	P	N.S.
Fixed	RR	1.15
	RRl	1.09
	RRu	1.20
	P	+++
Random	RR	1.13
	RRl	1.06
	RRu	1.19
	P	+++
Asymm	P	N.S.

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

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

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

Table 113
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Mother where no more comprehensive index available - both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
5	BUFFLE	1	m	t	a	e	2	0	5	56	6	34	0.51	(0.14- 1.79)
5	BUFFLE	2	f	t	a	e	2	0	33	164	8	32	0.80	(0.34- 1.90)
Subtotal 5														
7	KABAT1	5	m	t	a	c	2	0	6	5	19	20	1.26	(0.33- 4.84)
7	KABAT1	6	f	t	a	c	2	0	16	17	37	36	0.92	(0.40- 2.08)
Subtotal 7														
8	GARFI2	10	f	t	a	z	1	0	73	204	42	135	1.15	(0.74- 1.78)
27	JANERI	11	c	t	a	e	2	3	-	-	-	-	1.05	(0.62- 1.77)
32	BROWN2	14	f	t	a	a	2	2	-	-	-	-	1.10	(0.80- 1.30)
33	STOCKW	7	f	t	a	e	7	3	-	-	-	-	1.60	(0.84- 3.04)
36	FONTHA	20	f	t	a	a	2	8	-	-	-	-	1.23	(0.96- 1.57)
39	KABAT2	13	m	t	a	a	2	0	13	34	28	83	1.13	(0.53- 2.45)
39	KABAT2	14	f	t	a	a	2	0	43	119	26	68	0.95	(0.53- 1.67)
Subtotal 39														
40	SCHWAR	8	c	t	a	e	2	2	-	-	-	-	1.10	(0.80- 1.60)
*44	CARDEN	17	m	t	a	c	2	7	-	-	-	-	0.63	(0.23- 1.76)
*44	CARDEN	18	f	t	a	c	2	7	-	-	-	-	0.84	(0.55- 1.27)
Subtotal 44														
58	JOHNSO	8	f	t	a	e	2	4	-	-	-	-	1.20	(0.62- 2.30)
69	FRANCO	1	c	t	a	e	2	2	-	-	-	-	1.80	(1.10- 3.00)
70	GORLOV	1	m	t	a	e	4	4	-	-	-	-	1.41	(0.60- 3.30)
70	GORLOV	2	f	t	a	e	4	4	-	-	-	-	1.15	(0.63- 2.10)
Subtotal 70														
79	ASOMAN	1	c	t	a	e	2	0	114	393	24	73	0.88	(0.53- 1.46)
87	BRENNE	11	c	t	a	e	2	0	109	341	42	105	0.80	(0.53- 1.21)
Partial Totals									412	1333	232	586		
*prospective study														

Europe

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
12	LEE	13	m	t	a	c	2	0	3	32	9	101	1.05	(0.27- 4.12)
12	LEE	14	f	t	a	c	2	0	11	126	21	192	0.80	(0.37- 1.71)
Subtotal 12														
*24	HOLE	3	c	t	b	e	6	2	-	-	-	-	2.41	(0.45- 12.83)
28	KALAND	7	f	t	x	e	6	0	75	92	15	26	1.41	(0.70- 2.86)
47	BOFFET	44	m	t	a	e	2	2	-	-	-	-	1.45	(0.91- 2.33)
47	BOFFET	46	f	t	a	e	2	2	-	-	-	-	1.01	(0.79- 1.29)
Subtotal 47														
49	ZARIDZ	12	f	t	x	e	6	2	-	-	-	-	0.91	(0.58- 1.42)
59	LAGARD	6	c	t	a	a	2	6	-	-	-	-	1.15	(0.91- 1.45)
*67	EPICA	7	c	t	a	c	2	7	-	-	-	-	0.84	(0.38- 1.90)
72	RYLAND	3	c	t	a	e	2	1	-	-	-	-	1.37	(0.72- 2.61)
101	TORRES	2	c	t	a	y	2	2	-	-	-	-	0.71	(0.48- 1.05)
Partial Totals									89	250	45	319		
*prospective study														

Asia

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
14	GAO	10	f	t	a	e	2	2	-	-	-	-	0.90	(0.60- 1.40)
16	KOO	13	f	t	a	e	2	4	-	-	-	-	1.47	(0.56- 3.82)
22	SHIMIZ	4	f	t	m	e	6	0	10	5	80	158	3.95	(1.31- 11.95)
30	WU-WIL	6	f	t	a	e	2	0	343	515	74	87	0.78	(0.56- 1.10)
31	LIUZ	2	f	t	a	c	2	3	-	-	-	-	0.77	(0.30- 1.96)
41	SUN	8	f	t	m	e	6	2	-	-	-	-	2.05	(1.29- 3.27)
45	ZHENG	1	m	t	a	e	2	0	8	12	17	17	0.67	(0.22- 2.04)
45	ZHENG	2	f	t	a	e	2	0	62	179	7	51	2.52	(1.09- 5.85)
Subtotal 45														
54	ZHONG	20	f	t	a	e	2	7	-	-	-	-	1.08	(0.82- 1.41)
55	LEECH	10	f	t	q	a	6	7	-	-	-	-	0.80	(0.51- 1.24)
57	WANGL	2	m	t	a	e	2	4	-	-	-	-	1.22	(0.50- 3.30)
57	WANGL	4	f	t	a	e	2	4	-	-	-	-	1.15	(0.60- 2.10)
Subtotal 57														
*60	NISHIN	6	f	t	a	c	2	1	-	-	-	-	0.87	(0.37- 2.01)
66	MCGHEE	1	m	t	a	p	2	2	-	-	-	-	1.34	(0.82- 2.17)
66	MCGHEE	2	f	t	a	p	2	2	-	-	-	-	1.38	(0.94- 2.04)

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

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

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Table 113
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Mother where no more comprehensive index available - both sexes
 By continent - adjusted

Asia									Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Case	Cont	Case	Cont		
Subtotal 66									-	-	-	-	1.36 (1.01- 1.85)	
85	TSE	10	m	t	a	a	2	9	-	-	-	-	0.90 (0.57- 1.41)	
92	LIM	1	f	t	a	e	4	0	200	602	226	764	1.12 (0.90- 1.40)	
95	GELAC	9	m	t	a	e	2	3	-	-	-	-	0.94 (0.67- 1.32)	
95	GELAC	24	f	t	a	e	2	3	-	-	-	-	1.30 (1.09- 1.54)	
Subtotal 95									-	-	-	-	1.22 (1.04- 1.42)	
96	MASJED	7	m	t	e	e	2	0	9	34	17	136	2.12 (0.87- 5.16)	
96	MASJED	8	f	t	e	e	2	0	15	30	40	89	1.11 (0.54- 2.29)	
Subtotal 96									-	-	-	-	1.44 (0.82- 2.52)	
Partial Totals									647	1377	461	1302		
*prospective study														

Other									Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Case	Cont	Case	Cont		
*76	HILL1	3	m	t	a	c	2	9	-	-	-	-	1.08 (0.56- 2.09)	
*76	HILL1	2	f	t	a	c	2	2	-	-	-	-	1.00 (0.49- 2.01)	
Subtotal 76									-	-	-	-	1.04 (0.64- 1.69)	
*77	HILL2	1	m	t	a	c	2	2	-	-	-	-	1.45 (0.75- 2.81)	
*77	HILL2	3	f	t	a	c	2	9	-	-	-	-	1.38 (0.78- 2.41)	
Subtotal 77									-	-	-	-	1.41 (0.92- 2.16)	
100	ILCCO	16	c	t	a	a	2	3	-	-	-	-	1.20 (1.08- 1.34)	
Partial Totals									0	0	0	0		
*prospective study														

NAmerica Europe Asia Other Total

Relative risks

N	20	11	21	5	57
NS	15	9	16	3	43
Wt	340.44	229.28	499.52	367.69	1436.92
Het Chi	14.45	9.80	32.87	0.90	61.30
Het df	19	10	20	4	56
Het P	N.S.	N.S.	*	N.S.	N.S.
Fixed RR	1.09	1.05	1.15	1.20	1.13
RRl	0.98	0.92	1.05	1.09	1.07
RRu	1.21	1.19	1.25	1.33	1.19
P	N.S.	N.S.	++	+++	+++
Random RR	1.09	1.05	1.14	1.20	1.12
RRl	0.98	0.92	1.00	1.09	1.05
RRu	1.21	1.19	1.30	1.33	1.19
P	N.S.	N.S.	+	+++	+++
Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.
Between Chi		0.20	0.54	1.75	3.28
Between df		1	1	1	3
Between P		N.S.	N.S.	N.S.	N.S.

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

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

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Table 114
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Mother where no more comprehensive index available - both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
5	BUFFLE	1	m	t	a	e	2	0	5	56	6	34	0.51	(0.14-	1.79)
5	BUFFLE	2	f	t	a	e	2	0	33	164	8	32	0.80	(0.34-	1.90)
Subtotal 5															
7	KABAT1	5	m	t	a	c	2	0	6	5	19	20	1.26	(0.33-	4.84)
7	KABAT1	6	f	t	a	c	2	0	16	17	37	36	0.92	(0.40-	2.08)
Subtotal 7															
8	GARFI2	10	f	t	a	z	1	0	73	204	42	135	1.15	(0.74-	1.78)
27	JANERI	7	c	t	a	e	2	0	159	158	32	33	1.04	(0.61-	1.77)
32	BROWN2	13	f	t	a	a	2	0	261	696	170	470	1.04	(0.83-	1.30)
33	STOCKW	7	f	t	a	e	7	3	-	-	-	-	1.60	(0.84-	3.04)
36	FONTHA	19	f	t	a	a	2	0	509	941	144	312	1.17	(0.94-	1.47)
39	KABAT2	13	m	t	a	a	2	0	13	34	28	83	1.13	(0.53-	2.45)
39	KABAT2	14	f	t	a	a	2	0	43	119	26	68	0.95	(0.53-	1.67)
Subtotal 39															
40	SCHWAR	7	c	t	a	e	2	0	172	175	85	102	1.18	(0.83-	1.68)
*44	CARDEN	17	m	t	a	c	2	7	-	-	-	-	0.63	(0.23-	1.76)
*44	CARDEN	18	f	t	a	c	2	7	-	-	-	-	0.84	(0.55-	1.27)
Subtotal 44															
58	JOHNSO	7	f	t	a	e	2	0	54	543	17	218	1.28	(0.72-	2.25)
69	FRANCO	1	c	t	a	e	2	2	-	-	-	-	1.80	(1.10-	3.00)
70	GORLOV	13	m	t	a	e	4	0	36	25	27	25	1.33	(0.63-	2.81)
70	GORLOV	14	f	t	a	e	4	0	92	89	38	48	1.31	(0.78-	2.19)
Subtotal 70															
79	ASOMAN	1	c	t	a	e	2	0	114	393	24	73	0.88	(0.53-	1.46)
87	BRENNE	11	c	t	a	e	2	0	109	341	42	105	0.80	(0.53-	1.21)
Partial Totals									1695	3960	745	1794			
*prospective study															

Europe

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
12	LEE	13	m	t	a	c	2	0	3	32	9	101	1.05	(0.27-	4.12)
12	LEE	14	f	t	a	c	2	0	11	126	21	192	0.80	(0.37-	1.71)
Subtotal 12															
*24	HOLE	1	m	t	b	e	6	0	2	243	1	428	3.52	(0.32-	38.65)
*24	HOLE	2	f	t	b	e	6	0	5	1295	1	489	1.89	(0.22-	16.12)
Subtotal 24															
28	KALAND	7	f	t	x	e	6	0	75	92	15	26	1.41	(0.70-	2.86)
47	BOFFET	43	m	t	a	e	2	0	41	125	100	405	1.33	(0.88-	2.01)
47	BOFFET	45	f	t	a	e	2	0	347	698	160	312	0.97	(0.77-	1.22)
Subtotal 47															
49	ZARIDZ	11	f	t	x	e	6	0	38	73	151	285	0.98	(0.63-	1.52)
59	LAGARD	5	c	t	a	a	2	0	179	611	254	997	1.15	(0.93-	1.43)
*67	EPICA	7	c	t	a	c	2	7	-	-	-	-	0.84	(0.38-	1.90)
72	RYLAND	3	c	t	a	e	2	1	-	-	-	-	1.37	(0.72-	2.61)
101	TORRES	1	c	t	a	y	2	0	81	148	111	180	0.89	(0.62-	1.27)
Partial Totals									782	3443	823	3415			
*prospective study															

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

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

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Table 114
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Mother where no more comprehensive index available - both sexes
 By continent - unadjusted

Asia										Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Case	Cont	Case	Cont			
14	GAO	10	f	t	a	e	2	2	-	-	-	-	0.90 (0.60- 1.40)		
16	KOO	12	f	t	a	e	2	0	61	88	27	49	1.26 (0.71- 2.23)		
22	SHIMIZ	4	f	t	m	e	6	0	10	5	80	158	3.95 (1.31- 11.95)		
30	WU-WIL	6	f	t	a	e	2	0	343	515	74	87	0.78 (0.56- 1.10)		
31	LIUZ	1	f	t	a	c	2	0	45	176	9	26	0.74 (0.32- 1.69)		
41	SUN	8	f	t	m	e	6	2	-	-	-	-	2.05 (1.29- 3.27)		
45	ZHENG	1	m	t	a	e	2	0	8	12	17	17	0.67 (0.22- 2.04)		
45	ZHENG	2	f	t	a	e	2	0	62	179	7	51	2.52 (1.09- 5.85)		
Subtotal 45														1.56 (0.80- 3.06)	
54	ZHONG	19	f	t	a	e	2	0	322	377	182	224	1.05 (0.82- 1.34)		
55	LEECH	9	f	t	q	a	6	0	51	93	217	352	0.89 (0.61- 1.30)		
57	WANGL	1	m	t	a	e	2	0	24	72	8	42	1.75 (0.72- 4.24)		
57	WANGL	3	f	t	a	e	2	0	176	364	20	43	1.04 (0.59- 1.82)		
Subtotal 57														1.21 (0.75- 1.94)	
*60	NISHIN	5	f	t	a	c	2	0	14	47679	10	26248	0.77 (0.34- 1.73)		
66	MCGHEE	5	m	t	a	p	2	0	33	71	112	347	1.44 (0.90- 2.29)		
66	MCGHEE	6	f	t	a	p	2	0	96	150	83	195	1.50 (1.05- 2.16)		
Subtotal 66														1.48 (1.11- 1.97)	
85	TSE	1	m	t	a	a	2	0	47	194	85	342	0.97 (0.66- 1.45)		
92	LIM	1	f	t	a	e	4	0	200	602	226	764	1.12 (0.90- 1.40)		
95	GELAC	2	m	t	a	e	2	0	143	144	176	175	0.99 (0.72- 1.35)		
95	GELAC	16	f	t	a	e	2	0	841	758	380	463	1.35 (1.14- 1.60)		
Subtotal 95														1.26 (1.09- 1.46)	
96	MASJED	7	m	t	e	e	2	0	9	34	17	136	2.12 (0.87- 5.16)		
96	MASJED	8	f	t	e	e	2	0	15	30	40	89	1.11 (0.54- 2.29)		
Subtotal 96														1.44 (0.82- 2.52)	
Partial Totals										2500	51543	1770	29808		
*prospective study															

Other										Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Case	Cont	Case	Cont			
*76	HILL1	1	m	t	a	c	2	2	-	-	-	-	0.97 (0.53- 1.77)		
*76	HILL1	2	f	t	a	c	2	2	-	-	-	-	1.00 (0.49- 2.01)		
Subtotal 76														0.98 (0.62- 1.55)	
*77	HILL2	1	m	t	a	c	2	2	-	-	-	-	1.45 (0.75- 2.81)		
*77	HILL2	2	f	t	a	c	2	2	-	-	-	-	1.16 (0.70- 1.92)		
Subtotal 77														1.26 (0.84- 1.88)	
100	ILCCO	11	c	t	a	a	2	0	1228	3366	1061	3575	1.23 (1.12- 1.35)		
Partial Totals										1228	3366	1061	3575		
*prospective study															

NAmerica Europe Asia Other Total

Relative risks

N	20	12	21	5	58
NS	15	9	16	3	43
Wt	369.16	259.86	555.32	470.69	1655.03
Het Chi	14.88	6.65	36.49	1.19	63.75
Het df	19	11	20	4	57
Het P	N.S.	N.S.	*	N.S.	N.S.
Fixed RR	1.09	1.06	1.17	1.22	1.15
RRl	0.98	0.94	1.07	1.11	1.09
RRu	1.20	1.20	1.27	1.34	1.20
P	N.S.	N.S.	+++	+++	+++
Random RR	1.09	1.06	1.16	1.22	1.13
RRl	0.98	0.94	1.02	1.11	1.06
RRu	1.20	1.20	1.32	1.34	1.19
P	N.S.	N.S.	+	+++	+++
Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.
Between Chi		0.06	1.16	2.84	4.54
Between df		1	1	1	3
Between P		N.S.	N.S.	(+)	N.S.

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

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

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Table 115
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Father where no more comprehensive index available - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
5	BUFFLE	1	m	t	a	e	2	0	5	56	6	34	0.51	(0.14-	1.79)
5	BUFFLE	2	f	t	a	e	2	0	33	164	8	32	0.80	(0.34-	1.90)
Subtotal 5															
7	KABAT1	5	m	t	a	c	2	0	6	5	19	20	1.26	(0.33-	4.84)
7	KABAT1	6	f	t	a	c	2	0	16	17	37	36	0.92	(0.40-	2.08)
Subtotal 7															
8	GARFI2	10	f	t	a	z	1	0	73	204	42	135	1.15	(0.74-	1.78)
12	LEE	13	m	t	a	c	2	0	3	32	9	101	1.05	(0.27-	4.12)
12	LEE	14	f	t	a	c	2	0	11	126	21	192	0.80	(0.37-	1.71)
Subtotal 12															
14	GAO	10	f	t	a	e	2	2	-	-	-	-	0.90	(0.60-	1.40)
16	KOO	13	f	t	a	e	2	4	-	-	-	-	1.47	(0.56-	3.82)
22	SHIMIZ	3	f	t	f	e	6	0	39	67	51	96	1.10	(0.65-	1.84)
*24	HOLE	3	c	t	b	e	6	2	-	-	-	-	2.41	(0.45-	12.83)
27	JANERI	11	c	t	a	e	2	3	-	-	-	-	1.05	(0.62-	1.77)
28	KALAND	7	f	t	x	e	6	0	75	92	15	26	1.41	(0.70-	2.86)
30	WU-WIL	6	f	t	a	e	2	0	343	515	74	87	0.78	(0.56-	1.10)
31	LIUZ	2	f	t	a	c	2	3	-	-	-	-	0.77	(0.30-	1.96)
32	BROWN2	14	f	t	a	a	2	2	-	-	-	-	1.10	(0.80-	1.30)
33	STOCKW	7	f	t	a	e	7	3	-	-	-	-	1.60	(0.84-	3.04)
36	FONTHA	20	f	t	a	a	2	8	-	-	-	-	1.23	(0.96-	1.57)
39	KABAT2	13	m	t	a	a	2	0	13	34	28	83	1.13	(0.53-	2.45)
39	KABAT2	14	f	t	a	a	2	0	43	119	26	68	0.95	(0.53-	1.67)
Subtotal 39															
40	SCHWAR	8	c	t	a	e	2	2	-	-	-	-	1.10	(0.80-	1.60)
41	SUN	9	f	t	f	e	6	2	-	-	-	-	2.35	(1.56-	3.54)
*44	CARDEN	17	m	t	a	c	2	7	-	-	-	-	0.63	(0.23-	1.76)
*44	CARDEN	18	f	t	a	c	2	7	-	-	-	-	0.84	(0.55-	1.27)
Subtotal 44															
45	ZHENG	1	m	t	a	e	2	0	8	12	17	17	0.67	(0.22-	2.04)
45	ZHENG	2	f	t	a	e	2	0	62	179	7	51	2.52	(1.09-	5.85)
Subtotal 45															
47	BOFFET	44	m	t	a	e	2	2	-	-	-	-	1.45	(0.91-	2.33)
47	BOFFET	46	f	t	a	e	2	2	-	-	-	-	1.01	(0.79-	1.29)
Subtotal 47															
49	ZARIDZ	12	f	t	x	e	6	2	-	-	-	-	0.91	(0.58-	1.42)
54	ZHONG	20	f	t	a	e	2	7	-	-	-	-	1.08	(0.82-	1.41)
55	LEECH	10	f	t	q	a	6	7	-	-	-	-	0.80	(0.51-	1.24)
57	WANGL	2	m	t	a	e	2	4	-	-	-	-	1.22	(0.50-	3.30)
57	WANGL	4	f	t	a	e	2	4	-	-	-	-	1.15	(0.60-	2.10)
Subtotal 57															
58	JOHNSO	8	f	t	a	e	2	4	-	-	-	-	1.20	(0.62-	2.30)
59	LAGARD	6	c	t	a	a	2	6	-	-	-	-	1.15	(0.91-	1.45)
*60	NISHIN	6	f	t	a	c	2	1	-	-	-	-	0.87	(0.37-	2.01)
66	MCGHEE	1	m	t	a	p	2	2	-	-	-	-	1.34	(0.82-	2.17)
66	MCGHEE	2	f	t	a	p	2	2	-	-	-	-	1.38	(0.94-	2.04)
Subtotal 66															
*67	EPICA	7	c	t	a	c	2	7	-	-	-	-	0.84	(0.38-	1.90)
69	FRANCO	1	c	t	a	e	2	2	-	-	-	-	1.80	(1.10-	3.00)
70	GORLOV	1	m	t	a	e	4	4	-	-	-	-	1.41	(0.60-	3.30)
70	GORLOV	2	f	t	a	e	4	4	-	-	-	-	1.15	(0.63-	2.10)
Subtotal 70															
72	RYLAND	3	c	t	a	e	2	1	-	-	-	-	1.37	(0.72-	2.61)
*76	HILL1	3	m	t	a	c	2	9	-	-	-	-	1.08	(0.56-	2.09)
*76	HILL1	2	f	t	a	c	2	2	-	-	-	-	1.00	(0.49-	2.01)
Subtotal 76															
*77	HILL2	1	m	t	a	c	2	2	-	-	-	-	1.45	(0.75-	2.81)
*77	HILL2	3	f	t	a	c	2	9	-	-	-	-	1.38	(0.78-	2.41)
Subtotal 77															
79	ASOMAN	1	c	t	a	e	2	0	114	393	24	73	0.88	(0.53-	1.46)
85	TSE	10	m	t	a	a	2	9	-	-	-	-	0.90	(0.57-	1.41)
87	BRENNE	11	c	t	a	e	2	0	109	341	42	105	0.80	(0.53-	1.21)
92	LIM	1	f	t	a	e	4	0	200	602	226	764	1.12	(0.90-	1.40)
95	GELAC	9	m	t	a	e	2	3	-	-	-	-	0.94	(0.67-	1.32)
95	GELAC	24	f	t	a	e	2	3	-	-	-	-	1.30	(1.09-	1.54)
Subtotal 95															
96	MASJED	7	m	t	e	e	2	0	9	34	17	136	2.12	(0.87-	5.16)

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

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

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Table 115
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Father where no more comprehensive index available - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
									Case	Cont	Case	Cont				
96	MASJED	8	f	t	e	e	2	0	15	30	40	89	1.11	(0.54-	2.29)	
Subtotal 96														1.44	(0.82-	2.52)
100	ILCCO	16	c	t	a	a	2	3	-	-	-	-	1.20	(1.08-	1.34)	
101	TORRES	2	c	t	a	y	2	2	-	-	-	-	0.71	(0.48-	1.05)	
Partial Totals									1177	3022	709	2145				

*prospective study

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Ys	Ws	Qs	Ps
5	BUFFLE	1	m	t	a	e	2	0	-0.68	2.42	1.57	0.2896
5	BUFFLE	2	f	t	a	e	2	0	-0.22	5.19	0.60	0.6209
Subtotal 5												
7	KABAT1	5	m	t	a	c	2	0	0.23	2.13	0.03	0.7331
7	KABAT1	6	f	t	a	c	2	0	-0.09	5.68	0.26	0.8339
Subtotal 7												
8	GARFI2	10	f	t	a	z	1	0	0.14	20.07	0.00	0.5307
12	LEE	13	m	t	a	c	2	0	0.05	2.06	0.01	0.9419
12	LEE	14	f	t	a	c	2	0	-0.23	6.59	0.81	0.5627
Subtotal 12												
14	GAO	10	f	t	a	e	2	2	-0.11	21.40	1.13	0.6259
16	KOO	13	f	t	a	e	2	4	0.39	4.17	0.28	0.4316
22	SHIMIZ	3	f	t	f	e	6	0	0.09	14.17	0.02	0.7309
*24	HOLE	3	c	t	b	e	6	2	0.88	1.37	0.78	0.3034
27	JANERI	11	c	t	a	e	2	3	0.05	13.96	0.08	0.8553
28	KALAND	7	f	t	x	e	6	0	0.35	7.73	0.38	0.3363
30	WU-WIL	6	f	t	a	e	2	0	-0.24	33.48	4.55	0.1570
31	LIUZ	2	f	t	a	c	2	3	-0.26	4.36	0.65	0.5852
32	BROWN2	14	f	t	a	a	2	2	0.10	65.19	0.05	0.4416
33	STOCKW	7	f	t	a	e	7	3	0.47	9.29	1.11	0.1520
36	FONTHA	20	f	t	a	a	2	8	0.21	63.50	0.44	0.0990
39	KABAT2	13	m	t	a	a	2	0	0.13	6.49	0.00	0.7497
39	KABAT2	14	f	t	a	a	2	0	-0.06	11.79	0.39	0.8461
Subtotal 39												
40	SCHWAR	8	c	t	a	e	2	2	0.10	31.98	0.03	0.5899
41	SUN	9	f	t	f	e	6	2	0.85	22.88	12.20	0.0000
*44	CARDEN	17	m	t	a	c	2	7	-0.46	3.71	1.28	0.3735
*44	CARDEN	18	f	t	a	c	2	7	-0.17	21.94	1.96	0.4141
Subtotal 44												
45	ZHENG	1	m	t	a	e	2	0	-0.41	3.07	0.86	0.4776
45	ZHENG	2	f	t	a	e	2	0	0.93	5.43	3.49	0.0310
Subtotal 45												
47	BOFFET	44	m	t	a	e	2	2	0.37	17.38	1.06	0.1213
47	BOFFET	46	f	t	a	e	2	2	0.01	63.90	0.83	0.9366
Subtotal 47												
49	ZARIDZ	12	f	t	x	e	6	2	-0.09	19.17	0.92	0.6797
54	ZHONG	20	f	t	a	e	2	7	0.08	52.30	0.12	0.5778
55	LEECH	10	f	t	q	a	6	7	-0.22	19.47	2.35	0.3249
57	WANGL	2	m	t	a	e	2	4	0.20	4.31	0.02	0.6796
57	WANGL	4	f	t	a	e	2	4	0.14	9.79	0.00	0.6619
Subtotal 57												
58	JOHNSO	8	f	t	a	e	2	4	0.18	8.94	0.03	0.5856
59	LAGARD	6	c	t	a	a	2	6	0.14	70.80	0.02	0.2396
*60	NISHIN	6	f	t	a	c	2	1	-0.14	5.36	0.37	0.7470
66	MCGHEE	1	m	t	a	p	2	2	0.29	16.22	0.46	0.2385
66	MCGHEE	2	f	t	a	p	2	2	0.32	25.59	1.00	0.1032
Subtotal 66												
*67	EPICA	7	c	t	a	c	2	7	-0.17	5.93	0.53	0.6711
69	FRANCO	1	c	t	a	e	2	2	0.59	15.26	3.28	0.0216
70	GORLOV	1	m	t	a	e	4	4	0.34	5.29	0.25	0.4295
70	GORLOV	2	f	t	a	e	4	4	0.14	10.60	0.00	0.6491
Subtotal 70												
72	RYLAND	3	c	t	a	e	2	1	0.31	9.26	0.34	0.3380
*76	HILL1	3	m	t	a	c	2	9	0.08	8.86	0.02	0.8188
*76	HILL1	2	f	t	a	c	2	2	0.00	7.71	0.12	1.0000
Subtotal 76												
*77	HILL2	1	m	t	a	c	2	2	0.37	8.81	0.54	0.2702
*77	HILL2	3	f	t	a	c	2	9	0.32	12.07	0.47	0.2631

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

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

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

Table 115
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Father where no more comprehensive index available - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Ys	Ws	Qs	Ps
Subtotal 77									0.34	20.88	1.01	
79	ASOMAN	1	c	t	a	e	2	0	-0.13	15.00	0.93	0.6278
85	TSE	10	m	t	a	a	2	9	-0.11	18.73	0.99	0.6484
87	BRENNE	11	c	t	a	e	2	0	-0.22	22.01	2.67	0.2928
92	LIM	1	f	t	a	e	4	0	0.12	80.68	0.01	0.2971
95	GELAC	9	m	t	a	e	2	3	-0.06	33.42	1.16	0.7206
95	GELAC	24	f	t	a	e	2	3	0.26	128.65	2.46	0.0029
Subtotal 95									0.20	162.06	3.61	
96	MASJED	7	m	t	e	e	2	0	0.75	4.84	1.90	0.0989
96	MASJED	8	f	t	e	e	2	0	0.11	7.34	0.00	0.7727
Subtotal 96									0.36	12.18	1.90	
100	ILCCO	16	c	t	a	a	2	3	0.18	330.23	1.11	0.0009
101	TORRES	2	c	t	a	y	2	2	-0.34	25.08	5.46	0.0863

Relative risks

N	57
NS	43
Wt	1453.08
Het Chi	62.37
Het df	56
Het P	N.S.
Fixed RR	1.13
RRl	1.08
RRu	1.19
P	+++
Random RR	1.12
RRl	1.05
RRu	1.19
P	+++
Asymm P	N.S.

 Within each study, results are selected according to the following order of preference:
 1) HOU : a, x, p, f, m, q, r, s, c, y, b, other 3) TIM : e, a, z, y, w, f, v, c, other
 2) TYP : t, g, other 4) UNX : 2, 1, 4, 3, other
 See page 2 of this report for a key to the meanings of the variable names and their values.

Table 116
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Father where no more comprehensive index available - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
5	BUFFLE	1	m	t	a	e	2	0	5	56	6	34	0.51	(0.14-	1.79)
5	BUFFLE	2	f	t	a	e	2	0	33	164	8	32	0.80	(0.34-	1.90)
Subtotal 5															
7	KABAT1	5	m	t	a	c	2	0	6	5	19	20	1.26	(0.33-	4.84)
7	KABAT1	6	f	t	a	c	2	0	16	17	37	36	0.92	(0.40-	2.08)
Subtotal 7															
8	GARFI2	10	f	t	a	z	1	0	73	204	42	135	1.15	(0.74-	1.78)
12	LEE	13	m	t	a	c	2	0	3	32	9	101	1.05	(0.27-	4.12)
12	LEE	14	f	t	a	c	2	0	11	126	21	192	0.80	(0.37-	1.71)
Subtotal 12															
14	GAO	10	f	t	a	e	2	2	-	-	-	-	0.90	(0.60-	1.40)
16	KOO	12	f	t	a	e	2	0	61	88	27	49	1.26	(0.71-	2.23)
22	SHIMIZ	3	f	t	f	e	6	0	39	67	51	96	1.10	(0.65-	1.84)
*24	HOLE	1	m	t	b	e	6	0	2	243	1	428	3.52	(0.32-	38.65)
*24	HOLE	2	f	t	b	e	6	0	5	1295	1	489	1.89	(0.22-	16.12)
Subtotal 24															
27	JANERI	7	c	t	a	e	2	0	159	158	32	33	1.04	(0.61-	1.77)
28	KALAND	7	f	t	x	e	6	0	75	92	15	26	1.41	(0.70-	2.86)
30	WU-WIL	6	f	t	a	e	2	0	343	515	74	87	0.78	(0.56-	1.10)
31	LIUZ	1	f	t	a	c	2	0	45	176	9	26	0.74	(0.32-	1.69)
32	BROWN2	13	f	t	a	a	2	0	261	696	170	470	1.04	(0.83-	1.30)
33	STOCKW	7	f	t	a	e	7	3	-	-	-	-	1.60	(0.84-	3.04)
36	FONTHA	19	f	t	a	a	2	0	509	941	144	312	1.17	(0.94-	1.47)
39	KABAT2	13	m	t	a	a	2	0	13	34	28	83	1.13	(0.53-	2.45)
39	KABAT2	14	f	t	a	a	2	0	43	119	26	68	0.95	(0.53-	1.67)
Subtotal 39															
40	SCHWAR	7	c	t	a	e	2	0	172	175	85	102	1.18	(0.83-	1.68)
41	SUN	9	f	t	f	e	6	2	-	-	-	-	2.35	(1.56-	3.54)
*44	CARDEN	17	m	t	a	c	2	7	-	-	-	-	0.63	(0.23-	1.76)
*44	CARDEN	18	f	t	a	c	2	7	-	-	-	-	0.84	(0.55-	1.27)
Subtotal 44															
45	ZHENG	1	m	t	a	e	2	0	8	12	17	17	0.67	(0.22-	2.04)
45	ZHENG	2	f	t	a	e	2	0	62	179	7	51	2.52	(1.09-	5.85)
Subtotal 45															
47	BOFFET	43	m	t	a	e	2	0	41	125	100	405	1.33	(0.88-	2.01)
47	BOFFET	45	f	t	a	e	2	0	347	698	160	312	0.97	(0.77-	1.22)
Subtotal 47															
49	ZARIDZ	11	f	t	x	e	6	0	38	73	151	285	0.98	(0.63-	1.52)
54	ZHONG	19	f	t	a	e	2	0	322	377	182	224	1.05	(0.82-	1.34)
55	LEECH	9	f	t	q	a	6	0	51	93	217	352	0.89	(0.61-	1.30)
57	WANGL	1	m	t	a	e	2	0	24	72	8	42	1.75	(0.72-	4.24)
57	WANGL	3	f	t	a	e	2	0	176	364	20	43	1.04	(0.59-	1.82)
Subtotal 57															
58	JOHNSO	7	f	t	a	e	2	0	54	543	17	218	1.28	(0.72-	2.25)
59	LAGARD	5	c	t	a	a	2	0	179	611	254	997	1.15	(0.93-	1.43)
*60	NISHIN	5	f	t	a	c	2	0	14	47679	10	26248	0.77	(0.34-	1.73)
66	MCGHEE	5	m	t	a	p	2	0	33	71	112	347	1.44	(0.90-	2.29)
66	MCGHEE	6	f	t	a	p	2	0	96	150	83	195	1.50	(1.05-	2.16)
Subtotal 66															
*67	EPICA	7	c	t	a	c	2	7	-	-	-	-	0.84	(0.38-	1.90)
69	FRANCO	1	c	t	a	e	2	2	-	-	-	-	1.80	(1.10-	3.00)
70	GORLOV	13	m	t	a	e	4	0	36	25	27	25	1.33	(0.63-	2.81)
70	GORLOV	14	f	t	a	e	4	0	92	89	38	48	1.31	(0.78-	2.19)
Subtotal 70															
72	RYLAND	3	c	t	a	e	2	1	-	-	-	-	1.37	(0.72-	2.61)
*76	HILL1	1	m	t	a	c	2	2	-	-	-	-	0.97	(0.53-	1.77)
*76	HILL1	2	f	t	a	c	2	2	-	-	-	-	1.00	(0.49-	2.01)
Subtotal 76															
*77	HILL2	1	m	t	a	c	2	2	-	-	-	-	1.45	(0.75-	2.81)
*77	HILL2	2	f	t	a	c	2	2	-	-	-	-	1.16	(0.70-	1.92)
Subtotal 77															
79	ASOMAN	1	c	t	a	e	2	0	114	393	24	73	0.88	(0.53-	1.46)
85	TSE	1	m	t	a	a	2	0	47	194	85	342	0.97	(0.66-	1.45)
87	BRENNE	11	c	t	a	e	2	0	109	341	42	105	0.80	(0.53-	1.21)
92	LIM	1	f	t	a	e	4	0	200	602	226	764	1.12	(0.90-	1.40)
95	GELAC	2	m	t	a	e	2	0	143	144	176	175	0.99	(0.72-	1.35)
95	GELAC	16	f	t	a	e	2	0	841	758	380	463	1.35	(1.14-	1.60)

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

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

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

Table 116
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Father where no more comprehensive index available - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed Case	Non-exposed Cont	Case	Cont	RR	95.00%CI
Subtotal 95														
96	MASJED	7	m	t	e	e	2	0	9	34	17	136	1.26 (	1.09- 1.46)
96	MASJED	8	f	t	e	e	2	0	15	30	40	89	2.12 (	0.87- 5.16)
Subtotal 96														
100	ILCCO	11	c	t	a	a	2	0	1228	3366	1061	3575	1.11 (	0.54- 2.29)
101	TORRES	1	c	t	a	y	2	0	81	148	111	180	1.44 (	0.82- 2.52)
Partial Totals									6234	62374	4370	38530	1.23 (	1.12- 1.35)
*prospective study													0.89 (	0.62- 1.27)

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Ys	Ws	Qs	Ps
5	BUFFLE	1	m	t	a	e	2	0	-0.68	2.42	1.62	0.2896
5	BUFFLE	2	f	t	a	e	2	0	-0.22	5.19	0.65	0.6209
Subtotal 5												
7	KABAT1	5	m	t	a	c	2	0	0.23	2.13	0.02	0.7331
7	KABAT1	6	f	t	a	c	2	0	-0.09	5.68	0.29	0.8339
Subtotal 7												
8	GARFI2	10	f	t	a	z	1	0	0.14	20.07	0.00	0.5307
12	LEE	13	m	t	a	c	2	0	0.05	2.06	0.02	0.9419
12	LEE	14	f	t	a	c	2	0	-0.23	6.59	0.87	0.5627
Subtotal 12												
14	GAO	10	f	t	a	e	2	2	-0.11	21.40	1.26	0.6259
16	KOO	12	f	t	a	e	2	0	0.23	11.74	0.10	0.4317
22	SHIMIZ	3	f	t	f	e	6	0	0.09	14.17	0.03	0.7309
*24	HOLE	1	m	t	b	e	6	0	1.26	0.67	0.84	0.3028
*24	HOLE	2	f	t	b	e	6	0	0.64	0.84	0.21	0.5613
Subtotal 24												
27	JANERI	7	c	t	a	e	2	0	0.04	13.48	0.14	0.8917
28	KALAND	7	f	t	x	e	6	0	0.35	7.73	0.34	0.3363
30	WU-WIL	6	f	t	a	e	2	0	-0.24	33.48	4.88	0.1570
31	LIUZ	1	f	t	a	c	2	0	-0.30	5.63	1.09	0.4721
32	BROWN2	13	f	t	a	a	2	0	0.04	75.31	0.77	0.7540
33	STOCKW	7	f	t	a	e	7	3	0.47	9.29	1.03	0.1520
36	FONTHA	19	f	t	a	a	2	0	0.16	75.89	0.04	0.1668
39	KABAT2	13	m	t	a	a	2	0	0.13	6.49	0.00	0.7497
39	KABAT2	14	f	t	a	a	2	0	-0.06	11.79	0.44	0.8461
Subtotal 39												
40	SCHWAR	7	c	t	a	e	2	0	0.17	30.21	0.02	0.3643
41	SUN	9	f	t	f	e	6	2	0.85	22.88	11.77	0.0000
*44	CARDEN	17	m	t	a	c	2	7	-0.46	3.71	1.33	0.3735
*44	CARDEN	18	f	t	a	c	2	7	-0.17	21.94	2.13	0.4141
Subtotal 44												
45	ZHENG	1	m	t	a	e	2	0	-0.41	3.07	0.90	0.4776
45	ZHENG	2	f	t	a	e	2	0	0.93	5.43	3.38	0.0310
Subtotal 45												
47	BOFFET	43	m	t	a	e	2	0	0.28	22.29	0.48	0.1800
47	BOFFET	45	f	t	a	e	2	0	-0.03	72.62	2.06	0.7912
Subtotal 47												
49	ZARIDZ	11	f	t	x	e	6	0	-0.02	19.94	0.48	0.9371
54	ZHONG	19	f	t	a	e	2	0	0.05	63.63	0.48	0.6903
55	LEECH	9	f	t	q	a	6	0	-0.12	26.45	1.71	0.5472
57	WANGL	1	m	t	a	e	2	0	0.56	4.89	0.87	0.2158
57	WANGL	3	f	t	a	e	2	0	0.04	12.24	0.12	0.8920
Subtotal 57												
58	JOHNSO	7	f	t	a	e	2	0	0.24	11.94	0.13	0.4008
59	LAGARD	5	c	t	a	a	2	0	0.14	82.21	0.00	0.2052
*60	NISHIN	5	f	t	a	c	2	0	-0.26	5.84	0.92	0.5293
66	MCGHEE	5	m	t	a	p	2	0	0.36	17.79	0.92	0.1240
66	MCGHEE	6	f	t	a	p	2	0	0.41	29.19	2.14	0.0276
Subtotal 66												
*67	EPICA	7	c	t	a	c	2	7	-0.17	5.93	0.58	0.6711
69	FRANCO	1	c	t	a	e	2	2	0.59	15.26	3.10	0.0216
70	GORLOV	13	m	t	a	e	4	0	0.29	6.91	0.16	0.4497
70	GORLOV	14	f	t	a	e	4	0	0.27	14.44	0.24	0.3107
Subtotal 70												
72	RYLAND	3	c	t	a	e	2	1	0.31	9.26	0.29	0.3380
*76	HILL1	1	m	t	a	c	2	2	-0.03	10.57	0.30	0.9211

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

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

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

Table 116
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Father where no more comprehensive index available - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Ys	Ws	Qs	Ps
*76	HILL1	2	f	t	a	c	2	2	0.00	7.71	0.15	1.0000
Subtotal 76									-0.02	18.28	0.44	
*77	HILL2	1	m	t	a	c	2	2	0.37	8.81	0.48	0.2702
*77	HILL2	2	f	t	a	c	2	2	0.15	15.09	0.00	0.5642
Subtotal 77									0.23	23.90	0.49	
79	ASOMAN	1	c	t	a	e	2	0	-0.13	15.00	1.03	0.6278
85	TSE	1	m	t	a	a	2	0	-0.03	24.32	0.64	0.8997
87	BRENNE	11	c	t	a	e	2	0	-0.22	22.01	2.88	0.2928
92	LIM	1	f	t	a	e	4	0	0.12	80.68	0.04	0.2971
95	GELAC	2	m	t	a	e	2	0	-0.01	39.47	0.89	0.9366
95	GELAC	16	f	t	a	e	2	0	0.30	136.99	3.70	0.0004
Subtotal 95									0.23	176.46	4.58	
96	MASJED	7	m	t	e	e	2	0	0.75	4.84	1.82	0.0989
96	MASJED	8	f	t	e	e	2	0	0.11	7.34	0.01	0.7727
Subtotal 96									0.36	12.18	1.83	
100	ILCCO	11	c	t	a	a	2	0	0.21	428.51	2.05	0.0000
101	TORRES	1	c	t	a	y	2	0	-0.12	29.70	1.95	0.5154

Relative risks

	N	58
	NS	43
	Wt	1671.18
Het	Chi	64.77
Het	df	57
Het	P	N.S.
Fixed	RR	1.15
	RRl	1.09
	RRu	1.20
	P	+++
Random	RR	1.13
	RRl	1.06
	RRu	1.20
	P	+++
Asymm	P	N.S.

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

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

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Table 117
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Father where no more comprehensive index available - both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
5	BUFFLE	1	m	t	a	e	2	0	5	56	6	34	0.51	(0.14- 1.79)
5	BUFFLE	2	f	t	a	e	2	0	33	164	8	32	0.80	(0.34- 1.90)
Subtotal 5														
7	KABAT1	5	m	t	a	c	2	0	6	5	19	20	1.26	(0.33- 4.84)
7	KABAT1	6	f	t	a	c	2	0	16	17	37	36	0.92	(0.40- 2.08)
Subtotal 7														
8	GARFI2	10	f	t	a	z	1	0	73	204	42	135	1.15	(0.74- 1.78)
27	JANERI	11	c	t	a	e	2	3	-	-	-	-	1.05	(0.62- 1.77)
32	BROWN2	14	f	t	a	a	2	2	-	-	-	-	1.10	(0.80- 1.30)
33	STOCKW	7	f	t	a	e	7	3	-	-	-	-	1.60	(0.84- 3.04)
36	FONTHA	20	f	t	a	a	2	8	-	-	-	-	1.23	(0.96- 1.57)
39	KABAT2	13	m	t	a	a	2	0	13	34	28	83	1.13	(0.53- 2.45)
39	KABAT2	14	f	t	a	a	2	0	43	119	26	68	0.95	(0.53- 1.67)
Subtotal 39														
40	SCHWAR	8	c	t	a	e	2	2	-	-	-	-	1.10	(0.80- 1.60)
*44	CARDEN	17	m	t	a	c	2	7	-	-	-	-	0.63	(0.23- 1.76)
*44	CARDEN	18	f	t	a	c	2	7	-	-	-	-	0.84	(0.55- 1.27)
Subtotal 44														
58	JOHNSO	8	f	t	a	e	2	4	-	-	-	-	1.20	(0.62- 2.30)
69	FRANCO	1	c	t	a	e	2	2	-	-	-	-	1.80	(1.10- 3.00)
70	GORLOV	1	m	t	a	e	4	4	-	-	-	-	1.41	(0.60- 3.30)
70	GORLOV	2	f	t	a	e	4	4	-	-	-	-	1.15	(0.63- 2.10)
Subtotal 70														
79	ASOMAN	1	c	t	a	e	2	0	114	393	24	73	0.88	(0.53- 1.46)
87	BRENNE	11	c	t	a	e	2	0	109	341	42	105	0.80	(0.53- 1.21)
Partial Totals									412	1333	232	586		

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
12	LEE	13	m	t	a	c	2	0	3	32	9	101	1.05	(0.27- 4.12)
12	LEE	14	f	t	a	c	2	0	11	126	21	192	0.80	(0.37- 1.71)
Subtotal 12														
*24	HOLE	3	c	t	b	e	6	2	-	-	-	-	2.41	(0.45- 12.83)
28	KALAND	7	f	t	x	e	6	0	75	92	15	26	1.41	(0.70- 2.86)
47	BOFFET	44	m	t	a	e	2	2	-	-	-	-	1.45	(0.91- 2.33)
47	BOFFET	46	f	t	a	e	2	2	-	-	-	-	1.01	(0.79- 1.29)
Subtotal 47														
49	ZARIDZ	12	f	t	x	e	6	2	-	-	-	-	0.91	(0.58- 1.42)
59	LAGARD	6	c	t	a	a	2	6	-	-	-	-	1.15	(0.91- 1.45)
*67	EPICA	7	c	t	a	c	2	7	-	-	-	-	0.84	(0.38- 1.90)
72	RYLAND	3	c	t	a	e	2	1	-	-	-	-	1.37	(0.72- 2.61)
101	TORRES	2	c	t	a	y	2	2	-	-	-	-	0.71	(0.48- 1.05)
Partial Totals									89	250	45	319		

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
14	GAO	10	f	t	a	e	2	2	-	-	-	-	0.90	(0.60- 1.40)
16	KOO	13	f	t	a	e	2	4	-	-	-	-	1.47	(0.56- 3.82)
22	SHIMIZ	3	f	t	f	e	6	0	39	67	51	96	1.10	(0.65- 1.84)
30	WU-WIL	6	f	t	a	e	2	0	343	515	74	87	0.78	(0.56- 1.10)
31	LIUZ	2	f	t	a	c	2	3	-	-	-	-	0.77	(0.30- 1.96)
41	SUN	9	f	t	f	e	6	2	-	-	-	-	2.35	(1.56- 3.54)
45	ZHENG	1	m	t	a	e	2	0	8	12	17	17	0.67	(0.22- 2.04)
45	ZHENG	2	f	t	a	e	2	0	62	179	7	51	2.52	(1.09- 5.85)
Subtotal 45														
54	ZHONG	20	f	t	a	e	2	7	-	-	-	-	1.08	(0.82- 1.41)
55	LEECH	10	f	t	q	a	6	7	-	-	-	-	0.80	(0.51- 1.24)
57	WANGL	2	m	t	a	e	2	4	-	-	-	-	1.22	(0.50- 3.30)
57	WANGL	4	f	t	a	e	2	4	-	-	-	-	1.15	(0.60- 2.10)
Subtotal 57														
*60	NISHIN	6	f	t	a	c	2	1	-	-	-	-	0.87	(0.37- 2.01)
66	MCGHEE	1	m	t	a	p	2	2	-	-	-	-	1.34	(0.82- 2.17)
66	MCGHEE	2	f	t	a	p	2	2	-	-	-	-	1.38	(0.94- 2.04)

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

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

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 Father where no more comprehensive index available - both sexes
 By continent - adjusted

Asia										Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Case	Cont	Case	Cont			
Subtotal 66										-	-	-	-	1.36 (1.01- 1.85)	
85	TSE	10	m	t	a	a	2	9	-	-	-	-	0.90 (0.57- 1.41)		
92	LIM	1	f	t	a	e	4	0	200	602	226	764	1.12 (0.90- 1.40)		
95	GELAC	9	m	t	a	e	2	3	-	-	-	-	0.94 (0.67- 1.32)		
95	GELAC	24	f	t	a	e	2	3	-	-	-	-	1.30 (1.09- 1.54)		
Subtotal 95										-	-	-	-	1.22 (1.04- 1.42)	
96	MASJED	7	m	t	e	e	2	0	9	34	17	136	2.12 (0.87- 5.16)		
96	MASJED	8	f	t	e	e	2	0	15	30	40	89	1.11 (0.54- 2.29)		
Subtotal 96										-	-	-	-	1.44 (0.82- 2.52)	
Partial Totals										676	1439	432	1240		
*prospective study															

Other										Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Case	Cont	Case	Cont			
*76	HILL1	3	m	t	a	c	2	9	-	-	-	-	1.08 (0.56- 2.09)		
*76	HILL1	2	f	t	a	c	2	2	-	-	-	-	1.00 (0.49- 2.01)		
Subtotal 76										-	-	-	-	1.04 (0.64- 1.69)	
*77	HILL2	1	m	t	a	c	2	2	-	-	-	-	1.45 (0.75- 2.81)		
*77	HILL2	3	f	t	a	c	2	9	-	-	-	-	1.38 (0.78- 2.41)		
Subtotal 77										-	-	-	-	1.41 (0.92- 2.16)	
100	ILCCO	16	c	t	a	a	2	3	-	-	-	-	1.20 (1.08- 1.34)		
Partial Totals										0	0	0	0		
*prospective study															

NAmerica Europe Asia Other Total

Relative risks

N	20	11	21	5	57
NS	15	9	16	3	43
Wt	340.44	229.28	515.67	367.69	1453.08
Het Chi	14.45	9.80	33.88	0.90	62.37
Het df	19	10	20	4	56
Het P	N.S.	N.S.	*	N.S.	N.S.
Fixed RR	1.09	1.05	1.15	1.20	1.13
RRl	0.98	0.92	1.06	1.09	1.08
RRu	1.21	1.19	1.25	1.33	1.19
P	N.S.	N.S.	++	+++	+++
Random RR	1.09	1.05	1.14	1.20	1.12
RRl	0.98	0.92	1.00	1.09	1.05
RRu	1.21	1.19	1.29	1.33	1.19
P	N.S.	N.S.	(+)	+++	+++
Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.
Between Chi		0.20	0.61	1.75	3.34
Between df		1	1	1	3
Between P		N.S.	N.S.	N.S.	N.S.

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

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

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 Father where no more comprehensive index available - both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
5	BUFFLE	1	m	t	a	e	2	0	5	56	6	34	0.51	(0.14- 1.79)
5	BUFFLE	2	f	t	a	e	2	0	33	164	8	32	0.80	(0.34- 1.90)
Subtotal 5														
7	KABAT1	5	m	t	a	c	2	0	6	5	19	20	1.26	(0.33- 4.84)
7	KABAT1	6	f	t	a	c	2	0	16	17	37	36	0.92	(0.40- 2.08)
Subtotal 7														
8	GARFI2	10	f	t	a	z	1	0	73	204	42	135	1.15	(0.74- 1.78)
27	JANERI	7	c	t	a	e	2	0	159	158	32	33	1.04	(0.61- 1.77)
32	BROWN2	13	f	t	a	a	2	0	261	696	170	470	1.04	(0.83- 1.30)
33	STOCKW	7	f	t	a	e	7	3	-	-	-	-	1.60	(0.84- 3.04)
36	FONTHA	19	f	t	a	a	2	0	509	941	144	312	1.17	(0.94- 1.47)
39	KABAT2	13	m	t	a	a	2	0	13	34	28	83	1.13	(0.53- 2.45)
39	KABAT2	14	f	t	a	a	2	0	43	119	26	68	0.95	(0.53- 1.67)
Subtotal 39														
40	SCHWAR	7	c	t	a	e	2	0	172	175	85	102	1.18	(0.83- 1.68)
*44	CARDEN	17	m	t	a	c	2	7	-	-	-	-	0.63	(0.23- 1.76)
*44	CARDEN	18	f	t	a	c	2	7	-	-	-	-	0.84	(0.55- 1.27)
Subtotal 44														
58	JOHNSO	7	f	t	a	e	2	0	54	543	17	218	1.28	(0.72- 2.25)
69	FRANCO	1	c	t	a	e	2	2	-	-	-	-	1.80	(1.10- 3.00)
70	GORLOV	13	m	t	a	e	4	0	36	25	27	25	1.33	(0.63- 2.81)
70	GORLOV	14	f	t	a	e	4	0	92	89	38	48	1.31	(0.78- 2.19)
Subtotal 70														
79	ASOMAN	1	c	t	a	e	2	0	114	393	24	73	0.88	(0.53- 1.46)
87	BRENNE	11	c	t	a	e	2	0	109	341	42	105	0.80	(0.53- 1.21)
Partial Totals									1695	3960	745	1794		
*prospective study														

Europe

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
12	LEE	13	m	t	a	c	2	0	3	32	9	101	1.05	(0.27- 4.12)
12	LEE	14	f	t	a	c	2	0	11	126	21	192	0.80	(0.37- 1.71)
Subtotal 12														
*24	HOLE	1	m	t	b	e	6	0	2	243	1	428	3.52	(0.32- 38.65)
*24	HOLE	2	f	t	b	e	6	0	5	1295	1	489	1.89	(0.22- 16.12)
Subtotal 24														
28	KALAND	7	f	t	x	e	6	0	75	92	15	26	1.41	(0.70- 2.86)
47	BOFFET	43	m	t	a	e	2	0	41	125	100	405	1.33	(0.88- 2.01)
47	BOFFET	45	f	t	a	e	2	0	347	698	160	312	0.97	(0.77- 1.22)
Subtotal 47														
49	ZARIDZ	11	f	t	x	e	6	0	38	73	151	285	0.98	(0.63- 1.52)
59	LAGARD	5	c	t	a	a	2	0	179	611	254	997	1.15	(0.93- 1.43)
*67	EPICA	7	c	t	a	c	2	7	-	-	-	-	0.84	(0.38- 1.90)
72	RYLAND	3	c	t	a	e	2	1	-	-	-	-	1.37	(0.72- 2.61)
101	TORRES	1	c	t	a	y	2	0	81	148	111	180	0.89	(0.62- 1.27)
Partial Totals									782	3443	823	3415		
*prospective study														

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

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 By continent - unadjusted

Asia										Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Case	Cont	Case	Cont			
14	GAO	10	f	t	a	e	2	2	-	-	-	-	0.90 (0.60- 1.40)		
16	KOO	12	f	t	a	e	2	0	61	88	27	49	1.26 (0.71- 2.23)		
22	SHIMIZ	3	f	t	f	e	6	0	39	67	51	96	1.10 (0.65- 1.84)		
30	WU-WIL	6	f	t	a	e	2	0	343	515	74	87	0.78 (0.56- 1.10)		
31	LIUZ	1	f	t	a	c	2	0	45	176	9	26	0.74 (0.32- 1.69)		
41	SUN	9	f	t	f	e	6	2	-	-	-	-	2.35 (1.56- 3.54)		
45	ZHENG	1	m	t	a	e	2	0	8	12	17	17	0.67 (0.22- 2.04)		
45	ZHENG	2	f	t	a	e	2	0	62	179	7	51	2.52 (1.09- 5.85)		
Subtotal 45															
54	ZHONG	19	f	t	a	e	2	0	322	377	182	224	1.56 (0.80- 3.06)		
55	LEECH	9	f	t	q	a	6	0	51	93	217	352	1.05 (0.82- 1.34)		
57	WANGL	1	m	t	a	e	2	0	24	72	8	42	0.89 (0.61- 1.30)		
57	WANGL	3	f	t	a	e	2	0	176	364	20	43	1.75 (0.72- 4.24)		
Subtotal 57															
*60	NISHIN	5	f	t	a	c	2	0	14	47679	10	26248	1.04 (0.59- 1.82)		
66	MCGHEE	5	m	t	a	p	2	0	33	71	112	347	1.21 (0.75- 1.94)		
66	MCGHEE	6	f	t	a	p	2	0	96	150	83	195	0.77 (0.34- 1.73)		
Subtotal 66															
85	TSE	1	m	t	a	a	2	0	47	194	85	342	1.44 (0.90- 2.29)		
92	LIM	1	f	t	a	e	4	0	200	602	226	764	1.50 (1.05- 2.16)		
95	GELAC	2	m	t	a	e	2	0	143	144	176	175	1.48 (1.11- 1.97)		
95	GELAC	16	f	t	a	e	2	0	841	758	380	463	0.97 (0.66- 1.45)		
Subtotal 95															
96	MASJED	7	m	t	e	e	2	0	9	34	17	136	1.12 (0.90- 1.40)		
96	MASJED	8	f	t	e	e	2	0	15	30	40	89	0.99 (0.72- 1.35)		
Subtotal 96															
Partial Totals										2529	51605	1741	29746	1.35 (1.14- 1.60)	
*prospective study															

Other										Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Case	Cont	Case	Cont			
*76	HILL1	1	m	t	a	c	2	2	-	-	-	-	0.97 (0.53- 1.77)		
*76	HILL1	2	f	t	a	c	2	2	-	-	-	-	1.00 (0.49- 2.01)		
Subtotal 76															
*77	HILL2	1	m	t	a	c	2	2	-	-	-	-	0.98 (0.62- 1.55)		
*77	HILL2	2	f	t	a	c	2	2	-	-	-	-	1.45 (0.75- 2.81)		
Subtotal 77															
100	ILCCO	11	c	t	a	a	2	0	1228	3366	1061	3575	1.16 (0.70- 1.92)		
Partial Totals										1228	3366	1061	3575	1.26 (0.84- 1.88)	
*prospective study															

NAmerica Europe Asia Other Total

Relative risks

N	20	12	21	5	58
NS	15	9	16	3	43
Wt	369.16	259.86	571.47	470.69	1671.18
Het Chi	14.88	6.65	37.46	1.19	64.77
Het df	19	11	20	4	57
Het P	N.S.	N.S.	*	N.S.	N.S.
Fixed RR	1.09	1.06	1.17	1.22	1.15
RRl	0.98	0.94	1.08	1.11	1.09
RRu	1.20	1.20	1.27	1.34	1.20
P	N.S.	N.S.	+++	+++	+++
Random RR	1.09	1.06	1.16	1.22	1.13
RRl	0.98	0.94	1.02	1.11	1.06
RRu	1.20	1.20	1.32	1.34	1.20
P	N.S.	N.S.	+	+++	+++
Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.
Between Chi		0.06	1.25	2.84	4.59
Between df		1	1	1	3
Between P		N.S.	N.S.	(+)	N.S.

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

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

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

Table 119
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Mother (specifically) - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
22	SHIMIZ	4	f	t	m	e	6	0	10	5	80	158	3.95	(1.31-	11.95)
30	WU-WIL	5	f	t	m	e	6	0	119	192	298	410	0.85	(0.65-	1.12)
33	STOCKW	8	f	t	m	e	7	3	-	-	-	-	1.60	(0.60-	4.30)
41	SUN	8	f	t	m	e	6	2	-	-	-	-	2.05	(1.29-	3.27)
95	GELAC	11	m	t	m	e	2	5	-	-	-	-	0.83	(0.20-	3.45)
95	GELAC	26	f	t	m	e	2	5	-	-	-	-	1.12	(0.68-	1.84)
Subtotal 95													1.08	(0.68-	1.73)
Partial Totals									129	197	378	568			

*prospective study

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Ys	Ws	Qs	Ps
22	SHIMIZ	4	f	t	m	e	6	0	1.37	3.14	4.86	0.0150
30	WU-WIL	5	f	t	m	e	6	0	-0.16	51.53	4.29	0.2528
33	STOCKW	8	f	t	m	e	7	3	0.47	3.96	0.46	0.3495
41	SUN	8	f	t	m	e	6	2	0.72	17.76	6.15	0.0025
95	GELAC	11	m	t	m	e	2	5	-0.19	1.89	0.19	0.7976
95	GELAC	26	f	t	m	e	2	5	0.11	15.51	0.00	0.6554
Subtotal 95									0.08	17.40	0.19	

Relative risks

N	6
NS	5
Wt	93.79
Het Chi	15.95
Het df	5
Het P	**
Fixed RR	1.14
RRl	0.93
RRu	1.39
P	N.S.
Random RR	1.39
RRl	0.88
RRu	2.19
P	N.S.
Asymm P	N.S.

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

1) TIM : e, a, z, y, w, f, v, c, other

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

Table 120
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Mother (specifically) - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
22	SHIMIZ	4	f	t	m	e	6	0	10	5	80	158	3.95	(1.31-	11.95)
30	WU-WIL	5	f	t	m	e	6	0	119	192	298	410	0.85	(0.65-	1.12)
33	STOCKW	8	f	t	m	e	7	3	-	-	-	-	1.60	(0.60-	4.30)
41	SUN	8	f	t	m	e	6	2	-	-	-	-	2.05	(1.29-	3.27)
95	GELAC	4	m	t	m	e	2	0	4	7	289	307	0.61	(0.18-	2.10)
95	GELAC	18	f	t	m	e	2	0	37	38	1114	1172	1.02	(0.65-	1.62)
Subtotal 95													0.96	(0.62-	1.48)
Partial Totals									170	242	1781	2047			

*prospective study

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Ys	Ws	Qs	Ps
22	SHIMIZ	4	f	t	m	e	6	0	1.37	3.14	5.07	0.0150
30	WU-WIL	5	f	t	m	e	6	0	-0.16	51.53	3.52	0.2528
33	STOCKW	8	f	t	m	e	7	3	0.47	3.96	0.54	0.3495
41	SUN	8	f	t	m	e	6	2	0.72	17.76	6.74	0.0025
95	GELAC	4	m	t	m	e	2	0	-0.50	2.50	0.90	0.4297
95	GELAC	18	f	t	m	e	2	0	0.02	18.15	0.11	0.9183
Subtotal 95									-0.04	20.65	1.01	

Relative risks

N	6
NS	5
Wt	97.04
Het Chi	16.88
Het df	5
Het P	**
Fixed RR	1.11
RRl	0.91
RRu	1.35
P	N.S.
Random RR	1.32
RRl	0.84
RRu	2.07
P	N.S.
Asymm P	N.S.

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

1) TIM : e, a, z, y, w, f, v, c, other

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

Table 121
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Mother (specifically) - both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
33	STOCKW	8	f	t	m	e	7	3	-	-	-	-	1.60	(0.60- 4.30)
Partial Totals									0	0	0	0		

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
22	SHIMIZ	4	f	t	m	e	6	0	10	5	80	158	3.95	(1.31- 11.95)
30	WU-WIL	5	f	t	m	e	6	0	119	192	298	410	0.85	(0.65- 1.12)
41	SUN	8	f	t	m	e	6	2	-	-	-	-	2.05	(1.29- 3.27)
95	GELAC	11	m	t	m	e	2	5	-	-	-	-	0.83	(0.20- 3.45)
95	GELAC	26	f	t	m	e	2	5	-	-	-	-	1.12	(0.68- 1.84)
Subtotal 95													1.08	(0.68- 1.73)
Partial Totals									129	197	378	568		

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	1		5	6
NS	1		4	5
Wt	3.96		89.83	93.79
Het Chi	0.00		15.47	15.95
Het df	0		4	5
Het P	N.S.		**	**
Fixed RR	1.60		1.12	1.14
RRl	0.60		0.91	0.93
RRu	4.28		1.38	1.39
P	N.S.		N.S.	N.S.
Random RR	1.60		1.37	1.39
RRl	0.60		0.83	0.88
RRu	4.28		2.28	2.19
P	N.S.		N.S.	N.S.
Asymm P			N.S.	N.S.
Between Chi			0.48	0.48
Between df			1	1
Between P		N.S.	N.S.	N.S.

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

1) TIM : e, a, z, y, w, f, v, c, other

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

Table 122
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Mother (specifically) - both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
33	STOCKW	8	f	t	m	e	7	3	-	-	-	-	1.60	(0.60-	4.30)
Partial Totals									0	0	0	0			

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
22	SHIMIZ	4	f	t	m	e	6	0	10	5	80	158	3.95	(1.31-	11.95)
30	WU-WIL	5	f	t	m	e	6	0	119	192	298	410	0.85	(0.65-	1.12)
41	SUN	8	f	t	m	e	6	2	-	-	-	-	2.05	(1.29-	3.27)
95	GELAC	4	m	t	m	e	2	0	4	7	289	307	0.61	(0.18-	2.10)
95	GELAC	18	f	t	m	e	2	0	37	38	1114	1172	1.02	(0.65-	1.62)
Subtotal 95													0.96	(0.62-	1.48)
Partial Totals									170	242	1781	2047			

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	1		5	6
NS	1		4	5
Wt	3.96		93.08	97.04
Het Chi	0.00		16.32	16.88
Het df	0		4	5
Het P	N.S.		**	**
Fixed RR	1.60		1.09	1.11
RRl	0.60		0.89	0.91
RRu	4.28		1.34	1.35
P	N.S.		N.S.	N.S.
Random RR	1.60		1.29	1.32
RRl	0.60		0.78	0.84
RRu	4.28		2.13	2.07
P	N.S.		N.S.	N.S.
Asymm P			N.S.	N.S.
Between Chi			0.56	0.56
Between df			1	1
Between P		N.S.	N.S.	N.S.

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

1) TIM : e, a, z, y, w, f, v, c, other

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

Table 123
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Father (specifically) - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
22	SHIMIZ	3	f	t	f	e	6	0	39	67	51	96	1.10	(0.65-	1.84)
30	WU-WIL	7	f	t	f	e	6	0	182	250	235	352	1.09	(0.85-	1.40)
33	STOCKW	9	f	t	f	e	7	3	-	-	-	-	1.20	(0.60-	2.30)
41	SUN	9	f	t	f	e	6	2	-	-	-	-	2.35	(1.56-	3.54)
95	GELAC	10	m	t	f	e	2	5	-	-	-	-	0.86	(0.59-	1.30)
95	GELAC	25	f	t	f	e	2	5	-	-	-	-	1.20	(0.99-	1.42)
Subtotal 95													1.13	(0.96-	1.33)
Partial Totals									221	317	286	448			

*prospective study

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Ys	Ws	Qs	Ps
22	SHIMIZ	3	f	t	f	e	6	0	0.09	14.17	0.12	0.7309
30	WU-WIL	7	f	t	f	e	6	0	0.09	60.27	0.56	0.5014
33	STOCKW	9	f	t	f	e	7	3	0.18	8.51	0.00	0.5948
41	SUN	9	f	t	f	e	6	2	0.85	22.88	10.32	0.0000
95	GELAC	10	m	t	f	e	2	5	-0.15	24.62	2.74	0.4542
95	GELAC	25	f	t	f	e	2	5	0.18	118.10	0.00	0.0476
Subtotal 95									0.12	142.72	2.74	

Relative risks

N	6
NS	5
Wt	248.55
Het Chi	13.74
Het df	5
Het P	*
Fixed RR	1.20
RRl	1.06
RRu	1.36
P	++
Random RR	1.22
RRl	0.96
RRu	1.55
P	(+)
Asymm P	N.S.

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

1) TIM : e, a, z, y, w, f, v, c, other

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

Table 124
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Father (specifically) - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
22	SHIMIZ	3	f	t	f	e	6	0	39	67	51	96	1.10	(0.65-	1.84)
30	WU-WIL	7	f	t	f	e	6	0	182	250	235	352	1.09	(0.85-	1.40)
33	STOCKW	9	f	t	f	e	7	3	-	-	-	-	1.20	(0.60-	2.30)
41	SUN	9	f	t	f	e	6	2	-	-	-	-	2.35	(1.56-	3.54)
95	GELAC	3	m	t	f	e	2	0	111	112	198	193	0.97	(0.70-	1.34)
95	GELAC	17	f	t	f	e	2	0	449	405	689	763	1.23	(1.04-	1.45)
Subtotal 95													1.17	(1.00-	1.36)
Partial Totals									781	834	1173	1404			

*prospective study

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Ys	Ws	Qs	Ps
22	SHIMIZ	3	f	t	f	e	6	0	0.09	14.17	0.15	0.7309
30	WU-WIL	7	f	t	f	e	6	0	0.09	60.27	0.72	0.5014
33	STOCKW	9	f	t	f	e	7	3	0.18	8.51	0.00	0.5948
41	SUN	9	f	t	f	e	6	2	0.85	22.88	9.93	0.0000
95	GELAC	3	m	t	f	e	2	0	-0.03	35.50	1.88	0.8369
95	GELAC	17	f	t	f	e	2	0	0.21	134.08	0.01	0.0175
Subtotal 95									0.15	169.58	1.89	

Relative risks

N	6
NS	5
Wt	275.41
Het Chi	12.70
Het df	5
Het P	*
Fixed RR	1.22
RRl	1.08
RRu	1.37
P	++
Random RR	1.24
RRl	1.00
RRu	1.55
P	(+)
Asymm P	N.S.

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

1) TIM : e, a, z, y, w, f, v, c, other

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

Table 125
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Father (specifically) - both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
33	STOCKW	9	f	t	f	e	7	3	-	-	-	-	1.20	(0.60- 2.30)
Partial Totals									0	0	0	0		

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
22	SHIMIZ	3	f	t	f	e	6	0	39	67	51	96	1.10	(0.65- 1.84)
30	WU-WIL	7	f	t	f	e	6	0	182	250	235	352	1.09	(0.85- 1.40)
41	SUN	9	f	t	f	e	6	2	-	-	-	-	2.35	(1.56- 3.54)
95	GELAC	10	m	t	f	e	2	5	-	-	-	-	0.86	(0.59- 1.30)
95	GELAC	25	f	t	f	e	2	5	-	-	-	-	1.20	(0.99- 1.42)
Subtotal 95													1.13	(0.96- 1.33)
Partial Totals									221	317	286	448		

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	1		5	6
NS	1		4	5
Wt	8.51		240.04	248.55
Het Chi	0.00		13.74	13.74
Het df	0		4	5
Het P	N.S.		**	*
Fixed RR	1.20		1.20	1.20
RRl	0.61		1.06	1.06
RRu	2.35		1.36	1.36
P	N.S.		++	++
Random RR	1.20		1.23	1.22
RRl	0.61		0.94	0.96
RRu	2.35		1.60	1.55
P	N.S.		N.S.	(+)
Asymm P			N.S.	N.S.
Between Chi			0.00	0.00
Between df			1	1
Between P		N.S.	N.S.	N.S.

 Within each study, results are selected according to the following order of preference:

1) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 126
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Father (specifically) - both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
33	STOCKW	9	f	t	f	e	7	3	-	-	-	-	1.20	(0.60- 2.30)
Partial Totals									0	0	0	0		

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
22	SHIMIZ	3	f	t	f	e	6	0	39	67	51	96	1.10	(0.65- 1.84)
30	WU-WIL	7	f	t	f	e	6	0	182	250	235	352	1.09	(0.85- 1.40)
41	SUN	9	f	t	f	e	6	2	-	-	-	-	2.35	(1.56- 3.54)
95	GELAC	3	m	t	f	e	2	0	111	112	198	193	0.97	(0.70- 1.34)
95	GELAC	17	f	t	f	e	2	0	449	405	689	763	1.23	(1.04- 1.45)
Subtotal 95													1.17	(1.00- 1.36)
Partial Totals									781	834	1173	1404		

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	1		5	6
NS	1		4	5
Wt	8.51		266.90	275.41
Het Chi	0.00		12.69	12.70
Het df	0		4	5
Het P	N.S.		*	*
Fixed RR	1.20		1.22	1.22
RRl	0.61		1.08	1.08
RRu	2.35		1.37	1.37
P	N.S.		++	++
Random RR	1.20		1.25	1.24
RRl	0.61		0.98	1.00
RRu	2.35		1.59	1.55
P	N.S.		(+)	(+)
Asymm P			N.S.	N.S.
Between Chi			0.00	0.00
Between df			1	1
Between P		N.S.	N.S.	N.S.

 Within each study, results are selected according to the following order of preference:

1) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 127
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Not parents/spouse - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont		()
22	SHIMIZ	7	f	t	s	e	6	0	24	52	66	111	0.78	(	0.44- 1.37)
33	STOCKW	10	f	t	y	e	7	3	-	-	-	-	1.70	(	0.80- 3.90)
55	LEECH	10	f	t	q	a	6	7	-	-	-	-	0.80	(	0.51- 1.24)
Partial Totals									24	52	66	111			

*prospective study

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Ys	Ws	Qs	Ps
22	SHIMIZ	7	f	t	s	e	6	0	-0.25	11.76	0.24	0.3851
33	STOCKW	10	f	t	y	e	7	3	0.53	6.12	2.51	0.1892
55	LEECH	10	f	t	q	a	6	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 selected according to the following order of preference:

- 1) HOU : y, s, q, r, c
- 2) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 128
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Not parents/spouse - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont		()
22	SHIMIZ	7	f	t	s	e	6	0	24	52	66	111	0.78	(	0.44- 1.37)
33	STOCKW	10	f	t	y	e	7	3	-	-	-	-	1.70	(	0.80- 3.90)
55	LEECH	9	f	t	q	a	6	0	51	93	217	352	0.89	(	0.61- 1.30)
Partial Totals									75	145	283	463			

*prospective study

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Ys	Ws	Qs	Ps
22	SHIMIZ	7	f	t	s	e	6	0	-0.25	11.76	0.42	0.3851
33	STOCKW	10	f	t	y	e	7	3	0.53	6.12	2.16	0.1892
55	LEECH	9	f	t	q	a	6	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 selected according to the following order of preference:

- 1) HOU : y, s, q, r, c
- 2) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 129
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Not parents/spouse - both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
33	STOCKW	10	f	t	y	e	7	3	-	-	-	-	1.70	(0.80- 3.90)
Partial Totals									0	0	0	0		

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
22	SHIMIZ	7	f	t	s	e	6	0	24	52	66	111	0.78	(0.44- 1.37)
55	LEECH	10	f	t	q	a	6	7	-	-	-	-	0.80	(0.51- 1.24)
Partial Totals									24	52	66	111		

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	1		2		3
NS	1		2		3
Wt	6.12		31.22		37.35
Het Chi	0.00		0.01		3.00
Het df	0		1		2
Het P	N.S.		N.S.		N.S.
Fixed RR	1.70		0.79		0.90
RRl	0.77		0.56		0.65
RRu	3.75		1.12		1.24
P	N.S.		N.S.		N.S.
Random RR	1.70		0.79		0.93
RRl	0.77		0.56		0.62
RRu	3.75		1.12		1.40
P	N.S.		N.S.		N.S.
Asymm P					N.S.
Between Chi			3.00		3.00
Between df			1		1
Between P		N.S.	(-)	N.S.	(*)

 Within each study, results are selected according to the following order of preference:

1) HOU : y, s, q, r, c

2) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 130
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Not parents/spouse - both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
33	STOCKW	10	f	t	y	e	7	3	-	-	-	-	1.70	(0.80- 3.90)
Partial Totals									0	0	0	0		

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
22	SHIMIZ	7	f	t	s	e	6	0	24	52	66	111	0.78	(0.44- 1.37)
55	LEECH	9	f	t	q	a	6	0	51	93	217	352	0.89	(0.61- 1.30)
Totals									75	145	283	463		

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	1		2		3
NS	1		2		3
Wt	6.12		38.20		44.33
Het Chi	0.00		0.15		2.66
Het df	0		1		2
Het P	N.S.		N.S.		N.S.
Fixed RR	1.70		0.85		0.94
RRl	0.77		0.62		0.70
RRu	3.75		1.17		1.26
P	N.S.		N.S.		N.S.
Random RR	1.70		0.85		0.96
RRl	0.77		0.62		0.67
RRu	3.75		1.17		1.37
P	N.S.		N.S.		N.S.
Asymm P					N.S.
Between Chi			2.51		2.51
Between df			1		1
Between P		N.S.	N.S.	N.S.	N.S.

 Within each study, results are selected according to the following order of preference:

1) HOU : y, s, q, r, c

2) TIM : e, a, z, y, w, f, v, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 131
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Excluding Spouse (using ETS from mother where no more comprehensive index available) - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
22	SHIMIZ	4	f	t	m	e	6	0	10	5	80	158	3.95	(1.31-	11.95)
28	KALAND	7	f	t	x	e	6	0	75	92	15	26	1.41	(0.70-	2.86)
30	WU-WIL	5	f	t	m	e	6	0	119	192	298	410	0.85	(0.65-	1.12)
33	STOCKW	8	f	t	m	e	7	3	-	-	-	-	1.60	(0.60-	4.30)
41	SUN	8	f	t	m	e	6	2	-	-	-	-	2.05	(1.29-	3.27)
49	ZARIDZ	12	f	t	x	e	6	2	-	-	-	-	0.91	(0.58-	1.42)
55	LEECH	10	f	t	q	a	6	7	-	-	-	-	0.80	(0.51-	1.24)
*60	NISHIN	4	f	t	x	c	2	7	-	-	-	-	0.53	(0.18-	1.50)
95	GELAC	11	m	t	m	e	2	5	-	-	-	-	0.83	(0.20-	3.45)
95	GELAC	26	f	t	m	e	2	5	-	-	-	-	1.12	(0.68-	1.84)
Subtotal 95													1.08	(0.68-	1.73)
96	MASJED	7	m	t	e	e	2	0	9	34	17	136	2.12	(0.87-	5.16)
96	MASJED	8	f	t	e	e	2	0	15	30	40	89	1.11	(0.54-	2.29)
Subtotal 96													1.44	(0.82-	2.52)
Partial Totals									228	353	450	819			
*prospective study															

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Ys	Ws	Qs	Ps	
22	SHIMIZ	4	f	t	m	e	6	0	1.37	3.14	5.33	0.0150	
28	KALAND	7	f	t	x	e	6	0	0.35	7.73	0.59	0.3363	
30	WU-WIL	5	f	t	m	e	6	0	-0.16	51.53	2.71	0.2528	
33	STOCKW	8	f	t	m	e	7	3	0.47	3.96	0.63	0.3495	
41	SUN	8	f	t	m	e	6	2	0.72	17.76	7.46	0.0025	
49	ZARIDZ	12	f	t	x	e	6	2	-0.09	19.17	0.52	0.6797	
55	LEECH	10	f	t	q	a	6	7	-0.22	19.47	1.67	0.3249	
*60	NISHIN	4	f	t	x	c	2	7	-0.63	3.42	1.70	0.2405	
95	GELAC	11	m	t	m	e	2	5	-0.19	1.89	0.12	0.7976	
95	GELAC	26	f	t	m	e	2	5	0.11	15.51	0.03	0.6554	
Subtotal 95										0.08	17.40	0.15	
96	MASJED	7	m	t	e	e	2	0	0.75	4.84	2.24	0.0989	
96	MASJED	8	f	t	e	e	2	0	0.11	7.34	0.01	0.7727	
Subtotal 96										0.36	12.18	2.25	

Relative risks

N	12
NS	10
Wt	155.75
Het Chi	23.01
Het df	11
Het P	*
Fixed RR	1.07
RRl	0.92
RRu	1.25
P	N.S.
Random RR	1.17
RRl	0.91
RRu	1.52
P	N.S.
Asymm P	N.S.

 Within each study, results are selected according to the following order of preference:

- 1) HOU : x, p, m, f, q/r/s/c/y, other
- 2) TIM : e, a, z, y, w, f, v, c, other
- 3) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 132
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Excluding Spouse (using ETS from mother where no more comprehensive index available) - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
22	SHIMIZ	4	f	t	m	e	6	0	10	5	80	158	3.95	(1.31-	11.95)
28	KALAND	7	f	t	x	e	6	0	75	92	15	26	1.41	(0.70-	2.86)
30	WU-WIL	5	f	t	m	e	6	0	119	192	298	410	0.85	(0.65-	1.12)
33	STOCKW	8	f	t	m	e	7	3	-	-	-	-	1.60	(0.60-	4.30)
41	SUN	8	f	t	m	e	6	2	-	-	-	-	2.05	(1.29-	3.27)
49	ZARIDZ	11	f	t	x	e	6	0	38	73	151	285	0.98	(0.63-	1.52)
55	LEECH	9	f	t	q	a	6	0	51	93	217	352	0.89	(0.61-	1.30)
*60	NISHIN	3	f	t	x	c	2	0	7	28977	17	44950	0.64	(0.26-	1.54)
95	GELAC	4	m	t	m	e	2	0	4	7	289	307	0.61	(0.18-	2.10)
95	GELAC	18	f	t	m	e	2	0	37	38	1114	1172	1.02	(0.65-	1.62)
Subtotal 95													0.96	(0.62-	1.48)
96	MASJED	7	m	t	e	e	2	0	9	34	17	136	2.12	(0.87-	5.16)
96	MASJED	8	f	t	e	e	2	0	15	30	40	89	1.11	(0.54-	2.29)
Subtotal 96													1.44	(0.82-	2.52)
Partial Totals									365	29541	2238	47885			
*prospective study															

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Ys	Ws	Qs	Ps
22	SHIMIZ	4	f	t	m	e	6	0	1.37	3.14	5.35	0.0150
28	KALAND	7	f	t	x	e	6	0	0.35	7.73	0.60	0.3363
30	WU-WIL	5	f	t	m	e	6	0	-0.16	51.53	2.64	0.2528
33	STOCKW	8	f	t	m	e	7	3	0.47	3.96	0.64	0.3495
41	SUN	8	f	t	m	e	6	2	0.72	17.76	7.52	0.0025
49	ZARIDZ	11	f	t	x	e	6	0	-0.02	19.94	0.14	0.9371
55	LEECH	9	f	t	q	a	6	0	-0.12	26.45	0.90	0.5472
*60	NISHIN	3	f	t	x	c	2	0	-0.45	4.96	1.32	0.3181
95	GELAC	4	m	t	m	e	2	0	-0.50	2.50	0.80	0.4297
95	GELAC	18	f	t	m	e	2	0	0.02	18.15	0.03	0.9183
Subtotal 95									-0.04	20.65	0.84	
96	MASJED	7	m	t	e	e	2	0	0.75	4.84	2.26	0.0989
96	MASJED	8	f	t	e	e	2	0	0.11	7.34	0.01	0.7727
Subtotal 96									0.36	12.18	2.27	

Relative risks

N	12
NS	10
Wt	168.30
Het Chi	22.22
Het df	11
Het P	*
Fixed RR	1.07
RRl	0.92
RRu	1.24
P	N.S.
Random RR	1.16
RRl	0.91
RRu	1.48
P	N.S.
Asymm P	N.S.

 Within each study, results are selected according to the following order of preference:

- 1) HOU : x, p, m, f, q/r/s/c/y, other
- 2) TIM : e, a, z, y, w, f, v, c, other
- 3) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 133
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Excluding Spouse (using ETS from mother where no more comprehensive index available) - both sexes
 By continent - adjusted

NAmerica										Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Case	Cont	Case	Cont			
33	STOCKW	8	f	t	m	e	7	3	-	-	-	-	1.60	(0.60-	4.30)
Partial Totals									0	0	0	0			
*prospective study															
Europe										Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Case	Cont	Case	Cont			
28	KALAND	7	f	t	x	e	6	0	75	92	15	26	1.41	(0.70-	2.86)
49	ZARIDZ	12	f	t	x	e	6	2	-	-	-	-	0.91	(0.58-	1.42)
Partial Totals									75	92	15	26			
*prospective study															
Asia										Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Case	Cont	Case	Cont			
22	SHIMIZ	4	f	t	m	e	6	0	10	5	80	158	3.95	(1.31-	11.95)
30	WU-WIL	5	f	t	m	e	6	0	119	192	298	410	0.85	(0.65-	1.12)
41	SUN	8	f	t	m	e	6	2	-	-	-	-	2.05	(1.29-	3.27)
55	LEECH	10	f	t	q	a	6	7	-	-	-	-	0.80	(0.51-	1.24)
*60	NISHIN	4	f	t	x	c	2	7	-	-	-	-	0.53	(0.18-	1.50)
95	GELAC	11	m	t	m	e	2	5	-	-	-	-	0.83	(0.20-	3.45)
95	GELAC	26	f	t	m	e	2	5	-	-	-	-	1.12	(0.68-	1.84)
Subtotal 95													1.08	(0.68-	1.73)
96	MASJED	7	m	t	e	e	2	0	9	34	17	136	2.12	(0.87-	5.16)
96	MASJED	8	f	t	e	e	2	0	15	30	40	89	1.11	(0.54-	2.29)
Subtotal 96													1.44	(0.82-	2.52)
Partial Totals									153	261	435	793			
*prospective study															

NAmerica Europe Asia Other Total

Relative risks

N	1	2	9	12
NS	1	2	7	10
Wt	3.96	26.90	124.89	155.75
Het Chi	0.00	1.07	21.27	23.01
Het df	0	1	8	11
Het P	N.S.	N.S.	**	*
Fixed RR	1.60	1.03	1.07	1.07
RRl	0.60	0.71	0.90	0.92
RRu	4.28	1.51	1.27	1.25
P	N.S.	N.S.	N.S.	N.S.
Random RR	1.60	1.04	1.19	1.17
RRl	0.60	0.70	0.85	0.91
RRu	4.28	1.54	1.66	1.52
P	N.S.	N.S.	N.S.	N.S.
Asymm P			N.S.	N.S.
Between Chi		0.66	0.63	0.68
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

 Within each study, results are selected according to the following order of preference:

- 1) HOU : x, p, m, f, q/r/s/c/y, other
- 2) TIM : e, a, z, y, w, f, v, c, other
- 3) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 134
ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Excluding Spouse (using ETS from mother where no more comprehensive index available) - both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
33	STOCKW	8	f	t	m	e	7	3	-	-	-	-	1.60	(0.60-	4.30)
Partial Totals									0	0	0	0			

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
28	KALAND	7	f	t	x	e	6	0	75	92	15	26	1.41	(0.70-	2.86)
49	ZARIDZ	11	f	t	x	e	6	0	38	73	151	285	0.98	(0.63-	1.52)
Totals									113	165	166	311			

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
22	SHIMIZ	4	f	t	m	e	6	0	10	5	80	158	3.95	(1.31-	11.95)
30	WU-WIL	5	f	t	m	e	6	0	119	192	298	410	0.85	(0.65-	1.12)
41	SUN	8	f	t	m	e	6	2	-	-	-	-	2.05	(1.29-	3.27)
55	LEECH	9	f	t	q	a	6	0	51	93	217	352	0.89	(0.61-	1.30)
*60	NISHIN	3	f	t	x	c	2	0	7	28977	17	44950	0.64	(0.26-	1.54)
95	GELAC	4	m	t	m	e	2	0	4	7	289	307	0.61	(0.18-	2.10)
95	GELAC	18	f	t	m	e	2	0	37	38	1114	1172	1.02	(0.65-	1.62)
Subtotal 95													0.96	(0.62-	1.48)
96	MASJED	7	m	t	e	e	2	0	9	34	17	136	2.12	(0.87-	5.16)
96	MASJED	8	f	t	e	e	2	0	15	30	40	89	1.11	(0.54-	2.29)
Subtotal 96													1.44	(0.82-	2.52)
Partial Totals									252	29376	2072	47574			

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	1	2	9	12
NS	1	2	7	10
Wt	3.96	27.67	136.67	168.30
Het Chi	0.00	0.74	20.81	22.22
Het df	0	1	8	11
Het P	N.S.	N.S.	**	*
Fixed RR	1.60	1.09	1.05	1.07
RRl	0.60	0.75	0.89	0.92
RRu	4.28	1.58	1.25	1.24
P	N.S.	N.S.	N.S.	N.S.
Random RR	1.60	1.09	1.16	1.16
RRl	0.60	0.75	0.85	0.91
RRu	4.28	1.58	1.59	1.48
P	N.S.	N.S.	N.S.	N.S.
Asymm P			N.S.	N.S.
Between Chi		0.52	0.67	0.68
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

 Within each study, results are selected according to the following order of preference:

- 1) HOU : x, p, m, f, q/r/s/c/y, other
- 2) TIM : e, a, z, y, w, f, v, c, other
- 3) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 135
 ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Excluding Spouse (using ETS from father where no more comprehensive index available) - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
22	SHIMIZ	3	f	t	f	e	6	0	39	67	51	96	1.10	(0.65-	1.84)
28	KALAND	7	f	t	x	e	6	0	75	92	15	26	1.41	(0.70-	2.86)
30	WU-WIL	7	f	t	f	e	6	0	182	250	235	352	1.09	(0.85-	1.40)
33	STOCKW	9	f	t	f	e	7	3	-	-	-	-	1.20	(0.60-	2.30)
41	SUN	9	f	t	f	e	6	2	-	-	-	-	2.35	(1.56-	3.54)
49	ZARIDZ	12	f	t	x	e	6	2	-	-	-	-	0.91	(0.58-	1.42)
55	LEECH	10	f	t	q	a	6	7	-	-	-	-	0.80	(0.51-	1.24)
*60	NISHIN	4	f	t	x	c	2	7	-	-	-	-	0.53	(0.18-	1.50)
95	GELAC	10	m	t	f	e	2	5	-	-	-	-	0.86	(0.59-	1.30)
95	GELAC	25	f	t	f	e	2	5	-	-	-	-	1.20	(0.99-	1.42)
Subtotal 95													1.13	(0.96-	1.33)
96	MASJED	7	m	t	e	e	2	0	9	34	17	136	2.12	(0.87-	5.16)
96	MASJED	8	f	t	e	e	2	0	15	30	40	89	1.11	(0.54-	2.29)
Subtotal 96													1.44	(0.82-	2.52)
Partial Totals									320	473	358	699			
*prospective study															

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Ys	Ws	Qs	Ps
22	SHIMIZ	3	f	t	f	e	6	0	0.09	14.17	0.04	0.7309
28	KALAND	7	f	t	x	e	6	0	0.35	7.73	0.32	0.3363
30	WU-WIL	7	f	t	f	e	6	0	0.09	60.27	0.19	0.5014
33	STOCKW	9	f	t	f	e	7	3	0.18	8.51	0.01	0.5948
41	SUN	9	f	t	f	e	6	2	0.85	22.88	11.60	0.0000
49	ZARIDZ	12	f	t	x	e	6	2	-0.09	19.17	1.07	0.6797
55	LEECH	10	f	t	q	a	6	7	-0.22	19.47	2.60	0.3249
*60	NISHIN	4	f	t	x	c	2	7	-0.63	3.42	2.06	0.2405
95	GELAC	10	m	t	f	e	2	5	-0.15	24.62	2.12	0.4542
95	GELAC	25	f	t	f	e	2	5	0.18	118.10	0.19	0.0476
Subtotal 95									0.12	142.72	2.30	
96	MASJED	7	m	t	e	e	2	0	0.75	4.84	1.79	0.0989
96	MASJED	8	f	t	e	e	2	0	0.11	7.34	0.01	0.7727
Subtotal 96									0.36	12.18	1.80	

Relative risks

N	12
NS	10
Wt	310.51
Het Chi	22.00
Het df	11
Het P	*
Fixed RR	1.15
RRl	1.03
RRu	1.29
P	+
Random RR	1.14
RRl	0.95
RRu	1.38
P	N.S.
Asymm P	N.S.

 Within each study, results are selected according to the following order of preference:

- 1) HOU : x, p, f, m, q/r/s/c/y, other
- 2) TIM : e, a, z, y, w, f, v, c, other
- 3) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 138
 ETS and Lung Cancer - Meta-Analysis of Household Exposure, 14-NOV-14
 Excluding Spouse (using ETS from father where no more comprehensive index available) - both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
33	STOCKW	9	f	t	f	e	7	3	-	-	-	-	1.20	(0.60- 2.30)
Partial Totals									0	0	0	0		

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
28	KALAND	7	f	t	x	e	6	0	75	92	15	26	1.41	(0.70- 2.86)
49	ZARIDZ	11	f	t	x	e	6	0	38	73	151	285	0.98	(0.63- 1.52)
Totals									113	165	166	311		

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	HOU	TIM	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
22	SHIMIZ	3	f	t	f	e	6	0	39	67	51	96	1.10	(0.65- 1.84)
30	WU-WIL	7	f	t	f	e	6	0	182	250	235	352	1.09	(0.85- 1.40)
41	SUN	9	f	t	f	e	6	2	-	-	-	-	2.35	(1.56- 3.54)
55	LEECH	9	f	t	q	a	6	0	51	93	217	352	0.89	(0.61- 1.30)
*60	NISHIN	3	f	t	x	c	2	0	7	28977	17	44950	0.64	(0.26- 1.54)
95	GELAC	3	m	t	f	e	2	0	111	112	198	193	0.97	(0.70- 1.34)
95	GELAC	17	f	t	f	e	2	0	449	405	689	763	1.23	(1.04- 1.45)
Subtotal 95													1.17	(1.00- 1.36)
96	MASJED	7	m	t	e	e	2	0	9	34	17	136	2.12	(0.87- 5.16)
96	MASJED	8	f	t	e	e	2	0	15	30	40	89	1.11	(0.54- 2.29)
Subtotal 96													1.44	(0.82- 2.52)
Partial Totals									863	29968	1464	46931		

*prospective study

NAmerica Europe Asia Other Total

Relative risks

N	1	2	9	12
NS	1	2	7	10
Wt	8.51	27.67	310.49	346.67
Het Chi	0.00	0.74	18.60	19.52
Het df	0	1	8	11
Het P	N.S.	N.S.	*	(*)
Fixed RR	1.20	1.09	1.18	1.17
RRl	0.61	0.75	1.06	1.06
RRu	2.35	1.58	1.32	1.30
P	N.S.	N.S.	++	++
Random RR	1.20	1.09	1.18	1.17
RRl	0.61	0.75	0.96	0.99
RRu	2.35	1.58	1.44	1.38
P	N.S.	N.S.	N.S.	(+)
Asymm P			N.S.	N.S.
Between Chi		0.06	0.00	0.17
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

 Within each study, results are selected according to the following order of preference:

- 1) HOU : x, p, f, m, q/r/s/c/y, other
- 2) TIM : e, a, z, y, w, f, v, c, other
- 3) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 139
ETS and Lung Cancer - Meta-Analysis of Travel Exposure, 14-NOV-14
 Both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
							Case	Cont	Case	Cont				
12	LEE	21	m	t	2	0	3	29	8	101	1.31	(0.33-	5.24)	
12	LEE	22	f	t	2	0	2	64	28	238	0.27	(0.06-	1.14)	
Subtotal 12											0.61	(0.22-	1.68)	
39	KABAT2	27	m	t	2	0	9	18	32	99	1.55	(0.63-	3.78)	
39	KABAT2	28	f	t	2	0	19	32	50	155	1.84	(0.96-	3.53)	
Subtotal 39											1.73	(1.02-	2.93)	
47	BOFFET	90	m	t	2	2	-	-	-	-	1.39	(0.84-	2.28)	
47	BOFFET	92	f	t	2	2	-	-	-	-	1.07	(0.79-	1.45)	
Subtotal 47											1.15	(0.89-	1.49)	
52	RAPITI	28	c	t	2	3	-	-	-	-	5.20	(1.90-	14.00)	
61	OHNO	24	f	t	2	2	-	-	-	-	0.99	(0.57-	1.72)	
Partial Totals							33	143	118	593				

*prospective study

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Ys	Ws	Qs	Ps
12	LEE	21	m	t	2	0	0.27	1.99	0.00	0.7065
12	LEE	22	f	t	2	0	-1.33	1.80	4.29	0.0753
Subtotal 12							-0.49	3.79	4.29	
39	KABAT2	27	m	t	2	0	0.44	4.81	0.23	0.3388
39	KABAT2	28	f	t	2	0	0.61	9.06	1.39	0.0662
Subtotal 39							0.55	13.87	1.62	
47	BOFFET	90	m	t	2	2	0.33	15.41	0.19	0.1961
47	BOFFET	92	f	t	2	2	0.07	41.66	0.94	0.6623
Subtotal 47							0.14	57.08	1.13	
52	RAPITI	28	c	t	2	3	1.65	3.85	7.88	0.0012
61	OHNO	24	f	t	2	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.

Table 140
ETS and Lung Cancer - Meta-Analysis of Travel Exposure, 14-NOV-14
 Both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
12	LEE	21	m	t	2	0	3	29	8	101	1.31	(0.33-	5.24)
12	LEE	22	f	t	2	0	2	64	28	238	0.27	(0.06-	1.14)
Subtotal 12											0.61	(0.22-	1.68)
39	KABAT2	27	m	t	2	0	9	18	32	99	1.55	(0.63-	3.78)
39	KABAT2	28	f	t	2	0	19	32	50	155	1.84	(0.96-	3.53)
Subtotal 39											1.73	(1.02-	2.93)
47	BOFFET	89	m	t	2	0	36	125	105	406	1.11	(0.73-	1.71)
47	BOFFET	91	f	t	2	0	89	185	420	826	0.95	(0.72-	1.25)
Subtotal 47											0.99	(0.79-	1.25)
52	RAPITI	28	c	t	2	3	-	-	-	-	5.20	(1.90-	14.00)
61	OHNO	23	f	t	2	0	22	38	167	287	0.99	(0.57-	1.74)
Partial Totals							180	491	810	2112			

*prospective study

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Ys	Ws	Qs	Ps
12	LEE	21	m	t	2	0	0.27	1.99	0.05	0.7065
12	LEE	22	f	t	2	0	-1.33	1.80	3.72	0.0753
Subtotal 12							-0.49	3.79	3.76	
39	KABAT2	27	m	t	2	0	0.44	4.81	0.51	0.3388
39	KABAT2	28	f	t	2	0	0.61	9.06	2.26	0.0662
Subtotal 39							0.55	13.87	2.76	
47	BOFFET	89	m	t	2	0	0.11	20.94	0.00	0.6225
47	BOFFET	91	f	t	2	0	-0.06	49.42	1.37	0.6970
Subtotal 47							-0.01	70.36	1.37	
52	RAPITI	28	c	t	2	3	1.65	3.85	9.11	0.0012
61	OHNO	23	f	t	2	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.

Table 141
ETS and Lung Cancer - Meta-Analysis of Travel Exposure, 14-NOV-14
 Both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
39	KABAT2	27	m	t	2	0	9	18	32	99	1.55	(0.63- 3.78)	
39	KABAT2	28	f	t	2	0	19	32	50	155	1.84	(0.96- 3.53)	
Subtotal 39											1.73	(1.02- 2.93)	
Totals							28	50	82	254			

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
12	LEE	21	m	t	2	0	3	29	8	101	1.31	(0.33- 5.24)	
12	LEE	22	f	t	2	0	2	64	28	238	0.27	(0.06- 1.14)	
Subtotal 12											0.61	(0.22- 1.68)	
47	BOFFET	90	m	t	2	2	-	-	-	-	1.39	(0.84- 2.28)	
47	BOFFET	92	f	t	2	2	-	-	-	-	1.07	(0.79- 1.45)	
Subtotal 47											1.15	(0.89- 1.49)	
Partial Totals							5	93	36	339			

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
52	RAPITI	28	c	t	2	3	-	-	-	-	5.20	(1.90- 14.00)	
61	OHNO	24	f	t	2	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.

Table 142
ETS and Lung Cancer - Meta-Analysis of Travel Exposure, 14-NOV-14
 Both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
39	KABAT2	27	m	t	2	0	9	18	32	99	1.55	(0.63- 3.78)	
39	KABAT2	28	f	t	2	0	19	32	50	155	1.84	(0.96- 3.53)	
Subtotal 39											1.73	(1.02- 2.93)	
Totals							28	50	82	254			

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
12	LEE	21	m	t	2	0	3	29	8	101	1.31	(0.33- 5.24)	
12	LEE	22	f	t	2	0	2	64	28	238	0.27	(0.06- 1.14)	
Subtotal 12											0.61	(0.22- 1.68)	
47	BOFFET	89	m	t	2	0	36	125	105	406	1.11	(0.73- 1.71)	
47	BOFFET	91	f	t	2	0	89	185	420	826	0.95	(0.72- 1.25)	
Subtotal 47											0.99	(0.79- 1.25)	
Totals							130	403	561	1571			

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
52	RAPITI	28	c	t	2	3	-	-	-	-	5.20	(1.90- 14.00)	
61	OHNO	23	f	t	2	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.

Table 143
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 14-NOV-14
 Both sexes

Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
8	GARFI2	11	f	t	1	0	19	43	42	135	1.42	(0.75-	2.70)
12	LEE	11	m	t	2	0	9	87	3	45	1.55	(0.40-	6.02)
12	LEE	12	f	t	2	0	16	202	15	116	0.61	(0.29-	1.28)
Subtotal 12											0.76	(0.40-	1.45)
27	JANERI	9	c	t	5	0	-	-	-	-	0.59	(0.43-	0.81)
36	FONTHA	22	f	t	2	8	-	-	-	-	1.50	(1.19-	1.89)
39	KABAT2	11	m	t	2	0	25	62	16	55	1.39	(0.67-	2.86)
39	KABAT2	12	f	t	2	0	28	67	41	120	1.22	(0.69-	2.15)
Subtotal 39											1.28	(0.82-	2.00)
*44	CARDEN	19	m	t	2	7	-	-	-	-	0.58	(0.34-	0.99)
*44	CARDEN	20	f	t	2	7	-	-	-	-	0.99	(0.62-	1.56)
Subtotal 44											0.79	(0.56-	1.12)
47	BOFFET	48	m	t	2	2	-	-	-	-	1.24	(0.79-	1.93)
47	BOFFET	50	f	t	2	2	-	-	-	-	0.95	(0.73-	1.24)
Subtotal 47											1.02	(0.81-	1.28)
61	OHNO	26	f	t	2	2	-	-	-	-	1.25	(0.63-	2.48)
79	ASOMAN	3	c	t	2	0	99	337	39	129	0.97	(0.64-	1.48)
96	MASJED	11	m	t	2	0	0	1	26	169	2.13~	(0.08-	53.72)
96	MASJED	12	f	t	2	0	0	3	55	116	0.30~	(0.02-	5.91)
Subtotal 96											0.74	(0.08-	6.61)
Partial Totals							196	802	237	885			

*prospective study

~ With 0.5 adjustment for zero

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	11	f	t	1	0	0.35	9.34	0.95	0.2837
12	LEE	11	m	t	2	0	0.44	2.09	0.35	0.5252
12	LEE	12	f	t	2	0	-0.49	7.01	1.91	0.1945
Subtotal 12							-0.28	9.10	2.26	
27	JANERI	9	c	t	5	0	-0.53	38.32	12.03	0.0011
36	FONTHA	22	f	t	2	8	0.41	71.80	9.98	0.0006
39	KABAT2	11	m	t	2	0	0.33	7.31	0.63	0.3774
39	KABAT2	12	f	t	2	0	0.20	12.00	0.34	0.4854
Subtotal 39							0.25	19.31	0.97	
*44	CARDEN	19	m	t	2	7	-0.54	13.45	4.48	0.0457
*44	CARDEN	20	f	t	2	7	-0.01	18.05	0.03	0.9659
Subtotal 44							-0.24	31.50	4.52	
47	BOFFET	48	m	t	2	2	0.22	19.26	0.64	0.3452
47	BOFFET	50	f	t	2	2	-0.05	54.74	0.39	0.7043
Subtotal 47							0.02	74.00	1.03	
61	OHNO	26	f	t	2	2	0.22	8.18	0.30	0.5233
79	ASOMAN	3	c	t	2	0	-0.03	21.52	0.08	0.8940
96	MASJED	11	m	t	2	0	0.76	0.37	0.19	0.6456
96	MASJED	12	f	t	2	0	-1.20	0.43	0.66	0.4283
Subtotal 96							-0.30	0.80	0.86	

Relative risks

N	15
NS	10
Wt	283.86
Het Chi	32.96
Het df	14
Het P	**
Fixed RR	1.03
RRl	0.92
RRu	1.16
P	N.S.
Random RR	1.01
RRl	0.82
RRu	1.24
P	N.S.
Asymm P	N.S.

 Within each study, results are selected according to the following order of preference:

- 1) TIM : e, a, z, y, w, f, v, c, other
- 2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 144
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 14-NOV-14
 Both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
8	GARFI2	11	f	t	1	0	19	43	42	135	1.42	(0.75- 2.70)	
12	LEE	11	m	t	2	0	9	87	3	45	1.55	(0.40- 6.02)	
12	LEE	12	f	t	2	0	16	202	15	116	0.61	(0.29- 1.28)	
Subtotal 12											0.76	(0.40- 1.45)	
27	JANERI	9	c	t	5	0	-	-	-	-	0.59	(0.43- 0.81)	
36	FONTHA	21	f	t	2	0	189	297	426	947	1.41	(1.14- 1.75)	
39	KABAT2	11	m	t	2	0	25	62	16	55	1.39	(0.67- 2.86)	
39	KABAT2	12	f	t	2	0	28	67	41	120	1.22	(0.69- 2.15)	
Subtotal 39											1.28	(0.82- 2.00)	
*44	CARDEN	19	m	t	2	7	-	-	-	-	0.58	(0.34- 0.99)	
*44	CARDEN	20	f	t	2	7	-	-	-	-	0.99	(0.62- 1.56)	
Subtotal 44											0.79	(0.56- 1.12)	
47	BOFFET	47	m	t	2	0	55	204	86	327	1.03	(0.70- 1.50)	
47	BOFFET	49	f	t	2	0	119	250	390	761	0.93	(0.72- 1.19)	
Subtotal 47											0.96	(0.78- 1.18)	
61	OHNO	25	f	t	2	0	16	23	172	303	1.23	(0.63- 2.38)	
79	ASOMAN	3	c	t	2	0	99	337	39	129	0.97	(0.64- 1.48)	
96	MASJED	11	m	t	2	0	0	1	26	169	2.13~	(0.08- 53.72)	
96	MASJED	12	f	t	2	0	0	3	55	116	0.30~	(0.02- 5.91)	
Subtotal 96											0.74	(0.08- 6.61)	
Partial Totals							575	1576	1311	3223			

*prospective study

~ With 0.5 adjustment for zero

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	11	f	t	1	0	0.35	9.34	1.07	0.2837
12	LEE	11	m	t	2	0	0.44	2.09	0.38	0.5252
12	LEE	12	f	t	2	0	-0.49	7.01	1.76	0.1945
Subtotal 12							-0.28	9.10	2.15	
27	JANERI	9	c	t	5	0	-0.53	38.32	11.15	0.0011
36	FONTHA	21	f	t	2	0	0.35	82.91	9.31	0.0016
39	KABAT2	11	m	t	2	0	0.33	7.31	0.72	0.3774
39	KABAT2	12	f	t	2	0	0.20	12.00	0.43	0.4854
Subtotal 39							0.25	19.31	1.16	
*44	CARDEN	19	m	t	2	7	-0.54	13.45	4.17	0.0457
*44	CARDEN	20	f	t	2	7	-0.01	18.05	0.01	0.9659
Subtotal 44							-0.24	31.50	4.17	
47	BOFFET	47	m	t	2	0	0.02	26.48	0.00	0.8984
47	BOFFET	49	f	t	2	0	-0.07	61.42	0.45	0.5627
Subtotal 47							-0.04	87.90	0.45	
61	OHNO	25	f	t	2	0	0.20	8.69	0.32	0.5489
79	ASOMAN	3	c	t	2	0	-0.03	21.52	0.04	0.8940
96	MASJED	11	m	t	2	0	0.76	0.37	0.20	0.6456
96	MASJED	12	f	t	2	0	-1.20	0.43	0.64	0.4283
Subtotal 96							-0.30	0.80	0.84	

Relative risks

N	15
NS	10
Wt	309.37
Het Chi	30.66
Het df	14
Het P	**
Fixed RR	1.01
RRl	0.91
RRu	1.13
P	N.S.
Random RR	0.98
RRl	0.81
RRu	1.19
P	N.S.
Asymm P	N.S.

 Within each study, results are selected according to the following order of preference:

- 1) TIM : e, a, z, y, w, f, v, c, other
- 2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 145
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 14-NOV-14
 Both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
8	GARFI2	11	f	t	1	0	19	43	42	135	1.42	(0.75- 2.70)	
27	JANERI	9	c	t	5	0	-	-	-	-	0.59	(0.43- 0.81)	
36	FONTHA	22	f	t	2	8	-	-	-	-	1.50	(1.19- 1.89)	
39	KABAT2	11	m	t	2	0	25	62	16	55	1.39	(0.67- 2.86)	
39	KABAT2	12	f	t	2	0	28	67	41	120	1.22	(0.69- 2.15)	
Subtotal 39											1.28	(0.82- 2.00)	
*44	CARDEN	19	m	t	2	7	-	-	-	-	0.58	(0.34- 0.99)	
*44	CARDEN	20	f	t	2	7	-	-	-	-	0.99	(0.62- 1.56)	
Subtotal 44											0.79	(0.56- 1.12)	
79	ASOMAN	3	c	t	2	0	99	337	39	129	0.97	(0.64- 1.48)	
Partial Totals							171	509	138	439			
*prospective study													

Europe

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
12	LEE	11	m	t	2	0	9	87	3	45	1.55	(0.40- 6.02)	
12	LEE	12	f	t	2	0	16	202	15	116	0.61	(0.29- 1.28)	
Subtotal 12											0.76	(0.40- 1.45)	
47	BOFFET	48	m	t	2	2	-	-	-	-	1.24	(0.79- 1.93)	
47	BOFFET	50	f	t	2	2	-	-	-	-	0.95	(0.73- 1.24)	
Subtotal 47											1.02	(0.81- 1.28)	
Partial Totals							25	289	18	161			
*prospective study													

Asia

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
61	OHNO	26	f	t	2	2	-	-	-	-	1.25	(0.63- 2.48)	
96	MASJED	11	m	t	2	0	0	1	26	169	2.13~	(0.08- 53.72)	
96	MASJED	12	f	t	2	0	0	3	55	116	0.30~	(0.02- 5.91)	
Subtotal 96											0.74	(0.08- 6.61)	
Partial Totals							0	4	81	285			
*prospective study													

~ With 0.5 adjustment for zero

NAmerica Europe Asia Other Total

Relative risks

N	8	4	3	15
NS	6	2	2	10
Wt	191.78	83.09	8.98	283.86
Het Chi	28.49	3.11	0.97	32.96
Het df	7	3	2	14
Het P	***	N.S.	N.S.	**
Fixed RR	1.05	0.99	1.19	1.03
RRl	0.91	0.80	0.62	0.92
RRu	1.21	1.22	2.29	1.16
P	N.S.	N.S.	N.S.	N.S.
Random RR	1.01	0.99	1.19	1.01
RRl	0.74	0.79	0.62	0.82
RRu	1.37	1.24	2.29	1.24
P	N.S.	N.S.	N.S.	N.S.
Asymm P	N.S.	N.S.	N.S.	N.S.
Between Chi		0.21	0.15	0.40
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

 Within each study, results are selected according to the following order of preference:

- 1) TIM : e, a, z, y, w, f, v, c, other
- 2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 146
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 14-NOV-14
Both sexes
By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
8	GARFI2	11	f	t	1	0	19	43	42	135	1.42	(0.75- 2.70)
27	JANERI	9	c	t	5	0	-	-	-	-	0.59	(0.43- 0.81)
36	FONTHA	21	f	t	2	0	189	297	426	947	1.41	(1.14- 1.75)
39	KABAT2	11	m	t	2	0	25	62	16	55	1.39	(0.67- 2.86)
39	KABAT2	12	f	t	2	0	28	67	41	120	1.22	(0.69- 2.15)
Subtotal 39											1.28	(0.82- 2.00)
*44	CARDEN	19	m	t	2	7	-	-	-	-	0.58	(0.34- 0.99)
*44	CARDEN	20	f	t	2	7	-	-	-	-	0.99	(0.62- 1.56)
Subtotal 44											0.79	(0.56- 1.12)
79	ASOMAN	3	c	t	2	0	99	337	39	129	0.97	(0.64- 1.48)
Partial Totals							360	806	564	1386		
*prospective study												

Europe

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
12	LEE	11	m	t	2	0	9	87	3	45	1.55	(0.40- 6.02)
12	LEE	12	f	t	2	0	16	202	15	116	0.61	(0.29- 1.28)
Subtotal 12											0.76	(0.40- 1.45)
47	BOFFET	47	m	t	2	0	55	204	86	327	1.03	(0.70- 1.50)
47	BOFFET	49	f	t	2	0	119	250	390	761	0.93	(0.72- 1.19)
Subtotal 47											0.96	(0.78- 1.18)
Totals							199	743	494	1249		
*prospective study												

Asia

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
61	OHNO	25	f	t	2	0	16	23	172	303	1.23	(0.63- 2.38)
96	MASJED	11	m	t	2	0	0	1	26	169	2.13~	(0.08- 53.72)
96	MASJED	12	f	t	2	0	0	3	55	116	0.30~	(0.02- 5.91)
Subtotal 96											0.74	(0.08- 6.61)
Totals							16	27	253	588		
*prospective study												

~ With 0.5 adjustment for zero

NAmerica Europe Asia Other Total

Relative risks

N	8	4	3	15
NS	6	2	2	10
Wt	202.89	96.99	9.49	309.37
Het Chi	26.71	2.02	0.95	30.66
Het df	7	3	2	14
Het P	***	N.S.	N.S.	**
Fixed RR	1.04	0.94	1.17	1.01
RRl	0.91	0.77	0.62	0.91
RRu	1.20	1.14	2.22	1.13
P	N.S.	N.S.	N.S.	N.S.
Random RR	1.00	0.94	1.17	0.98
RRl	0.74	0.77	0.62	0.81
RRu	1.34	1.14	2.22	1.19
P	N.S.	N.S.	N.S.	N.S.
Asymm P	N.S.	N.S.	N.S.	N.S.
Between Chi		0.76	0.13	0.98
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

Within each study, results are selected according to the following order of preference:

- 1) TIM : e, a, z, y, w, f, v, c, other
- 2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 143
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 14-NOV-14
 Alternative analysis excluding Janerich - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
8	GARFI2	11	f	t	1	0	19	43	42	135	1.42	(0.75-	2.70)
12	LEE	11	m	t	2	0	9	87	3	45	1.55	(0.40-	6.02)
12	LEE	12	f	t	2	0	16	202	15	116	0.61	(0.29-	1.28)
Subtotal 12											0.76	(0.40-	1.45)
36	FONTHA	22	f	t	2	8	-	-	-	-	1.50	(1.19-	1.89)
39	KABAT2	11	m	t	2	0	25	62	16	55	1.39	(0.67-	2.86)
39	KABAT2	12	f	t	2	0	28	67	41	120	1.22	(0.69-	2.15)
Subtotal 39											1.28	(0.82-	2.00)
*44	CARDEN	19	m	t	2	7	-	-	-	-	0.58	(0.34-	0.99)
*44	CARDEN	20	f	t	2	7	-	-	-	-	0.99	(0.62-	1.56)
Subtotal 44											0.79	(0.56-	1.12)
47	BOFFET	48	m	t	2	2	-	-	-	-	1.24	(0.79-	1.93)
47	BOFFET	50	f	t	2	2	-	-	-	-	0.95	(0.73-	1.24)
Subtotal 47											1.02	(0.81-	1.28)
61	OHNO	26	f	t	2	2	-	-	-	-	1.25	(0.63-	2.48)
79	ASOMAN	3	c	t	2	0	99	337	39	129	0.97	(0.64-	1.48)
96	MASJED	11	m	t	2	0	0	1	26	169	2.13~	(0.08-	53.72)
96	MASJED	12	f	t	2	0	0	3	55	116	0.30~	(0.02-	5.91)
Subtotal 96											0.74	(0.08-	6.61)
Partial Totals							196	802	237	885			

*prospective study

~ With 0.5 adjustment for zero

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	11	f	t	1	0	0.35	9.34	0.50	0.2837
12	LEE	11	m	t	2	0	0.44	2.09	0.21	0.5252
12	LEE	12	f	t	2	0	-0.49	7.01	2.61	0.1945
Subtotal 12							-0.28	9.10	2.82	
36	FONTHA	22	f	t	2	8	0.41	71.80	5.85	0.0006
39	KABAT2	11	m	t	2	0	0.33	7.31	0.31	0.3774
39	KABAT2	12	f	t	2	0	0.20	12.00	0.08	0.4854
Subtotal 39							0.25	19.31	0.39	
*44	CARDEN	19	m	t	2	7	-0.54	13.45	5.94	0.0457
*44	CARDEN	20	f	t	2	7	-0.01	18.05	0.31	0.9659
Subtotal 44							-0.24	31.50	6.25	
47	BOFFET	48	m	t	2	2	0.22	19.26	0.17	0.3452
47	BOFFET	50	f	t	2	2	-0.05	54.74	1.61	0.7043
Subtotal 47							0.02	74.00	1.78	
61	OHNO	26	f	t	2	2	0.22	8.18	0.09	0.5233
79	ASOMAN	3	c	t	2	0	-0.03	21.52	0.48	0.8940
96	MASJED	11	m	t	2	0	0.76	0.37	0.15	0.6456
96	MASJED	12	f	t	2	0	-1.20	0.43	0.76	0.4283
Subtotal 96							-0.30	0.80	0.91	

Relative risks

N	14
NS	9
Wt	245.54
Het Chi	19.06
Het df	13
Het P	N.S.
Fixed RR	1.13
RRl	0.99
RRu	1.28
P	(+)
Random RR	1.09
RRl	0.91
RRu	1.29
P	N.S.
Asymm P	N.S.

 Within each study, results are selected according to the following order of preference:

- 1) TIM : e, a, z, y, w, f, v, c, other
- 2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 144
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 14-NOV-14
 Alternative analysis excluding Janerich - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
							Case	Cont	Case	Cont				
8	GARFI2	11	f	t	1	0	19	43	42	135	1.42	(0.75-	2.70)	
12	LEE	11	m	t	2	0	9	87	3	45	1.55	(0.40-	6.02)	
12	LEE	12	f	t	2	0	16	202	15	116	0.61	(0.29-	1.28)	
Subtotal 12											0.76	(0.40-	1.45)	
36	FONTHA	21	f	t	2	0	189	297	426	947	1.41	(1.14-	1.75)	
39	KABAT2	11	m	t	2	0	25	62	16	55	1.39	(0.67-	2.86)	
39	KABAT2	12	f	t	2	0	28	67	41	120	1.22	(0.69-	2.15)	
Subtotal 39											1.28	(0.82-	2.00)	
*44	CARDEN	19	m	t	2	7	-	-	-	-	0.58	(0.34-	0.99)	
*44	CARDEN	20	f	t	2	7	-	-	-	-	0.99	(0.62-	1.56)	
Subtotal 44											0.79	(0.56-	1.12)	
47	BOFFET	47	m	t	2	0	55	204	86	327	1.03	(0.70-	1.50)	
47	BOFFET	49	f	t	2	0	119	250	390	761	0.93	(0.72-	1.19)	
Subtotal 47											0.96	(0.78-	1.18)	
61	OHNO	25	f	t	2	0	16	23	172	303	1.23	(0.63-	2.38)	
79	ASOMAN	3	c	t	2	0	99	337	39	129	0.97	(0.64-	1.48)	
96	MASJED	11	m	t	2	0	0	1	26	169	2.13~	(0.08-	53.72)	
96	MASJED	12	f	t	2	0	0	3	55	116	0.30~	(0.02-	5.91)	
Subtotal 96											0.74	(0.08-	6.61)	
Partial Totals							575	1576	1311	3223				

*prospective study

~ With 0.5 adjustment for zero

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	11	f	t	1	0	0.35	9.34	0.65	0.2837
12	LEE	11	m	t	2	0	0.44	2.09	0.26	0.5252
12	LEE	12	f	t	2	0	-0.49	7.01	2.34	0.1945
Subtotal 12							-0.28	9.10	2.60	
36	FONTHA	21	f	t	2	0	0.35	82.91	5.56	0.0016
39	KABAT2	11	m	t	2	0	0.33	7.31	0.42	0.3774
39	KABAT2	12	f	t	2	0	0.20	12.00	0.15	0.4854
Subtotal 39							0.25	19.31	0.57	
*44	CARDEN	19	m	t	2	7	-0.54	13.45	5.38	0.0457
*44	CARDEN	20	f	t	2	7	-0.01	18.05	0.17	0.9659
Subtotal 44							-0.24	31.50	5.56	
47	BOFFET	47	m	t	2	0	0.02	26.48	0.11	0.8984
47	BOFFET	49	f	t	2	0	-0.07	61.42	1.61	0.5627
Subtotal 47							-0.04	87.90	1.71	
61	OHNO	25	f	t	2	0	0.20	8.69	0.12	0.5489
79	ASOMAN	3	c	t	2	0	-0.03	21.52	0.29	0.8940
96	MASJED	11	m	t	2	0	0.76	0.37	0.17	0.6456
96	MASJED	12	f	t	2	0	-1.20	0.43	0.72	0.4283
Subtotal 96							-0.30	0.80	0.89	

Relative risks

N	14
NS	9
Wt	271.06
Het Chi	17.94
Het df	13
Het P	N.S.
Fixed RR	1.09
RRl	0.97
RRu	1.23
P	N.S.
Random RR	1.06
RRl	0.90
RRu	1.24
P	N.S.
Asymm P	N.S.

 Within each study, results are selected according to the following order of preference:

- 1) TIM : e, a, z, y, w, f, v, c, other
- 2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 145
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 14-NOV-14
 Alternative analysis excluding Janerich - both sexes
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
8	GARFI2	11	f	t	1	0	19	43	42	135	1.42	(0.75- 2.70)
36	FONTHA	22	f	t	2	8	-	-	-	-	1.50	(1.19- 1.89)
39	KABAT2	11	m	t	2	0	25	62	16	55	1.39	(0.67- 2.86)
39	KABAT2	12	f	t	2	0	28	67	41	120	1.22	(0.69- 2.15)
Subtotal 39											1.28	(0.82- 2.00)
*44	CARDEN	19	m	t	2	7	-	-	-	-	0.58	(0.34- 0.99)
*44	CARDEN	20	f	t	2	7	-	-	-	-	0.99	(0.62- 1.56)
Subtotal 44											0.79	(0.56- 1.12)
79	ASOMAN	3	c	t	2	0	99	337	39	129	0.97	(0.64- 1.48)
Partial Totals							171	509	138	439		
*prospective study												

Europe

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
12	LEE	11	m	t	2	0	9	87	3	45	1.55	(0.40- 6.02)
12	LEE	12	f	t	2	0	16	202	15	116	0.61	(0.29- 1.28)
Subtotal 12											0.76	(0.40- 1.45)
47	BOFFET	48	m	t	2	2	-	-	-	-	1.24	(0.79- 1.93)
47	BOFFET	50	f	t	2	2	-	-	-	-	0.95	(0.73- 1.24)
Subtotal 47											1.02	(0.81- 1.28)
Partial Totals							25	289	18	161		
*prospective study												

Asia

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
61	OHNO	26	f	t	2	2	-	-	-	-	1.25	(0.63- 2.48)
96	MASJED	11	m	t	2	0	0	1	26	169	2.13~	(0.08- 53.72)
96	MASJED	12	f	t	2	0	0	3	55	116	0.30~	(0.02- 5.91)
Subtotal 96											0.74	(0.08- 6.61)
Partial Totals							0	4	81	285		
*prospective study												

~ With 0.5 adjustment for zero

NAmerica Europe Asia Other Total

Relative risks

N	7	4	3	14
NS	5	2	2	9
Wt	153.46	83.09	8.98	245.54
Het Chi	12.73	3.11	0.97	19.06
Het df	6	3	2	13
Het P	*	N.S.	N.S.	N.S.
Fixed RR	1.21	0.99	1.19	1.13
RRl	1.03	0.80	0.62	0.99
RRu	1.42	1.22	2.29	1.28
P	+	N.S.	N.S.	(+)
Random RR	1.12	0.99	1.19	1.09
RRl	0.86	0.79	0.62	0.91
RRu	1.45	1.24	2.29	1.29
P	N.S.	N.S.	N.S.	N.S.
Asymm P	N.S.	N.S.	N.S.	N.S.
Between Chi		2.23	0.00	2.26
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

 Within each study, results are selected according to the following order of preference:

1) TIM : e, a, z, y, w, f, v, c, other

2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 146
ETS and Lung Cancer - Meta-Analysis of Social Exposure, 14-NOV-14
 Alternative analysis excluding Janerich - both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
8	GARFI2	11	f	t	1	0	19	43	42	135	1.42 (0.75- 2.70)	
36	FONTHA	21	f	t	2	0	189	297	426	947	1.41 (1.14- 1.75)	
39	KABAT2	11	m	t	2	0	25	62	16	55	1.39 (0.67- 2.86)	
39	KABAT2	12	f	t	2	0	28	67	41	120	1.22 (0.69- 2.15)	
Subtotal 39											1.28 (0.82- 2.00)	
*44	CARDEN	19	m	t	2	7	-	-	-	-	0.58 (0.34- 0.99)	
*44	CARDEN	20	f	t	2	7	-	-	-	-	0.99 (0.62- 1.56)	
Subtotal 44											0.79 (0.56- 1.12)	
79	ASOMAN	3	c	t	2	0	99	337	39	129	0.97 (0.64- 1.48)	
Partial Totals							360	806	564	1386		

*prospective study

Europe

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
12	LEE	11	m	t	2	0	9	87	3	45	1.55 (0.40- 6.02)	
12	LEE	12	f	t	2	0	16	202	15	116	0.61 (0.29- 1.28)	
Subtotal 12											0.76 (0.40- 1.45)	
47	BOFFET	47	m	t	2	0	55	204	86	327	1.03 (0.70- 1.50)	
47	BOFFET	49	f	t	2	0	119	250	390	761	0.93 (0.72- 1.19)	
Subtotal 47											0.96 (0.78- 1.18)	
Totals							199	743	494	1249		

*prospective study

Asia

StN	Ref	NRR	SEX	TYP	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
61	OHNO	25	f	t	2	0	16	23	172	303	1.23 (0.63- 2.38)	
96	MASJED	11	m	t	2	0	0	1	26	169	2.13~ (0.08- 53.72)	
96	MASJED	12	f	t	2	0	0	3	55	116	0.30~ (0.02- 5.91)	
Subtotal 96											0.74 (0.08- 6.61)	
Totals							16	27	253	588		

*prospective study

~ With 0.5 adjustment for zero

NAmerica Europe Asia Other Total

Relative risks

N	7	4	3	14
NS	5	2	2	9
Wt	164.57	96.99	9.49	271.06
Het Chi	11.39	2.02	0.95	17.94
Het df	6	3	2	13
Het P	(*)	N.S.	N.S.	N.S.
Fixed RR	1.19	0.94	1.17	1.09
RRl	1.02	0.77	0.62	0.97
RRu	1.39	1.14	2.22	1.23
P	+	N.S.	N.S.	N.S.
Random RR	1.11	0.94	1.17	1.06
RRl	0.87	0.77	0.62	0.90
RRu	1.41	1.14	2.22	1.24
P	N.S.	N.S.	N.S.	N.S.
Asymm P	N.S.	N.S.	N.S.	N.S.
Between Chi		3.53	0.00	3.58
Between df		1	1	2
Between P		(-)	N.S.	N.S.

 Within each study, results are selected according to the following order of preference:

1) TIM : e, a, z, y, w, f, v, c, other

2) UNX : 2, 1, 4, 3, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 147
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 14-NOV-14
 Both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
									Case	Cont	Case	Cont				
8	GARFI2	8	f	t	z	a	2	0	92	266	42	136	1.12	(0.74-	1.70)	
9	LAMW	2	f	t	e	4	2	0	-	-	-	-	2.51	(1.35-	4.67)	
12	LEE	9	m	t	c	3	4	0	9	70	1	27	3.47	(0.42-	28.72)	
12	LEE	10	f	t	c	3	4	0	5	82	10	75	0.46	(0.15-	1.40)	
Subtotal 12														0.71	(0.27-	1.91)
13	BROWN1	2	f	a	e	a	4	3	-	-	-	-	1.68	(0.39-	6.90)	
16	KOO	10	f	t	e	4	2	4	-	-	-	-	1.78	(0.82-	3.87)	
26	SVENSS	6	f	t	e	4	2	1	-	-	-	-	1.51	(0.44-	5.17)	
36	FONTHA	24	f	t	a	5	2	8	-	-	-	-	1.25	(0.86-	1.83)	
38	DEWAAR	1	f	t	c	8	4	0	19	124	4	67	2.57	(0.84-	7.85)	
41	SUN	6	f	t	a	4	2	2	-	-	-	-	1.83	(1.20-	2.80)	
42	WANGS	1	f	t	e	4	2	0	67	60	15	34	2.53	(1.26-	5.10)	
*44	CARDEN	14	m	t	c	a	2	1	-	-	-	-	0.60	(0.40-	1.00)	
*44	CARDEN	16	f	t	c	a	2	1	-	-	-	-	0.90	(0.70-	1.20)	
Subtotal 44														0.81	(0.64-	1.02)
46	AUVINE	2	m	t	e	a	2	1	-	-	-	-	0.69	(0.28-	1.74)	
47	BOFFET	32	m	t	e	2	2	2	-	-	-	-	1.13	(0.68-	1.89)	
47	BOFFET	34	f	t	e	2	2	2	-	-	-	-	1.15	(0.86-	1.55)	
Subtotal 47														1.14	(0.89-	1.48)
48	SHEN	1	f	a	y	a	2	0	56	59	14	11	0.75	(0.31-	1.78)	
50	BOFFE2	39	c	a	a	2	2	2	-	-	-	-	1.20	(0.60-	2.50)	
*53	SPEIZE	1	f	t	a	a	2	1	-	-	-	-	1.50	(0.30-	6.30)	
55	LEECH	20	f	t	e	4	2	7	-	-	-	-	1.93	(1.30-	2.87)	
56	MALATS	10	c	t	e	2	2	2	-	-	-	-	1.20	(0.60-	2.30)	
58	JOHNSO	6	f	t	e	4	2	4	-	-	-	-	1.44	(0.70-	2.98)	
59	LAGARD	7	c	t	e	b	2	0	77	67	10	12	1.38	(0.56-	3.39)	
64	ZATLOU	6	f	g	a	4	2	3	-	-	-	-	0.48	(0.21-	1.09)	
*67	EPICA	1	c	t	c	4	2	7	-	-	-	-	1.05	(0.60-	1.82)	
68	FANG	2	f	t	e	4	2	8	-	-	-	-	1.77	(1.07-	2.92)	
70	GORLOV	11	m	t	e	4	4	4	-	-	-	-	3.19	(1.08-	9.39)	
70	GORLOV	12	f	t	e	4	4	4	-	-	-	-	1.63	(0.87-	3.05)	
Subtotal 70														1.93	(1.12-	3.32)
*73	WEN	16	f	t	e	7	1	9	-	-	-	-	1.03	(0.57-	1.87)	
74	YU	1	f	t	e	4	4	20	-	-	-	-	1.35	(0.70-	2.63)	
78	LOPEZC	1	c	t	e	a	1	0	35	141	1	4	0.99	(0.11-	9.16)	
80	GALLEG	1	c	t	e	a	1	0	30	90	2	48	8.00	(1.83-	34.92)	
83	YANG	2	c	t	e	a	b	3	-	-	-	-	2.00	(1.30-	3.00)	
85	TSE	74	m	t	a	4	2	9	-	-	-	-	1.06	(0.67-	1.68)	
86	LIANG	3	f	t	e	a	2	0	176	202	50	77	1.34	(0.89-	2.02)	
87	BRENNE	19	c	t	e	4	2	0	128	378	23	68	1.00	(0.60-	1.67)	
88	JIANG	1	c	t	e	4	2	10	-	-	-	-	2.27	(1.23-	4.18)	
*91	HE	2	m	t	e	4	2	9	-	-	-	-	1.86	(0.45-	7.73)	
*91	HE	4	f	t	e	4	2	9	-	-	-	-	2.07	(0.23-	18.34)	
Subtotal 91														1.92	(0.58-	6.33)
93	LIN	7	f	t	e	a	1	7	-	-	-	-	2.50	(1.66-	3.77)	
95	GELAC	8	m	t	e	4	2	3	-	-	-	-	1.04	(0.73-	1.50)	
95	GELAC	23	f	t	e	4	2	3	-	-	-	-	1.39	(1.17-	1.67)	
Subtotal 95														1.31	(1.12-	1.54)
96	MASJED	2	m	t	e	a	1	4	-	-	-	-	1.70	(0.70-	4.30)	
96	MASJED	4	f	t	e	a	1	4	-	-	-	-	1.40	(0.70-	2.90)	
Subtotal 96														1.51	(0.86-	2.64)
97	REN	2	f	t	e	a	1	5	-	-	-	-	1.20	(0.99-	1.46)	
*99	WHIOS	1	f	t	e	a	1	0	-	-	-	-	0.88	(0.52-	1.49)	
100	ILCCO	6	c	t	a	4	2	3	-	-	-	-	1.31	(1.17-	1.47)	
Partial Totals									694	1539	172	559				
*prospective study																

 Within each study, results are selected according to the following order of preference:

- 1) TYP : t, g, other
- 2) TOT : a, other
- 3) TIM : e, a, z, y, f, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 147
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 14-NOV-14
Both sexes
Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	8	f	t	z	a	2	0	0.11	21.84	0.48	0.5966
9	LAMW	2	f	t	e	4	2	0	0.92	9.98	4.33	0.0037
12	LEE	9	m	t	c	3	4	0	1.24	0.86	0.83	0.2484
12	LEE	10	f	t	c	3	4	0	-0.78	3.07	3.35	0.1703
Subtotal 12									-0.34	3.93	4.18	
13	BROWN1	2	f	a	e	a	4	3	0.52	1.86	0.12	0.4791
16	KOO	10	f	t	e	4	2	4	0.58	6.38	0.63	0.1452
26	SVENSS	6	f	t	e	4	2	1	0.41	2.53	0.06	0.5120
36	FONTHA	24	f	t	a	5	2	8	0.22	26.95	0.04	0.2467
38	DEWAAR	1	f	t	c	8	4	0	0.94	3.07	1.43	0.0986
41	SUN	6	f	t	a	4	2	2	0.60	21.40	2.52	0.0052
42	WANGS	1	f	t	e	4	2	0	0.93	7.83	3.49	0.0093
*44	CARDEN	14	m	t	c	a	2	1	-0.51	18.30	10.91	0.0289
*44	CARDEN	16	f	t	c	a	2	1	-0.11	52.89	7.11	0.4435
Subtotal 44									-0.21	71.19	18.03	
46	AUVINE	2	m	t	e	a	2	1	-0.37	4.60	1.84	0.4259
47	BOFFET	32	m	t	e	2	2	2	0.12	14.70	0.28	0.6393
47	BOFFET	34	f	t	e	2	2	2	0.14	44.28	0.65	0.3524
Subtotal 47									0.14	58.98	0.94	
48	SHEN	1	f	a	y	a	2	0	-0.29	5.07	1.56	0.5088
50	BOFFE2	39	c	a	a	2	2	2	0.18	7.54	0.05	0.6165
*53	SPEIZE	1	f	t	a	a	2	1	0.41	1.66	0.03	0.6016
55	LEECH	20	f	t	e	4	2	7	0.66	24.50	3.85	0.0011
56	MALATS	10	c	t	e	2	2	2	0.18	8.51	0.05	0.5948
58	JOHNSO	6	f	t	e	4	2	4	0.36	7.32	0.08	0.3238
59	LAGARD	7	c	t	e	b	2	0	0.32	4.73	0.02	0.4843
64	ZATLOU	6	f	g	a	4	2	3	-0.73	5.67	5.61	0.0806
*67	EPICA	1	c	t	c	4	2	7	0.05	12.48	0.56	0.8632
68	FANG	2	f	t	e	4	2	8	0.57	15.25	1.46	0.0258
70	GORLOV	11	m	t	e	4	4	4	1.16	3.29	2.65	0.0356
70	GORLOV	12	f	t	e	4	4	4	0.49	9.72	0.49	0.1302
Subtotal 70									0.66	13.00	3.14	
*73	WEN	16	f	t	e	7	1	9	0.03	10.89	0.58	0.9223
74	YU	1	f	t	e	4	4	20	0.30	8.70	0.01	0.3760
78	LOPEZC	1	c	t	e	a	1	0	-0.01	0.78	0.06	0.9950
80	GALLEG	1	c	t	e	a	1	0	2.08	1.77	5.85	0.0057
83	YANG	2	c	t	e	a	b	3	0.69	21.97	4.10	0.0012
85	TSE	74	m	t	a	4	2	9	0.06	18.18	0.75	0.8038
86	LIANG	3	f	t	e	a	2	0	0.29	22.93	0.02	0.1592
87	BRENNE	19	c	t	e	4	2	0	0.00	14.57	0.99	0.9965
88	JIANG	1	c	t	e	4	2	10	0.82	10.29	3.19	0.0086
*91	HE	2	m	t	e	4	2	9	0.62	1.90	0.25	0.3923
*91	HE	4	f	t	e	4	2	9	0.73	0.80	0.17	0.5148
Subtotal 91									0.65	2.70	0.42	
93	LIN	7	f	t	e	a	1	7	0.92	22.79	9.81	0.0000
95	GELAC	8	m	t	e	4	2	3	0.04	29.63	1.46	0.8310
95	GELAC	23	f	t	e	4	2	3	0.33	121.37	0.56	0.0003
Subtotal 95									0.27	150.99	2.02	
96	MASJED	2	m	t	e	a	1	4	0.53	4.66	0.34	0.2519
96	MASJED	4	f	t	e	a	1	4	0.34	7.61	0.04	0.3534
Subtotal 96									0.41	12.27	0.38	
97	REN	2	f	t	e	a	1	5	0.18	101.81	0.64	0.0658
*99	WHIOS	1	f	t	e	a	1	0	-0.13	13.87	2.10	0.6341
100	ILCCO	6	c	t	a	4	2	3	0.27	294.92	0.02	0.0000

Within each study, results are selected according to the following order of preference:

- 1) TYP : t, g, other
- 2) TOT : a, other
- 3) TIM : e, a, z, y, f, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 147
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 14-NOV-14
 Both sexes
 Overall analysis - adjusted

Relative risks

	N	47
	NS	40
	Wt	1055.72
	Het Chi	85.44
	Het df	46
	Het P	***
Fixed	RR	1.30
	RRl	1.22
	RRu	1.38
	P	+++
Random	RR	1.32
	RRl	1.19
	RRu	1.46
	P	+++
Asymm	P	N.S.

 Within each study, results are selected according to the following order of preference:

- | | |
|----------------------|----------------------------------|
| 1) TYP : t, g, other | 3) TIM : e, a, z, y, f, c, other |
| 2) TOT : a, other | |

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 148
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 14-NOV-14
Both sexes
Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
									Case	Cont	Case	Cont				
8	GARFI2	8	f	t	z	a	2	0	92	266	42	136	1.12	(0.74-	1.70)	
9	LAMW	2	f	t	e	4	2	0	-	-	-	-	2.51	(1.35-	4.67)	
12	LEE	9	m	t	c	3	4	0	9	70	1	27	3.47	(0.42-	28.72)	
12	LEE	10	f	t	c	3	4	0	5	82	10	75	0.46	(0.15-	1.40)	
Subtotal 12														0.71	(0.27-	1.91)
13	BROWN1	1	f	a	e	a	4	0	4	7	15	40	1.52	(0.39-	5.96)	
16	KOO	6	f	t	e	4	2	0	66	97	22	40	1.24	(0.67-	2.27)	
26	SVENSS	2	f	t	e	4	2	0	27	139	7	35	0.97	(0.39-	2.41)	
36	FONTHA	23	f	t	a	5	2	0	528	1115	48	118	1.16	(0.82-	1.65)	
38	DEWAAR	1	f	t	c	8	4	0	19	124	4	67	2.57	(0.84-	7.85)	
41	SUN	6	f	t	a	4	2	2	-	-	-	-	1.83	(1.20-	2.80)	
42	WANGS	1	f	t	e	4	2	0	67	60	15	34	2.53	(1.26-	5.10)	
*44	CARDEN	13	m	t	c	a	2	0	42	449918	74	336614	0.42	(0.29-	0.62)	
*44	CARDEN	15	f	t	c	a	2	0	71	900309	175	1119778	0.50	(0.38-	0.66)	
Subtotal 44														0.48	(0.38-	0.59)
46	AUVINE	1	m	t	e	a	2	0	17	81	27	148	1.15	(0.59-	2.24)	
47	BOFFET	31	m	t	e	2	2	0	107	390	34	141	1.14	(0.74-	1.75)	
47	BOFFET	33	f	t	e	2	2	0	420	811	88	198	1.17	(0.88-	1.54)	
Subtotal 47														1.16	(0.92-	1.46)
48	SHEN	1	f	a	y	a	2	0	56	59	14	11	0.75	(0.31-	1.78)	
50	BOFFE2	38	c	a	a	2	2	0	50	126	20	52	1.03	(0.56-	1.90)	
*53	SPEIZE	1	f	t	a	a	2	1	-	-	-	-	1.50	(0.30-	6.30)	
55	LEECH	19	f	t	e	4	2	0	189	249	79	196	1.88	(1.36-	2.60)	
56	MALATS	5	c	t	e	2	2	0	90	84	32	37	1.24	(0.71-	2.17)	
58	JOHNSO	5	f	t	e	4	2	0	61	626	10	135	1.32	(0.66-	2.63)	
59	LAGARD	7	c	t	e	b	2	0	77	67	10	12	1.38	(0.56-	3.39)	
64	ZATLOU	3	f	g	a	4	2	0	7	155	77	734	0.43	(0.19-	0.95)	
*67	EPICA	1	c	t	c	4	2	7	-	-	-	-	1.05	(0.60-	1.82)	
68	FANG	1	f	t	e	4	2	1	-	-	-	-	2.74	(1.82-	4.14)	
70	GORLOV	19	m	t	e	4	4	0	55	34	8	16	3.24	(1.25-	8.37)	
70	GORLOV	20	f	t	e	4	4	0	101	92	29	45	1.70	(0.99-	2.94)	
Subtotal 70														2.00	(1.24-	3.21)
*73	WEN	16	f	t	e	7	1	9	-	-	-	-	1.03	(0.57-	1.87)	
74	YU	8	f	t	e	4	4	0	183	246	30	46	1.14	(0.69-	1.88)	
78	LOPEZC	1	c	t	e	a	1	0	35	141	1	4	0.99	(0.11-	9.16)	
80	GALLEG	1	c	t	e	a	1	0	30	90	2	48	8.00	(1.83-	34.92)	
83	YANG	9	c	t	e	a	b	0	198	173	99	135	1.56	(1.12-	2.17)	
85	TSE	65	m	t	a	4	2	0	90	353	42	183	1.11	(0.74-	1.67)	
86	LIANG	3	f	t	e	a	2	0	176	202	50	77	1.34	(0.89-	2.02)	
87	BRENNE	19	c	t	e	4	2	0	128	378	23	68	1.00	(0.60-	1.67)	
88	JIANG	8	m	t	e	4	2	0	23	10	24	37	3.55	(1.44-	8.75)	
88	JIANG	9	f	t	e	4	2	0	67	48	31	50	2.25	(1.26-	4.03)	
Subtotal 88														2.57	(1.58-	4.19)
*91	HE	1	m	t	e	4	2	0	7	271	3	168	1.45	(0.38-	5.52)	
*91	HE	3	f	t	e	4	2	0	5	340	1	131	1.93	(0.23-	16.33)	
Subtotal 91														1.57	(0.50-	4.88)
93	LIN	1	f	t	e	a	1	0	135	92	91	177	2.85	(1.98-	4.12)	
95	GELAC	1	m	t	e	4	2	0	222	220	97	99	1.03	(0.74-	1.44)	
95	GELAC	15	f	t	e	4	2	0	895	798	326	423	1.46	(1.22-	1.73)	
Subtotal 95														1.35	(1.16-	1.58)
96	MASJED	1	m	t	e	a	1	0	9	43	17	127	1.56	(0.65-	3.77)	
96	MASJED	3	f	t	e	a	1	0	29	51	26	68	1.49	(0.78-	2.83)	
Subtotal 96														1.51	(0.90-	2.54)
97	REN	1	f	t	e	a	1	0	551	684	213	299	1.13	(0.92-	1.39)	
*99	WHIOS	1	f	t	e	a	1	0	-	-	-	-	0.88	(0.52-	1.49)	
100	ILCCO	1	c	t	a	4	2	0	1817	4890	651	2167	1.24	(1.12-	1.37)	
Partial Totals									6760	1363991	2568	1462996				

*prospective study

Within each study, results are selected according to the following order of preference:

- 1) TYP : t, g, other
- 2) TOT : a, other
- 3) TIM : e, a, z, y, f, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 148
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 14-NOV-14
Both sexes
Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	8	f	t	z	a	2	0	0.11	21.84	0.26	0.5966
9	LAMW	2	f	t	e	4	2	0	0.92	9.98	4.85	0.0037
12	LEE	9	m	t	c	3	4	0	1.24	0.86	0.90	0.2484
12	LEE	10	f	t	c	3	4	0	-0.78	3.07	3.11	0.1703
Subtotal 12												
13	BROWN1	1	f	a	e	a	4	0	0.42	2.06	0.08	0.5451
16	KOO	6	f	t	e	4	2	0	0.21	10.43	0.00	0.4921
26	SVENSS	2	f	t	e	4	2	0	-0.03	4.64	0.30	0.9499
36	FONTHA	23	f	t	a	5	2	0	0.15	31.15	0.16	0.3963
38	DEWAAR	1	f	t	c	8	4	0	0.94	3.07	1.59	0.0986
41	SUN	6	f	t	a	4	2	2	0.60	21.40	3.11	0.0052
42	WANGS	1	f	t	e	4	2	0	0.93	7.83	3.90	0.0093
*44	CARDEN	13	m	t	c	a	2	0	-0.86	26.80	31.24	0.0000
*44	CARDEN	15	f	t	c	a	2	0	-0.68	50.51	41.57	0.0000
Subtotal 44												
46	AUVINE	1	m	t	e	a	2	0	0.14	8.70	0.06	0.6794
47	BOFFET	31	m	t	e	2	2	0	0.13	20.66	0.18	0.5574
47	BOFFET	33	f	t	e	2	2	0	0.15	49.93	0.25	0.2799
Subtotal 47												
48	SHEN	1	f	a	y	a	2	0	-0.29	5.07	1.35	0.5088
50	BOFFE2	38	c	a	a	2	2	0	0.03	10.29	0.38	0.9201
*53	SPEIZE	1	f	t	a	a	2	1	0.41	1.66	0.06	0.6016
55	LEECH	19	f	t	e	4	2	0	0.63	36.94	6.20	0.0001
56	MALATS	5	c	t	e	2	2	0	0.21	12.30	0.00	0.4525
58	JOHNSO	5	f	t	e	4	2	0	0.27	7.97	0.02	0.4387
59	LAGARD	7	c	t	e	b	2	0	0.32	4.73	0.05	0.4843
64	ZATLOU	3	f	g	a	4	2	0	-0.84	6.11	6.94	0.0372
*67	EPICA	1	c	t	c	4	2	7	0.05	12.48	0.38	0.8632
68	FANG	1	f	t	e	4	2	1	1.01	22.75	14.01	0.0000
70	GORLOV	19	m	t	e	4	4	0	1.17	4.25	3.85	0.0155
70	GORLOV	20	f	t	e	4	4	0	0.53	12.91	1.24	0.0556
Subtotal 70												
*73	WEN	16	f	t	e	7	1	9	0.03	10.89	0.41	0.9223
74	YU	8	f	t	e	4	4	0	0.13	15.48	0.13	0.6046
78	LOPEZC	1	c	t	e	a	1	0	-0.01	0.78	0.04	0.9950
80	GALLEG	1	c	t	e	a	1	0	2.08	1.77	6.10	0.0057
83	YANG	9	c	t	e	a	b	0	0.45	35.29	1.74	0.0082
85	TSE	65	m	t	a	4	2	0	0.11	23.14	0.32	0.6130
86	LIANG	3	f	t	e	a	2	0	0.29	22.93	0.11	0.1592
87	BRENNE	19	c	t	e	4	2	0	0.00	14.57	0.72	0.9965
88	JIANG	8	m	t	e	4	2	0	1.27	4.71	5.12	0.0060
88	JIANG	9	f	t	e	4	2	0	0.81	11.36	3.93	0.0062
Subtotal 88												
*91	HE	1	m	t	e	4	2	0	0.37	2.14	0.05	0.5889
*91	HE	3	f	t	e	4	2	0	0.66	0.84	0.16	0.5477
Subtotal 91												
93	LIN	1	f	t	e	a	1	0	1.05	28.64	19.52	0.0000
95	GELAC	1	m	t	e	4	2	0	0.03	33.94	1.27	0.8637
95	GELAC	15	f	t	e	4	2	0	0.38	128.17	2.96	0.0000
Subtotal 95												
96	MASJED	1	m	t	e	a	1	0	0.30	162.12	4.23	
96	MASJED	3	f	t	e	a	1	0	0.45	4.97	0.25	0.3188
96	MASJED	3	f	t	e	a	1	0	0.40	9.32	0.28	0.2256
Subtotal 96												
97	REN	1	f	t	e	a	1	0	0.41	14.30	0.53	
97	REN	1	f	t	e	a	1	0	0.12	88.37	0.89	0.2479
*99	WHIOS	1	f	t	e	a	1	0	-0.13	13.87	1.71	0.6341
100	ILCCO	1	c	t	a	4	2	0	0.21	363.32	0.04	0.0001

Within each study, results are selected according to the following order of preference:

- 1) TYP : t, g, other
- 2) TOT : a, other
- 3) TIM : e, a, z, y, f, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 148
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 14-NOV-14
 Both sexes
 Overall analysis - unadjusted

Relative risks

	N	48
	NS	40
	Wt	1224.90
Het	Chi	171.77
Het	df	47
Het	P	***
Fixed	RR	1.25
	RRl	1.18
	RRu	1.32
	P	+++
Random	RR	1.30
	RRl	1.14
	RRu	1.48
	P	+++
Asymm	P	N.S.

 Within each study, results are selected according to the following order of preference:

- | | |
|----------------------|----------------------------------|
| 1) TYP : t, g, other | 3) TIM : e, a, z, y, f, c, other |
| 2) TOT : a, other | |

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 149
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 14-NOV-14
Both sexes
By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
8	GARFI2	8	f	t	z	a	2	0	92	266	42	136	1.12	(0.74- 1.70)
13	BROWN1	2	f	a	e	a	4	3	-	-	-	-	1.68	(0.39- 6.90)
36	FONTHA	24	f	t	a	5	2	8	-	-	-	-	1.25	(0.86- 1.83)
*44	CARDEN	14	m	t	c	a	2	1	-	-	-	-	0.60	(0.40- 1.00)
*44	CARDEN	16	f	t	c	a	2	1	-	-	-	-	0.90	(0.70- 1.20)
Subtotal 44													0.81	(0.64- 1.02)
*53	SPEIZE	1	f	t	a	a	2	1	-	-	-	-	1.50	(0.30- 6.30)
58	JOHNSO	6	f	t	e	4	2	4	-	-	-	-	1.44	(0.70- 2.98)
70	GORLOV	11	m	t	e	4	4	4	-	-	-	-	3.19	(1.08- 9.39)
70	GORLOV	12	f	t	e	4	4	4	-	-	-	-	1.63	(0.87- 3.05)
Subtotal 70													1.93	(1.12- 3.32)
80	GALLEG	1	c	t	e	a	1	0	30	90	2	48	8.00	(1.83- 34.92)
83	YANG	2	c	t	e	a	b	3	-	-	-	-	2.00	(1.30- 3.00)
87	BRENNE	19	c	t	e	4	2	0	128	378	23	68	1.00	(0.60- 1.67)
*99	WHIOS	1	f	t	e	a	1	0	-	-	-	-	0.88	(0.52- 1.49)
Partial Totals									250	734	67	252		
*prospective study														

Europe

StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
12	LEE	9	m	t	c	3	4	0	9	70	1	27	3.47	(0.42- 28.72)
12	LEE	10	f	t	c	3	4	0	5	82	10	75	0.46	(0.15- 1.40)
Subtotal 12													0.71	(0.27- 1.91)
26	SVENSS	6	f	t	e	4	2	1	-	-	-	-	1.51	(0.44- 5.17)
38	DEWAAR	1	f	t	c	8	4	0	19	124	4	67	2.57	(0.84- 7.85)
46	AUVINE	2	m	t	e	a	2	1	-	-	-	-	0.69	(0.28- 1.74)
47	BOFFET	32	m	t	e	2	2	2	-	-	-	-	1.13	(0.68- 1.89)
47	BOFFET	34	f	t	e	2	2	2	-	-	-	-	1.15	(0.86- 1.55)
Subtotal 47													1.14	(0.89- 1.48)
50	BOFFE2	39	c	a	a	2	2	2	-	-	-	-	1.20	(0.60- 2.50)
56	MALATS	10	c	t	e	2	2	2	-	-	-	-	1.20	(0.60- 2.30)
59	LAGARD	7	c	t	e	b	2	0	77	67	10	12	1.38	(0.56- 3.39)
64	ZATLOU	6	f	g	a	4	2	3	-	-	-	-	0.48	(0.21- 1.09)
*67	EPICA	1	c	t	c	4	2	7	-	-	-	-	1.05	(0.60- 1.82)
78	LOPEZC	1	c	t	e	a	1	0	35	141	1	4	0.99	(0.11- 9.16)
Partial Totals									145	484	26	185		
*prospective study														

Asia

StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
9	LAMW	2	f	t	e	4	2	0	-	-	-	-	2.51	(1.35- 4.67)
16	KOO	10	f	t	e	4	2	4	-	-	-	-	1.78	(0.82- 3.87)
41	SUN	6	f	t	a	4	2	2	-	-	-	-	1.83	(1.20- 2.80)
42	WANGS	1	f	t	e	4	2	0	67	60	15	34	2.53	(1.26- 5.10)
48	SHEN	1	f	a	y	a	2	0	56	59	14	11	0.75	(0.31- 1.78)
55	LEECH	20	f	t	e	4	2	7	-	-	-	-	1.93	(1.30- 2.87)
68	FANG	2	f	t	e	4	2	8	-	-	-	-	1.77	(1.07- 2.92)
*73	WEN	16	f	t	e	7	1	9	-	-	-	-	1.03	(0.57- 1.87)
74	YU	1	f	t	e	4	4	20	-	-	-	-	1.35	(0.70- 2.63)
85	TSE	74	m	t	a	4	2	9	-	-	-	-	1.06	(0.67- 1.68)
86	LIANG	3	f	t	e	a	2	0	176	202	50	77	1.34	(0.89- 2.02)
88	JIANG	1	c	t	e	4	2	10	-	-	-	-	2.27	(1.23- 4.18)
*91	HE	2	m	t	e	4	2	9	-	-	-	-	1.86	(0.45- 7.73)
*91	HE	4	f	t	e	4	2	9	-	-	-	-	2.07	(0.23- 18.34)
Subtotal 91													1.92	(0.58- 6.33)
93	LIN	7	f	t	e	a	1	7	-	-	-	-	2.50	(1.66- 3.77)
95	GELAC	8	m	t	e	4	2	3	-	-	-	-	1.04	(0.73- 1.50)
95	GELAC	23	f	t	e	4	2	3	-	-	-	-	1.39	(1.17- 1.67)
Subtotal 95													1.31	(1.12- 1.54)
96	MASJED	2	m	t	e	a	1	4	-	-	-	-	1.70	(0.70- 4.30)
96	MASJED	4	f	t	e	a	1	4	-	-	-	-	1.40	(0.70- 2.90)
Subtotal 96													1.51	(0.86- 2.64)
97	REN	2	f	t	e	a	1	5	-	-	-	-	1.20	(0.99- 1.46)
Partial Totals									299	321	79	122		
*prospective study														

Within each study, results are selected according to the following order of preference:

- 1) TYP : t, g, other
- 2) TOT : a, other
- 3) TIM : e, a, z, y, f, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 149
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 14-NOV-14
 Both sexes
 By continent - adjusted

Other

StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
100	ILCCO	6	c	t	a	4	2	3	-	-	-	-	1.31	(1.17- 1.47)
Partial Totals									0	0	0	0		

*prospective study

	NAmerica	Europe	Asia	Other	Total
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Relative risks

N	13	13	20	1	47
NS	11	11	17	1	40
Wt	196.00	112.83	451.97	294.92	1055.72
Het Chi	31.04	11.35	31.23	0.00	85.44
Het df	12	12	19	0	46
Het P	**	N.S.	*	N.S.	***
Fixed RR	1.13	1.09	1.43	1.31	1.30
RRl	0.98	0.91	1.31	1.17	1.22
RRu	1.30	1.31	1.57	1.47	1.38
P	(+)	N.S.	+++	+++	+++
Random RR	1.24	1.09	1.51	1.31	1.32
RRl	0.96	0.91	1.31	1.17	1.19
RRu	1.61	1.31	1.74	1.47	1.46
P	(+)	N.S.	+++	+++	+++
Asymm P	(*)	N.S.	N.S.	N.S.	N.S.
Between Chi		0.08	7.90	2.64	11.82
Between df		1	1	1	3
Between P		N.S.	++	N.S.	**

 Within each study, results are selected according to the following order of preference:

- 1) TYP : t, g, other
- 2) TOT : a, other
- 3) TIM : e, a, z, y, f, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 150
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 14-NOV-14
Both sexes
By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
8	GARFI2	8	f	t	z	a	2	0	92	266	42	136	1.12	(0.74- 1.70)
13	BROWN1	1	f	a	e	a	4	0	4	7	15	40	1.52	(0.39- 5.96)
36	FONTHA	23	f	t	a	5	2	0	528	1115	48	118	1.16	(0.82- 1.65)
*44	CARDEN	13	m	t	c	a	2	0	42	449918	74	336614	0.42	(0.29- 0.62)
*44	CARDEN	15	f	t	c	a	2	0	71	900309	175	1119778	0.50	(0.38- 0.66)
Subtotal 44														
*53	SPEIZE	1	f	t	a	a	2	1	-	-	-	-	1.50	(0.30- 6.30)
58	JOHNSO	5	f	t	e	4	2	0	61	626	10	135	1.32	(0.66- 2.63)
70	GORLOV	19	m	t	e	4	4	0	55	34	8	16	3.24	(1.25- 8.37)
70	GORLOV	20	f	t	e	4	4	0	101	92	29	45	1.70	(0.99- 2.94)
Subtotal 70														
80	GALLEG	1	c	t	e	a	1	0	30	90	2	48	8.00	(1.83- 34.92)
83	YANG	9	c	t	e	a	b	0	198	173	99	135	1.56	(1.12- 2.17)
87	BRENNE	19	c	t	e	4	2	0	128	378	23	68	1.00	(0.60- 1.67)
*99	WHIOS	1	f	t	e	a	1	0	-	-	-	-	0.88	(0.52- 1.49)
Partial Totals									1310	1353008	525	1457133		
*prospective study														

Europe

StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
12	LEE	9	m	t	c	3	4	0	9	70	1	27	3.47	(0.42- 28.72)
12	LEE	10	f	t	c	3	4	0	5	82	10	75	0.46	(0.15- 1.40)
Subtotal 12														
26	SVENSS	2	f	t	e	4	2	0	27	139	7	35	0.97	(0.39- 2.41)
38	DEWAAR	1	f	t	c	8	4	0	19	124	4	67	2.57	(0.84- 7.85)
46	AUVINE	1	m	t	e	a	2	0	17	81	27	148	1.15	(0.59- 2.24)
47	BOFFET	31	m	t	e	2	2	0	107	390	34	141	1.14	(0.74- 1.75)
47	BOFFET	33	f	t	e	2	2	0	420	811	88	198	1.17	(0.88- 1.54)
Subtotal 47														
50	BOFFE2	38	c	a	a	2	2	0	50	126	20	52	1.03	(0.56- 1.90)
56	MALATS	5	c	t	e	2	2	0	90	84	32	37	1.24	(0.71- 2.17)
59	LAGARD	7	c	t	e	b	2	0	77	67	10	12	1.38	(0.56- 3.39)
64	ZATLOU	3	f	g	a	4	2	0	7	155	77	734	0.43	(0.19- 0.95)
*67	EPICA	1	c	t	c	4	2	7	-	-	-	-	1.05	(0.60- 1.82)
78	LOPEZC	1	c	t	e	a	1	0	35	141	1	4	0.99	(0.11- 9.16)
Partial Totals									863	2270	311	1530		
*prospective study														

Asia

StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
9	LAMW	2	f	t	e	4	2	0	-	-	-	-	2.51	(1.35- 4.67)
16	KOO	6	f	t	e	4	2	0	66	97	22	40	1.24	(0.67- 2.27)
41	SUN	6	f	t	a	4	2	2	-	-	-	-	1.83	(1.20- 2.80)
42	WANGS	1	f	t	e	4	2	0	67	60	15	34	2.53	(1.26- 5.10)
48	SHEN	1	f	a	y	a	2	0	56	59	14	11	0.75	(0.31- 1.78)
55	LEECH	19	f	t	e	4	2	0	189	249	79	196	1.88	(1.36- 2.60)
68	FANG	1	f	t	e	4	2	1	-	-	-	-	2.74	(1.82- 4.14)
*73	WEN	16	f	t	e	7	1	9	-	-	-	-	1.03	(0.57- 1.87)
74	YU	8	f	t	e	4	4	0	183	246	30	46	1.14	(0.69- 1.88)
85	TSE	65	m	t	a	4	2	0	90	353	42	183	1.11	(0.74- 1.67)
86	LIANG	3	f	t	e	a	2	0	176	202	50	77	1.34	(0.89- 2.02)
88	JIANG	8	m	t	e	4	2	0	23	10	24	37	3.55	(1.44- 8.75)
88	JIANG	9	f	t	e	4	2	0	67	48	31	50	2.25	(1.26- 4.03)
Subtotal 88														
*91	HE	1	m	t	e	4	2	0	7	271	3	168	1.45	(0.38- 5.52)
*91	HE	3	f	t	e	4	2	0	5	340	1	131	1.93	(0.23- 16.33)
Subtotal 91														
93	LIN	1	f	t	e	a	1	0	135	92	91	177	2.85	(1.98- 4.12)
95	GELAC	1	m	t	e	4	2	0	222	220	97	99	1.03	(0.74- 1.44)
95	GELAC	15	f	t	e	4	2	0	895	798	326	423	1.46	(1.22- 1.73)
Subtotal 95														
96	MASJED	1	m	t	e	a	1	0	9	43	17	127	1.56	(0.65- 3.77)
96	MASJED	3	f	t	e	a	1	0	29	51	26	68	1.49	(0.78- 2.83)
Subtotal 96														
97	REN	1	f	t	e	a	1	0	551	684	213	299	1.13	(0.92- 1.39)

Within each study, results are selected according to the following order of preference:

- 1) TYP : t, g, other
- 2) TOT : a, other
- 3) TIM : e, a, z, y, f, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table 150
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 14-NOV-14
 Both sexes
 By continent - unadjusted

Asia										Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Case	Cont	Case	Cont			
Partial Totals										2770	3823	1081	2166		
*prospective study															
Other										Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Case	Cont	Case	Cont			
100	ILCCO	1	c	t	a	4	2	0	1817	4890	651	2167	1.24 (1.12- 1.37)		
Totals										1817	4890	651	2167		
*prospective study															
			NAmerica	Europe	Asia	Other	Total								
Relative risks															
			N	13	13	21	1	48							
			NS	11	11	17	1	40							
			Wt	224.65	137.62	499.32	363.32	1224.90							
			Het Chi	68.63	11.86	52.98	0.00	171.77							
			Het df	12	12	20	0	47							
			Het P	***	N.S.	***	N.S.	***							
Fixed			RR	0.93	1.10	1.49	1.24	1.25							
			RRl	0.81	0.93	1.37	1.12	1.18							
			RRu	1.06	1.30	1.63	1.37	1.32							
			P	N.S.	N.S.	+++	+++	+++							
Random			RR	1.16	1.10	1.58	1.24	1.30							
			RRl	0.82	0.93	1.34	1.12	1.14							
			RRu	1.65	1.30	1.87	1.37	1.48							
			P	N.S.	N.S.	+++	+++	+++							
Asymm			P	(*)	N.S.	N.S.	N.S.	N.S.							
Between			Chi		2.45	35.30	11.56	38.31							
Between			df		1	1	1	3							
Between			P		N.S.	+++	+++	***							

 Within each study, results are selected according to the following order of preference:

- 1) TYP : t, g, other
- 2) TOT : a, other
- 3) TIM : e, a, z, y, f, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 147
 ETS and Lung Cancer - Meta-Analysis of Total Exposure, 14-NOV-14
 Alternative EPIC Adulthood results (from nested CC) - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI		
									Case	Cont	Case	Cont				
8	GARFI2	8	f	t	z	a	2	0	92	266	42	136	1.12	(0.74-	1.70)	
9	LAMW	2	f	t	e	4	2	0	-	-	-	-	2.51	(1.35-	4.67)	
12	LEE	9	m	t	c	3	4	0	9	70	1	27	3.47	(0.42-	28.72)	
12	LEE	10	f	t	c	3	4	0	5	82	10	75	0.46	(0.15-	1.40)	
Subtotal 12														0.71	(0.27-	1.91)
13	BROWN1	2	f	a	e	a	4	3	-	-	-	-	1.68	(0.39-	6.90)	
16	KOO	10	f	t	e	4	2	4	-	-	-	-	1.78	(0.82-	3.87)	
26	SVENSS	6	f	t	e	4	2	1	-	-	-	-	1.51	(0.44-	5.17)	
36	FONTHA	24	f	t	a	5	2	8	-	-	-	-	1.25	(0.86-	1.83)	
38	DEWAAR	1	f	t	c	8	4	0	19	124	4	67	2.57	(0.84-	7.85)	
41	SUN	6	f	t	a	4	2	2	-	-	-	-	1.83	(1.20-	2.80)	
42	WANGS	1	f	t	e	4	2	0	67	60	15	34	2.53	(1.26-	5.10)	
*44	CARDEN	14	m	t	c	a	2	1	-	-	-	-	0.60	(0.40-	1.00)	
*44	CARDEN	16	f	t	c	a	2	1	-	-	-	-	0.90	(0.70-	1.20)	
Subtotal 44														0.81	(0.64-	1.02)
46	AUVINE	2	m	t	e	a	2	1	-	-	-	-	0.69	(0.28-	1.74)	
47	BOFFET	32	m	t	e	2	2	2	-	-	-	-	1.13	(0.68-	1.89)	
47	BOFFET	34	f	t	e	2	2	2	-	-	-	-	1.15	(0.86-	1.55)	
Subtotal 47														1.14	(0.89-	1.48)
48	SHEN	1	f	a	y	a	2	0	56	59	14	11	0.75	(0.31-	1.78)	
50	BOFFE2	39	c	a	a	2	2	2	-	-	-	-	1.20	(0.60-	2.50)	
*53	SPEIZE	1	f	t	a	a	2	1	-	-	-	-	1.50	(0.30-	6.30)	
55	LEECH	20	f	t	e	4	2	7	-	-	-	-	1.93	(1.30-	2.87)	
56	MALATS	10	c	t	e	2	2	2	-	-	-	-	1.20	(0.60-	2.30)	
58	JOHNSO	6	f	t	e	4	2	4	-	-	-	-	1.44	(0.70-	2.98)	
59	LAGARD	7	c	t	e	b	2	0	77	67	10	12	1.38	(0.56-	3.39)	
64	ZATLOU	6	f	g	a	4	2	3	-	-	-	-	0.48	(0.21-	1.09)	
*67	EPICA	2	c	t	c	4	2	7	-	-	-	-	1.42	(0.63-	3.20)	
68	FANG	2	f	t	e	4	2	8	-	-	-	-	1.77	(1.07-	2.92)	
70	GORLOV	11	m	t	e	4	4	4	-	-	-	-	3.19	(1.08-	9.39)	
70	GORLOV	12	f	t	e	4	4	4	-	-	-	-	1.63	(0.87-	3.05)	
Subtotal 70														1.93	(1.12-	3.32)
*73	WEN	16	f	t	e	7	1	9	-	-	-	-	1.03	(0.57-	1.87)	
74	YU	1	f	t	e	4	4	20	-	-	-	-	1.35	(0.70-	2.63)	
78	LOPEZC	1	c	t	e	a	1	0	35	141	1	4	0.99	(0.11-	9.16)	
80	GALLEG	1	c	t	e	a	1	0	30	90	2	48	8.00	(1.83-	34.92)	
83	YANG	2	c	t	e	a	b	3	-	-	-	-	2.00	(1.30-	3.00)	
85	TSE	74	m	t	a	4	2	9	-	-	-	-	1.06	(0.67-	1.68)	
86	LIANG	3	f	t	e	a	2	0	176	202	50	77	1.34	(0.89-	2.02)	
87	BRENNE	19	c	t	e	4	2	0	128	378	23	68	1.00	(0.60-	1.67)	
88	JIANG	1	c	t	e	4	2	10	-	-	-	-	2.27	(1.23-	4.18)	
*91	HE	2	m	t	e	4	2	9	-	-	-	-	1.86	(0.45-	7.73)	
*91	HE	4	f	t	e	4	2	9	-	-	-	-	2.07	(0.23-	18.34)	
Subtotal 91														1.92	(0.58-	6.33)
93	LIN	7	f	t	e	a	1	7	-	-	-	-	2.50	(1.66-	3.77)	
95	GELAC	8	m	t	e	4	2	3	-	-	-	-	1.04	(0.73-	1.50)	
95	GELAC	23	f	t	e	4	2	3	-	-	-	-	1.39	(1.17-	1.67)	
Subtotal 95														1.31	(1.12-	1.54)
96	MASJED	2	m	t	e	a	1	4	-	-	-	-	1.70	(0.70-	4.30)	
96	MASJED	4	f	t	e	a	1	4	-	-	-	-	1.40	(0.70-	2.90)	
Subtotal 96														1.51	(0.86-	2.64)
97	REN	2	f	t	e	a	1	5	-	-	-	-	1.20	(0.99-	1.46)	
*99	WHIOS	1	f	t	e	a	1	0	-	-	-	-	0.88	(0.52-	1.49)	
100	ILCCO	6	c	t	a	4	2	3	-	-	-	-	1.31	(1.17-	1.47)	
Partial Totals									694	1539	172	559				
*prospective study																

 Within each study, results are selected according to the following order of preference:

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- 3) TIM : e, a, z, y, f, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 147
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 14-NOV-14
 Alternative EPIC Adulthood results (from nested CC) - both sexes
 Overall analysis - adjusted

Overall

StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	8	f	t	z	a	2	0	0.11	21.84	0.50	0.5966
9	LAMW	2	f	t	e	4	2	0	0.92	9.98	4.29	0.0037
12	LEE	9	m	t	c	3	4	0	1.24	0.86	0.83	0.2484
12	LEE	10	f	t	c	3	4	0	-0.78	3.07	3.37	0.1703
Subtotal 12									-0.34	3.93	4.19	
13	BROWN1	2	f	a	e	a	4	3	0.52	1.86	0.12	0.4791
16	KOO	10	f	t	e	4	2	4	0.58	6.38	0.62	0.1452
26	SVENSS	6	f	t	e	4	2	1	0.41	2.53	0.06	0.5120
36	FONTHA	24	f	t	a	5	2	8	0.22	26.95	0.05	0.2467
38	DEWAAR	1	f	t	c	8	4	0	0.94	3.07	1.41	0.0986
41	SUN	6	f	t	a	4	2	2	0.60	21.40	2.47	0.0052
42	WANGS	1	f	t	e	4	2	0	0.93	7.83	3.46	0.0093
*44	CARDEN	14	m	t	c	a	2	1	-0.51	18.30	11.00	0.0289
*44	CARDEN	16	f	t	c	a	2	1	-0.11	52.89	7.23	0.4435
Subtotal 44									-0.21	71.19	18.23	
46	AUVINE	2	m	t	e	a	2	1	-0.37	4.60	1.86	0.4259
47	BOFFET	32	m	t	e	2	2	2	0.12	14.70	0.30	0.6393
47	BOFFET	34	f	t	e	2	2	2	0.14	44.28	0.69	0.3524
Subtotal 47									0.14	58.98	0.98	
48	SHEN	1	f	a	y	a	2	0	-0.29	5.07	1.58	0.5088
50	BOFFE2	39	c	a	a	2	2	2	0.18	7.54	0.05	0.6165
*53	SPEIZE	1	f	t	a	a	2	1	0.41	1.66	0.03	0.6016
55	LEECH	20	f	t	e	4	2	7	0.66	24.50	3.79	0.0011
56	MALATS	10	c	t	e	2	2	2	0.18	8.51	0.06	0.5948
58	JOHNSO	6	f	t	e	4	2	4	0.36	7.32	0.07	0.3238
59	LAGARD	7	c	t	e	b	2	0	0.32	4.73	0.02	0.4843
64	ZATLOU	6	f	g	a	4	2	3	-0.73	5.67	5.65	0.0806
*67	EPICA	2	c	t	c	4	2	7	0.35	5.82	0.04	0.3977
68	FANG	2	f	t	e	4	2	8	0.57	15.25	1.43	0.0258
70	GORLOV	11	m	t	e	4	4	4	1.16	3.29	2.63	0.0356
70	GORLOV	12	f	t	e	4	4	4	0.49	9.72	0.48	0.1302
Subtotal 70									0.66	13.00	3.11	
*73	WEN	16	f	t	e	7	1	9	0.03	10.89	0.60	0.9223
74	YU	1	f	t	e	4	4	20	0.30	8.70	0.01	0.3760
78	LOPEZC	1	c	t	e	a	1	0	-0.01	0.78	0.06	0.9950
80	GALLEG	1	c	t	e	a	1	0	2.08	1.77	5.83	0.0057
83	YANG	2	c	t	e	a	b	3	0.69	21.97	4.04	0.0012
85	TSE	74	m	t	a	4	2	9	0.06	18.18	0.77	0.8038
86	LIANG	3	f	t	e	a	2	0	0.29	22.93	0.02	0.1592
87	BRENNE	19	c	t	e	4	2	0	0.00	14.57	1.01	0.9965
88	JIANG	1	c	t	e	4	2	10	0.82	10.29	3.16	0.0086
*91	HE	2	m	t	e	4	2	9	0.62	1.90	0.24	0.3923
*91	HE	4	f	t	e	4	2	9	0.73	0.80	0.17	0.5148
Subtotal 91									0.65	2.70	0.41	
93	LIN	7	f	t	e	a	1	7	0.92	22.79	9.72	0.0000
95	GELAC	8	m	t	e	4	2	3	0.04	29.63	1.50	0.8310
95	GELAC	23	f	t	e	4	2	3	0.33	121.37	0.51	0.0003
Subtotal 95									0.27	150.99	2.01	
96	MASJED	2	m	t	e	a	1	4	0.53	4.66	0.33	0.2519
96	MASJED	4	f	t	e	a	1	4	0.34	7.61	0.04	0.3534
Subtotal 96									0.41	12.27	0.37	
97	REN	2	f	t	e	a	1	5	0.18	101.81	0.69	0.0658
*99	WHIOS	1	f	t	e	a	1	0	-0.13	13.87	2.13	0.6341
100	ILCCO	6	c	t	a	4	2	3	0.27	294.92	0.01	0.0000

 Within each study, results are selected according to the following order of preference:

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- 2) TOT : a, other
- 3) TIM : e, a, z, y, f, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 147
 ETS and Lung Cancer - Meta-Analysis of Total Exposure, 14-NOV-14
 Alternative EPIC Adulthood results (from nested CC) - both sexes
 Overall analysis - adjusted

Relative risks

	N	47
	NS	40
	Wt	1049.06
Het	Chi	84.91
Het	df	46
Het	P	***
Fixed	RR	1.30
	RRl	1.23
	RRu	1.38
	P	+++
Random	RR	1.33
	RRl	1.20
	RRu	1.47
	P	+++
Asymm	P	N.S.

 Within each study, results are selected according to the following order of preference:

- | | |
|----------------------|----------------------------------|
| 1) TYP : t, g, other | 3) TIM : e, a, z, y, f, c, other |
| 2) TOT : a, other | |

See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 148
 ETS and Lung Cancer - Meta-Analysis of Total Exposure, 14-NOV-14
 Alternative EPIC Adulthood results (from nested CC) - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
8	GARFI2	8	f	t	z	a	2	0	92	266	42	136	1.12	(0.74-	1.70)
9	LAMW	2	f	t	e	4	2	0	-	-	-	-	2.51	(1.35-	4.67)
12	LEE	9	m	t	c	3	4	0	9	70	1	27	3.47	(0.42-	28.72)
12	LEE	10	f	t	c	3	4	0	5	82	10	75	0.46	(0.15-	1.40)
Subtotal 12															
13	BROWN1	1	f	a	e	a	4	0	4	7	15	40	1.52	(0.39-	5.96)
16	KOO	6	f	t	e	4	2	0	66	97	22	40	1.24	(0.67-	2.27)
26	SVENSS	2	f	t	e	4	2	0	27	139	7	35	0.97	(0.39-	2.41)
36	FONTHA	23	f	t	a	5	2	0	528	1115	48	118	1.16	(0.82-	1.65)
38	DEWAAR	1	f	t	c	8	4	0	19	124	4	67	2.57	(0.84-	7.85)
41	SUN	6	f	t	a	4	2	2	-	-	-	-	1.83	(1.20-	2.80)
42	WANGS	1	f	t	e	4	2	0	67	60	15	34	2.53	(1.26-	5.10)
*44	CARDEN	13	m	t	c	a	2	0	42	449918	74	336614	0.42	(0.29-	0.62)
*44	CARDEN	15	f	t	c	a	2	0	71	900309	175	1119778	0.50	(0.38-	0.66)
Subtotal 44															
46	AUVINE	1	m	t	e	a	2	0	17	81	27	148	1.15	(0.59-	2.24)
47	BOFFET	31	m	t	e	2	2	0	107	390	34	141	1.14	(0.74-	1.75)
47	BOFFET	33	f	t	e	2	2	0	420	811	88	198	1.17	(0.88-	1.54)
Subtotal 47															
48	SHEN	1	f	a	y	a	2	0	56	59	14	11	0.75	(0.31-	1.78)
50	BOFFE2	38	c	a	a	2	2	0	50	126	20	52	1.03	(0.56-	1.90)
*53	SPEIZE	1	f	t	a	a	2	1	-	-	-	-	1.50	(0.30-	6.30)
55	LEECH	19	f	t	e	4	2	0	189	249	79	196	1.88	(1.36-	2.60)
56	MALATS	5	c	t	e	2	2	0	90	84	32	37	1.24	(0.71-	2.17)
58	JOHNSO	5	f	t	e	4	2	0	61	626	10	135	1.32	(0.66-	2.63)
59	LAGARD	7	c	t	e	b	2	0	77	67	10	12	1.38	(0.56-	3.39)
64	ZATLOU	3	f	g	a	4	2	0	7	155	77	734	0.43	(0.19-	0.95)
*67	EPICA	2	c	t	c	4	2	7	-	-	-	-	1.42	(0.63-	3.20)
68	FANG	1	f	t	e	4	2	1	-	-	-	-	2.74	(1.82-	4.14)
70	GORLOV	19	m	t	e	4	4	0	55	34	8	16	3.24	(1.25-	8.37)
70	GORLOV	20	f	t	e	4	4	0	101	92	29	45	1.70	(0.99-	2.94)
Subtotal 70															
*73	WEN	16	f	t	e	7	1	9	-	-	-	-	1.03	(0.57-	1.87)
74	YU	8	f	t	e	4	4	0	183	246	30	46	1.14	(0.69-	1.88)
78	LOPEZC	1	c	t	e	a	1	0	35	141	1	4	0.99	(0.11-	9.16)
80	GALLEG	1	c	t	e	a	1	0	30	90	2	48	8.00	(1.83-	34.92)
83	YANG	9	c	t	e	a	b	0	198	173	99	135	1.56	(1.12-	2.17)
85	TSE	65	m	t	a	4	2	0	90	353	42	183	1.11	(0.74-	1.67)
86	LIANG	3	f	t	e	a	2	0	176	202	50	77	1.34	(0.89-	2.02)
87	BRENNE	19	c	t	e	4	2	0	128	378	23	68	1.00	(0.60-	1.67)
88	JIANG	8	m	t	e	4	2	0	23	10	24	37	3.55	(1.44-	8.75)
88	JIANG	9	f	t	e	4	2	0	67	48	31	50	2.25	(1.26-	4.03)
Subtotal 88															
*91	HE	1	m	t	e	4	2	0	7	271	3	168	1.45	(0.38-	5.52)
*91	HE	3	f	t	e	4	2	0	5	340	1	131	1.93	(0.23-	16.33)
Subtotal 91															
93	LIN	1	f	t	e	a	1	0	135	92	91	177	2.85	(1.98-	4.12)
95	GELAC	1	m	t	e	4	2	0	222	220	97	99	1.03	(0.74-	1.44)
95	GELAC	15	f	t	e	4	2	0	895	798	326	423	1.46	(1.22-	1.73)
Subtotal 95															
96	MASJED	1	m	t	e	a	1	0	9	43	17	127	1.56	(0.65-	3.77)
96	MASJED	3	f	t	e	a	1	0	29	51	26	68	1.49	(0.78-	2.83)
Subtotal 96															
97	REN	1	f	t	e	a	1	0	551	684	213	299	1.13	(0.92-	1.39)
*99	WHIOS	1	f	t	e	a	1	0	-	-	-	-	0.88	(0.52-	1.49)
100	ILCCO	1	c	t	a	4	2	0	1817	4890	651	2167	1.24	(1.12-	1.37)
Partial Totals									6760	1363991	2568	1462996			
*prospective study															

 Within each study, results are selected according to the following order of preference:

- 1) TYP : t, g, other
- 2) TOT : a, other
- 3) TIM : e, a, z, y, f, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 148
 ETS and Lung Cancer - Meta-Analysis of Total Exposure, 14-NOV-14
 Alternative EPIC Adulthood results (from nested CC) - both sexes
 Overall analysis - unadjusted

Overall

StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Ys	Ws	Qs	Ps
8	GARFI2	8	f	t	z	a	2	0	0.11	21.84	0.28	0.5966
9	LAMW	2	f	t	e	4	2	0	0.92	9.98	4.81	0.0037
12	LEE	9	m	t	c	3	4	0	1.24	0.86	0.89	0.2484
12	LEE	10	f	t	c	3	4	0	-0.78	3.07	3.12	0.1703
Subtotal 12												
13	BROWN1	1	f	a	e	a	4	0	-0.34	3.93	4.01	
16	KOO	6	f	t	e	4	2	0	0.42	2.06	0.08	0.5451
26	SVENSS	2	f	t	e	4	2	0	0.21	10.43	0.00	0.4921
36	FONTHA	23	f	t	a	5	2	0	-0.03	4.64	0.30	0.9499
38	DEWAAR	1	f	t	c	8	4	0	0.15	31.15	0.17	0.3963
41	SUN	6	f	t	a	4	2	2	0.94	3.07	1.58	0.0986
42	WANGS	1	f	t	e	4	2	0	0.60	21.40	3.07	0.0052
*44	CARDEN	13	m	t	c	a	2	0	0.93	7.83	3.87	0.0093
*44	CARDEN	15	f	t	c	a	2	0	-0.86	26.80	31.38	0.0000
Subtotal 44												
46	AUVINE	1	m	t	e	a	2	0	-0.68	50.51	41.79	0.0000
47	BOFFET	31	m	t	e	2	2	0	-0.74	77.31	73.17	
47	BOFFET	33	f	t	e	2	2	0	0.14	8.70	0.06	0.6794
Subtotal 47												
48	SHEN	1	f	a	y	a	2	0	0.13	20.66	0.19	0.5574
50	BOFFE2	38	c	a	a	2	2	0	0.15	49.93	0.26	0.2799
*53	SPEIZE	1	f	t	a	a	2	1	0.15	70.58	0.46	
55	LEECH	19	f	t	e	4	2	0	-0.29	5.07	1.37	0.5088
56	MALATS	5	c	t	e	2	2	0	0.03	10.29	0.39	0.9201
58	JOHNSO	5	f	t	e	4	2	0	0.41	1.66	0.05	0.6016
59	LAGARD	7	c	t	e	b	2	0	0.63	36.94	6.13	0.0001
64	ZATLOU	3	f	g	a	4	2	0	0.21	12.30	0.00	0.4525
*67	EPICA	2	c	t	c	4	2	7	0.27	7.97	0.02	0.4387
68	FANG	1	f	t	e	4	2	1	0.32	4.73	0.04	0.4843
70	GORLOV	19	m	t	e	4	4	0	-0.84	6.11	6.98	0.0372
70	GORLOV	20	f	t	e	4	4	0	0.35	5.82	0.09	0.3977
Subtotal 70												
*73	WEN	16	f	t	e	7	1	9	1.01	22.75	13.92	0.0000
74	YU	8	f	t	e	4	4	0	1.17	4.25	3.83	0.0155
78	LOPEZC	1	c	t	e	a	1	0	0.53	12.91	1.22	0.0556
80	GALLEG	1	c	t	e	a	1	0	0.69	17.16	5.04	
83	YANG	9	c	t	e	a	b	0	0.03	10.89	0.42	0.9223
85	TSE	65	m	t	a	4	2	0	0.13	15.48	0.14	0.6046
86	LIANG	3	f	t	e	a	2	0	-0.01	0.78	0.04	0.9950
87	BRENNE	19	c	t	e	4	2	0	2.08	1.77	6.08	0.0057
88	JIANG	8	m	t	e	4	2	0	0.45	35.29	1.70	0.0082
88	JIANG	9	f	t	e	4	2	0	0.11	23.14	0.34	0.6130
Subtotal 88												
*91	HE	1	m	t	e	4	2	0	0.29	22.93	0.11	0.1592
*91	HE	3	f	t	e	4	2	0	0.00	14.57	0.73	0.9965
Subtotal 91												
93	LIN	1	f	t	e	a	1	0	1.27	4.71	5.10	0.0060
95	GELAC	1	m	t	e	4	2	0	0.81	11.36	3.90	0.0062
95	GELAC	15	f	t	e	4	2	0	0.94	16.07	9.00	
Subtotal 95												
96	MASJED	1	m	t	e	a	1	0	0.37	2.14	0.04	0.5889
96	MASJED	3	f	t	e	a	1	0	0.66	0.84	0.16	0.5477
Subtotal 96												
97	REN	1	f	t	e	a	1	0	0.45	2.98	0.20	
*99	WHIOS	1	f	t	e	a	1	0	1.05	28.64	19.41	0.0000
100	ILCCO	1	c	t	a	4	2	0	0.03	33.94	1.31	0.8637
									0.38	128.17	2.87	0.0000
									0.30	162.12	4.17	
									0.45	4.97	0.24	0.3188
									0.40	9.32	0.27	0.2256
									0.41	14.30	0.52	
									0.12	88.37	0.93	0.2479
									-0.13	13.87	1.73	0.6341
									0.21	363.32	0.06	0.0001

 Within each study, results are selected according to the following order of preference:

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- 2) TOT : a, other
- 3) TIM : e, a, z, y, f, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 148
 ETS and Lung Cancer - Meta-Analysis of Total Exposure, 14-NOV-14
 Alternative EPIC Adulthood results (from nested CC) - both sexes
 Overall analysis - unadjusted

Relative risks

	N	48
	NS	40
	Wt	1218.24
Het	Chi	171.48
Het	df	47
Het	P	***
Fixed	RR	1.25
	RRl	1.18
	RRu	1.33
	P	+++
Random	RR	1.31
	RRl	1.15
	RRu	1.49
	P	+++
Asymm	P	N.S.

 Within each study, results are selected according to the following order of preference:

- | | |
|----------------------|----------------------------------|
| 1) TYP : t, g, other | 3) TIM : e, a, z, y, f, c, other |
| 2) TOT : a, other | |

See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 149
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 14-NOV-14
Alternative EPIC Adulthood results (from nested CC) - both sexes
By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
8	GARFI2	8	f	t	z	a	2	0	92	266	42	136	1.12 (0.74- 1.70)	
13	BROWN1	2	f	a	e	a	4	3	-	-	-	-	1.68 (0.39- 6.90)	
36	FONTHA	24	f	t	a	5	2	8	-	-	-	-	1.25 (0.86- 1.83)	
*44	CARDEN	14	m	t	c	a	2	1	-	-	-	-	0.60 (0.40- 1.00)	
*44	CARDEN	16	f	t	c	a	2	1	-	-	-	-	0.90 (0.70- 1.20)	
Subtotal 44														
*53	SPEIZE	1	f	t	a	a	2	1	-	-	-	-	1.50 (0.30- 6.30)	
58	JOHNSO	6	f	t	e	4	2	4	-	-	-	-	1.44 (0.70- 2.98)	
70	GORLOV	11	m	t	e	4	4	4	-	-	-	-	3.19 (1.08- 9.39)	
70	GORLOV	12	f	t	e	4	4	4	-	-	-	-	1.63 (0.87- 3.05)	
Subtotal 70														
80	GALLEG	1	c	t	e	a	1	0	30	90	2	48	8.00 (1.83- 34.92)	
83	YANG	2	c	t	e	a	b	3	-	-	-	-	2.00 (1.30- 3.00)	
87	BRENNE	19	c	t	e	4	2	0	128	378	23	68	1.00 (0.60- 1.67)	
*99	WHIOS	1	f	t	e	a	1	0	-	-	-	-	0.88 (0.52- 1.49)	
Partial Totals									250	734	67	252		
*prospective study														

Europe

StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
12	LEE	9	m	t	c	3	4	0	9	70	1	27	3.47 (0.42- 28.72)	
12	LEE	10	f	t	c	3	4	0	5	82	10	75	0.46 (0.15- 1.40)	
Subtotal 12														
26	SVENSS	6	f	t	e	4	2	1	-	-	-	-	1.51 (0.44- 5.17)	
38	DEWAAR	1	f	t	c	8	4	0	19	124	4	67	2.57 (0.84- 7.85)	
46	AUVINE	2	m	t	e	a	2	1	-	-	-	-	0.69 (0.28- 1.74)	
47	BOFFET	32	m	t	e	2	2	2	-	-	-	-	1.13 (0.68- 1.89)	
47	BOFFET	34	f	t	e	2	2	2	-	-	-	-	1.15 (0.86- 1.55)	
Subtotal 47														
50	BOFFE2	39	c	a	a	2	2	2	-	-	-	-	1.20 (0.60- 2.50)	
56	MALATS	10	c	t	e	2	2	2	-	-	-	-	1.20 (0.60- 2.30)	
59	LAGARD	7	c	t	e	b	2	0	77	67	10	12	1.38 (0.56- 3.39)	
64	ZATLOU	6	f	g	a	4	2	3	-	-	-	-	0.48 (0.21- 1.09)	
*67	EPICA	2	c	t	c	4	2	7	-	-	-	-	1.42 (0.63- 3.20)	
78	LOPEZC	1	c	t	e	a	1	0	35	141	1	4	0.99 (0.11- 9.16)	
Partial Totals									145	484	26	185		
*prospective study														

Asia

StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
9	LAMW	2	f	t	e	4	2	0	-	-	-	-	2.51 (1.35- 4.67)	
16	KOO	10	f	t	e	4	2	4	-	-	-	-	1.78 (0.82- 3.87)	
41	SUN	6	f	t	a	4	2	2	-	-	-	-	1.83 (1.20- 2.80)	
42	WANGS	1	f	t	e	4	2	0	67	60	15	34	2.53 (1.26- 5.10)	
48	SHEN	1	f	a	y	a	2	0	56	59	14	11	0.75 (0.31- 1.78)	
55	LEECH	20	f	t	e	4	2	7	-	-	-	-	1.93 (1.30- 2.87)	
68	FANG	2	f	t	e	4	2	8	-	-	-	-	1.77 (1.07- 2.92)	
*73	WEN	16	f	t	e	7	1	9	-	-	-	-	1.03 (0.57- 1.87)	
74	YU	1	f	t	e	4	4	20	-	-	-	-	1.35 (0.70- 2.63)	
85	TSE	74	m	t	a	4	2	9	-	-	-	-	1.06 (0.67- 1.68)	
86	LIANG	3	f	t	e	a	2	0	176	202	50	77	1.34 (0.89- 2.02)	
88	JIANG	1	c	t	e	4	2	10	-	-	-	-	2.27 (1.23- 4.18)	
*91	HE	2	m	t	e	4	2	9	-	-	-	-	1.86 (0.45- 7.73)	
*91	HE	4	f	t	e	4	2	9	-	-	-	-	2.07 (0.23- 18.34)	
Subtotal 91														
93	LIN	7	f	t	e	a	1	7	-	-	-	-	2.50 (1.66- 3.77)	
95	GELAC	8	m	t	e	4	2	3	-	-	-	-	1.04 (0.73- 1.50)	
95	GELAC	23	f	t	e	4	2	3	-	-	-	-	1.39 (1.17- 1.67)	
Subtotal 95														
96	MASJED	2	m	t	e	a	1	4	-	-	-	-	1.70 (0.70- 4.30)	
96	MASJED	4	f	t	e	a	1	4	-	-	-	-	1.40 (0.70- 2.90)	
Subtotal 96														
97	REN	2	f	t	e	a	1	5	-	-	-	-	1.51 (0.86- 2.64)	
Partial Totals									299	321	79	122		
*prospective study														

Within each study, results are selected according to the following order of preference:

- 1) TYP : t, g, other
- 2) TOT : a, other
- 3) TIM : e, a, z, y, f, c, other

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Table A 150
 ETS and Lung Cancer - Meta-Analysis of Total Exposure, 14-NOV-14
 Alternative EPIC Adulthood results (from nested CC) - both sexes
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
8	GARFI2	8	f	t	z	a	2	0	92	266	42	136	1.12	(0.74- 1.70)
13	BROWN1	1	f	a	e	a	4	0	4	7	15	40	1.52	(0.39- 5.96)
36	FONTHA	23	f	t	a	5	2	0	528	1115	48	118	1.16	(0.82- 1.65)
*44	CARDEN	13	m	t	c	a	2	0	42	449918	74	336614	0.42	(0.29- 0.62)
*44	CARDEN	15	f	t	c	a	2	0	71	900309	175	1119778	0.50	(0.38- 0.66)
Subtotal 44													0.48	(0.38- 0.59)
*53	SPEIZE	1	f	t	a	a	2	1	-	-	-	-	1.50	(0.30- 6.30)
58	JOHNSO	5	f	t	e	4	2	0	61	626	10	135	1.32	(0.66- 2.63)
70	GORLOV	19	m	t	e	4	4	0	55	34	8	16	3.24	(1.25- 8.37)
70	GORLOV	20	f	t	e	4	4	0	101	92	29	45	1.70	(0.99- 2.94)
Subtotal 70													2.00	(1.24- 3.21)
80	GALLEG	1	c	t	e	a	1	0	30	90	2	48	8.00	(1.83- 34.92)
83	YANG	9	c	t	e	a	b	0	198	173	99	135	1.56	(1.12- 2.17)
87	BRENNE	19	c	t	e	4	2	0	128	378	23	68	1.00	(0.60- 1.67)
*99	WHIOS	1	f	t	e	a	1	0	-	-	-	-	0.88	(0.52- 1.49)
Partial Totals									1310	1353008	525	1457133		
*prospective study														

Europe

StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
12	LEE	9	m	t	c	3	4	0	9	70	1	27	3.47	(0.42- 28.72)
12	LEE	10	f	t	c	3	4	0	5	82	10	75	0.46	(0.15- 1.40)
Subtotal 12													0.71	(0.27- 1.91)
26	SVENSS	2	f	t	e	4	2	0	27	139	7	35	0.97	(0.39- 2.41)
38	DEWAAR	1	f	t	c	8	4	0	19	124	4	67	2.57	(0.84- 7.85)
46	AUVINE	1	m	t	e	a	2	0	17	81	27	148	1.15	(0.59- 2.24)
47	BOFFET	31	m	t	e	2	2	0	107	390	34	141	1.14	(0.74- 1.75)
47	BOFFET	33	f	t	e	2	2	0	420	811	88	198	1.17	(0.88- 1.54)
Subtotal 47													1.16	(0.92- 1.46)
50	BOFFE2	38	c	a	a	2	2	0	50	126	20	52	1.03	(0.56- 1.90)
56	MALATS	5	c	t	e	2	2	0	90	84	32	37	1.24	(0.71- 2.17)
59	LAGARD	7	c	t	e	b	2	0	77	67	10	12	1.38	(0.56- 3.39)
64	ZATLOU	3	f	g	a	4	2	0	7	155	77	734	0.43	(0.19- 0.95)
*67	EPICA	2	c	t	c	4	2	7	-	-	-	-	1.42	(0.63- 3.20)
78	LOPEZC	1	c	t	e	a	1	0	35	141	1	4	0.99	(0.11- 9.16)
Partial Totals									863	2270	311	1530		
*prospective study														

Asia

StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
9	LAMW	2	f	t	e	4	2	0	-	-	-	-	2.51	(1.35- 4.67)
16	KOO	6	f	t	e	4	2	0	66	97	22	40	1.24	(0.67- 2.27)
41	SUN	6	f	t	a	4	2	2	-	-	-	-	1.83	(1.20- 2.80)
42	WANGS	1	f	t	e	4	2	0	67	60	15	34	2.53	(1.26- 5.10)
48	SHEN	1	f	a	y	a	2	0	56	59	14	11	0.75	(0.31- 1.78)
55	LEECH	19	f	t	e	4	2	0	189	249	79	196	1.88	(1.36- 2.60)
68	FANG	1	f	t	e	4	2	1	-	-	-	-	2.74	(1.82- 4.14)
*73	WEN	16	f	t	e	7	1	9	-	-	-	-	1.03	(0.57- 1.87)
74	YU	8	f	t	e	4	4	0	183	246	30	46	1.14	(0.69- 1.88)
85	TSE	65	m	t	a	4	2	0	90	353	42	183	1.11	(0.74- 1.67)
86	LIANG	3	f	t	e	a	2	0	176	202	50	77	1.34	(0.89- 2.02)
88	JIANG	8	m	t	e	4	2	0	23	10	24	37	3.55	(1.44- 8.75)
88	JIANG	9	f	t	e	4	2	0	67	48	31	50	2.25	(1.26- 4.03)
Subtotal 88													2.57	(1.58- 4.19)
*91	HE	1	m	t	e	4	2	0	7	271	3	168	1.45	(0.38- 5.52)
*91	HE	3	f	t	e	4	2	0	5	340	1	131	1.93	(0.23- 16.33)
Subtotal 91													1.57	(0.50- 4.88)
93	LIN	1	f	t	e	a	1	0	135	92	91	177	2.85	(1.98- 4.12)
95	GELAC	1	m	t	e	4	2	0	222	220	97	99	1.03	(0.74- 1.44)
95	GELAC	15	f	t	e	4	2	0	895	798	326	423	1.46	(1.22- 1.73)
Subtotal 95													1.35	(1.16- 1.58)
96	MASJED	1	m	t	e	a	1	0	9	43	17	127	1.56	(0.65- 3.77)
96	MASJED	3	f	t	e	a	1	0	29	51	26	68	1.49	(0.78- 2.83)
Subtotal 96													1.51	(0.90- 2.54)
97	REN	1	f	t	e	a	1	0	551	684	213	299	1.13	(0.92- 1.39)

Within each study, results are selected according to the following order of preference:

- 1) TYP : t, g, other
- 2) TOT : a, other
- 3) TIM : e, a, z, y, f, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

Table A 150
ETS and Lung Cancer - Meta-Analysis of Total Exposure, 14-NOV-14
Alternative EPIC Adulthood results (from nested CC) - both sexes
By continent - unadjusted

Asia										Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Case	Cont	Case	Cont			
Partial Totals										2770	3823	1081	2166		
*prospective study															
Other										Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	TYP	TIM	TOT	UNX	ADJ	Case	Cont	Case	Cont			
100	ILCCO	1	c	t	a	4	2	0	1817	4890	651	2167	1.24 (1.12- 1.37)		
Totals										1817	4890	651	2167		
*prospective study															
			NAmerica	Europe	Asia	Other	Total								
Relative risks															
	N	13		13		21		1		48					
	NS	11		11		17		1		40					
	Wt	224.65		130.96		499.32		363.32		1218.24					
	Het Chi	68.63		12.18		52.98		0.00		171.48					
	Het df	12		12		20		0		47					
	Het P	***		N.S.		***		N.S.		***					
Fixed	RR	0.93		1.12		1.49		1.24		1.25					
	RRl	0.81		0.94		1.37		1.12		1.18					
	RRu	1.06		1.32		1.63		1.37		1.33					
	P	N.S.		N.S.		+++		+++		+++					
Random	RR	1.16		1.11		1.58		1.24		1.31					
	RRl	0.82		0.94		1.34		1.12		1.15					
	RRu	1.65		1.33		1.87		1.37		1.49					
	P	N.S.		N.S.		+++		+++		+++					
Asymm	P	(*)		N.S.		N.S.		N.S.		N.S.					
Between	Chi			2.84		35.30		11.56		37.69					
Between	df			1		1		1		3					
Between	P			(+)		+++		+++		***					

Within each study, results are selected according to the following order of preference:

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- 2) TOT : a, other
- 3) TIM : e, a, z, y, f, c, other

See page 2 of this report for a key to the meanings of the variable names and their values.

