

Detailed meta-analysis on ETS and Heart Disease
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The output provides full details of a variety of meta-analyses of ETS and heart disease.

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

Tables 1-15 give information for spouse ETS exposure ever (or nearest equivalent)

1. Overall	- adjusted	
2. "	- unadjusted	
3. By sex	- adjusted	
4. "	- unadjusted	
5. By continent	- adjusted	
6. "	- unadjusted	
7. By publication year (grouped)	- adjusted	
8. "	- unadjusted	
9. By number of heart disease cases (grouped)		- adjusted
10. By study type (case-control, prospective, cross-sectional)		- adjusted
11. By total number of confounders considered in the study (grouped)		- adjusted
12. By any study results available on dose-response or not		- adjusted
13. By spouse the index or not		- adjusted
14. By heart disease type 1 (fatal, non-fatal, both)		- adjusted
15. By heart disease type 2 (IHD, MI, other, mixed)		- adjusted

Tables 16-30 similarly give information for spouse ETS exposure current (or nearest equivalent), with Table 16 corresponding to Table 1, Table 17 to Table 2 and so on.

Tables 31-38 give information for workplace ETS exposure (using data for workers only if available). These tables correspond to the first 8 tables in the list of 15 above.

Tables 39 and 40 give information on total ETS exposure, for adjusted and unadjusted data.

Tables 41 and 42 give information on ETS exposure assessed by cotinine, for adjusted and unadjusted data.

Some tables for spouse ETS exposure ever (or nearest equivalent) are then repeated but excluding study Enstrom in Tables 43-50 (corresponding to Tables 1-8) and similarly for spouse ETS exposure current (or nearest equivalent) in Tables 51-58 (corresponding to Tables 16-23).

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 or cross-sectional studies.

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

In all tables, estimates for males and females separately are chosen if available in preference to a combined estimate. The other variables used in selecting the estimates, and their values for each estimate chosen, are shown in the output and explained in fuller detail in the footnotes to that table. For each estimate, the table also shows:

StN	The study reference number as used in the database from which the output is produced
Ref	The study 6-letter reference on the database
NRR	The number of the estimate within that study on the database
SEX	The sex of the estimate, m = male, f = female or c = combined
ADJ	The number of adjustment factors (excluding sex) in the estimate (20 indicates adjusted for an unknown number of factors)

The estimates are shown in blocks according to the "factor" relevant to that table, e.g. sex for Table 3, continent for Table 5, etc. Note that these factors relate to the study as a whole, with the exception of sex, spouse the index, and heart disease type 1 which relate to the individual estimates.

For Tables 1, 2, 16, 17, 31, 32, 39-44, 51 and 52, which are not subdivided by factor, a second block of output gives further details regarding each estimate:

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

/cont

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

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

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

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

The methods used for meta-analysis are described in Fleiss and Gross (1991), Journal of Clinical Epidemiology, 44, 127-139. Egger's test is described in Egger *et al* (1997), BMJ, 315, 629-634.

This document is available at www.pnlee.co.uk, download LEE2005F. The results are also summarized in the following documents: download LEE2005A.pdf (which includes references to the individual studies), LEE2005B and LEE2005D.

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Table 1
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Overall - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA	6	f	s	e	f	2	1	-	-	-	-	1.16 (0.94- 1.43)	
*2	GARLAN	5	f	s	e	f	2	5	-	-	-	-	2.70 (0.63- 11.58)	
3	LEE	2	m	s	m	n	2	2	-	-	-	-	1.24 (0.59- 2.59)	
3	LEE	4	f	s	m	n	2	2	-	-	-	-	0.93 (0.54- 1.61)	
Subtotal 3													1.03 (0.66- 1.60)	
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60 (1.20- 5.70)	
*5	SVENDS	2	m	s	c	b	2	6	-	-	-	-	1.61 (0.96- 2.71)	
*6	BUTLER	2	f	s	e	f	2	1	-	-	-	-	1.07 (0.65- 1.75)	
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73 (1.01- 2.96)	
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65 (0.79- 3.46)	
Subtotal 8													1.70 (1.10- 2.63)	
9	JACKSO	4	m	h	c	b	2	2	-	-	-	-	1.06 (0.39- 2.91)	
9	JACKSO	2	f	h	c	b	2	2	-	-	-	-	3.74 (1.15- 12.19)	
Subtotal 9													1.80 (0.84- 3.87)	
*10	SANDLE	2	m	h	c	f	2	4	-	-	-	-	1.31 (1.05- 1.64)	
*10	SANDLE	4	f	h	c	f	2	4	-	-	-	-	1.19 (1.04- 1.36)	
Subtotal 10													1.22 (1.09- 1.37)	
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59 (0.99- 2.57)	
12	DOBSON	4	m	h	c	b	2	2	-	-	-	-	0.97 (0.50- 1.86)	
12	DOBSON	2	f	h	c	b	2	2	-	-	-	-	2.46 (1.47- 4.13)	
Subtotal 12													1.72 (1.15- 2.59)	
13	LAVECC	2	m	s	e	n	2	0	9	21	55	140	1.09 (0.47- 2.53)	
13	LAVECC	1	f	s	e	n	2	0	32	39	11	17	1.27 (0.52- 3.09)	
Subtotal 13													1.17 (0.64- 2.16)	
14	LAYARD	2	m	s	e	f	2	2	-	-	-	-	0.97 (0.73- 1.28)	
14	LAYARD	10	f	s	e	f	2	2	-	-	-	-	0.99 (0.84- 1.16)	
Subtotal 14													0.98 (0.86- 1.13)	
*15	LEVOIS	1	m	s	e	f	2	2	-	-	-	-	0.97 (0.90- 1.05)	
*15	LEVOIS	6	f	s	e	f	2	2	-	-	-	-	1.03 (0.98- 1.08)	
Subtotal 15													1.01 (0.97- 1.06)	
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38 (0.70- 2.75)	
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33 (0.59- 2.99)	
Subtotal 17													1.36 (0.80- 2.30)	
18	TUNSTA	2	c	t	c	n	2	4	-	-	-	-	1.34 (1.07- 1.67)	
*19	STEENL	3	m	s	e	f	2	12	-	-	-	-	1.09 (0.98- 1.21)	
*19	STEENL	4	f	s	e	f	2	13	-	-	-	-	1.04 (0.93- 1.16)	
Subtotal 19													1.07 (0.99- 1.15)	
20	JANGHO	1	f	s	e	n	2	0	63	100	137	300	1.38 (0.95- 2.01)	
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53 (0.81- 2.90)	
22	CIRUZZ	7	m	s	c	n	2	9	-	-	-	-	1.18 (0.55- 2.52)	
22	CIRUZZ	8	f	s	c	n	2	9	-	-	-	-	1.73 (0.89- 3.36)	
Subtotal 22													1.47 (0.89- 2.42)	
23	MCELDU	4	m	t	c	b	2	4	-	-	-	-	0.82 (0.55- 1.22)	
23	MCELDU	2	f	t	c	b	2	4	-	-	-	-	2.15 (1.18- 3.92)	
Subtotal 23													1.10 (0.79- 1.53)	
25	HE	2	f	s	e	n	2	6	-	-	-	-	1.60 (0.94- 2.90)	
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13 (1.00- 1.27)	
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20 (1.09- 1.30)	
Subtotal 26													1.17 (1.09- 1.26)	
27	ROSENL	2	m	s	e	n	2	8	-	-	-	-	0.96 (0.64- 1.44)	
27	ROSENL	14	f	s	e	n	2	8	-	-	-	-	1.53 (0.95- 2.44)	
Subtotal 27													1.17 (0.86- 1.59)	
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33 (0.89- 1.99)	
*29	ENSTRO	16	m	s	e	f	2	8	-	-	-	-	0.93 (0.83- 1.04)	
*29	ENSTRO	32	f	s	e	f	2	8	-	-	-	-	0.99 (0.92- 1.08)	
Subtotal 29													0.97 (0.91- 1.03)	
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20 (0.70- 2.20)	
31	NISHTA	3	c	s	e	n	1	1	-	-	-	-	2.38 (1.04- 5.42)	
33	MCGHEE	1	m	h	p	f	2	2	-	-	-	-	1.30 (0.88- 1.93)	
33	MCGHEE	2	f	h	p	f	2	2	-	-	-	-	1.39 (0.95- 2.04)	
Subtotal 33													1.35 (1.02- 1.77)	
Partial Totals									152	212	269	563		
*prospective study														

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 1
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Overall - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Ys	Ws	Qs	Ps
*1	HIRAYA	6	f	s	e	f	2	1	0.15	87.29	0.58	0.1655
*2	GARLAN	5	f	s	e	f	2	5	0.99	1.81	1.56	0.1811
3	LEE	2	m	s	m	n	2	2	0.22	7.02	0.15	0.5687
3	LEE	4	f	s	m	n	2	2	-0.07	12.88	0.25	0.7946
Subtotal	3								0.01	19.90	0.40	
4	MARTIN	1	f	s	e	n	2	6	0.96	6.33	5.00	0.0162
*5	SVENDS	2	m	s	c	b	2	6	0.48	14.27	2.39	0.0720
*6	BUTLER	2	f	s	e	f	2	1	0.07	15.67	0.00	0.7889
*8	HOLE	3	m	h	e	f	2	5	0.55	13.29	3.08	0.0457
*8	HOLE	2	f	h	e	f	2	5	0.50	7.04	1.33	0.1838
Subtotal	8								0.92	20.33	4.40	
9	JACKSO	4	m	h	c	b	2	2	0.06	3.80	0.00	0.9095
9	JACKSO	2	f	h	c	b	2	2	1.32	2.76	4.32	0.0285
Subtotal	9								1.24	6.56	4.32	
*10	SANDLE	2	m	h	c	f	2	4	0.27	77.28	3.19	0.0176
*10	SANDLE	4	f	h	c	f	2	4	0.17	213.52	2.45	0.0110
Subtotal	10								0.31	290.80	5.63	
*11	HUMBLE	1	f	s	c	f	8	4	0.46	16.88	2.66	0.0567
12	DOBSON	4	m	h	c	b	2	2	-0.03	8.90	0.08	0.9276
12	DOBSON	2	f	h	c	b	2	2	0.90	14.40	10.00	0.0006
Subtotal	12								0.74	23.30	10.08	
13	LAVECC	2	m	s	e	n	2	0	0.09	5.43	0.00	0.8393
13	LAVECC	1	f	s	e	n	2	0	0.24	4.84	0.14	0.6013
Subtotal	13								0.19	10.27	0.14	
14	LAYARD	2	m	s	e	f	2	2	-0.03	48.72	0.46	0.8316
14	LAYARD	10	f	s	e	f	2	2	-0.01	147.49	0.87	0.9029
Subtotal	14								-0.17	196.21	1.34	
*15	LEVOIS	1	m	s	e	f	2	2	-0.03	646.64	6.13	0.4386
*15	LEVOIS	6	f	s	e	f	2	2	0.03	1627.60	2.27	0.2331
Subtotal	15								-0.13	2274.24	8.41	
17	MUSCAT	1	m	s	e	n	2	0	0.32	8.14	0.54	0.3546
17	MUSCAT	2	f	s	e	n	2	0	0.28	5.82	0.27	0.4970
Subtotal	17								0.47	13.96	0.81	
18	TUNSTA	2	c	t	c	n	2	4	0.29	77.54	3.95	0.0100
*19	STEENL	3	m	s	e	f	2	12	0.09	345.72	0.13	0.1091
*19	STEENL	4	f	s	e	f	2	13	0.04	314.64	0.24	0.4866
Subtotal	19								-0.01	660.35	0.37	
20	JANGHO	1	f	s	e	n	2	0	0.32	27.39	1.78	0.0922
*21	KAWACH	11	f	h	c	b	2	15	0.43	9.45	1.21	0.1912
22	CIRUZZ	7	m	s	c	n	2	9	0.17	6.63	0.06	0.6699
22	CIRUZZ	8	f	s	c	n	2	9	0.55	8.71	2.02	0.1058
Subtotal	22								0.58	15.34	2.08	
23	MCELDU	4	m	t	c	b	2	4	-0.20	24.21	1.71	0.3288
23	MCELDU	2	f	t	c	b	2	4	0.77	10.66	5.20	0.0124
Subtotal	23								0.43	34.87	6.91	
25	HE	2	f	s	e	n	2	6	0.47	12.11	1.97	0.1020
26	IRIBAR	4	m	h	c	n	2	11	0.12	268.97	0.82	0.0450
26	IRIBAR	19	f	h	c	n	2	11	0.18	495.01	6.59	0.0000
Subtotal	26								0.17	763.97	7.41	
27	ROSENL	2	m	s	e	n	2	8	-0.04	23.37	0.27	0.8436
27	ROSENL	14	f	s	e	n	2	8	0.43	17.27	2.22	0.0772
Subtotal	27								0.25	40.64	2.49	
28	PITSAV	9	c	h	c	n	a	6	0.29	23.73	1.13	0.1648
*29	ENSTRO	16	m	s	e	f	2	8	-0.07	302.04	5.88	0.2072
*29	ENSTRO	32	f	s	e	f	2	8	-0.01	597.66	3.54	0.8059
Subtotal	29								-0.22	899.71	9.42	
30	CHEN	10	c	h	c	n	2	10	0.18	11.72	0.16	0.5326
31	NISHTA	3	c	s	e	n	1	1	0.87	5.64	3.61	0.0395
33	MCGHEE	1	m	h	p	f	2	2	0.26	24.91	0.95	0.1904
33	MCGHEE	2	f	h	p	f	2	2	0.33	26.31	1.81	0.0912
Subtotal	33								0.46	51.22	2.76	

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 1
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Overall - adjusted

Relative risks

	N	45
	NS	29
	Wt	5631.50
Het	Chi	92.97
Het	df	44
Het	P	***
Fixed	RR	1.07
	RRl	1.04
	RRu	1.10
	P	+++
Random	RR	1.15
	RRl	1.09
	RRu	1.21
	P	+++
Asymm	P	***

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 2
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Overall - unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
*1	HIRAYA	3	f	s	e	f	2	0	376	69645	118	21895	1.00	(0.82- 1.23)
*2	GARLAN	1	f	s	e	f	2	0	17	492	2	203	3.51	(0.82- 15.04)
3	LEE	1	m	s	m	n	2	0	15	40	26	93	1.34	(0.64- 2.80)
3	LEE	3	f	s	m	n	2	0	55	229	22	89	0.97	(0.56- 1.69)
Subtotal 3													1.09	(0.70- 1.70)
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
*5	SVENDS	1	m	s	c	b	2	0	21	286	48	959	1.47	(0.89- 2.41)
*6	BUTLER	1	f	s	e	f	2	0	20	10579	60	43052	1.36	(0.82- 2.25)
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
Subtotal 8													1.70	(1.10- 2.63)
9	JACKSO	3	m	h	c	b	2	0	-	-	-	-	1.10	(0.40- 3.00)
9	JACKSO	1	f	h	c	b	2	0	-	-	-	-	4.00	(1.35- 13.10)
Subtotal 9													1.94	(0.91- 4.13)
*10	SANDLE	1	m	h	c	f	2	0	122	1248	248	2914	1.15	(0.93- 1.41)
*10	SANDLE	3	f	h	c	f	2	0	551	9551	437	5322	0.70	(0.62- 0.79)
Subtotal 10													0.80	(0.72- 0.88)
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
12	DOBSON	3	m	h	c	b	2	0	22	34	161	259	1.04	(0.59- 1.84)
12	DOBSON	1	f	h	c	b	2	0	43	99	117	433	1.61	(1.06- 2.43)
Subtotal 12													1.39	(0.99- 1.93)
13	LAVECC	2	m	s	e	n	2	0	9	21	55	140	1.09	(0.47- 2.53)
13	LAVECC	1	f	s	e	n	2	0	32	39	11	17	1.27	(0.52- 3.09)
Subtotal 13													1.17	(0.64- 2.16)
14	LAYARD	1	m	s	e	f	2	0	97	215	378	783	0.93	(0.71- 1.22)
14	LAYARD	9	f	s	e	f	2	0	455	961	459	969	1.00	(0.85- 1.17)
Subtotal 14													0.98	(0.86- 1.13)
*15	LEVOIS	1	m	s	e	f	2	2	-	-	-	-	0.97	(0.90- 1.05)
*15	LEVOIS	6	f	s	e	f	2	2	-	-	-	-	1.03	(0.98- 1.08)
Subtotal 15													1.01	(0.97- 1.06)
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
Subtotal 17													1.36	(0.80- 2.30)
18	TUNSTA	1	c	t	c	n	2	0	329	1216	99	483	1.32	(1.03- 1.69)
*19	STEENL	3	m	s	e	f	2	12	-	-	-	-	1.09	(0.98- 1.21)
*19	STEENL	4	f	s	e	f	2	13	-	-	-	-	1.04	(0.93- 1.16)
Subtotal 19													1.07	(0.99- 1.15)
20	JANGHO	1	f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
22	CIRUZZ	5	m	s	c	n	2	0	15	22	141	206	1.00	(0.50- 1.99)
22	CIRUZZ	6	f	s	c	n	2	0	29	25	151	193	1.48	(0.83- 2.64)
Subtotal 22													1.26	(0.81- 1.96)
23	MCELDU	3	m	t	c	b	2	0	53	172	145	373	0.79	(0.55- 1.14)
23	MCELDU	1	f	t	c	b	2	0	31	147	54	479	1.87	(1.16- 3.02)
Subtotal 23													1.08	(0.81- 1.45)
25	HE	1	f	s	e	n	2	0	76	95	39	113	2.32	(1.44- 3.72)
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
Subtotal 26													1.17	(1.09- 1.26)
27	ROSENL	1	m	s	e	n	2	0	53	113	141	285	0.95	(0.65- 1.39)
27	ROSENL	13	f	s	e	n	2	0	65	119	59	144	1.33	(0.87- 2.05)
Subtotal 27													1.10	(0.83- 1.47)
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
*29	ENSTRO	8	m	s	e	f	2	1	-	-	-	-	0.94	(0.85- 1.05)
*29	ENSTRO	24	f	s	e	f	2	1	-	-	-	-	1.01	(0.94- 1.08)
Subtotal 29													0.99	(0.93- 1.05)
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
31	NISHTA	3	c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
33	MCGHEE	5	m	h	p	f	2	0	74	71	285	347	1.27	(0.88- 1.82)
33	MCGHEE	6	f	h	p	f	2	0	113	150	112	195	1.31	(0.94- 1.84)
Subtotal 33													1.29	(1.01- 1.65)
Partial Totals									2784	95721	3571	80352		
*prospective study														

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 2
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Overall - unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Ys	Ws	Qs	Ps
*1	HIRAYA	3	f	s	e	f	2	0	0.00	90.30	0.14	0.9867
*2	GARLAN	1	f	s	e	f	2	0	1.25	1.81	2.67	0.0912
3	LEE	1	m	s	m	n	2	0	0.29	7.10	0.45	0.4340
3	LEE	3	f	s	m	n	2	0	-0.03	12.62	0.06	0.9185
Subtotal	3								0.18	19.72	0.51	
4	MARTIN	1	f	s	e	n	2	6	0.96	6.33	5.29	0.0162
*5	SVENDS	1	m	s	c	b	2	0	0.38	15.65	1.83	0.1296
*6	BUTLER	1	f	s	e	f	2	0	0.30	15.03	1.05	0.2372
*8	HOLE	3	m	h	e	f	2	5	0.55	13.29	3.42	0.0457
*8	HOLE	2	f	h	e	f	2	5	0.50	7.04	1.49	0.1838
Subtotal	8								0.97	20.33	4.91	
9	JACKSO	3	m	h	c	b	2	0	0.10	3.78	0.01	0.8529
9	JACKSO	1	f	h	c	b	2	0	1.39	2.98	5.39	0.0168
Subtotal	9								1.40	6.76	5.40	
*10	SANDLE	1	m	h	c	f	2	0	0.14	90.22	0.86	0.1881
*10	SANDLE	3	f	h	c	f	2	0	-0.35	262.43	40.72	0.0000
Subtotal	10								-0.30	352.64	41.58	
*11	HUMBLE	1	f	s	c	f	8	4	0.46	16.88	3.02	0.0567
12	DOBSON	3	m	h	c	b	2	0	0.04	11.77	0.00	0.8905
12	DOBSON	1	f	h	c	b	2	0	0.47	22.62	4.25	0.0240
Subtotal	12								0.43	34.39	4.25	
13	LAVECC	2	m	s	e	n	2	0	0.09	5.43	0.01	0.8393
13	LAVECC	1	f	s	e	n	2	0	0.24	4.84	0.19	0.6013
Subtotal	13								0.24	10.27	0.20	
14	LAYARD	1	m	s	e	f	2	0	-0.07	52.96	0.62	0.6223
14	LAYARD	9	f	s	e	f	2	0	-0.00	155.06	0.27	0.9954
Subtotal	14								-0.15	208.02	0.89	
*15	LEVOIS	1	m	s	e	f	2	2	-0.03	646.64	3.30	0.4386
*15	LEVOIS	6	f	s	e	f	2	2	0.03	1627.60	0.21	0.2331
Subtotal	15								-0.08	2274.24	3.51	
17	MUSCAT	1	m	s	e	n	2	0	0.32	8.14	0.65	0.3546
17	MUSCAT	2	f	s	e	n	2	0	0.28	5.82	0.34	0.4970
Subtotal	17								0.52	13.96	0.99	
18	TUNSTA	1	c	t	c	n	2	0	0.28	62.37	3.49	0.0283
*19	STEENL	3	m	s	e	f	2	12	0.09	345.72	0.71	0.1091
*19	STEENL	4	f	s	e	f	2	13	0.04	314.64	0.00	0.4866
Subtotal	19								0.04	660.35	0.71	
20	JANGHO	1	f	s	e	n	2	0	0.32	27.39	2.16	0.0922
*21	KAWACH	11	f	h	c	b	2	15	0.43	9.45	1.40	0.1912
22	CIRUZZ	5	m	s	c	n	2	0	-0.00	8.06	0.02	0.9912
22	CIRUZZ	6	f	s	c	n	2	0	0.39	11.59	1.44	0.1800
Subtotal	22								0.31	19.65	1.46	
23	MCELDU	3	m	t	c	b	2	0	-0.23	29.19	2.18	0.2093
23	MCELDU	1	f	t	c	b	2	0	0.63	16.76	5.74	0.0104
Subtotal	23								0.31	45.95	7.92	
25	HE	1	f	s	e	n	2	0	0.84	17.19	10.99	0.0005
26	IRIBAR	4	m	h	c	n	2	11	0.12	268.97	1.78	0.0450
26	IRIBAR	19	f	h	c	n	2	11	0.18	495.01	9.90	0.0000
Subtotal	26								0.22	763.97	11.67	
27	ROSENL	1	m	s	e	n	2	0	-0.05	26.10	0.23	0.7851
27	ROSENL	13	f	s	e	n	2	0	0.29	20.97	1.28	0.1879
Subtotal	27								0.15	47.07	1.51	
28	PITSAV	9	c	h	c	n	a	6	0.29	23.73	1.42	0.1648
*29	ENSTRO	8	m	s	e	f	2	1	-0.06	344.13	3.64	0.2510
*29	ENSTRO	24	f	s	e	f	2	1	0.01	797.17	0.77	0.7788
Subtotal	29								-0.13	1141.29	4.40	
30	CHEN	10	c	h	c	n	2	10	0.18	11.72	0.23	0.5326
31	NISHTA	3	c	s	e	n	1	1	0.87	5.64	3.85	0.0395
33	MCGHEE	5	m	h	p	f	2	0	0.24	29.42	1.15	0.1963
33	MCGHEE	6	f	h	p	f	2	0	0.27	33.81	1.79	0.1147
Subtotal	33								0.43	63.24	2.94	

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 2
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Overall - unadjusted

Relative risks

	N	45
	NS	29
	Wt	5985.34
Het	Chi	130.40
Het	df	44
Het	P	***
Fixed	RR	1.04
	RRl	1.02
	RRu	1.07
	P	++
Random	RR	1.13
	RRl	1.06
	RRu	1.20
	P	+++
Asymm	P	***

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 3
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By sex - adjusted

combined

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
18	TUNSTA	2	c	t	c	n	2	4	-	-	-	-	1.34	(1.07- 1.67)
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
31	NISHTA	3	c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
Partial Totals									0	0	0	0		

*prospective study

male

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
3	LEE	2	m	s	m	n	2	2	-	-	-	-	1.24	(0.59- 2.59)
*5	SVENDS	2	m	s	c	b	2	6	-	-	-	-	1.61	(0.96- 2.71)
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
9	JACKSO	4	m	h	c	b	2	2	-	-	-	-	1.06	(0.39- 2.91)
*10	SANDLE	2	m	h	c	f	2	4	-	-	-	-	1.31	(1.05- 1.64)
12	DOBSON	4	m	h	c	b	2	2	-	-	-	-	0.97	(0.50- 1.86)
13	LAVECC	2	m	s	e	n	2	0	9	21	55	140	1.09	(0.47- 2.53)
14	LAYARD	2	m	s	e	f	2	2	-	-	-	-	0.97	(0.73- 1.28)
*15	LEVOIS	1	m	s	e	f	2	2	-	-	-	-	0.97	(0.90- 1.05)
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
*19	STEENL	3	m	s	e	f	2	12	-	-	-	-	1.09	(0.98- 1.21)
22	CIRUZZ	7	m	s	c	n	2	9	-	-	-	-	1.18	(0.55- 2.52)
23	MCELDU	4	m	t	c	b	2	4	-	-	-	-	0.82	(0.55- 1.22)
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
27	ROSENL	2	m	s	e	n	2	8	-	-	-	-	0.96	(0.64- 1.44)
*29	ENSTRO	16	m	s	e	f	2	8	-	-	-	-	0.93	(0.83- 1.04)
33	MCGHEE	1	m	h	p	f	2	2	-	-	-	-	1.30	(0.88- 1.93)
Partial Totals									29	46	103	223		

*prospective study

female

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA	6	f	s	e	f	2	1	-	-	-	-	1.16	(0.94- 1.43)
*2	GARLAN	5	f	s	e	f	2	5	-	-	-	-	2.70	(0.63- 11.58)
3	LEE	4	f	s	m	n	2	2	-	-	-	-	0.93	(0.54- 1.61)
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
*6	BUTLER	2	f	s	e	f	2	1	-	-	-	-	1.07	(0.65- 1.75)
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
9	JACKSO	2	f	h	c	b	2	2	-	-	-	-	3.74	(1.15- 12.19)
*10	SANDLE	4	f	h	c	f	2	4	-	-	-	-	1.19	(1.04- 1.36)
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
12	DOBSON	2	f	h	c	b	2	2	-	-	-	-	2.46	(1.47- 4.13)
13	LAVECC	1	f	s	e	n	2	0	32	39	11	17	1.27	(0.52- 3.09)
14	LAYARD	10	f	s	e	f	2	2	-	-	-	-	0.99	(0.84- 1.16)
*15	LEVOIS	6	f	s	e	f	2	2	-	-	-	-	1.03	(0.98- 1.08)
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
*19	STEENL	4	f	s	e	f	2	13	-	-	-	-	1.04	(0.93- 1.16)
20	JANGHO	1	f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
22	CIRUZZ	8	f	s	c	n	2	9	-	-	-	-	1.73	(0.89- 3.36)
23	MCELDU	2	f	t	c	b	2	4	-	-	-	-	2.15	(1.18- 3.92)
25	HE	2	f	s	e	n	2	6	-	-	-	-	1.60	(0.94- 2.90)
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
27	ROSENL	14	f	s	e	n	2	8	-	-	-	-	1.53	(0.95- 2.44)
*29	ENSTRO	32	f	s	e	f	2	8	-	-	-	-	0.99	(0.92- 1.08)
33	MCGHEE	2	f	h	p	f	2	2	-	-	-	-	1.39	(0.95- 2.04)
Partial Totals									123	166	166	340		

*prospective study

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 3
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By sex - adjusted

	combined	male	female	Total
Relative risks				
N	4	17	24	45
NS	4	17	24	45
Wt	118.62	1829.35	3683.52	5631.50
Het Chi	1.98	23.79	57.97	92.97
Het df	3	16	23	44
Het P	N.S.	(*)	***	***
Fixed RR	1.36	1.03	1.08	1.07
RRl	1.14	0.99	1.04	1.04
RRu	1.63	1.08	1.11	1.10
P	+++	N.S.	+++	+++
Random RR	1.36	1.06	1.19	1.15
RRl	1.14	0.99	1.10	1.09
RRu	1.63	1.14	1.29	1.21
P	+++	(+)	+++	+++
Asymm P	N.S.	N.S.	***	***
Between Chi		8.38	6.17	9.23
Between df		1	1	2
Between P		--	-	**

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 4
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By sex - unadjusted

combined

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
18	TUNSTA	1	c	t	c	n	2	0	329	1216	99	483	1.32	(1.03- 1.69)
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
31	NISHTA	3	c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
Partial Totals									329	1216	99	483		

*prospective study

male

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
3	LEE	1	m	s	m	n	2	0	15	40	26	93	1.34	(0.64- 2.80)
*5	SVENDS	1	m	s	c	b	2	0	21	286	48	959	1.47	(0.89- 2.41)
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
9	JACKSO	3	m	h	c	b	2	0	-	-	-	-	1.10	(0.40- 3.00)
*10	SANDLE	1	m	h	c	f	2	0	122	1248	248	2914	1.15	(0.93- 1.41)
12	DOBSON	3	m	h	c	b	2	0	22	34	161	259	1.04	(0.59- 1.84)
13	LAVECC	2	m	s	e	n	2	0	9	21	55	140	1.09	(0.47- 2.53)
14	LAYARD	1	m	s	e	f	2	0	97	215	378	783	0.93	(0.71- 1.22)
*15	LEVOIS	1	m	s	e	f	2	2	-	-	-	-	0.97	(0.90- 1.05)
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
*19	STEENL	3	m	s	e	f	2	12	-	-	-	-	1.09	(0.98- 1.21)
22	CIRUZZ	5	m	s	c	n	2	0	15	22	141	206	1.00	(0.50- 1.99)
23	MCELDU	3	m	t	c	b	2	0	53	172	145	373	0.79	(0.55- 1.14)
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
27	ROSENL	1	m	s	e	n	2	0	53	113	141	285	0.95	(0.65- 1.39)
*29	ENSTRO	8	m	s	e	f	2	1	-	-	-	-	0.94	(0.85- 1.05)
33	MCGHEE	5	m	h	p	f	2	0	74	71	285	347	1.27	(0.88- 1.82)
Partial Totals									501	2247	1676	6442		

*prospective study

female

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA	3	f	s	e	f	2	0	376	69645	118	21895	1.00	(0.82- 1.23)
*2	GARLAN	1	f	s	e	f	2	0	17	492	2	203	3.51	(0.82- 15.04)
3	LEE	3	f	s	m	n	2	0	55	229	22	89	0.97	(0.56- 1.69)
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
*6	BUTLER	1	f	s	e	f	2	0	20	10579	60	43052	1.36	(0.82- 2.25)
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
9	JACKSO	1	f	h	c	b	2	0	-	-	-	-	4.00	(1.35- 13.10)
*10	SANDLE	3	f	h	c	f	2	0	551	9551	437	5322	0.70	(0.62- 0.79)
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
12	DOBSON	1	f	h	c	b	2	0	43	99	117	433	1.61	(1.06- 2.43)
13	LAVECC	1	f	s	e	n	2	0	32	39	11	17	1.27	(0.52- 3.09)
14	LAYARD	9	f	s	e	f	2	0	455	961	459	969	1.00	(0.85- 1.17)
*15	LEVOIS	6	f	s	e	f	2	2	-	-	-	-	1.03	(0.98- 1.08)
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
*19	STEENL	4	f	s	e	f	2	13	-	-	-	-	1.04	(0.93- 1.16)
20	JANGHO	1	f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
22	CIRUZZ	6	f	s	c	n	2	0	29	25	151	193	1.48	(0.83- 2.64)
23	MCELDU	1	f	t	c	b	2	0	31	147	54	479	1.87	(1.16- 3.02)
25	HE	1	f	s	e	n	2	0	76	95	39	113	2.32	(1.44- 3.72)
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
27	ROSENL	13	f	s	e	n	2	0	65	119	59	144	1.33	(0.87- 2.05)
*29	ENSTRO	24	f	s	e	f	2	1	-	-	-	-	1.01	(0.94- 1.08)
33	MCGHEE	6	f	h	p	f	2	0	113	150	112	195	1.31	(0.94- 1.84)
Partial Totals									1954	92258	1796	73427		

*prospective study

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 4
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By sex - unadjusted

	combined	male	female	Total
Relative risks				
N	4	17	24	45
NS	4	17	24	45
Wt	103.46	1906.56	3975.33	5985.34
Het Chi	2.01	20.41	100.55	130.40
Het df	3	16	23	44
Het P	N.S.	N.S.	***	***
Fixed RR	1.35	1.03	1.04	1.04
RRl	1.11	0.98	1.01	1.02
RRu	1.64	1.07	1.08	1.07
P	++	N.S.	++	++
Random RR	1.35	1.04	1.18	1.13
RRl	1.11	0.98	1.07	1.06
RRu	1.64	1.11	1.31	1.20
P	++	N.S.	+++	+++
Asymm P	N.S.	N.S.	**	***
Between Chi		7.43	6.77	7.43
Between df		1	1	2
Between P		--	--	*

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 5
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
*2	GARLAN 5		f	s	e	f	2	5	-	-	-	-	2.70 (0.63- 11.58)	
4	MARTIN 1		f	s	e	n	2	6	-	-	-	-	2.60 (1.20- 5.70)	
*5	SVENDS 2		m	s	c	b	2	6	-	-	-	-	1.61 (0.96- 2.71)	
*6	BUTLER 2		f	s	e	f	2	1	-	-	-	-	1.07 (0.65- 1.75)	
*10	SANDLE 2		m	h	c	f	2	4	-	-	-	-	1.31 (1.05- 1.64)	
*10	SANDLE 4		f	h	c	f	2	4	-	-	-	-	1.19 (1.04- 1.36)	
Subtotal	10												1.22 (1.09- 1.37)	
*11	HUMBLE 1		f	s	c	f	8	4	-	-	-	-	1.59 (0.99- 2.57)	
14	LAYARD 2		m	s	e	f	2	2	-	-	-	-	0.97 (0.73- 1.28)	
14	LAYARD 10		f	s	e	f	2	2	-	-	-	-	0.99 (0.84- 1.16)	
Subtotal	14												0.98 (0.86- 1.13)	
*15	LEVOIS 1		m	s	e	f	2	2	-	-	-	-	0.97 (0.90- 1.05)	
*15	LEVOIS 6		f	s	e	f	2	2	-	-	-	-	1.03 (0.98- 1.08)	
Subtotal	15												1.01 (0.97- 1.06)	
17	MUSCAT 1		m	s	e	n	2	0	20	25	48	83	1.38 (0.70- 2.75)	
17	MUSCAT 2		f	s	e	n	2	0	28	27	18	23	1.33 (0.59- 2.99)	
Subtotal	17												1.36 (0.80- 2.30)	
*19	STEENL 3		m	s	e	f	2	12	-	-	-	-	1.09 (0.98- 1.21)	
*19	STEENL 4		f	s	e	f	2	13	-	-	-	-	1.04 (0.93- 1.16)	
Subtotal	19												1.07 (0.99- 1.15)	
*21	KAWACH 11		f	h	c	b	2	15	-	-	-	-	1.53 (0.81- 2.90)	
26	IRIBAR 4		m	h	c	n	2	11	-	-	-	-	1.13 (1.00- 1.27)	
26	IRIBAR 19		f	h	c	n	2	11	-	-	-	-	1.20 (1.09- 1.30)	
Subtotal	26												1.17 (1.09- 1.26)	
*29	ENSTRO 16		m	s	e	f	2	8	-	-	-	-	0.93 (0.83- 1.04)	
*29	ENSTRO 32		f	s	e	f	2	8	-	-	-	-	0.99 (0.92- 1.08)	
Subtotal	29												0.97 (0.91- 1.03)	
Partial Totals									48	52	66	106		
*prospective study														

Europe

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
3	LEE 2		m	s	m	n	2	2	-	-	-	-	1.24 (0.59- 2.59)	
3	LEE 4		f	s	m	n	2	2	-	-	-	-	0.93 (0.54- 1.61)	
Subtotal	3												1.03 (0.66- 1.60)	
*8	HOLE 3		m	h	e	f	2	5	-	-	-	-	1.73 (1.01- 2.96)	
*8	HOLE 2		f	h	e	f	2	5	-	-	-	-	1.65 (0.79- 3.46)	
Subtotal	8												1.70 (1.10- 2.63)	
13	LAVECC 2		m	s	e	n	2	0	9	21	55	140	1.09 (0.47- 2.53)	
13	LAVECC 1		f	s	e	n	2	0	32	39	11	17	1.27 (0.52- 3.09)	
Subtotal	13												1.17 (0.64- 2.16)	
18	TUNSTA 2		c	t	c	n	2	4	-	-	-	-	1.34 (1.07- 1.67)	
27	ROSENL 2		m	s	e	n	2	8	-	-	-	-	0.96 (0.64- 1.44)	
27	ROSENL 14		f	s	e	n	2	8	-	-	-	-	1.53 (0.95- 2.44)	
Subtotal	27												1.17 (0.86- 1.59)	
28	PITSAV 9		c	h	c	n	a	6	-	-	-	-	1.33 (0.89- 1.99)	
30	CHEN 10		c	h	c	n	2	10	-	-	-	-	1.20 (0.70- 2.20)	
Partial Totals									41	60	66	157		
*prospective study														

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 5
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By continent - adjusted

Asia

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA 6		f	s	e	f	2	1	-	-	-	-	1.16 (0.94- 1.43)	
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38 (0.95- 2.01)	
25	HE 2		f	s	e	n	2	6	-	-	-	-	1.60 (0.94- 2.90)	
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38 (1.04- 5.42)	
33	MCGHEE 1		m	h	p	f	2	2	-	-	-	-	1.30 (0.88- 1.93)	
33	MCGHEE 2		f	h	p	f	2	2	-	-	-	-	1.39 (0.95- 2.04)	
Subtotal 33													1.35 (1.02- 1.77)	
Partial Totals									63	100	137	300		

*prospective study

Other

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
9	JACKSO 4		m	h	c	b	2	2	-	-	-	-	1.06 (0.39- 2.91)	
9	JACKSO 2		f	h	c	b	2	2	-	-	-	-	3.74 (1.15- 12.19)	
Subtotal 9													1.80 (0.84- 3.87)	
12	DOBSON 4		m	h	c	b	2	2	-	-	-	-	0.97 (0.50- 1.86)	
12	DOBSON 2		f	h	c	b	2	2	-	-	-	-	2.46 (1.47- 4.13)	
Subtotal 12													1.72 (1.15- 2.59)	
22	CIRUZZ 7		m	s	c	n	2	9	-	-	-	-	1.18 (0.55- 2.52)	
22	CIRUZZ 8		f	s	c	n	2	9	-	-	-	-	1.73 (0.89- 3.36)	
Subtotal 22													1.47 (0.89- 2.42)	
23	MCELDU 4		m	t	c	b	2	4	-	-	-	-	0.82 (0.55- 1.22)	
23	MCELDU 2		f	t	c	b	2	4	-	-	-	-	2.15 (1.18- 3.92)	
Subtotal 23													1.10 (0.79- 1.53)	
Partial Totals									0	0	0	0		

*prospective study

Relative risks	NAmerica		Europe		Asia		Other		Total	
	N	NS	N	NS	N	NS	N	NS	N	NS
	20	13	11	7	6	5	8	4	45	29
	Wt 5163.65		204.13		183.65		80.07		5631.50	
	Het Chi 44.53		5.85		3.93		18.19		92.97	
	Het df 19		10		5		7		44	
	Het P ***		N.S.		N.S.		*		***	
	Fixed RR 1.05		1.28		1.30		1.38		1.07	
	RRl 1.02		1.12		1.12		1.11		1.04	
	RRu 1.08		1.47		1.50		1.72		1.10	
	P +++		+++		+++		++		+++	
	Random RR 1.08		1.28		1.30		1.48		1.15	
	RRl 1.02		1.12		1.12		1.02		1.09	
	RRu 1.14		1.47		1.50		2.16		1.21	
	P ++		+++		+++		+		+++	
	Asymm P *		N.S.		***		N.S.		***	
	Between Chi		7.93		7.82		5.88		20.48	
	Between df		1		1		1		3	
	Between P		++		++		+		***	

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 6
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
*2	GARLAN 1		f	s	e	f	2	0	17	492	2	203	3.51	(0.82- 15.04)
4	MARTIN 1		f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
*5	SVENDS 1		m	s	c	b	2	0	21	286	48	959	1.47	(0.89- 2.41)
*6	BUTLER 1		f	s	e	f	2	0	20	10579	60	43052	1.36	(0.82- 2.25)
*10	SANDLE 1		m	h	c	f	2	0	122	1248	248	2914	1.15	(0.93- 1.41)
*10	SANDLE 3		f	h	c	f	2	0	551	9551	437	5322	0.70	(0.62- 0.79)
Subtotal	10												0.80	(0.72- 0.88)
*11	HUMBLE 1		f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
14	LAYARD 1		m	s	e	f	2	0	97	215	378	783	0.93	(0.71- 1.22)
14	LAYARD 9		f	s	e	f	2	0	455	961	459	969	1.00	(0.85- 1.17)
Subtotal	14												0.98	(0.86- 1.13)
*15	LEVOIS 1		m	s	e	f	2	2	-	-	-	-	0.97	(0.90- 1.05)
*15	LEVOIS 6		f	s	e	f	2	2	-	-	-	-	1.03	(0.98- 1.08)
Subtotal	15												1.01	(0.97- 1.06)
17	MUSCAT 1		m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
17	MUSCAT 2		f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
Subtotal	17												1.36	(0.80- 2.30)
*19	STEENL 3		m	s	e	f	2	12	-	-	-	-	1.09	(0.98- 1.21)
*19	STEENL 4		f	s	e	f	2	13	-	-	-	-	1.04	(0.93- 1.16)
Subtotal	19												1.07	(0.99- 1.15)
*21	KAWACH 11		f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
26	IRIBAR 4		m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
26	IRIBAR 19		f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
Subtotal	26												1.17	(1.09- 1.26)
*29	ENSTRO 8		m	s	e	f	2	1	-	-	-	-	0.94	(0.85- 1.05)
*29	ENSTRO 24		f	s	e	f	2	1	-	-	-	-	1.01	(0.94- 1.08)
Subtotal	29												0.99	(0.93- 1.05)
Partial Totals									1331	23384	1698	54308		
*prospective study														

Europe

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
3	LEE 1		m	s	m	n	2	0	15	40	26	93	1.34	(0.64- 2.80)
3	LEE 3		f	s	m	n	2	0	55	229	22	89	0.97	(0.56- 1.69)
Subtotal	3												1.09	(0.70- 1.70)
*8	HOLE 3		m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
*8	HOLE 2		f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
Subtotal	8												1.70	(1.10- 2.63)
13	LAVECC 2		m	s	e	n	2	0	9	21	55	140	1.09	(0.47- 2.53)
13	LAVECC 1		f	s	e	n	2	0	32	39	11	17	1.27	(0.52- 3.09)
Subtotal	13												1.17	(0.64- 2.16)
18	TUNSTA 1		c	t	c	n	2	0	329	1216	99	483	1.32	(1.03- 1.69)
27	ROSENL 1		m	s	e	n	2	0	53	113	141	285	0.95	(0.65- 1.39)
27	ROSENL 13		f	s	e	n	2	0	65	119	59	144	1.33	(0.87- 2.05)
Subtotal	27												1.10	(0.83- 1.47)
28	PITSAV 9		c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
30	CHEN 10		c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
Partial Totals									558	1777	413	1251		
*prospective study														

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 6
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By continent - unadjusted

Asia

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
*1	HIRAYA 3		f	s	e	f	2	0	376	69645	118	21895	1.00	(0.82- 1.23)
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
25	HE 1		f	s	e	n	2	0	76	95	39	113	2.32	(1.44- 3.72)
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
33	MCGHEE 5		m	h	p	f	2	0	74	71	285	347	1.27	(0.88- 1.82)
33	MCGHEE 6		f	h	p	f	2	0	113	150	112	195	1.31	(0.94- 1.84)
Subtotal 33													1.29	(1.01- 1.65)
Partial Totals									702	70061	691	22850		
*prospective study														

Other

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
9	JACKSO 3		m	h	c	b	2	0	-	-	-	-	1.10	(0.40- 3.00)
9	JACKSO 1		f	h	c	b	2	0	-	-	-	-	4.00	(1.35- 13.10)
Subtotal 9													1.94	(0.91- 4.13)
12	DOBSON 3		m	h	c	b	2	0	22	34	161	259	1.04	(0.59- 1.84)
12	DOBSON 1		f	h	c	b	2	0	43	99	117	433	1.61	(1.06- 2.43)
Subtotal 12													1.39	(0.99- 1.93)
22	CIRUZZ 5		m	s	c	n	2	0	15	22	141	206	1.00	(0.50- 1.99)
22	CIRUZZ 6		f	s	c	n	2	0	29	25	151	193	1.48	(0.83- 2.64)
Subtotal 22													1.26	(0.81- 1.96)
23	MCELDU 3		m	t	c	b	2	0	53	172	145	373	0.79	(0.55- 1.14)
23	MCELDU 1		f	t	c	b	2	0	31	147	54	479	1.87	(1.16- 3.02)
Subtotal 23													1.08	(0.81- 1.45)
Partial Totals									193	499	769	1943		
*prospective study														

Relative risks	NAmerica		Europe	Asia	Other	Total
	N	NS				
	20	13	11	6	8	45
			7	5	4	29
	Wt	5479.62	195.21	203.76	106.75	5985.34
	Het Chi	77.44	5.25	13.67	15.45	130.40
	Het df	19	10	5	7	44
	Het P	***	N.S.	*	*	***
	Fixed RR	1.02	1.26	1.24	1.25	1.04
	RRl	1.00	1.09	1.08	1.04	1.02
	RRu	1.05	1.45	1.43	1.51	1.07
	P	(+)	++	++	+	++
	Random RR	1.05	1.26	1.40	1.31	1.13
	RRl	0.98	1.09	1.08	0.97	1.06
	RRu	1.12	1.45	1.80	1.78	1.20
	P	N.S.	++	++	(+)	+++
	Asymm P	N.S.	N.S.	*	N.S.	***
	Between Chi		8.04	7.42	4.20	18.59
	Between df		1	1	1	3
	Between P		++	++	+	***

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 7
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By publication year (grouped) - adjusted

1984-88

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA 6		f	s	e	f	2	1	-	-	-	-	1.16 (0.94- 1.43)	
*2	GARLAN 5		f	s	e	f	2	5	-	-	-	-	2.70 (0.63- 11.58)	
3	LEE 2		m	s	m	n	2	2	-	-	-	-	1.24 (0.59- 2.59)	
3	LEE 4		f	s	m	n	2	2	-	-	-	-	0.93 (0.54- 1.61)	
Subtotal 3													1.03 (0.66- 1.60)	
4	MARTIN 1		f	s	e	n	2	6	-	-	-	-	2.60 (1.20- 5.70)	
*5	SVENDS 2		m	s	c	b	2	6	-	-	-	-	1.61 (0.96- 2.71)	
*6	BUTLER 2		f	s	e	f	2	1	-	-	-	-	1.07 (0.65- 1.75)	
Partial Totals									0	0	0	0		
*prospective study														

1989-92

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*8	HOLE 3		m	h	e	f	2	5	-	-	-	-	1.73 (1.01- 2.96)	
*8	HOLE 2		f	h	e	f	2	5	-	-	-	-	1.65 (0.79- 3.46)	
Subtotal 8													1.70 (1.10- 2.63)	
9	JACKSO 4		m	h	c	b	2	2	-	-	-	-	1.06 (0.39- 2.91)	
9	JACKSO 2		f	h	c	b	2	2	-	-	-	-	3.74 (1.15- 12.19)	
Subtotal 9													1.80 (0.84- 3.87)	
*10	SANDLE 2		m	h	c	f	2	4	-	-	-	-	1.31 (1.05- 1.64)	
*10	SANDLE 4		f	h	c	f	2	4	-	-	-	-	1.19 (1.04- 1.36)	
Subtotal 10													1.22 (1.09- 1.37)	
*11	HUMBLE 1		f	s	c	f	8	4	-	-	-	-	1.59 (0.99- 2.57)	
12	DOBSON 4		m	h	c	b	2	2	-	-	-	-	0.97 (0.50- 1.86)	
12	DOBSON 2		f	h	c	b	2	2	-	-	-	-	2.46 (1.47- 4.13)	
Subtotal 12													1.72 (1.15- 2.59)	
13	LAVECC 2		m	s	e	n	2	0	9	21	55	140	1.09 (0.47- 2.53)	
13	LAVECC 1		f	s	e	n	2	0	32	39	11	17	1.27 (0.52- 3.09)	
Subtotal 13													1.17 (0.64- 2.16)	
Partial Totals									41	60	66	157		
*prospective study														

1993-96

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
14	LAYARD 2		m	s	e	f	2	2	-	-	-	-	0.97 (0.73- 1.28)	
14	LAYARD 10		f	s	e	f	2	2	-	-	-	-	0.99 (0.84- 1.16)	
Subtotal 14													0.98 (0.86- 1.13)	
*15	LEVOIS 1		m	s	e	f	2	2	-	-	-	-	0.97 (0.90- 1.05)	
*15	LEVOIS 6		f	s	e	f	2	2	-	-	-	-	1.03 (0.98- 1.08)	
Subtotal 15													1.01 (0.97- 1.06)	
17	MUSCAT 1		m	s	e	n	2	0	20	25	48	83	1.38 (0.70- 2.75)	
17	MUSCAT 2		f	s	e	n	2	0	28	27	18	23	1.33 (0.59- 2.99)	
Subtotal 17													1.36 (0.80- 2.30)	
18	TUNSTA 2		c	t	c	n	2	4	-	-	-	-	1.34 (1.07- 1.67)	
*19	STEENL 3		m	s	e	f	2	12	-	-	-	-	1.09 (0.98- 1.21)	
*19	STEENL 4		f	s	e	f	2	13	-	-	-	-	1.04 (0.93- 1.16)	
Subtotal 19													1.07 (0.99- 1.15)	
Partial Totals									48	52	66	106		
*prospective study														

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 7
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By publication year (grouped) - adjusted

1997-00

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
*21	KAWACH 11		f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
22	CIRUZZ 7		m	s	c	n	2	9	-	-	-	-	1.18	(0.55- 2.52)
22	CIRUZZ 8		f	s	c	n	2	9	-	-	-	-	1.73	(0.89- 3.36)
Subtotal	22												1.47	(0.89- 2.42)
23	MCELDU 4		m	t	c	b	2	4	-	-	-	-	0.82	(0.55- 1.22)
23	MCELDU 2		f	t	c	b	2	4	-	-	-	-	2.15	(1.18- 3.92)
Subtotal	23												1.10	(0.79- 1.53)
25	HE 2		f	s	e	n	2	6	-	-	-	-	1.60	(0.94- 2.90)
Partial Totals									63	100	137	300		

*prospective study

2001-

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
26	IRIBAR 4		m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
26	IRIBAR 19		f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
Subtotal	26												1.17	(1.09- 1.26)
27	ROSENL 2		m	s	e	n	2	8	-	-	-	-	0.96	(0.64- 1.44)
27	ROSENL 14		f	s	e	n	2	8	-	-	-	-	1.53	(0.95- 2.44)
Subtotal	27												1.17	(0.86- 1.59)
28	PITSAV 9		c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
*29	ENSTRO 16		m	s	e	f	2	8	-	-	-	-	0.93	(0.83- 1.04)
*29	ENSTRO 32		f	s	e	f	2	8	-	-	-	-	0.99	(0.92- 1.08)
Subtotal	29												0.97	(0.91- 1.03)
30	CHEN 10		c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
33	MCGHEE 1		m	h	p	f	2	2	-	-	-	-	1.30	(0.88- 1.93)
33	MCGHEE 2		f	h	p	f	2	2	-	-	-	-	1.39	(0.95- 2.04)
Subtotal	33												1.35	(1.02- 1.77)
Partial Totals									0	0	0	0		

*prospective study

Relative risks	1984-88	1989-92	1993-96	1997-00	2001-	Total
N	7	11	9	7	11	45
NS	6	6	5	5	7	29
Wt	145.27	368.15	3222.30	99.15	1796.62	5631.50
Het Chi	7.31	13.86	10.32	9.45	26.92	92.97
Het df	6	10	8	6	10	44
Het P	N.S.	N.S.	N.S.	N.S.	**	***
Fixed RR	1.22	1.29	1.03	1.32	1.08	1.07
RRl	1.04	1.17	0.99	1.09	1.03	1.04
RRu	1.44	1.43	1.07	1.61	1.13	1.10
P	+	+++	(+)	++	++	+++
Random RR	1.26	1.39	1.04	1.37	1.12	1.15
RRl	1.02	1.18	0.99	1.06	1.02	1.09
RRu	1.55	1.64	1.08	1.77	1.24	1.21
P	+	+++	N.S.	+	+	+++
Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.	***
Between Chi		0.33	4.11	0.36	2.22	25.11
Between df		1	1	1	1	4
Between P		N.S.	-	N.S.	N.S.	***

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 8
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By publication year (grouped) - unadjusted

1984-88

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
*1	HIRAYA	3	f	s	e	f	2	0	376	69645	118	21895	1.00	(0.82- 1.23)
*2	GARLAN	1	f	s	e	f	2	0	17	492	2	203	3.51	(0.82- 15.04)
3	LEE	1	m	s	m	n	2	0	15	40	26	93	1.34	(0.64- 2.80)
3	LEE	3	f	s	m	n	2	0	55	229	22	89	0.97	(0.56- 1.69)
Subtotal 3													1.09	(0.70- 1.70)
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
*5	SVENDS	1	m	s	c	b	2	0	21	286	48	959	1.47	(0.89- 2.41)
*6	BUTLER	1	f	s	e	f	2	0	20	10579	60	43052	1.36	(0.82- 2.25)
Partial Totals									504	81271	276	66291		
*prospective study														

1989-92

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
Subtotal 8													1.70	(1.10- 2.63)
9	JACKSO	3	m	h	c	b	2	0	-	-	-	-	1.10	(0.40- 3.00)
9	JACKSO	1	f	h	c	b	2	0	-	-	-	-	4.00	(1.35- 13.10)
Subtotal 9													1.94	(0.91- 4.13)
*10	SANDLE	1	m	h	c	f	2	0	122	1248	248	2914	1.15	(0.93- 1.41)
*10	SANDLE	3	f	h	c	f	2	0	551	9551	437	5322	0.70	(0.62- 0.79)
Subtotal 10													0.80	(0.72- 0.88)
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
12	DOBSON	3	m	h	c	b	2	0	22	34	161	259	1.04	(0.59- 1.84)
12	DOBSON	1	f	h	c	b	2	0	43	99	117	433	1.61	(1.06- 2.43)
Subtotal 12													1.39	(0.99- 1.93)
13	LAVECC	2	m	s	e	n	2	0	9	21	55	140	1.09	(0.47- 2.53)
13	LAVECC	1	f	s	e	n	2	0	32	39	11	17	1.27	(0.52- 3.09)
Subtotal 13													1.17	(0.64- 2.16)
Partial Totals									779	10992	1029	9085		
*prospective study														

1993-96

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
14	LAYARD	1	m	s	e	f	2	0	97	215	378	783	0.93	(0.71- 1.22)
14	LAYARD	9	f	s	e	f	2	0	455	961	459	969	1.00	(0.85- 1.17)
Subtotal 14													0.98	(0.86- 1.13)
*15	LEVOIS	1	m	s	e	f	2	2	-	-	-	-	0.97	(0.90- 1.05)
*15	LEVOIS	6	f	s	e	f	2	2	-	-	-	-	1.03	(0.98- 1.08)
Subtotal 15													1.01	(0.97- 1.06)
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
Subtotal 17													1.36	(0.80- 2.30)
18	TUNSTA	1	c	t	c	n	2	0	329	1216	99	483	1.32	(1.03- 1.69)
*19	STEENL	3	m	s	e	f	2	12	-	-	-	-	1.09	(0.98- 1.21)
*19	STEENL	4	f	s	e	f	2	13	-	-	-	-	1.04	(0.93- 1.16)
Subtotal 19													1.07	(0.99- 1.15)
Partial Totals									929	2444	1002	2341		
*prospective study														

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 8
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By publication year (grouped) - unadjusted

1997-00

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38 (0.95- 2.01)	
*21	KAWACH 11		f	h	c	b	2	15	-	-	-	-	1.53 (0.81- 2.90)	
22	CIRUZZ 5		m	s	c	n	2	0	15	22	141	206	1.00 (0.50- 1.99)	
22	CIRUZZ 6		f	s	c	n	2	0	29	25	151	193	1.48 (0.83- 2.64)	
Subtotal 22														
23	MCELDU 3		m	t	c	b	2	0	53	172	145	373	0.79 (0.55- 1.14)	
23	MCELDU 1		f	t	c	b	2	0	31	147	54	479	1.87 (1.16- 3.02)	
Subtotal 23														
25	HE 1		f	s	e	n	2	0	76	95	39	113	2.32 (1.44- 3.72)	
Partial Totals									267	561	667	1664		
*prospective study														

2001-

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
26	IRIBAR 4		m	h	c	n	2	11	-	-	-	-	1.13 (1.00- 1.27)	
26	IRIBAR 19		f	h	c	n	2	11	-	-	-	-	1.20 (1.09- 1.30)	
Subtotal 26														
27	ROSENL 1		m	s	e	n	2	0	53	113	141	285	0.95 (0.65- 1.39)	
27	ROSENL 13		f	s	e	n	2	0	65	119	59	144	1.33 (0.87- 2.05)	
Subtotal 27														
28	PITSAV 9		c	h	c	n	a	6	-	-	-	-	1.33 (0.89- 1.99)	
*29	ENSTRO 8		m	s	e	f	2	1	-	-	-	-	0.94 (0.85- 1.05)	
*29	ENSTRO 24		f	s	e	f	2	1	-	-	-	-	1.01 (0.94- 1.08)	
Subtotal 29														
30	CHEN 10		c	h	c	n	2	10	-	-	-	-	1.20 (0.70- 2.20)	
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38 (1.04- 5.42)	
33	MCGHEE 5		m	h	p	f	2	0	74	71	285	347	1.27 (0.88- 1.82)	
33	MCGHEE 6		f	h	p	f	2	0	113	150	112	195	1.31 (0.94- 1.84)	
Subtotal 33														
Partial Totals									305	453	597	971		
*prospective study														

Relative risks	1984-88		1989-92		1993-96		1997-00		2001-		Total	
	N	NS	7	6	11	6	9	5	7	5	11	7
Wt	148.83		441.28		3218.94		119.63		2056.66		5985.34	
Het Chi	10.05		50.58		9.01		16.09		24.26		130.40	
Het df	6		10		8		6		10		44	
Het P	N.S.		***		N.S.		*		**		***	
Fixed RR	1.15		0.90		1.03		1.35		1.07		1.04	
RRl	0.98		0.82		0.99		1.13		1.03		1.02	
RRu	1.35		0.99		1.06		1.61		1.12		1.07	
P (+)			-		N.S.		++		++		++	
Random RR	1.29		1.29		1.03		1.40		1.11		1.13	
RRl	1.00		0.96		0.99		1.03		1.02		1.06	
RRu	1.68		1.74		1.07		1.89		1.22		1.20	
P (+)			(+)		N.S.		+		+		+++	
Asymm P	*		**		N.S.		N.S.		N.S.		***	
Between Chi			6.40		1.79		1.64		0.67		20.41	
Between df			1		1		1		1		4	
Between P			-		N.S.		N.S.		N.S.		***	

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 9
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By number of heart disease cases (grouped) - adjusted

1-99

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*2	GARLAN	5	f	s	e	f	2	5	-	-	-	-	2.70	(0.63- 11.58)
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
*5	SVENDS	2	m	s	c	b	2	6	-	-	-	-	1.61	(0.96- 2.71)
*6	BUTLER	2	f	s	e	f	2	1	-	-	-	-	1.07	(0.65- 1.75)
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
31	NISHTA	3	c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
Partial Totals									0	0	0	0		

*prospective study

100-199

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
3	LEE	2	m	s	m	n	2	2	-	-	-	-	1.24	(0.59- 2.59)
3	LEE	4	f	s	m	n	2	2	-	-	-	-	0.93	(0.54- 1.61)
Subtotal 3													1.03	(0.66- 1.60)
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
Subtotal 8													1.70	(1.10- 2.63)
13	LAVECC	2	m	s	e	n	2	0	9	21	55	140	1.09	(0.47- 2.53)
13	LAVECC	1	f	s	e	n	2	0	32	39	11	17	1.27	(0.52- 3.09)
Subtotal 13													1.17	(0.64- 2.16)
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
Subtotal 17													1.36	(0.80- 2.30)
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
25	HE	2	f	s	e	n	2	6	-	-	-	-	1.60	(0.94- 2.90)
Partial Totals									89	112	132	263		

*prospective study

200-999

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA	6	f	s	e	f	2	1	-	-	-	-	1.16	(0.94- 1.43)
9	JACKSO	4	m	h	c	b	2	2	-	-	-	-	1.06	(0.39- 2.91)
9	JACKSO	2	f	h	c	b	2	2	-	-	-	-	3.74	(1.15- 12.19)
Subtotal 9													1.20	(0.98- 1.46)
12	DOBSON	4	m	h	c	b	2	2	-	-	-	-	0.97	(0.50- 1.86)
12	DOBSON	2	f	h	c	b	2	2	-	-	-	-	2.46	(1.47- 4.13)
Subtotal 12													1.72	(1.15- 2.59)
18	TUNSTA	2	c	t	c	n	2	4	-	-	-	-	1.34	(1.07- 1.67)
20	JANGHO	1	f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
22	CIRUZZ	7	m	s	c	n	2	9	-	-	-	-	1.18	(0.55- 2.52)
22	CIRUZZ	8	f	s	c	n	2	9	-	-	-	-	1.73	(0.89- 3.36)
Subtotal 22													1.47	(0.89- 2.42)
23	MCELDU	4	m	t	c	b	2	4	-	-	-	-	0.82	(0.55- 1.22)
23	MCELDU	2	f	t	c	b	2	4	-	-	-	-	2.15	(1.18- 3.92)
Subtotal 23													1.10	(0.79- 1.53)
27	ROSENL	2	m	s	e	n	2	8	-	-	-	-	0.96	(0.64- 1.44)
27	ROSENL	14	f	s	e	n	2	8	-	-	-	-	1.53	(0.95- 2.44)
Subtotal 27													1.17	(0.86- 1.59)
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
33	MCGHEE	1	m	h	p	f	2	2	-	-	-	-	1.30	(0.88- 1.93)
33	MCGHEE	2	f	h	p	f	2	2	-	-	-	-	1.39	(0.95- 2.04)
Subtotal 33													1.35	(1.02- 1.77)
Partial Totals									63	100	137	300		

*prospective study

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 9
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By number of heart disease cases (grouped) - adjusted

1000+

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*10	SANDLE	2	m	h	c	f	2	4	-	-	-	-	1.31 (1.05- 1.64)	
*10	SANDLE	4	f	h	c	f	2	4	-	-	-	-	1.19 (1.04- 1.36)	
Subtotal 10													1.22 (1.09- 1.37)	
14	LAYARD	2	m	s	e	f	2	2	-	-	-	-	0.97 (0.73- 1.28)	
14	LAYARD	10	f	s	e	f	2	2	-	-	-	-	0.99 (0.84- 1.16)	
Subtotal 14													0.98 (0.86- 1.13)	
*15	LEVOIS	1	m	s	e	f	2	2	-	-	-	-	0.97 (0.90- 1.05)	
*15	LEVOIS	6	f	s	e	f	2	2	-	-	-	-	1.03 (0.98- 1.08)	
Subtotal 15													1.01 (0.97- 1.06)	
*19	STEENL	3	m	s	e	f	2	12	-	-	-	-	1.09 (0.98- 1.21)	
*19	STEENL	4	f	s	e	f	2	13	-	-	-	-	1.04 (0.93- 1.16)	
Subtotal 19													1.07 (0.99- 1.15)	
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13 (1.00- 1.27)	
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20 (1.09- 1.30)	
Subtotal 26													1.17 (1.09- 1.26)	
*29	ENSTRO	16	m	s	e	f	2	8	-	-	-	-	0.93 (0.83- 1.04)	
*29	ENSTRO	32	f	s	e	f	2	8	-	-	-	-	0.99 (0.92- 1.08)	
Subtotal 29													0.97 (0.91- 1.03)	
Partial Totals									0	0	0	0		
*prospective study														

Relative risks	1-99		100-199		200-999		1000+		Total	
	N	NS	6	6	10	6	17	11	12	6
Wt	60.60		86.02		399.60		5085.28		5631.50	
Het Chi	5.41		3.69		22.54		29.77		92.97	
Het df	5		9		16		11		44	
Het P	N.S.		N.S.		N.S.		**		***	
Fixed RR	1.60		1.37		1.29		1.04		1.07	
RRl	1.24		1.11		1.17		1.02		1.04	
RRu	2.06		1.69		1.42		1.07		1.10	
P	+++		++		+++		++		+++	
Random RR	1.61		1.37		1.31		1.06		1.15	
RRl	1.24		1.11		1.15		1.00		1.09	
RRu	2.10		1.69		1.49		1.11		1.21	
P	+++		++		+++		+		+++	
Asymm P	N.S.		N.S.		N.S.		N.S.		***	
Between Chi			0.86		2.48		10.85		31.55	
Between df			1		1		1		3	
Between P			N.S.		N.S.		---		***	

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 10
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By study type - adjusted

case-control

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
3	LEE	2	m	s	m	n	2	2	-	-	-	-	1.24	(0.59- 2.59)
3	LEE	4	f	s	m	n	2	2	-	-	-	-	0.93	(0.54- 1.61)
Subtotal 3													1.03	(0.66- 1.60)
9	JACKSO	4	m	h	c	b	2	2	-	-	-	-	1.06	(0.39- 2.91)
9	JACKSO	2	f	h	c	b	2	2	-	-	-	-	3.74	(1.15- 12.19)
Subtotal 9													1.80	(0.84- 3.87)
12	DOBSON	4	m	h	c	b	2	2	-	-	-	-	0.97	(0.50- 1.86)
12	DOBSON	2	f	h	c	b	2	2	-	-	-	-	2.46	(1.47- 4.13)
Subtotal 12													1.72	(1.15- 2.59)
13	LAVECC	2	m	s	e	n	2	0	9	21	55	140	1.09	(0.47- 2.53)
13	LAVECC	1	f	s	e	n	2	0	32	39	11	17	1.27	(0.52- 3.09)
Subtotal 13													1.17	(0.64- 2.16)
14	LAYARD	2	m	s	e	f	2	2	-	-	-	-	0.97	(0.73- 1.28)
14	LAYARD	10	f	s	e	f	2	2	-	-	-	-	0.99	(0.84- 1.16)
Subtotal 14													0.98	(0.86- 1.13)
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
Subtotal 17													1.36	(0.80- 2.30)
20	JANGHO	1	f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
22	CIRUZZ	7	m	s	c	n	2	9	-	-	-	-	1.18	(0.55- 2.52)
22	CIRUZZ	8	f	s	c	n	2	9	-	-	-	-	1.73	(0.89- 3.36)
Subtotal 22													1.47	(0.89- 2.42)
23	MCELDU	4	m	t	c	b	2	4	-	-	-	-	0.82	(0.55- 1.22)
23	MCELDU	2	f	t	c	b	2	4	-	-	-	-	2.15	(1.18- 3.92)
Subtotal 23													1.10	(0.79- 1.53)
25	HE	2	f	s	e	n	2	6	-	-	-	-	1.60	(0.94- 2.90)
27	ROSENL	2	m	s	e	n	2	8	-	-	-	-	0.96	(0.64- 1.44)
27	ROSENL	14	f	s	e	n	2	8	-	-	-	-	1.53	(0.95- 2.44)
Subtotal 27													1.17	(0.86- 1.59)
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
31	NISHTA	3	c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
33	MCGHEE	1	m	h	p	f	2	2	-	-	-	-	1.30	(0.88- 1.93)
33	MCGHEE	2	f	h	p	f	2	2	-	-	-	-	1.39	(0.95- 2.04)
Subtotal 33													1.35	(1.02- 1.77)
Partial Totals									152	212	269	563		

*prospective study

prospective

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
*1	HIRAYA	6	f	s	e	f	2	1	-	-	-	-	1.16	(0.94- 1.43)
*2	GARLAN	5	f	s	e	f	2	5	-	-	-	-	2.70	(0.63- 11.58)
*5	SVENDS	2	m	s	c	b	2	6	-	-	-	-	1.61	(0.96- 2.71)
*6	BUTLER	2	f	s	e	f	2	1	-	-	-	-	1.07	(0.65- 1.75)
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
Subtotal 8													1.70	(1.10- 2.63)
*10	SANDLE	2	m	h	c	f	2	4	-	-	-	-	1.31	(1.05- 1.64)
*10	SANDLE	4	f	h	c	f	2	4	-	-	-	-	1.19	(1.04- 1.36)
Subtotal 10													1.22	(1.09- 1.37)
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
*15	LEVOIS	1	m	s	e	f	2	2	-	-	-	-	0.97	(0.90- 1.05)
*15	LEVOIS	6	f	s	e	f	2	2	-	-	-	-	1.03	(0.98- 1.08)
Subtotal 15													1.01	(0.97- 1.06)
*19	STEENL	3	m	s	e	f	2	12	-	-	-	-	1.09	(0.98- 1.21)
*19	STEENL	4	f	s	e	f	2	13	-	-	-	-	1.04	(0.93- 1.16)
Subtotal 19													1.07	(0.99- 1.15)
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
*29	ENSTRO	16	m	s	e	f	2	8	-	-	-	-	0.93	(0.83- 1.04)
*29	ENSTRO	32	f	s	e	f	2	8	-	-	-	-	0.99	(0.92- 1.08)
Subtotal 29													0.97	(0.91- 1.03)
Partial Totals									0	0	0	0		

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 10
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By study type - adjusted

prospective

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
*prospective study														

crosssectional

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
18	TUNSTA	2	c	t	c	n	2	4	-	-	-	-	1.34	(1.07- 1.67)
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
Subtotal 26														
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.17	(1.09- 1.26)
Partial Totals														
*prospective study									0	0	0	0		

Relative risks

	case-con	prospect	crosssec	Total
N	24	16	5	45
NS	14	11	4	29
Wt	481.14	4290.80	859.56	5631.50
Het Chi	35.64	31.98	5.69	92.97
Het df	23	15	4	44
Het P	*	**	N.S.	***
Fixed RR	1.17	1.03	1.20	1.07
RRl	1.07	1.00	1.12	1.04
RRu	1.28	1.07	1.28	1.10
P	+++	+	+++	+++
Random RR	1.26	1.07	1.21	1.15
RRl	1.11	1.01	1.10	1.09
RRu	1.43	1.13	1.33	1.21
P	+++	+	+++	+++
Asymm P	**	**	N.S.	***
Between Chi		6.88	0.11	19.66
Between df		1	1	2
Between P		--	N.S.	***

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 11
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By total number of confounders considered in the study (grouped) - adjusted

0-2										Numbers					
StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
*1	HIRAYA	6	f	s	e	f	2	1	-	-	-	-	1.16 (0.94-	1.43)	
3	LEE	2	m	s	m	n	2	2	-	-	-	-	1.24 (0.59-	2.59)	
3	LEE	4	f	s	m	n	2	2	-	-	-	-	0.93 (0.54-	1.61)	
Subtotal 3									-	-	-	-	1.13 (0.94-	1.37)	
*6	BUTLER	2	f	s	e	f	2	1	-	-	-	-	1.07 (0.65-	1.75)	
14	LAYARD	2	m	s	e	f	2	2	-	-	-	-	0.97 (0.73-	1.28)	
14	LAYARD	10	f	s	e	f	2	2	-	-	-	-	0.99 (0.84-	1.16)	
Subtotal 14									-	-	-	-	0.98 (0.86-	1.13)	
*15	LEVOIS	1	m	s	e	f	2	2	-	-	-	-	0.97 (0.90-	1.05)	
*15	LEVOIS	6	f	s	e	f	2	2	-	-	-	-	1.03 (0.98-	1.08)	
Subtotal 15									-	-	-	-	1.01 (0.97-	1.06)	
20	JANGHO	1	f	s	e	n	2	0	63	100	137	300	1.38 (0.95-	2.01)	
31	NISHTA	3	c	s	e	n	1	1	-	-	-	-	2.38 (1.04-	5.42)	
33	MCGHEE	1	m	h	p	f	2	2	-	-	-	-	1.30 (0.88-	1.93)	
33	MCGHEE	2	f	h	p	f	2	2	-	-	-	-	1.39 (0.95-	2.04)	
Subtotal 33									-	-	-	-	1.35 (1.02-	1.77)	
Partial Totals									63	100	137	300			
*prospective study															

3-4										Numbers					
StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
*10	SANDLE	2	m	h	c	f	2	4	-	-	-	-	1.31 (1.05-	1.64)	
*10	SANDLE	4	f	h	c	f	2	4	-	-	-	-	1.19 (1.04-	1.36)	
Subtotal 10									-	-	-	-	1.22 (1.09-	1.37)	
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59 (0.99-	2.57)	
12	DOBSON	4	m	h	c	b	2	2	-	-	-	-	0.97 (0.50-	1.86)	
12	DOBSON	2	f	h	c	b	2	2	-	-	-	-	2.46 (1.47-	4.13)	
Subtotal 12									-	-	-	-	1.72 (1.15-	2.59)	
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38 (0.70-	2.75)	
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33 (0.59-	2.99)	
Subtotal 17									28	27	18	23	1.36 (0.80-	2.30)	
18	TUNSTA	2	c	t	c	n	2	4	-	-	-	-	1.34 (1.07-	1.67)	
23	MCELDU	4	m	t	c	b	2	4	-	-	-	-	0.82 (0.55-	1.22)	
23	MCELDU	2	f	t	c	b	2	4	-	-	-	-	2.15 (1.18-	3.92)	
Subtotal 23									-	-	-	-	1.10 (0.79-	1.53)	
Partial Totals									48	52	66	106			
*prospective study															

5+										Numbers					
StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
*2	GARLAN	5	f	s	e	f	2	5	-	-	-	-	2.70 (0.63-	11.58)	
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60 (1.20-	5.70)	
*5	SVENDS	2	m	s	c	b	2	6	-	-	-	-	1.61 (0.96-	2.71)	
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73 (1.01-	2.96)	
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65 (0.79-	3.46)	
Subtotal 8									-	-	-	-	1.70 (1.10-	2.63)	
9	JACKSO	4	m	h	c	b	2	2	-	-	-	-	1.06 (0.39-	2.91)	
9	JACKSO	2	f	h	c	b	2	2	-	-	-	-	3.74 (1.15-	12.19)	
Subtotal 9									-	-	-	-	1.80 (0.84-	3.87)	
13	LAVECC	2	m	s	e	n	2	0	9	21	55	140	1.09 (0.47-	2.53)	
13	LAVECC	1	f	s	e	n	2	0	32	39	11	17	1.27 (0.52-	3.09)	
Subtotal 13									32	39	11	17	1.17 (0.64-	2.16)	
*19	STEENL	3	m	s	e	f	2	12	-	-	-	-	1.09 (0.98-	1.21)	
*19	STEENL	4	f	s	e	f	2	13	-	-	-	-	1.04 (0.93-	1.16)	
Subtotal 19									-	-	-	-	1.07 (0.99-	1.15)	
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53 (0.81-	2.90)	
22	CIRUZZ	7	m	s	c	n	2	9	-	-	-	-	1.18 (0.55-	2.52)	
22	CIRUZZ	8	f	s	c	n	2	9	-	-	-	-	1.73 (0.89-	3.36)	

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 11
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By total number of confounders considered in the study (grouped) - adjusted

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers		RR	95.00%CI	
									Case	Cont			
Subtotal	22										1.47 (0.89- 2.42)		
25	HE	2	f	s	e	n	2	6	-	-	-	-	1.60 (0.94- 2.90)
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13 (1.00- 1.27)
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20 (1.09- 1.30)
Subtotal	26												1.17 (1.09- 1.26)
27	ROSENL	2	m	s	e	n	2	8	-	-	-	-	0.96 (0.64- 1.44)
27	ROSENL	14	f	s	e	n	2	8	-	-	-	-	1.53 (0.95- 2.44)
Subtotal	27												1.17 (0.86- 1.59)
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33 (0.89- 1.99)
*29	ENSTRO	16	m	s	e	f	2	8	-	-	-	-	0.93 (0.83- 1.04)
*29	ENSTRO	32	f	s	e	f	2	8	-	-	-	-	0.99 (0.92- 1.08)
Subtotal	29												0.97 (0.91- 1.03)
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20 (0.70- 2.20)
Partial Totals									41	60	66	157	
*prospective study													
Relative risks					0-2	3-4	5+	Total					
			N		12	10	23	45					
			NS		8	6	15	29					
			Wt	2677.56	457.35	2496.59	5631.50						
			Het Chi	14.34	16.65	43.64	92.97						
			Het df	11	9	22	44						
			Het P	N.S.	(*)	**	***						
Fixed			RR	1.03	1.27	1.08	1.07						
			RRl	0.99	1.16	1.04	1.04						
			RRu	1.07	1.39	1.13	1.10						
			P	N.S.	+++	+++	+++						
Random			RR	1.04	1.32	1.14	1.15						
			RRl	0.98	1.13	1.06	1.09						
			RRu	1.11	1.55	1.24	1.21						
			P	N.S.	+++	+++	+++						
Asymm			P	*	N.S.	**	***						
Between			Chi		17.60	3.77	18.34						
			df		1	1	2						
			P		+++	(+)	***						

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 12
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By any study results available on dose-response or not - adjusted

none

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
*2	GARLAN	5	f	s	e	f	2	5	-	-	-	-	2.70	(0.63- 11.58)
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
*6	BUTLER	2	f	s	e	f	2	1	-	-	-	-	1.07	(0.65- 1.75)
*10	SANDLE	2	m	h	c	f	2	4	-	-	-	-	1.31	(1.05- 1.64)
*10	SANDLE	4	f	h	c	f	2	4	-	-	-	-	1.19	(1.04- 1.36)
Subtotal 10													1.22	(1.09- 1.37)
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
12	DOBSON	4	m	h	c	b	2	2	-	-	-	-	0.97	(0.50- 1.86)
12	DOBSON	2	f	h	c	b	2	2	-	-	-	-	2.46	(1.47- 4.13)
Subtotal 12													1.72	(1.15- 2.59)
23	MCELDU	4	m	t	c	b	2	4	-	-	-	-	0.82	(0.55- 1.22)
23	MCELDU	2	f	t	c	b	2	4	-	-	-	-	2.15	(1.18- 3.92)
Subtotal 23													1.10	(0.79- 1.53)
Partial Totals									0	0	0	0		
*prospective study														

results given

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
*1	HIRAYA	6	f	s	e	f	2	1	-	-	-	-	1.16	(0.94- 1.43)
3	LEE	2	m	s	m	n	2	2	-	-	-	-	1.24	(0.59- 2.59)
3	LEE	4	f	s	m	n	2	2	-	-	-	-	0.93	(0.54- 1.61)
Subtotal 3													1.13	(0.94- 1.37)
*5	SVENDS	2	m	s	c	b	2	6	-	-	-	-	1.61	(0.96- 2.71)
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
Subtotal 8													1.70	(1.10- 2.63)
9	JACKSO	4	m	h	c	b	2	2	-	-	-	-	1.06	(0.39- 2.91)
9	JACKSO	2	f	h	c	b	2	2	-	-	-	-	3.74	(1.15- 12.19)
Subtotal 9													1.80	(0.84- 3.87)
13	LAVECC	2	m	s	e	n	2	0	9	21	55	140	1.09	(0.47- 2.53)
13	LAVECC	1	f	s	e	n	2	0	32	39	11	17	1.27	(0.52- 3.09)
Subtotal 13													1.17	(0.64- 2.16)
14	LAYARD	2	m	s	e	f	2	2	-	-	-	-	0.97	(0.73- 1.28)
14	LAYARD	10	f	s	e	f	2	2	-	-	-	-	0.99	(0.84- 1.16)
Subtotal 14													0.98	(0.86- 1.13)
*15	LEVOIS	1	m	s	e	f	2	2	-	-	-	-	0.97	(0.90- 1.05)
*15	LEVOIS	6	f	s	e	f	2	2	-	-	-	-	1.03	(0.98- 1.08)
Subtotal 15													1.01	(0.97- 1.06)
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
Subtotal 17													1.36	(0.80- 2.30)
18	TUNSTA	2	c	t	c	n	2	4	-	-	-	-	1.34	(1.07- 1.67)
*19	STEENL	3	m	s	e	f	2	12	-	-	-	-	1.09	(0.98- 1.21)
*19	STEENL	4	f	s	e	f	2	13	-	-	-	-	1.04	(0.93- 1.16)
Subtotal 19													1.07	(0.99- 1.15)
20	JANGHO	1	f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
22	CIRUZZ	7	m	s	c	n	2	9	-	-	-	-	1.18	(0.55- 2.52)
22	CIRUZZ	8	f	s	c	n	2	9	-	-	-	-	1.73	(0.89- 3.36)
Subtotal 22													1.47	(0.89- 2.42)
25	HE	2	f	s	e	n	2	6	-	-	-	-	1.60	(0.94- 2.90)
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
Subtotal 26													1.17	(1.09- 1.26)
27	ROSENL	2	m	s	e	n	2	8	-	-	-	-	0.96	(0.64- 1.44)
27	ROSENL	14	f	s	e	n	2	8	-	-	-	-	1.53	(0.95- 2.44)
Subtotal 27													1.17	(0.86- 1.59)
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
*29	ENSTRO	16	m	s	e	f	2	8	-	-	-	-	0.93	(0.83- 1.04)
*29	ENSTRO	32	f	s	e	f	2	8	-	-	-	-	0.99	(0.92- 1.08)
Subtotal 29													0.97	(0.91- 1.03)

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 12

ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By any study results available on dose-response or not - adjusted

results given

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									exposed		Non-exposed			
									Case	Cont	Case	Cont		
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20 (0.70-	2.20)
31	NISHTA	3	c	s	e	n	1	1	-	-	-	-	2.38 (1.04-	5.42)
33	MCGHEE	1	m	h	p	f	2	2	-	-	-	-	1.30 (0.88-	1.93)
33	MCGHEE	2	f	h	p	f	2	2	-	-	-	-	1.39 (0.95-	2.04)
Subtotal 33													1.35 (1.02-	1.77)
Partial Totals									152	212	269	563		

*prospective study

Relative risks		none	no assoc	sig assoc	results	Total
	N	10			35	45
	NS	7			22	29
	Wt	389.66			5241.84	5631.50
	Het Chi	21.09			60.34	92.97
	Het df	9			34	44
	Het P	*			**	***
Fixed	RR	1.26			1.06	1.07
	RRl	1.14			1.03	1.04
	RRu	1.39			1.09	1.10
	P	+++			+++	+++
Random	RR	1.37			1.10	1.15
	RRl	1.12			1.05	1.09
	RRu	1.68			1.16	1.21
	P	++			+++	+++
Asymm	P	N.S.			***	***
Between	Chi				11.55	11.55
Between	df				1	1
Between	P		N.S.	N.S.	---	***

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 13
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By spouse the index or not - adjusted

										Numbers					
										Numbers exposed		Non-exposed			
StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI	
*1	HIRAYA	6	f	s	e	f	2	1	-	-	-	-	1.16	(0.94-	1.43)
*2	GARLAN	5	f	s	e	f	2	5	-	-	-	-	2.70	(0.63-	11.58)
3	LEE	2	m	s	m	n	2	2	-	-	-	-	1.24	(0.59-	2.59)
3	LEE	4	f	s	m	n	2	2	-	-	-	-	0.93	(0.54-	1.61)
Subtotal	3												1.03	(0.66-	1.60)
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60	(1.20-	5.70)
*5	SVENDS	2	m	s	c	b	2	6	-	-	-	-	1.61	(0.96-	2.71)
*6	BUTLER	2	f	s	e	f	2	1	-	-	-	-	1.07	(0.65-	1.75)
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59	(0.99-	2.57)
13	LAVECC	2	m	s	e	n	2	0	9	21	55	140	1.09	(0.47-	2.53)
13	LAVECC	1	f	s	e	n	2	0	32	39	11	17	1.27	(0.52-	3.09)
Subtotal	13												1.17	(0.64-	2.16)
14	LAYARD	2	m	s	e	f	2	2	-	-	-	-	0.97	(0.73-	1.28)
14	LAYARD	10	f	s	e	f	2	2	-	-	-	-	0.99	(0.84-	1.16)
Subtotal	14												0.98	(0.86-	1.13)
*15	LEVOIS	1	m	s	e	f	2	2	-	-	-	-	0.97	(0.90-	1.05)
*15	LEVOIS	6	f	s	e	f	2	2	-	-	-	-	1.03	(0.98-	1.08)
Subtotal	15												1.01	(0.97-	1.06)
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38	(0.70-	2.75)
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33	(0.59-	2.99)
Subtotal	17												1.36	(0.80-	2.30)
*19	STEENL	3	m	s	e	f	2	12	-	-	-	-	1.09	(0.98-	1.21)
*19	STEENL	4	f	s	e	f	2	13	-	-	-	-	1.04	(0.93-	1.16)
Subtotal	19												1.07	(0.99-	1.15)
20	JANGHO	1	f	s	e	n	2	0	63	100	137	300	1.38	(0.95-	2.01)
22	CIRUZZ	7	m	s	c	n	2	9	-	-	-	-	1.18	(0.55-	2.52)
22	CIRUZZ	8	f	s	c	n	2	9	-	-	-	-	1.73	(0.89-	3.36)
Subtotal	22												1.47	(0.89-	2.42)
25	HE	2	f	s	e	n	2	6	-	-	-	-	1.60	(0.94-	2.90)
27	ROSENL	2	m	s	e	n	2	8	-	-	-	-	0.96	(0.64-	1.44)
27	ROSENL	14	f	s	e	n	2	8	-	-	-	-	1.53	(0.95-	2.44)
Subtotal	27												1.17	(0.86-	1.59)
*29	ENSTRO	16	m	s	e	f	2	8	-	-	-	-	0.93	(0.83-	1.04)
*29	ENSTRO	32	f	s	e	f	2	8	-	-	-	-	0.99	(0.92-	1.08)
Subtotal	29												0.97	(0.91-	1.03)
31	NISHTA	3	c	s	e	n	1	1	-	-	-	-	2.38	(1.04-	5.42)
Partial Totals									152	212	269	563			
*prospective study															
No															
StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI	
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73	(1.01-	2.96)
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65	(0.79-	3.46)
Subtotal	8												1.70	(1.10-	2.63)
9	JACKSO	4	m	h	c	b	2	2	-	-	-	-	1.06	(0.39-	2.91)
9	JACKSO	2	f	h	c	b	2	2	-	-	-	-	3.74	(1.15-	12.19)
Subtotal	9												1.80	(0.84-	3.87)
*10	SANDLE	2	m	h	c	f	2	4	-	-	-	-	1.31	(1.05-	1.64)
*10	SANDLE	4	f	h	c	f	2	4	-	-	-	-	1.19	(1.04-	1.36)
Subtotal	10												1.22	(1.09-	1.37)
12	DOBSON	4	m	h	c	b	2	2	-	-	-	-	0.97	(0.50-	1.86)
12	DOBSON	2	f	h	c	b	2	2	-	-	-	-	2.46	(1.47-	4.13)
Subtotal	12												1.72	(1.15-	2.59)
18	TUNSTA	2	c	t	c	n	2	4	-	-	-	-	1.34	(1.07-	1.67)
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53	(0.81-	2.90)
23	MCELDU	4	m	t	c	b	2	4	-	-	-	-	0.82	(0.55-	1.22)
23	MCELDU	2	f	t	c	b	2	4	-	-	-	-	2.15	(1.18-	3.92)
Subtotal	23												1.10	(0.79-	1.53)
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13	(1.00-	1.27)
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20	(1.09-	1.30)
Subtotal	26												1.17	(1.09-	1.26)

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 13
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By spouse the index or not - adjusted

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI	
									Numbers exposed		Non-exposed				
									Case	Cont	Case	Cont			
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33	(0.89-	1.99)
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20	(0.70-	2.20)
33	MCGHEE	1	m	h	p	f	2	2	-	-	-	-	1.30	(0.88-	1.93)
33	MCGHEE	2	f	h	p	f	2	2	-	-	-	-	1.39	(0.95-	2.04)
Subtotal 33													1.35	(1.02-	1.77)
Partial Totals									0	0	0	0			
*prospective study															
									Yes	No	Total				
Relative risks															
									N	27	18	45			
									NS	18	11	29			
									Wt	4318.01	1313.49	5631.50			
									Het Chi	37.92	24.72	92.97			
									Het df	26	17	44			
									Het P	(*)	N.S.	***			
Fixed									RR	1.03	1.22	1.07			
									RRl	1.00	1.16	1.04			
									RRu	1.06	1.29	1.10			
									P	(+)	+++	+++			
Random									RR	1.05	1.26	1.15			
									RRl	1.00	1.16	1.09			
									RRu	1.11	1.38	1.21			
									P	(+)	+++	+++			
Asymm									P	***	*	***			
Between									Chi		30.32	30.32			
Between									df		1	1			
Between									P		+++	***			

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 14
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By heart disease type 1 - adjusted

Fatal

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA 6		f	s	e	f	2	1	-	-	-	-	1.16 (0.94- 1.43)	
*2	GARLAN 5		f	s	e	f	2	5	-	-	-	-	2.70 (0.63- 11.58)	
*6	BUTLER 2		f	s	e	f	2	1	-	-	-	-	1.07 (0.65- 1.75)	
*8	HOLE 3		m	h	e	f	2	5	-	-	-	-	1.73 (1.01- 2.96)	
*8	HOLE 2		f	h	e	f	2	5	-	-	-	-	1.65 (0.79- 3.46)	
Subtotal 8													1.70 (1.10- 2.63)	
*10	SANDLE 2		m	h	c	f	2	4	-	-	-	-	1.31 (1.05- 1.64)	
*10	SANDLE 4		f	h	c	f	2	4	-	-	-	-	1.19 (1.04- 1.36)	
Subtotal 10													1.22 (1.09- 1.37)	
*11	HUMBLE 1		f	s	c	f	8	4	-	-	-	-	1.59 (0.99- 2.57)	
14	LAYARD 2		m	s	e	f	2	2	-	-	-	-	0.97 (0.73- 1.28)	
14	LAYARD 10		f	s	e	f	2	2	-	-	-	-	0.99 (0.84- 1.16)	
Subtotal 14													0.98 (0.86- 1.13)	
*15	LEVOIS 1		m	s	e	f	2	2	-	-	-	-	0.97 (0.90- 1.05)	
*15	LEVOIS 6		f	s	e	f	2	2	-	-	-	-	1.03 (0.98- 1.08)	
Subtotal 15													1.01 (0.97- 1.06)	
*19	STEENL 3		m	s	e	f	2	12	-	-	-	-	1.09 (0.98- 1.21)	
*19	STEENL 4		f	s	e	f	2	13	-	-	-	-	1.04 (0.93- 1.16)	
Subtotal 19													1.07 (0.99- 1.15)	
*29	ENSTRO 16		m	s	e	f	2	8	-	-	-	-	0.93 (0.83- 1.04)	
*29	ENSTRO 32		f	s	e	f	2	8	-	-	-	-	0.99 (0.92- 1.08)	
Subtotal 29													0.97 (0.91- 1.03)	
33	MCGHEE 1		m	h	p	f	2	2	-	-	-	-	1.30 (0.88- 1.93)	
33	MCGHEE 2		f	h	p	f	2	2	-	-	-	-	1.39 (0.95- 2.04)	
Subtotal 33													1.35 (1.02- 1.77)	
Partial Totals									0	0	0	0		

*prospective study

Nonfatal

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
3	LEE 2		m	s	m	n	2	2	-	-	-	-	1.24 (0.59- 2.59)	
3	LEE 4		f	s	m	n	2	2	-	-	-	-	0.93 (0.54- 1.61)	
Subtotal 3													1.03 (0.66- 1.60)	
4	MARTIN 1		f	s	e	n	2	6	-	-	-	-	2.60 (1.20- 5.70)	
13	LAVECC 2		m	s	e	n	2	0	9	21	55	140	1.09 (0.47- 2.53)	
13	LAVECC 1		f	s	e	n	2	0	32	39	11	17	1.27 (0.52- 3.09)	
Subtotal 13													1.17 (0.64- 2.16)	
17	MUSCAT 1		m	s	e	n	2	0	20	25	48	83	1.38 (0.70- 2.75)	
17	MUSCAT 2		f	s	e	n	2	0	28	27	18	23	1.33 (0.59- 2.99)	
Subtotal 17													1.36 (0.80- 2.30)	
18	TUNSTA 2		c	t	c	n	2	4	-	-	-	-	1.34 (1.07- 1.67)	
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38 (0.95- 2.01)	
22	CIRUZZ 7		m	s	c	n	2	9	-	-	-	-	1.18 (0.55- 2.52)	
22	CIRUZZ 8		f	s	c	n	2	9	-	-	-	-	1.73 (0.89- 3.36)	
Subtotal 22													1.47 (0.89- 2.42)	
25	HE 2		f	s	e	n	2	6	-	-	-	-	1.60 (0.94- 2.90)	
26	IRIBAR 4		m	h	c	n	2	11	-	-	-	-	1.13 (1.00- 1.27)	
26	IRIBAR 19		f	h	c	n	2	11	-	-	-	-	1.20 (1.09- 1.30)	
Subtotal 26													1.17 (1.09- 1.26)	
27	ROSENL 2		m	s	e	n	2	8	-	-	-	-	0.96 (0.64- 1.44)	
27	ROSENL 14		f	s	e	n	2	8	-	-	-	-	1.53 (0.95- 2.44)	
Subtotal 27													1.17 (0.86- 1.59)	
28	PITSAV 9		c	h	c	n	a	6	-	-	-	-	1.33 (0.89- 1.99)	
30	CHEN 10		c	h	c	n	2	10	-	-	-	-	1.20 (0.70- 2.20)	
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38 (1.04- 5.42)	
Partial Totals									152	212	269	563		

*prospective study

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 14
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By heart disease type 1 - adjusted

Both

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*5	SVENDS	2	m	s	c	b	2	6	-	-	-	-	1.61 (0.96- 2.71)	
9	JACKSO	4	m	h	c	b	2	2	-	-	-	-	1.06 (0.39- 2.91)	
9	JACKSO	2	f	h	c	b	2	2	-	-	-	-	3.74 (1.15- 12.19)	
Subtotal 9													1.67 (1.09- 2.56)	
12	DOBSON	4	m	h	c	b	2	2	-	-	-	-	0.97 (0.50- 1.86)	
12	DOBSON	2	f	h	c	b	2	2	-	-	-	-	2.46 (1.47- 4.13)	
Subtotal 12													1.72 (1.15- 2.59)	
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53 (0.81- 2.90)	
23	MCELDU	4	m	t	c	b	2	4	-	-	-	-	0.82 (0.55- 1.22)	
23	MCELDU	2	f	t	c	b	2	4	-	-	-	-	2.15 (1.18- 3.92)	
Subtotal 23													1.10 (0.79- 1.53)	
Partial Totals									0	0	0	0		
*prospective study														

Relative risks	Fatal		Nonfatal		Both		Total			
	N	NS	18	11	19	13	8	5	45	29
	Wt	4514.52	1028.53	88.45	5631.50					
	Het Chi	31.81	14.48	17.96	92.97					
	Het df	17	18	7	44					
	Het P	*	N.S.	*	***					
	Fixed RR	1.03	1.21	1.42	1.07					
	RRl	1.00	1.14	1.15	1.04					
	RRu	1.06	1.29	1.74	1.10					
	P	+	+++	++	+++					
	Random RR	1.06	1.21	1.51	1.15					
	RRl	1.01	1.14	1.06	1.09					
	RRu	1.12	1.29	2.15	1.21					
	P	+	+++	+	+++					
	Asymm P	**	*	N.S.	***					
	Between Chi		21.65	8.59	28.71					
	Between df		1	1	2					
	Between P		+++	++	***					

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 15
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By heart disease type 2 - adjusted

IHD										Numbers					
StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
*1	HIRAYA 6		f	s	e	f	2	1	-	-	-	-	1.16 (0.94- 1.43)		
*2	GARLAN 5		f	s	e	f	2	5	-	-	-	-	2.70 (0.63- 11.58)		
3	LEE 2		m	s	m	n	2	2	-	-	-	-	1.24 (0.59- 2.59)		
3	LEE 4		f	s	m	n	2	2	-	-	-	-	0.93 (0.54- 1.61)		
Subtotal 3									-	-	-	-	1.03 (0.66- 1.60)		
*5	SVENDS 2		m	s	c	b	2	6	-	-	-	-	1.61 (0.96- 2.71)		
*6	BUTLER 2		f	s	e	f	2	1	-	-	-	-	1.07 (0.65- 1.75)		
14	LAYARD 2		m	s	e	f	2	2	-	-	-	-	0.97 (0.73- 1.28)		
14	LAYARD 10		f	s	e	f	2	2	-	-	-	-	0.99 (0.84- 1.16)		
Subtotal 14									-	-	-	-	0.98 (0.86- 1.13)		
18	TUNSTA 2		c	t	c	n	2	4	-	-	-	-	1.34 (1.07- 1.67)		
*19	STEENL 3		m	s	e	f	2	12	-	-	-	-	1.09 (0.98- 1.21)		
*19	STEENL 4		f	s	e	f	2	13	-	-	-	-	1.04 (0.93- 1.16)		
Subtotal 19									-	-	-	-	1.07 (0.99- 1.15)		
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38 (0.95- 2.01)		
*29	ENSTRO 16		m	s	e	f	2	8	-	-	-	-	0.93 (0.83- 1.04)		
*29	ENSTRO 32		f	s	e	f	2	8	-	-	-	-	0.99 (0.92- 1.08)		
Subtotal 29									-	-	-	-	0.97 (0.91- 1.03)		
30	CHEN 10		c	h	c	n	2	10	-	-	-	-	1.20 (0.70- 2.20)		
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38 (1.04- 5.42)		
33	MCGHEE 1		m	h	p	f	2	2	-	-	-	-	1.30 (0.88- 1.93)		
33	MCGHEE 2		f	h	p	f	2	2	-	-	-	-	1.39 (0.95- 2.04)		
Subtotal 33									-	-	-	-	1.35 (1.02- 1.77)		
Partial Totals									63	100	137	300			
*prospective study															

MI										Numbers					
StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
4	MARTIN 1		f	s	e	n	2	6	-	-	-	-	2.60 (1.20- 5.70)		
13	LAVECC 2		m	s	e	n	2	0	9	21	55	140	1.09 (0.47- 2.53)		
13	LAVECC 1		f	s	e	n	2	0	32	39	11	17	1.27 (0.52- 3.09)		
Subtotal 13									-	-	-	-	1.59 (0.98- 2.57)		
17	MUSCAT 1		m	s	e	n	2	0	20	25	48	83	1.38 (0.70- 2.75)		
17	MUSCAT 2		f	s	e	n	2	0	28	27	18	23	1.33 (0.59- 2.99)		
Subtotal 17									-	-	-	-	1.36 (0.80- 2.30)		
22	CIRUZZ 7		m	s	c	n	2	9	-	-	-	-	1.18 (0.55- 2.52)		
22	CIRUZZ 8		f	s	c	n	2	9	-	-	-	-	1.73 (0.89- 3.36)		
Subtotal 22									-	-	-	-	1.47 (0.89- 2.42)		
23	MCELDU 4		m	t	c	b	2	4	-	-	-	-	0.82 (0.55- 1.22)		
23	MCELDU 2		f	t	c	b	2	4	-	-	-	-	2.15 (1.18- 3.92)		
Subtotal 23									-	-	-	-	1.10 (0.79- 1.53)		
27	ROSENL 2		m	s	e	n	2	8	-	-	-	-	0.96 (0.64- 1.44)		
27	ROSENL 14		f	s	e	n	2	8	-	-	-	-	1.53 (0.95- 2.44)		
Subtotal 27									-	-	-	-	1.17 (0.86- 1.59)		
Partial Totals									89	112	132	263			
*prospective study															

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 15
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 By heart disease type 2 - adjusted

other

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*10	SANDLE	2	m	h	c	f	2	4	-	-	-	-	1.31	(1.05- 1.64)
*10	SANDLE	4	f	h	c	f	2	4	-	-	-	-	1.19	(1.04- 1.36)
Subtotal 10													1.22	(1.09- 1.37)
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
*15	LEVOIS	1	m	s	e	f	2	2	-	-	-	-	0.97	(0.90- 1.05)
*15	LEVOIS	6	f	s	e	f	2	2	-	-	-	-	1.03	(0.98- 1.08)
Subtotal 15													1.01	(0.97- 1.06)
25	HE	2	f	s	e	n	2	6	-	-	-	-	1.60	(0.94- 2.90)
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
Subtotal 26													1.17	(1.09- 1.26)
Partial Totals									0	0	0	0		
*prospective study														

mixed

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
Subtotal 8													1.70	(1.10- 2.63)
9	JACKSO	4	m	h	c	b	2	2	-	-	-	-	1.06	(0.39- 2.91)
9	JACKSO	2	f	h	c	b	2	2	-	-	-	-	3.74	(1.15- 12.19)
Subtotal 9													1.80	(0.84- 3.87)
12	DOBSON	4	m	h	c	b	2	2	-	-	-	-	0.97	(0.50- 1.86)
12	DOBSON	2	f	h	c	b	2	2	-	-	-	-	2.46	(1.47- 4.13)
Subtotal 12													1.72	(1.15- 2.59)
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
Partial Totals									0	0	0	0		
*prospective study														

Relative risks	IHD		MI		other		mixed		Total	
	N	NS								
	18	13	11	6	8	5	8	5	45	29
	Wt	2068.72	121.40	3358.00	83.38	5631.50				
	Het Chi	27.09	14.31	26.08	8.43	92.97				
	Het df	17	10	7	7	44				
	Het P	(*)	N.S.	***	N.S.	***				
	Fixed RR	1.04	1.25	1.07	1.58	1.07				
	RRl	1.00	1.05	1.03	1.27	1.04				
	RRu	1.09	1.50	1.11	1.96	1.10				
	P	(+)	+	+++	+++	+++				
	Random RR	1.08	1.31	1.13	1.59	1.15				
	RRl	1.01	1.05	1.04	1.25	1.09				
	RRu	1.16	1.63	1.23	2.02	1.21				
	P	+	+	++	+++	+++				
	Asymm P	**	(*)	*	N.S.	***				
	Between Chi		3.90	0.73	13.80	17.06				
	Between df		1	1	1	3				
	Between P		+	N.S.	+++	***				

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 16
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Overall - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA	6	f	s	e	f	2	1	-	-	-	-	1.16 (0.94- 1.43)	
*2	GARLAN	4	f	s	c	f	8	1	-	-	-	-	2.25 (0.32- 15.74)	
3	LEE	2	m	s	m	n	2	2	-	-	-	-	1.24 (0.59- 2.59)	
3	LEE	4	f	s	m	n	2	2	-	-	-	-	0.93 (0.54- 1.61)	
Subtotal	3												1.03 (0.66- 1.60)	
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60 (1.20- 5.70)	
*5	SVENDS	2	m	s	c	b	2	6	-	-	-	-	1.61 (0.96- 2.71)	
*6	BUTLER	4	f	s	c	f	8	1	-	-	-	-	1.40 (0.51- 3.84)	
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73 (1.01- 2.96)	
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65 (0.79- 3.46)	
Subtotal	8												1.70 (1.10- 2.63)	
9	JACKSO	4	m	h	c	b	2	2	-	-	-	-	1.06 (0.39- 2.91)	
9	JACKSO	2	f	h	c	b	2	2	-	-	-	-	3.74 (1.15- 12.19)	
Subtotal	9												1.80 (0.84- 3.87)	
*10	SANDLE	2	m	h	c	f	2	4	-	-	-	-	1.31 (1.05- 1.64)	
*10	SANDLE	4	f	h	c	f	2	4	-	-	-	-	1.19 (1.04- 1.36)	
Subtotal	10												1.22 (1.09- 1.37)	
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59 (0.99- 2.57)	
12	DOBSON	4	m	h	c	b	2	2	-	-	-	-	0.97 (0.50- 1.86)	
12	DOBSON	2	f	h	c	b	2	2	-	-	-	-	2.46 (1.47- 4.13)	
Subtotal	12												1.72 (1.15- 2.59)	
13	LAVECC	11	c	s	c	n	8	8	-	-	-	-	1.21 (0.57- 2.52)	
14	LAYARD	2	m	s	e	f	2	2	-	-	-	-	0.97 (0.73- 1.28)	
14	LAYARD	10	f	s	e	f	2	2	-	-	-	-	0.99 (0.84- 1.16)	
Subtotal	14												0.98 (0.86- 1.13)	
*15	LEVOIS	2	m	s	c	f	8	2	-	-	-	-	0.98 (0.91- 1.06)	
*15	LEVOIS	7	f	s	c	f	8	2	-	-	-	-	1.04 (0.99- 1.09)	
Subtotal	15												1.02 (0.98- 1.07)	
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38 (0.70- 2.75)	
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33 (0.59- 2.99)	
Subtotal	17												1.36 (0.80- 2.30)	
18	TUNSTA	2	c	t	c	n	2	4	-	-	-	-	1.34 (1.07- 1.67)	
*19	STEENL	1	m	s	c	f	8	12	-	-	-	-	1.22 (1.07- 1.40)	
*19	STEENL	2	f	s	c	f	8	13	-	-	-	-	1.10 (0.96- 1.27)	
Subtotal	19												1.16 (1.05- 1.28)	
20	JANGHO	1	f	s	e	n	2	0	63	100	137	300	1.38 (0.95- 2.01)	
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53 (0.81- 2.90)	
22	CIRUZZ	7	m	s	c	n	2	9	-	-	-	-	1.18 (0.55- 2.52)	
22	CIRUZZ	8	f	s	c	n	2	9	-	-	-	-	1.73 (0.89- 3.36)	
Subtotal	22												1.47 (0.89- 2.42)	
23	MCELDU	4	m	t	c	b	2	4	-	-	-	-	0.82 (0.55- 1.22)	
23	MCELDU	2	f	t	c	b	2	4	-	-	-	-	2.15 (1.18- 3.92)	
Subtotal	23												1.10 (0.79- 1.53)	
25	HE	2	f	s	e	n	2	6	-	-	-	-	1.60 (0.94- 2.90)	
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13 (1.00- 1.27)	
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20 (1.09- 1.30)	
Subtotal	26												1.17 (1.09- 1.26)	
27	ROSENL	4	m	s	c	n	8	8	-	-	-	-	0.98 (0.57- 1.69)	
27	ROSENL	16	f	s	c	n	8	8	-	-	-	-	2.59 (1.27- 5.29)	
Subtotal	27												1.40 (0.91- 2.16)	
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33 (0.89- 1.99)	
*29	ENSTRO	15	m	s	c	f	8	8	-	-	-	-	0.92 (0.80- 1.05)	
*29	ENSTRO	31	f	s	c	f	8	8	-	-	-	-	0.97 (0.89- 1.06)	
Subtotal	29												0.96 (0.89- 1.03)	
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20 (0.70- 2.20)	
31	NISHTA	3	c	s	e	n	1	1	-	-	-	-	2.38 (1.04- 5.42)	
33	MCGHEE	1	m	h	p	f	2	2	-	-	-	-	1.30 (0.88- 1.93)	
33	MCGHEE	2	f	h	p	f	2	2	-	-	-	-	1.39 (0.95- 2.04)	
Subtotal	33												1.35 (1.02- 1.77)	
Partial Totals									111	152	203	406		
*prospective study														

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 16
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Overall - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Ys	Ws	Qs	Ps
*1	HIRAYA	6	f	s	e	f	2	1	0.15	87.29	0.41	0.1655
*2	GARLAN	4	f	s	c	f	8	1	0.81	1.01	0.54	0.4145
3	LEE	2	m	s	m	n	2	2	0.22	7.02	0.13	0.5687
3	LEE	4	f	s	m	n	2	2	-0.07	12.88	0.30	0.7946
Subtotal	3								-0.02	19.90	0.43	
4	MARTIN	1	f	s	e	n	2	6	0.96	6.33	4.86	0.0162
*5	SVENDS	2	m	s	c	b	2	6	0.48	14.27	2.24	0.0720
*6	BUTLER	4	f	s	c	f	8	1	0.34	3.77	0.25	0.5135
*8	HOLE	3	m	h	e	f	2	5	0.55	13.29	2.92	0.0457
*8	HOLE	2	f	h	e	f	2	5	0.50	7.04	1.25	0.1838
Subtotal	8								0.89	20.33	4.17	
9	JACKSO	4	m	h	c	b	2	2	0.06	3.80	0.00	0.9095
9	JACKSO	2	f	h	c	b	2	2	1.32	2.76	4.24	0.0285
Subtotal	9								1.22	6.56	4.24	
*10	SANDLE	2	m	h	c	f	2	4	0.27	77.28	2.80	0.0176
*10	SANDLE	4	f	h	c	f	2	4	0.17	213.52	1.90	0.0110
Subtotal	10								0.28	290.80	4.70	
*11	HUMBLE	1	f	s	c	f	8	4	0.46	16.88	2.49	0.0567
12	DOBSON	4	m	h	c	b	2	2	-0.03	8.90	0.11	0.9276
12	DOBSON	2	f	h	c	b	2	2	0.90	14.40	9.70	0.0006
Subtotal	12								0.71	23.30	9.80	
13	LAVECC	11	c	s	c	n	8	8	0.19	6.96	0.09	0.6152
14	LAYARD	2	m	s	e	f	2	2	-0.03	48.72	0.59	0.8316
14	LAYARD	10	f	s	e	f	2	2	-0.01	147.49	1.19	0.9029
Subtotal	14								-0.20	196.21	1.78	
*15	LEVOIS	2	m	s	c	f	8	2	-0.02	660.03	6.57	0.6037
*15	LEVOIS	7	f	s	c	f	8	2	0.04	1659.41	2.70	0.1101
Subtotal	15								-0.14	2319.43	9.28	
17	MUSCAT	1	m	s	e	n	2	0	0.32	8.14	0.49	0.3546
17	MUSCAT	2	f	s	e	n	2	0	0.28	5.82	0.24	0.4970
Subtotal	17								0.45	13.96	0.73	
18	TUNSTA	2	c	t	c	n	2	4	0.29	77.54	3.52	0.0100
*19	STEENL	1	m	s	c	f	8	12	0.20	212.64	3.02	0.0037
*19	STEENL	2	f	s	c	f	8	13	0.10	196.22	0.05	0.1818
Subtotal	19								0.13	408.86	3.07	
20	JANGHO	1	f	s	e	n	2	0	0.32	27.39	1.61	0.0922
*21	KAWACH	11	f	h	c	b	2	15	0.43	9.45	1.13	0.1912
22	CIRUZZ	7	m	s	c	n	2	9	0.17	6.63	0.05	0.6699
22	CIRUZZ	8	f	s	c	n	2	9	0.55	8.71	1.91	0.1058
Subtotal	22								0.55	15.34	1.96	
23	MCELDU	4	m	t	c	b	2	4	-0.20	24.21	1.87	0.3288
23	MCELDU	2	f	t	c	b	2	4	0.77	10.66	5.01	0.0124
Subtotal	23								0.41	34.87	6.89	
25	HE	2	f	s	e	n	2	6	0.47	12.11	1.85	0.1020
26	IRIBAR	4	m	h	c	n	2	11	0.12	268.97	0.49	0.0450
26	IRIBAR	19	f	h	c	n	2	11	0.18	495.01	5.22	0.0000
Subtotal	26								0.15	763.97	5.71	
27	ROSENL	4	m	s	c	n	8	8	-0.02	13.01	0.13	0.9419
27	ROSENL	16	f	s	c	n	8	8	0.95	7.55	5.74	0.0089
Subtotal	27								0.77	20.56	5.87	
28	PITSAV	9	c	h	c	n	a	6	0.29	23.73	1.00	0.1648
*29	ENSTRO	15	m	s	c	f	8	8	-0.08	207.79	5.52	0.2294
*29	ENSTRO	31	f	s	c	f	8	8	-0.03	502.87	6.09	0.4946
Subtotal	29								-0.27	710.67	11.61	
30	CHEN	10	c	h	c	n	2	10	0.18	11.72	0.12	0.5326
31	NISHTA	3	c	s	e	n	1	1	0.87	5.64	3.50	0.0395
33	MCGHEE	1	m	h	p	f	2	2	0.26	24.91	0.83	0.1904
33	MCGHEE	2	f	h	p	f	2	2	0.33	26.31	1.64	0.0912
Subtotal	33								0.43	51.22	2.47	

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 16
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Overall - adjusted

Relative risks

	N	44
	NS	29
	Wt	5200.07
Het	Chi	96.31
Het	df	43
Het	P	***
Fixed	RR	1.08
	RRl	1.05
	RRu	1.11
	P	+++
Random	RR	1.17
	RRl	1.10
	RRu	1.24
	P	+++
Asymm	P	***

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 17
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Overall - unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
*1	HIRAYA	3	f	s	e	f	2	0	376	69645	118	21895	1.00	(0.82- 1.23)
*2	GARLAN	2	f	s	c	f	8	0	2	97	2	203	2.09	(0.30- 14.64)
3	LEE	1	m	s	m	n	2	0	15	40	26	93	1.34	(0.64- 2.80)
3	LEE	3	f	s	m	n	2	0	55	229	22	89	0.97	(0.56- 1.69)
Subtotal 3													1.09	(0.70- 1.70)
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
*5	SVENDS	1	m	s	c	b	2	0	21	286	48	959	1.47	(0.89- 2.41)
*6	BUTLER	3	f	s	c	f	8	0	4	2487	60	43053	1.15	(0.42- 3.17)
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
Subtotal 8													1.70	(1.10- 2.63)
9	JACKSO	3	m	h	c	b	2	0	-	-	-	-	1.10	(0.40- 3.00)
9	JACKSO	1	f	h	c	b	2	0	-	-	-	-	4.00	(1.35- 13.10)
Subtotal 9													1.94	(0.91- 4.13)
*10	SANDLE	1	m	h	c	f	2	0	122	1248	248	2914	1.15	(0.93- 1.41)
*10	SANDLE	3	f	h	c	f	2	0	551	9551	437	5322	0.70	(0.62- 0.79)
Subtotal 10													0.80	(0.72- 0.88)
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
12	DOBSON	3	m	h	c	b	2	0	22	34	161	259	1.04	(0.59- 1.84)
12	DOBSON	1	f	h	c	b	2	0	43	99	117	433	1.61	(1.06- 2.43)
Subtotal 12													1.39	(0.99- 1.93)
13	LAVECC	5	m	s	c	n	8	0	7	17	55	140	1.05	(0.41- 2.67)
13	LAVECC	3	f	s	c	n	8	0	17	20	11	17	1.31	(0.48- 3.56)
Subtotal 13													1.16	(0.59- 2.30)
14	LAYARD	1	m	s	e	f	2	0	97	215	378	783	0.93	(0.71- 1.22)
14	LAYARD	9	f	s	e	f	2	0	455	961	459	969	1.00	(0.85- 1.17)
Subtotal 14													0.98	(0.86- 1.13)
*15	LEVOIS	2	m	s	c	f	8	2	-	-	-	-	0.98	(0.91- 1.06)
*15	LEVOIS	7	f	s	c	f	8	2	-	-	-	-	1.04	(0.99- 1.09)
Subtotal 15													1.02	(0.98- 1.07)
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
Subtotal 17													1.36	(0.80- 2.30)
18	TUNSTA	1	c	t	c	n	2	0	329	1216	99	483	1.32	(1.03- 1.69)
*19	STEENL	1	m	s	c	f	8	12	-	-	-	-	1.22	(1.07- 1.40)
*19	STEENL	2	f	s	c	f	8	13	-	-	-	-	1.10	(0.96- 1.27)
Subtotal 19													1.16	(1.05- 1.28)
20	JANGHO	1	f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
22	CIRUZZ	5	m	s	c	n	2	0	15	22	141	206	1.00	(0.50- 1.99)
22	CIRUZZ	6	f	s	c	n	2	0	29	25	151	193	1.48	(0.83- 2.64)
Subtotal 22													1.26	(0.81- 1.96)
23	MCELDU	3	m	t	c	b	2	0	53	172	145	373	0.79	(0.55- 1.14)
23	MCELDU	1	f	t	c	b	2	0	31	147	54	479	1.87	(1.16- 3.02)
Subtotal 23													1.08	(0.81- 1.45)
25	HE	1	f	s	e	n	2	0	76	95	39	113	2.32	(1.44- 3.72)
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
Subtotal 26													1.17	(1.09- 1.26)
27	ROSENL	3	m	s	c	n	8	0	27	51	141	285	1.07	(0.64- 1.78)
27	ROSENL	15	f	s	c	n	8	0	21	24	59	144	2.14	(1.10- 4.13)
Subtotal 27													1.38	(0.93- 2.07)
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
*29	ENSTRO	7	m	s	c	f	8	1	-	-	-	-	0.94	(0.83- 1.07)
*29	ENSTRO	23	f	s	c	f	8	1	-	-	-	-	1.01	(0.93- 1.09)
Subtotal 29													0.99	(0.93- 1.06)
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
31	NISHTA	3	c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
33	MCGHEE	5	m	h	p	f	2	0	74	71	285	347	1.27	(0.88- 1.82)
33	MCGHEE	6	f	h	p	f	2	0	113	150	112	195	1.31	(0.94- 1.84)
Subtotal 33													1.29	(1.01- 1.65)
Partial Totals									2666	87054	3571	80353		
*prospective study														

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 17
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Overall - unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Ys	Ws	Qs	Ps
*1	HIRAYA	3	f	s	e	f	2	0	0.00	90.30	0.24	0.9867
*2	GARLAN	2	f	s	c	f	8	0	0.74	1.02	0.48	0.4568
3	LEE	1	m	s	m	n	2	0	0.29	7.10	0.41	0.4340
3	LEE	3	f	s	m	n	2	0	-0.03	12.62	0.08	0.9185
Subtotal	3								0.16	19.72	0.50	
4	MARTIN	1	f	s	e	n	2	6	0.96	6.33	5.15	0.0162
*5	SVENDS	1	m	s	c	b	2	0	0.38	15.65	1.71	0.1296
*6	BUTLER	3	f	s	c	f	8	0	0.14	3.76	0.03	0.7812
*8	HOLE	3	m	h	e	f	2	5	0.55	13.29	3.26	0.0457
*8	HOLE	2	f	h	e	f	2	5	0.50	7.04	1.41	0.1838
Subtotal	8								0.94	20.33	4.67	
9	JACKSO	3	m	h	c	b	2	0	0.10	3.78	0.01	0.8529
9	JACKSO	1	f	h	c	b	2	0	1.39	2.98	5.29	0.0168
Subtotal	9								1.38	6.76	5.30	
*10	SANDLE	1	m	h	c	f	2	0	0.14	90.22	0.66	0.1881
*10	SANDLE	3	f	h	c	f	2	0	-0.35	262.43	43.27	0.0000
Subtotal	10								-0.32	352.64	43.93	
*11	HUMBLE	1	f	s	c	f	8	4	0.46	16.88	2.85	0.0567
12	DOBSON	3	m	h	c	b	2	0	0.04	11.77	0.00	0.8905
12	DOBSON	1	f	h	c	b	2	0	0.47	22.62	4.02	0.0240
Subtotal	12								0.41	34.39	4.02	
13	LAVECC	5	m	s	c	n	8	0	0.05	4.41	0.00	0.9214
13	LAVECC	3	f	s	c	n	8	0	0.27	3.87	0.19	0.5916
Subtotal	13								0.21	8.27	0.19	
14	LAYARD	1	m	s	e	f	2	0	-0.07	52.96	0.77	0.6223
14	LAYARD	9	f	s	e	f	2	0	-0.00	155.06	0.44	0.9954
Subtotal	14								-0.17	208.02	1.22	
*15	LEVOIS	2	m	s	c	f	8	2	-0.02	660.03	3.54	0.6037
*15	LEVOIS	7	f	s	c	f	8	2	0.04	1659.41	0.32	0.1101
Subtotal	15								-0.09	2319.43	3.86	
17	MUSCAT	1	m	s	e	n	2	0	0.32	8.14	0.60	0.3546
17	MUSCAT	2	f	s	e	n	2	0	0.28	5.82	0.30	0.4970
Subtotal	17								0.50	13.96	0.90	
18	TUNSTA	1	c	t	c	n	2	0	0.28	62.37	3.15	0.0283
*19	STEENL	1	m	s	c	f	8	12	0.20	212.64	4.52	0.0037
*19	STEENL	2	f	s	c	f	8	13	0.10	196.22	0.35	0.1818
Subtotal	19								0.19	408.86	4.87	
20	JANGHO	1	f	s	e	n	2	0	0.32	27.39	1.98	0.0922
*21	KAWACH	11	f	h	c	b	2	15	0.43	9.45	1.31	0.1912
22	CIRUZZ	5	m	s	c	n	2	0	-0.00	8.06	0.03	0.9912
22	CIRUZZ	6	f	s	c	n	2	0	0.39	11.59	1.35	0.1800
Subtotal	22								0.28	19.65	1.37	
23	MCELDU	3	m	t	c	b	2	0	-0.23	29.19	2.38	0.2093
23	MCELDU	1	f	t	c	b	2	0	0.63	16.76	5.51	0.0104
Subtotal	23								0.29	45.95	7.88	
25	HE	1	f	s	e	n	2	0	0.84	17.19	10.66	0.0005
26	IRIBAR	4	m	h	c	n	2	11	0.12	268.97	1.29	0.0450
26	IRIBAR	19	f	h	c	n	2	11	0.18	495.01	8.27	0.0000
Subtotal	26								0.20	763.97	9.56	
27	ROSENL	3	m	s	c	n	8	0	0.07	14.87	0.00	0.7939
27	ROSENL	15	f	s	c	n	8	0	0.76	8.84	4.40	0.0241
Subtotal	27								0.72	23.71	4.40	
28	PITSAV	9	c	h	c	n	a	6	0.29	23.73	1.28	0.1648
*29	ENSTRO	7	m	s	c	f	8	1	-0.06	238.19	3.15	0.3396
*29	ENSTRO	23	f	s	c	f	8	1	0.01	609.73	1.13	0.8059
Subtotal	29								-0.16	847.92	4.28	
30	CHEN	10	c	h	c	n	2	10	0.18	11.72	0.20	0.5326
31	NISHTA	3	c	s	e	n	1	1	0.87	5.64	3.74	0.0395
33	MCGHEE	5	m	h	p	f	2	0	0.24	29.42	1.01	0.1963
33	MCGHEE	6	f	h	p	f	2	0	0.27	33.81	1.61	0.1147
Subtotal	33								0.40	63.24	2.62	

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 17
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Overall - unadjusted

Relative risks

	N	45
	NS	29
	Wt	5448.25
Het	Chi	132.32
Het	df	44
Het	P	***
Fixed	RR	1.05
	RRl	1.03
	RRu	1.08
	P	+++
Random	RR	1.15
	RRl	1.07
	RRu	1.23
	P	+++
Asymm	P	**

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 18
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By sex - adjusted

combined

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
13	LAVECC	11	c	s	c	n	8	8	-	-	-	-	1.21	(0.57- 2.52)
18	TUNSTA	2	c	t	c	n	2	4	-	-	-	-	1.34	(1.07- 1.67)
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
31	NISHTA	3	c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
Partial Totals									0	0	0	0		

*prospective study

male

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
3	LEE	2	m	s	m	n	2	2	-	-	-	-	1.24	(0.59- 2.59)
*5	SVENDS	2	m	s	c	b	2	6	-	-	-	-	1.61	(0.96- 2.71)
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
9	JACKSO	4	m	h	c	b	2	2	-	-	-	-	1.06	(0.39- 2.91)
*10	SANDLE	2	m	h	c	f	2	4	-	-	-	-	1.31	(1.05- 1.64)
12	DOBSON	4	m	h	c	b	2	2	-	-	-	-	0.97	(0.50- 1.86)
14	LAYARD	2	m	s	e	f	2	2	-	-	-	-	0.97	(0.73- 1.28)
*15	LEVOIS	2	m	s	c	f	8	2	-	-	-	-	0.98	(0.91- 1.06)
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
*19	STEENL	1	m	s	c	f	8	12	-	-	-	-	1.22	(1.07- 1.40)
22	CIRUZZ	7	m	s	c	n	2	9	-	-	-	-	1.18	(0.55- 2.52)
23	MCELDU	4	m	t	c	b	2	4	-	-	-	-	0.82	(0.55- 1.22)
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
27	ROSENL	4	m	s	c	n	8	8	-	-	-	-	0.98	(0.57- 1.69)
*29	ENSTRO	15	m	s	c	f	8	8	-	-	-	-	0.92	(0.80- 1.05)
33	MCGHEE	1	m	h	p	f	2	2	-	-	-	-	1.30	(0.88- 1.93)
Partial Totals									20	25	48	83		

*prospective study

female

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA	6	f	s	e	f	2	1	-	-	-	-	1.16	(0.94- 1.43)
*2	GARLAN	4	f	s	c	f	8	1	-	-	-	-	2.25	(0.32- 15.74)
3	LEE	4	f	s	m	n	2	2	-	-	-	-	0.93	(0.54- 1.61)
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
*6	BUTLER	4	f	s	c	f	8	1	-	-	-	-	1.40	(0.51- 3.84)
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
9	JACKSO	2	f	h	c	b	2	2	-	-	-	-	3.74	(1.15- 12.19)
*10	SANDLE	4	f	h	c	f	2	4	-	-	-	-	1.19	(1.04- 1.36)
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
12	DOBSON	2	f	h	c	b	2	2	-	-	-	-	2.46	(1.47- 4.13)
14	LAYARD	10	f	s	e	f	2	2	-	-	-	-	0.99	(0.84- 1.16)
*15	LEVOIS	7	f	s	c	f	8	2	-	-	-	-	1.04	(0.99- 1.09)
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
*19	STEENL	2	f	s	c	f	8	13	-	-	-	-	1.10	(0.96- 1.27)
20	JANGHO	1	f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
22	CIRUZZ	8	f	s	c	n	2	9	-	-	-	-	1.73	(0.89- 3.36)
23	MCELDU	2	f	t	c	b	2	4	-	-	-	-	2.15	(1.18- 3.92)
25	HE	2	f	s	e	n	2	6	-	-	-	-	1.60	(0.94- 2.90)
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
27	ROSENL	16	f	s	c	n	8	8	-	-	-	-	2.59	(1.27- 5.29)
*29	ENSTRO	31	f	s	c	f	8	8	-	-	-	-	0.97	(0.89- 1.06)
33	MCGHEE	2	f	h	p	f	2	2	-	-	-	-	1.39	(0.95- 2.04)
Partial Totals									91	127	155	323		

*prospective study

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 18
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By sex - adjusted

	combined	male	female	Total
Relative risks				
N	5	16	23	44
NS	5	16	23	44
Wt	125.58	1599.62	3474.87	5200.07
Het Chi	2.07	26.63	60.25	96.31
Het df	4	15	22	43
Het P	N.S.	*	***	***
Fixed RR	1.35	1.05	1.09	1.08
RRl	1.13	1.00	1.05	1.05
RRu	1.61	1.11	1.12	1.11
P	+++	+	+++	+++
Random RR	1.35	1.10	1.22	1.17
RRl	1.13	1.00	1.12	1.10
RRu	1.61	1.20	1.33	1.24
P	+++	+	+++	+++
Asymm P	N.S.	N.S.	***	***
Between Chi		7.17	5.72	7.36
Between df		1	1	2
Between P		--	-	*

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 19
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By sex - unadjusted

combined

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
18	TUNSTA	1	c	t	c	n	2	0	329	1216	99	483	1.32	(1.03- 1.69)
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
31	NISHTA	3	c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
Partial Totals									329	1216	99	483		

*prospective study

male

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
3	LEE	1	m	s	m	n	2	0	15	40	26	93	1.34	(0.64- 2.80)
*5	SVENDS	1	m	s	c	b	2	0	21	286	48	959	1.47	(0.89- 2.41)
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
9	JACKSO	3	m	h	c	b	2	0	-	-	-	-	1.10	(0.40- 3.00)
*10	SANDLE	1	m	h	c	f	2	0	122	1248	248	2914	1.15	(0.93- 1.41)
12	DOBSON	3	m	h	c	b	2	0	22	34	161	259	1.04	(0.59- 1.84)
13	LAVECC	5	m	s	c	n	8	0	7	17	55	140	1.05	(0.41- 2.67)
14	LAYARD	1	m	s	e	f	2	0	97	215	378	783	0.93	(0.71- 1.22)
*15	LEVOIS	2	m	s	c	f	8	2	-	-	-	-	0.98	(0.91- 1.06)
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
*19	STEENL	1	m	s	c	f	8	12	-	-	-	-	1.22	(1.07- 1.40)
22	CIRUZZ	5	m	s	c	n	2	0	15	22	141	206	1.00	(0.50- 1.99)
23	MCELDU	3	m	t	c	b	2	0	53	172	145	373	0.79	(0.55- 1.14)
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
27	ROSENL	3	m	s	c	n	8	0	27	51	141	285	1.07	(0.64- 1.78)
*29	ENSTRO	7	m	s	c	f	8	1	-	-	-	-	0.94	(0.83- 1.07)
33	MCGHEE	5	m	h	p	f	2	0	74	71	285	347	1.27	(0.88- 1.82)
Partial Totals									473	2181	1676	6442		

*prospective study

female

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA	3	f	s	e	f	2	0	376	69645	118	21895	1.00	(0.82- 1.23)
*2	GARLAN	2	f	s	c	f	8	0	2	97	2	203	2.09	(0.30- 14.64)
3	LEE	3	f	s	m	n	2	0	55	229	22	89	0.97	(0.56- 1.69)
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
*6	BUTLER	3	f	s	c	f	8	0	4	2487	60	43053	1.15	(0.42- 3.17)
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
9	JACKSO	1	f	h	c	b	2	0	-	-	-	-	4.00	(1.35- 13.10)
*10	SANDLE	3	f	h	c	f	2	0	551	9551	437	5322	0.70	(0.62- 0.79)
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
12	DOBSON	1	f	h	c	b	2	0	43	99	117	433	1.61	(1.06- 2.43)
13	LAVECC	3	f	s	c	n	8	0	17	20	11	17	1.31	(0.48- 3.56)
14	LAYARD	9	f	s	e	f	2	0	455	961	459	969	1.00	(0.85- 1.17)
*15	LEVOIS	7	f	s	c	f	8	2	-	-	-	-	1.04	(0.99- 1.09)
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
*19	STEENL	2	f	s	c	f	8	13	-	-	-	-	1.10	(0.96- 1.27)
20	JANGHO	1	f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
22	CIRUZZ	6	f	s	c	n	2	0	29	25	151	193	1.48	(0.83- 2.64)
23	MCELDU	1	f	t	c	b	2	0	31	147	54	479	1.87	(1.16- 3.02)
25	HE	1	f	s	e	n	2	0	76	95	39	113	2.32	(1.44- 3.72)
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
27	ROSENL	15	f	s	c	n	8	0	21	24	59	144	2.14	(1.10- 4.13)
*29	ENSTRO	23	f	s	c	f	8	1	-	-	-	-	1.01	(0.93- 1.09)
33	MCGHEE	6	f	h	p	f	2	0	113	150	112	195	1.31	(0.94- 1.84)
Partial Totals									1864	83657	1796	73428		

*prospective study

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 19
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By sex - unadjusted

	combined	male	female	Total
Relative risks				
N	4	17	24	45
NS	4	17	24	45
Wt	103.46	1668.68	3676.10	5448.25
Het Chi	2.01	23.23	100.59	132.32
Het df	3	16	23	44
Het P	N.S.	N.S.	***	***
Fixed RR	1.35	1.05	1.05	1.05
RRl	1.11	1.00	1.02	1.03
RRu	1.64	1.10	1.09	1.08
P	++	(+)	++	+++
Random RR	1.35	1.07	1.20	1.15
RRl	1.11	1.00	1.08	1.07
RRu	1.64	1.16	1.33	1.23
P	++	(+)	+++	+++
Asymm P	N.S.	N.S.	*	**
Between Chi		6.33	6.35	6.48
Between df		1	1	2
Between P		-	-	*

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 20
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
*2	GARLAN 4		f	s	c	f	8	1	-	-	-	-	2.25 (0.32- 15.74)	
4	MARTIN 1		f	s	e	n	2	6	-	-	-	-	2.60 (1.20- 5.70)	
*5	SVENDS 2		m	s	c	b	2	6	-	-	-	-	1.61 (0.96- 2.71)	
*6	BUTLER 4		f	s	c	f	8	1	-	-	-	-	1.40 (0.51- 3.84)	
*10	SANDLE 2		m	h	c	f	2	4	-	-	-	-	1.31 (1.05- 1.64)	
*10	SANDLE 4		f	h	c	f	2	4	-	-	-	-	1.19 (1.04- 1.36)	
Subtotal	10												1.22 (1.09- 1.37)	
*11	HUMBLE 1		f	s	c	f	8	4	-	-	-	-	1.59 (0.99- 2.57)	
14	LAYARD 2		m	s	e	f	2	2	-	-	-	-	0.97 (0.73- 1.28)	
14	LAYARD 10		f	s	e	f	2	2	-	-	-	-	0.99 (0.84- 1.16)	
Subtotal	14												0.98 (0.86- 1.13)	
*15	LEVOIS 2		m	s	c	f	8	2	-	-	-	-	0.98 (0.91- 1.06)	
*15	LEVOIS 7		f	s	c	f	8	2	-	-	-	-	1.04 (0.99- 1.09)	
Subtotal	15												1.02 (0.98- 1.07)	
17	MUSCAT 1		m	s	e	n	2	0	20	25	48	83	1.38 (0.70- 2.75)	
17	MUSCAT 2		f	s	e	n	2	0	28	27	18	23	1.33 (0.59- 2.99)	
Subtotal	17												1.36 (0.80- 2.30)	
*19	STEENL 1		m	s	c	f	8	12	-	-	-	-	1.22 (1.07- 1.40)	
*19	STEENL 2		f	s	c	f	8	13	-	-	-	-	1.10 (0.96- 1.27)	
Subtotal	19												1.16 (1.05- 1.28)	
*21	KAWACH 11		f	h	c	b	2	15	-	-	-	-	1.53 (0.81- 2.90)	
26	IRIBAR 4		m	h	c	n	2	11	-	-	-	-	1.13 (1.00- 1.27)	
26	IRIBAR 19		f	h	c	n	2	11	-	-	-	-	1.20 (1.09- 1.30)	
Subtotal	26												1.17 (1.09- 1.26)	
*29	ENSTRO 15		m	s	c	f	8	8	-	-	-	-	0.92 (0.80- 1.05)	
*29	ENSTRO 31		f	s	c	f	8	8	-	-	-	-	0.97 (0.89- 1.06)	
Subtotal	29												0.96 (0.89- 1.03)	
Partial Totals									48	52	66	106		
*prospective study														

Europe

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
3	LEE 2		m	s	m	n	2	2	-	-	-	-	1.24 (0.59- 2.59)	
3	LEE 4		f	s	m	n	2	2	-	-	-	-	0.93 (0.54- 1.61)	
Subtotal	3												1.03 (0.66- 1.60)	
*8	HOLE 3		m	h	e	f	2	5	-	-	-	-	1.73 (1.01- 2.96)	
*8	HOLE 2		f	h	e	f	2	5	-	-	-	-	1.65 (0.79- 3.46)	
Subtotal	8												1.70 (1.10- 2.63)	
13	LAVECC 11		c	s	c	n	8	8	-	-	-	-	1.21 (0.57- 2.52)	
18	TUNSTA 2		c	t	c	n	2	4	-	-	-	-	1.34 (1.07- 1.67)	
27	ROSENL 4		m	s	c	n	8	8	-	-	-	-	0.98 (0.57- 1.69)	
27	ROSENL 16		f	s	c	n	8	8	-	-	-	-	2.59 (1.27- 5.29)	
Subtotal	27												1.40 (0.91- 2.16)	
28	PITSAV 9		c	h	c	n	a	6	-	-	-	-	1.33 (0.89- 1.99)	
30	CHEN 10		c	h	c	n	2	10	-	-	-	-	1.20 (0.70- 2.20)	
Partial Totals									0	0	0	0		
*prospective study														

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 20
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By continent - adjusted

Asia

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA 6		f	s	e	f	2	1	-	-	-	-	1.16 (0.94- 1.43)	
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38 (0.95- 2.01)	
25	HE 2		f	s	e	n	2	6	-	-	-	-	1.60 (0.94- 2.90)	
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38 (1.04- 5.42)	
33	MCGHEE 1		m	h	p	f	2	2	-	-	-	-	1.30 (0.88- 1.93)	
33	MCGHEE 2		f	h	p	f	2	2	-	-	-	-	1.39 (0.95- 2.04)	
Subtotal 33													1.35 (1.02- 1.77)	
Partial Totals									63	100	137	300		

*prospective study

Other

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
9	JACKSO 4		m	h	c	b	2	2	-	-	-	-	1.06 (0.39- 2.91)	
9	JACKSO 2		f	h	c	b	2	2	-	-	-	-	3.74 (1.15- 12.19)	
Subtotal 9													1.80 (0.84- 3.87)	
12	DOBSON 4		m	h	c	b	2	2	-	-	-	-	0.97 (0.50- 1.86)	
12	DOBSON 2		f	h	c	b	2	2	-	-	-	-	2.46 (1.47- 4.13)	
Subtotal 12													1.72 (1.15- 2.59)	
22	CIRUZZ 7		m	s	c	n	2	9	-	-	-	-	1.18 (0.55- 2.52)	
22	CIRUZZ 8		f	s	c	n	2	9	-	-	-	-	1.73 (0.89- 3.36)	
Subtotal 22													1.47 (0.89- 2.42)	
23	MCELDU 4		m	t	c	b	2	4	-	-	-	-	0.82 (0.55- 1.22)	
23	MCELDU 2		f	t	c	b	2	4	-	-	-	-	2.15 (1.18- 3.92)	
Subtotal 23													1.10 (0.79- 1.53)	
Partial Totals									0	0	0	0		

*prospective study

Relative risks	NAmerica		Europe		Asia		Other		Total	
	N	NS	N	NS	N	NS	N	NS	N	NS
	20	13	10	7	6	5	8	4	44	29
	Wt	4755.61	180.73	183.65	80.07	5200.07				
	Het Chi	46.72	7.68	3.93	18.19	96.31				
	Het df	19	9	5	7	43				
	Het P	***	N.S.	N.S.	*	***				
	Fixed RR	1.06	1.33	1.30	1.38	1.08				
	RRl	1.03	1.15	1.12	1.11	1.05				
	RRu	1.09	1.54	1.50	1.72	1.11				
	P	+++	+++	+++	++	+++				
	Random RR	1.10	1.33	1.30	1.48	1.17				
	RRl	1.03	1.15	1.12	1.02	1.10				
	RRu	1.16	1.54	1.50	2.16	1.24				
	P	++	+++	+++	+	+++				
	Asymm P	*	N.S.	***	N.S.	***				
	Between Chi		8.63	6.94	5.37	19.79				
	Between df		1	1	1	3				
	Between P		++	++	+	***				

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 21
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
*2	GARLAN	2	f	s	c	f	8	0	2	97	2	203	2.09	(0.30- 14.64)
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
*5	SVENDS	1	m	s	c	b	2	0	21	286	48	959	1.47	(0.89- 2.41)
*6	BUTLER	3	f	s	c	f	8	0	4	2487	60	43053	1.15	(0.42- 3.17)
*10	SANDLE	1	m	h	c	f	2	0	122	1248	248	2914	1.15	(0.93- 1.41)
*10	SANDLE	3	f	h	c	f	2	0	551	9551	437	5322	0.70	(0.62- 0.79)
Subtotal	10												0.80	(0.72- 0.88)
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
14	LAYARD	1	m	s	e	f	2	0	97	215	378	783	0.93	(0.71- 1.22)
14	LAYARD	9	f	s	e	f	2	0	455	961	459	969	1.00	(0.85- 1.17)
Subtotal	14												0.98	(0.86- 1.13)
*15	LEVOIS	2	m	s	c	f	8	2	-	-	-	-	0.98	(0.91- 1.06)
*15	LEVOIS	7	f	s	c	f	8	2	-	-	-	-	1.04	(0.99- 1.09)
Subtotal	15												1.02	(0.98- 1.07)
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
Subtotal	17												1.36	(0.80- 2.30)
*19	STEENL	1	m	s	c	f	8	12	-	-	-	-	1.22	(1.07- 1.40)
*19	STEENL	2	f	s	c	f	8	13	-	-	-	-	1.10	(0.96- 1.27)
Subtotal	19												1.16	(1.05- 1.28)
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
Subtotal	26												1.17	(1.09- 1.26)
*29	ENSTRO	7	m	s	c	f	8	1	-	-	-	-	0.94	(0.83- 1.07)
*29	ENSTRO	23	f	s	c	f	8	1	-	-	-	-	1.01	(0.93- 1.09)
Subtotal	29												0.99	(0.93- 1.06)
Partial Totals									1300	14897	1698	54309		
*prospective study														

Europe

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
3	LEE	1	m	s	m	n	2	0	15	40	26	93	1.34	(0.64- 2.80)
3	LEE	3	f	s	m	n	2	0	55	229	22	89	0.97	(0.56- 1.69)
Subtotal	3												1.09	(0.70- 1.70)
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
Subtotal	8												1.70	(1.10- 2.63)
13	LAVECC	5	m	s	c	n	8	0	7	17	55	140	1.05	(0.41- 2.67)
13	LAVECC	3	f	s	c	n	8	0	17	20	11	17	1.31	(0.48- 3.56)
Subtotal	13												1.16	(0.59- 2.30)
18	TUNSTA	1	c	t	c	n	2	0	329	1216	99	483	1.32	(1.03- 1.69)
27	ROSENL	3	m	s	c	n	8	0	27	51	141	285	1.07	(0.64- 1.78)
27	ROSENL	15	f	s	c	n	8	0	21	24	59	144	2.14	(1.10- 4.13)
Subtotal	27												1.38	(0.93- 2.07)
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
Partial Totals									471	1597	413	1251		
*prospective study														

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 21
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By continent - unadjusted

Asia

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
*1	HIRAYA 3		f	s	e	f	2	0	376	69645	118	21895	1.00	(0.82- 1.23)
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
25	HE 1		f	s	e	n	2	0	76	95	39	113	2.32	(1.44- 3.72)
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
33	MCGHEE 5		m	h	p	f	2	0	74	71	285	347	1.27	(0.88- 1.82)
33	MCGHEE 6		f	h	p	f	2	0	113	150	112	195	1.31	(0.94- 1.84)
Subtotal 33													1.29	(1.01- 1.65)
Partial Totals									702	70061	691	22850		
*prospective study														

Other

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
9	JACKSO 3		m	h	c	b	2	0	-	-	-	-	1.10	(0.40- 3.00)
9	JACKSO 1		f	h	c	b	2	0	-	-	-	-	4.00	(1.35- 13.10)
Subtotal 9													1.94	(0.91- 4.13)
12	DOBSON 3		m	h	c	b	2	0	22	34	161	259	1.04	(0.59- 1.84)
12	DOBSON 1		f	h	c	b	2	0	43	99	117	433	1.61	(1.06- 2.43)
Subtotal 12													1.39	(0.99- 1.93)
22	CIRUZZ 5		m	s	c	n	2	0	15	22	141	206	1.00	(0.50- 1.99)
22	CIRUZZ 6		f	s	c	n	2	0	29	25	151	193	1.48	(0.83- 2.64)
Subtotal 22													1.26	(0.81- 1.96)
23	MCELDU 3		m	t	c	b	2	0	53	172	145	373	0.79	(0.55- 1.14)
23	MCELDU 1		f	t	c	b	2	0	31	147	54	479	1.87	(1.16- 3.02)
Subtotal 23													1.08	(0.81- 1.45)
Partial Totals									193	499	769	1943		
*prospective study														

Relative risks	NAmerica		Europe		Asia		Other		Total	
	N	NS	N	NS	N	NS	N	NS	N	NS
		20		11		6		8		45
		13		7		5		4		29
	Wt	4967.89		169.85		203.76		106.75		5448.25
	Het Chi	78.48		5.55		13.67		15.45		132.32
	Het df	19		10		5		7		44
	Het P	***		N.S.		*		*		***
	Fixed RR	1.04		1.32		1.24		1.25		1.05
	RRl	1.01		1.14		1.08		1.04		1.03
	RRu	1.06		1.54		1.43		1.51		1.08
	P	+		+++		++		+		+++
	Random RR	1.06		1.32		1.40		1.31		1.15
	RRl	0.99		1.14		1.08		0.97		1.07
	RRu	1.14		1.54		1.80		1.78		1.23
	P	N.S.		+++		++		(+)		+++
	Asymm P	N.S.		N.S.		*		N.S.		**
	Between Chi			9.95		6.60		3.75		19.18
	Between df			1		1		1		3
	Between P			++		+		(+)		***

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 22
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By publication year (grouped) - adjusted

1984-88

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA 6		f	s	e	f	2	1	-	-	-	-	1.16 (0.94- 1.43)	
*2	GARLAN 4		f	s	c	f	8	1	-	-	-	-	2.25 (0.32- 15.74)	
3	LEE 2		m	s	m	n	2	2	-	-	-	-	1.24 (0.59- 2.59)	
3	LEE 4		f	s	m	n	2	2	-	-	-	-	0.93 (0.54- 1.61)	
Subtotal 3													1.03 (0.66- 1.60)	
4	MARTIN 1		f	s	e	n	2	6	-	-	-	-	2.60 (1.20- 5.70)	
*5	SVENDS 2		m	s	c	b	2	6	-	-	-	-	1.61 (0.96- 2.71)	
*6	BUTLER 4		f	s	c	f	8	1	-	-	-	-	1.40 (0.51- 3.84)	
Partial Totals									0	0	0	0		

*prospective study

1989-92

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*8	HOLE 3		m	h	e	f	2	5	-	-	-	-	1.73 (1.01- 2.96)	
*8	HOLE 2		f	h	e	f	2	5	-	-	-	-	1.65 (0.79- 3.46)	
Subtotal 8													1.70 (1.10- 2.63)	
9	JACKSO 4		m	h	c	b	2	2	-	-	-	-	1.06 (0.39- 2.91)	
9	JACKSO 2		f	h	c	b	2	2	-	-	-	-	3.74 (1.15- 12.19)	
Subtotal 9													1.80 (0.84- 3.87)	
*10	SANDLE 2		m	h	c	f	2	4	-	-	-	-	1.31 (1.05- 1.64)	
*10	SANDLE 4		f	h	c	f	2	4	-	-	-	-	1.19 (1.04- 1.36)	
Subtotal 10													1.22 (1.09- 1.37)	
*11	HUMBLE 1		f	s	c	f	8	4	-	-	-	-	1.59 (0.99- 2.57)	
12	DOBSON 4		m	h	c	b	2	2	-	-	-	-	0.97 (0.50- 1.86)	
12	DOBSON 2		f	h	c	b	2	2	-	-	-	-	2.46 (1.47- 4.13)	
Subtotal 12													1.72 (1.15- 2.59)	
13	LAVECC 11		c	s	c	n	8	8	-	-	-	-	1.21 (0.57- 2.52)	
Partial Totals									0	0	0	0		

*prospective study

1993-96

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
14	LAYARD 2		m	s	e	f	2	2	-	-	-	-	0.97 (0.73- 1.28)	
14	LAYARD 10		f	s	e	f	2	2	-	-	-	-	0.99 (0.84- 1.16)	
Subtotal 14													0.98 (0.86- 1.13)	
*15	LEVOIS 2		m	s	c	f	8	2	-	-	-	-	0.98 (0.91- 1.06)	
*15	LEVOIS 7		f	s	c	f	8	2	-	-	-	-	1.04 (0.99- 1.09)	
Subtotal 15													1.02 (0.98- 1.07)	
17	MUSCAT 1		m	s	e	n	2	0	20	25	48	83	1.38 (0.70- 2.75)	
17	MUSCAT 2		f	s	e	n	2	0	28	27	18	23	1.33 (0.59- 2.99)	
Subtotal 17													1.36 (0.80- 2.30)	
18	TUNSTA 2		c	t	c	n	2	4	-	-	-	-	1.34 (1.07- 1.67)	
*19	STEENL 1		m	s	c	f	8	12	-	-	-	-	1.22 (1.07- 1.40)	
*19	STEENL 2		f	s	c	f	8	13	-	-	-	-	1.10 (0.96- 1.27)	
Subtotal 19													1.16 (1.05- 1.28)	
Partial Totals									48	52	66	106		

*prospective study

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 22
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By publication year (grouped) - adjusted

1997-00

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
*21	KAWACH 11		f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
22	CIRUZZ 7		m	s	c	n	2	9	-	-	-	-	1.18	(0.55- 2.52)
22	CIRUZZ 8		f	s	c	n	2	9	-	-	-	-	1.73	(0.89- 3.36)
Subtotal	22												1.47	(0.89- 2.42)
23	MCELDU 4		m	t	c	b	2	4	-	-	-	-	0.82	(0.55- 1.22)
23	MCELDU 2		f	t	c	b	2	4	-	-	-	-	2.15	(1.18- 3.92)
Subtotal	23												1.10	(0.79- 1.53)
25	HE 2		f	s	e	n	2	6	-	-	-	-	1.60	(0.94- 2.90)
Partial Totals									63	100	137	300		

*prospective study

2001-

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
26	IRIBAR 4		m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
26	IRIBAR 19		f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
Subtotal	26												1.17	(1.09- 1.26)
27	ROSENL 4		m	s	c	n	8	8	-	-	-	-	0.98	(0.57- 1.69)
27	ROSENL 16		f	s	c	n	8	8	-	-	-	-	2.59	(1.27- 5.29)
Subtotal	27												1.40	(0.91- 2.16)
28	PITSAV 9		c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
*29	ENSTRO 15		m	s	c	f	8	8	-	-	-	-	0.92	(0.80- 1.05)
*29	ENSTRO 31		f	s	c	f	8	8	-	-	-	-	0.97	(0.89- 1.06)
Subtotal	29												0.96	(0.89- 1.03)
30	CHEN 10		c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
33	MCGHEE 1		m	h	p	f	2	2	-	-	-	-	1.30	(0.88- 1.93)
33	MCGHEE 2		f	h	p	f	2	2	-	-	-	-	1.39	(0.95- 2.04)
Subtotal	33												1.35	(1.02- 1.77)
Partial Totals									0	0	0	0		

*prospective study

Relative risks	1984-88		1989-92		1993-96		1997-00		2001-		Total
	N	NS	N	NS	N	NS	N	NS	N	NS	
	7	6	10	6	9	5	7	5	11	7	44
	Wt	132.57	364.83	3016.01	99.15	1587.50	5200.07				
	Het Chi	6.31	13.73	14.83	9.45	30.29	96.31				
	Het df	6	9	8	6	10	43				
	Het P	N.S.	N.S.	(*)	N.S.	***	***				
	Fixed RR	1.24	1.30	1.05	1.32	1.08	1.08				
	RRl	1.05	1.17	1.01	1.09	1.03	1.05				
	RRu	1.47	1.44	1.08	1.61	1.14	1.11				
	P	+	+++	+	++	++	+++				
	Random RR	1.26	1.41	1.07	1.37	1.14	1.17				
	RRl	1.04	1.18	1.00	1.06	1.02	1.10				
	RRu	1.52	1.68	1.14	1.77	1.28	1.24				
	P	+	+++	+	+	+	+++				
	Asymm P	N.S.	(*)	N.S.	N.S.	N.S.	***				
	Between Chi		0.19	3.64	0.24	2.23	21.69				
	Between df		1	1	1	1	4				
	Between P		N.S.	(-)	N.S.	N.S.	***				

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 23
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By publication year (grouped) - unadjusted

1984-88

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
*1	HIRAYA 3		f	s	e	f	2	0	376	69645	118	21895	1.00	(0.82- 1.23)
*2	GARLAN 2		f	s	c	f	8	0	2	97	2	203	2.09	(0.30- 14.64)
3	LEE 1		m	s	m	n	2	0	15	40	26	93	1.34	(0.64- 2.80)
3	LEE 3		f	s	m	n	2	0	55	229	22	89	0.97	(0.56- 1.69)
Subtotal 3													1.09	(0.70- 1.70)
4	MARTIN 1		f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
*5	SVENDS 1		m	s	c	b	2	0	21	286	48	959	1.47	(0.89- 2.41)
*6	BUTLER 3		f	s	c	f	8	0	4	2487	60	43053	1.15	(0.42- 3.17)
Partial Totals									473	72784	276	66292		
*prospective study														

1989-92

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
*8	HOLE 3		m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
*8	HOLE 2		f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
Subtotal 8													1.70	(1.10- 2.63)
9	JACKSO 3		m	h	c	b	2	0	-	-	-	-	1.10	(0.40- 3.00)
9	JACKSO 1		f	h	c	b	2	0	-	-	-	-	4.00	(1.35- 13.10)
Subtotal 9													1.94	(0.91- 4.13)
*10	SANDLE 1		m	h	c	f	2	0	122	1248	248	2914	1.15	(0.93- 1.41)
*10	SANDLE 3		f	h	c	f	2	0	551	9551	437	5322	0.70	(0.62- 0.79)
Subtotal 10													0.80	(0.72- 0.88)
*11	HUMBLE 1		f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
12	DOBSON 3		m	h	c	b	2	0	22	34	161	259	1.04	(0.59- 1.84)
12	DOBSON 1		f	h	c	b	2	0	43	99	117	433	1.61	(1.06- 2.43)
Subtotal 12													1.39	(0.99- 1.93)
13	LAVECC 5		m	s	c	n	8	0	7	17	55	140	1.05	(0.41- 2.67)
13	LAVECC 3		f	s	c	n	8	0	17	20	11	17	1.31	(0.48- 3.56)
Subtotal 13													1.16	(0.59- 2.30)
Partial Totals									762	10969	1029	9085		
*prospective study														

1993-96

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
14	LAYARD 1		m	s	e	f	2	0	97	215	378	783	0.93	(0.71- 1.22)
14	LAYARD 9		f	s	e	f	2	0	455	961	459	969	1.00	(0.85- 1.17)
Subtotal 14													0.98	(0.86- 1.13)
*15	LEVOIS 2		m	s	c	f	8	2	-	-	-	-	0.98	(0.91- 1.06)
*15	LEVOIS 7		f	s	c	f	8	2	-	-	-	-	1.04	(0.99- 1.09)
Subtotal 15													1.02	(0.98- 1.07)
17	MUSCAT 1		m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
17	MUSCAT 2		f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
Subtotal 17													1.36	(0.80- 2.30)
18	TUNSTA 1		c	t	c	n	2	0	329	1216	99	483	1.32	(1.03- 1.69)
*19	STEENL 1		m	s	c	f	8	12	-	-	-	-	1.22	(1.07- 1.40)
*19	STEENL 2		f	s	c	f	8	13	-	-	-	-	1.10	(0.96- 1.27)
Subtotal 19													1.16	(1.05- 1.28)
Partial Totals									929	2444	1002	2341		
*prospective study														

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 23
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By publication year (grouped) - unadjusted

1997-00

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
20	JANGHO	1	f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
22	CIRUZZ	5	m	s	c	n	2	0	15	22	141	206	1.00	(0.50- 1.99)
22	CIRUZZ	6	f	s	c	n	2	0	29	25	151	193	1.48	(0.83- 2.64)
Subtotal 22														
23	MCELDU	3	m	t	c	b	2	0	53	172	145	373	0.79	(0.55- 1.14)
23	MCELDU	1	f	t	c	b	2	0	31	147	54	479	1.87	(1.16- 3.02)
Subtotal 23														
25	HE	1	f	s	e	n	2	0	76	95	39	113	2.32	(1.44- 3.72)
Partial Totals									267	561	667	1664		
*prospective study														

2001-

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
Subtotal 26														
27	ROSENL	3	m	s	c	n	8	0	27	51	141	285	1.07	(0.64- 1.78)
27	ROSENL	15	f	s	c	n	8	0	21	24	59	144	2.14	(1.10- 4.13)
Subtotal 27														
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
*29	ENSTRO	7	m	s	c	f	8	1	-	-	-	-	0.94	(0.83- 1.07)
*29	ENSTRO	23	f	s	c	f	8	1	-	-	-	-	1.01	(0.93- 1.09)
Subtotal 29														
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
31	NISHTA	3	c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
33	MCGHEE	5	m	h	p	f	2	0	74	71	285	347	1.27	(0.88- 1.82)
33	MCGHEE	6	f	h	p	f	2	0	113	150	112	195	1.31	(0.94- 1.84)
Subtotal 33														
Partial Totals									235	296	597	971		
*prospective study														

Relative risks	1984-88		1989-92		1993-96		1997-00		2001-		Total	
	N	7	11	9	7	11	45					
	NS	6	6	5	5	7	29					
	Wt	136.77	439.28	3012.65	119.63	1739.92	5448.25					
	Het Chi	7.64	50.47	13.71	16.09	24.01	132.32					
	Het df	6	10	8	6	10	44					
	Het P	N.S.	***	(*)	*	**	***					
	Fixed RR	1.12	0.90	1.04	1.35	1.09	1.05					
	RRl	0.95	0.82	1.01	1.13	1.04	1.03					
	RRu	1.32	0.99	1.08	1.61	1.14	1.08					
	P	N.S.	-	+	++	+++	+++					
	Random RR	1.20	1.30	1.06	1.40	1.13	1.15					
	RRl	0.95	0.96	1.00	1.03	1.03	1.07					
	RRu	1.53	1.74	1.13	1.89	1.25	1.23					
	P	N.S.	(+)	(+)	+	+	+++					
	Asymm P	N.S.	**	N.S.	N.S.	(*)	**					
	Between Chi		4.71	0.60	2.20	0.07	20.40					
	Between df		1	1	1	1	4					
	Between P		-	N.S.	N.S.	N.S.	***					

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 24
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By number of heart disease cases (grouped) - adjusted

1-99

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*2	GARLAN 4		f	s	c	f	8	1	-	-	-	-	2.25 (0.32- 15.74)	
4	MARTIN 1		f	s	e	n	2	6	-	-	-	-	2.60 (1.20- 5.70)	
*5	SVENDS 2		m	s	c	b	2	6	-	-	-	-	1.61 (0.96- 2.71)	
*6	BUTLER 4		f	s	c	f	8	1	-	-	-	-	1.40 (0.51- 3.84)	
*11	HUMBLE 1		f	s	c	f	8	4	-	-	-	-	1.59 (0.99- 2.57)	
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38 (1.04- 5.42)	
Partial Totals									0	0	0	0		

*prospective study

100-199

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
3	LEE 2		m	s	m	n	2	2	-	-	-	-	1.24 (0.59- 2.59)	
3	LEE 4		f	s	m	n	2	2	-	-	-	-	0.93 (0.54- 1.61)	
Subtotal 3													1.03 (0.66- 1.60)	
*8	HOLE 3		m	h	e	f	2	5	-	-	-	-	1.73 (1.01- 2.96)	
*8	HOLE 2		f	h	e	f	2	5	-	-	-	-	1.65 (0.79- 3.46)	
Subtotal 8													1.70 (1.10- 2.63)	
13	LAVECC 11		c	s	c	n	8	8	-	-	-	-	1.21 (0.57- 2.52)	
17	MUSCAT 1		m	s	e	n	2	0	20	25	48	83	1.38 (0.70- 2.75)	
17	MUSCAT 2		f	s	e	n	2	0	28	27	18	23	1.33 (0.59- 2.99)	
Subtotal 17													1.36 (0.80- 2.30)	
*21	KAWACH 11		f	h	c	b	2	15	-	-	-	-	1.53 (0.81- 2.90)	
25	HE 2		f	s	e	n	2	6	-	-	-	-	1.60 (0.94- 2.90)	
Partial Totals									48	52	66	106		

*prospective study

200-999

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA 6		f	s	e	f	2	1	-	-	-	-	1.16 (0.94- 1.43)	
9	JACKSO 4		m	h	c	b	2	2	-	-	-	-	1.06 (0.39- 2.91)	
9	JACKSO 2		f	h	c	b	2	2	-	-	-	-	3.74 (1.15- 12.19)	
Subtotal 9													1.20 (0.98- 1.46)	
12	DOBSON 4		m	h	c	b	2	2	-	-	-	-	0.97 (0.50- 1.86)	
12	DOBSON 2		f	h	c	b	2	2	-	-	-	-	2.46 (1.47- 4.13)	
Subtotal 12													1.72 (1.15- 2.59)	
18	TUNSTA 2		c	t	c	n	2	4	-	-	-	-	1.34 (1.07- 1.67)	
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38 (0.95- 2.01)	
22	CIRUZZ 7		m	s	c	n	2	9	-	-	-	-	1.18 (0.55- 2.52)	
22	CIRUZZ 8		f	s	c	n	2	9	-	-	-	-	1.73 (0.89- 3.36)	
Subtotal 22													1.47 (0.89- 2.42)	
23	MCELDU 4		m	t	c	b	2	4	-	-	-	-	0.82 (0.55- 1.22)	
23	MCELDU 2		f	t	c	b	2	4	-	-	-	-	2.15 (1.18- 3.92)	
Subtotal 23													1.10 (0.79- 1.53)	
27	ROSENL 4		m	s	c	n	8	8	-	-	-	-	0.98 (0.57- 1.69)	
27	ROSENL 16		f	s	c	n	8	8	-	-	-	-	2.59 (1.27- 5.29)	
Subtotal 27													1.40 (0.91- 2.16)	
28	PITSAV 9		c	h	c	n	a	6	-	-	-	-	1.33 (0.89- 1.99)	
30	CHEN 10		c	h	c	n	2	10	-	-	-	-	1.20 (0.70- 2.20)	
33	MCGHEE 1		m	h	p	f	2	2	-	-	-	-	1.30 (0.88- 1.93)	
33	MCGHEE 2		f	h	p	f	2	2	-	-	-	-	1.39 (0.95- 2.04)	
Subtotal 33													1.35 (1.02- 1.77)	
Partial Totals									63	100	137	300		

*prospective study

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 24
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By number of heart disease cases (grouped) - adjusted

1000+

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									exposed		Non-exposed			
									Case	Cont	Case	Cont		
*10	SANDLE	2	m	h	c	f	2	4	-	-	-	-	1.31	(1.05- 1.64)
*10	SANDLE	4	f	h	c	f	2	4	-	-	-	-	1.19	(1.04- 1.36)
Subtotal 10													1.22	(1.09- 1.37)
14	LAYARD	2	m	s	e	f	2	2	-	-	-	-	0.97	(0.73- 1.28)
14	LAYARD	10	f	s	e	f	2	2	-	-	-	-	0.99	(0.84- 1.16)
Subtotal 14													0.98	(0.86- 1.13)
*15	LEVOIS	2	m	s	c	f	8	2	-	-	-	-	0.98	(0.91- 1.06)
*15	LEVOIS	7	f	s	c	f	8	2	-	-	-	-	1.04	(0.99- 1.09)
Subtotal 15													1.02	(0.98- 1.07)
*19	STEENL	1	m	s	c	f	8	12	-	-	-	-	1.22	(1.07- 1.40)
*19	STEENL	2	f	s	c	f	8	13	-	-	-	-	1.10	(0.96- 1.27)
Subtotal 19													1.16	(1.05- 1.28)
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
Subtotal 26													1.17	(1.09- 1.26)
*29	ENSTRO	15	m	s	c	f	8	8	-	-	-	-	0.92	(0.80- 1.05)
*29	ENSTRO	31	f	s	c	f	8	8	-	-	-	-	0.97	(0.89- 1.06)
Subtotal 29													0.96	(0.89- 1.03)
Partial Totals									0	0	0	0		
*prospective study														

Relative risks		1-99	100-199	200-999	1000+	Total
	N	6	9	17	12	44
	NS	6	6	11	6	29
	Wt	47.90	82.70	379.52	4689.95	5200.07
	Het Chi	2.02	3.49	24.59	33.33	96.31
	Het df	5	8	16	11	43
	Het P	N.S.	N.S.	(*)	***	***
Fixed	RR	1.78	1.38	1.31	1.06	1.08
	RRl	1.34	1.11	1.18	1.03	1.05
	RRu	2.36	1.71	1.44	1.09	1.11
	P	+++	++	+++	+++	+++
Random	RR	1.78	1.38	1.34	1.07	1.17
	RRl	1.34	1.11	1.17	1.01	1.10
	RRu	2.36	1.71	1.54	1.14	1.24
	P	+++	++	+++	+	+++
Asymm	P	N.S.	N.S.	N.S.	N.S.	***
Between	Chi		1.96	4.10	12.93	32.88
Between	df		1	1	1	3
Between	P		N.S.	-	---	***

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 25
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By study type - adjusted

case-control

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									exposed		Non-exposed			
									Case	Cont	Case	Cont		
3	LEE	2	m	s	m	n	2	2	-	-	-	-	1.24	(0.59- 2.59)
3	LEE	4	f	s	m	n	2	2	-	-	-	-	0.93	(0.54- 1.61)
Subtotal 3														
9	JACKSO	4	m	h	c	b	2	2	-	-	-	-	1.06	(0.39- 2.91)
9	JACKSO	2	f	h	c	b	2	2	-	-	-	-	3.74	(1.15- 12.19)
Subtotal 9														
12	DOBSON	4	m	h	c	b	2	2	-	-	-	-	0.97	(0.50- 1.86)
12	DOBSON	2	f	h	c	b	2	2	-	-	-	-	2.46	(1.47- 4.13)
Subtotal 12														
13	LAVECC	11	c	s	c	n	8	8	-	-	-	-	1.72	(1.15- 2.59)
14	LAYARD	2	m	s	e	f	2	2	-	-	-	-	1.21	(0.57- 2.52)
14	LAYARD	10	f	s	e	f	2	2	-	-	-	-	0.99	(0.84- 1.16)
Subtotal 14														
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
Subtotal 17														
20	JANGHO	1	f	s	e	n	2	0	63	100	137	300	1.36	(0.80- 2.30)
22	CIRUZZ	7	m	s	c	n	2	9	-	-	-	-	1.38	(0.95- 2.01)
22	CIRUZZ	8	f	s	c	n	2	9	-	-	-	-	1.18	(0.55- 2.52)
Subtotal 22														
23	MCELDU	4	m	t	c	b	2	4	-	-	-	-	1.73	(0.89- 3.36)
23	MCELDU	2	f	t	c	b	2	4	-	-	-	-	1.47	(0.89- 2.42)
Subtotal 23														
25	HE	2	f	s	e	n	2	6	-	-	-	-	0.82	(0.55- 1.22)
27	ROSENL	4	m	s	c	n	8	8	-	-	-	-	2.15	(1.18- 3.92)
27	ROSENL	16	f	s	c	n	8	8	-	-	-	-	1.10	(0.79- 1.53)
Subtotal 27														
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.60	(0.94- 2.90)
31	NISHTA	3	c	s	e	n	1	1	-	-	-	-	0.98	(0.57- 1.69)
33	MCGHEE	1	m	h	p	f	2	2	-	-	-	-	2.59	(1.27- 5.29)
33	MCGHEE	2	f	h	p	f	2	2	-	-	-	-	1.40	(0.91- 2.16)
Subtotal 33														
Partial Totals									111	152	203	406	1.33	(0.89- 1.99)
*prospective study														

prospective

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									exposed		Non-exposed			
									Case	Cont	Case	Cont		
*1	HIRAYA	6	f	s	e	f	2	1	-	-	-	-	1.16	(0.94- 1.43)
*2	GARLAN	4	f	s	c	f	8	1	-	-	-	-	2.25	(0.32- 15.74)
*5	SVENDS	2	m	s	c	b	2	6	-	-	-	-	1.61	(0.96- 2.71)
*6	BUTLER	4	f	s	c	f	8	1	-	-	-	-	1.40	(0.51- 3.84)
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
Subtotal 8														
*10	SANDLE	2	m	h	c	f	2	4	-	-	-	-	1.70	(1.10- 2.63)
*10	SANDLE	4	f	h	c	f	2	4	-	-	-	-	1.31	(1.05- 1.64)
Subtotal 10														
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.19	(1.04- 1.36)
*15	LEVOIS	2	m	s	c	f	8	2	-	-	-	-	1.22	(1.09- 1.37)
*15	LEVOIS	7	f	s	c	f	8	2	-	-	-	-	1.59	(0.99- 2.57)
Subtotal 15														
*19	STEENL	1	m	s	c	f	8	12	-	-	-	-	0.98	(0.91- 1.06)
*19	STEENL	2	f	s	c	f	8	13	-	-	-	-	1.04	(0.99- 1.09)
Subtotal 19														
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.02	(0.98- 1.07)
*29	ENSTRO	15	m	s	c	f	8	8	-	-	-	-	1.22	(1.07- 1.40)
*29	ENSTRO	31	f	s	c	f	8	8	-	-	-	-	1.10	(0.96- 1.27)
Subtotal 29														
Partial Totals									0	0	0	0	1.16	(1.05- 1.28)
*prospective study														

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 25

ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
By study type - adjusted

crosssectional

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									exposed		Non-exposed			
									Case	Cont	Case	Cont		
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
18	TUNSTA	2	c	t	c	n	2	4	-	-	-	-	1.34	(1.07- 1.67)
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
Subtotal		26											1.17	(1.09- 1.26)
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
Partial Totals									0	0	0	0		

*prospective study

Relative risks	case-con		prospect	crosssec	Total
		N	23	16	5
	NS	14	11	4	29
	Wt	457.74	3882.77	859.56	5200.07
	Het Chi	38.55	35.78	5.69	96.31
	Het df	22	15	4	43
	Het P	*	**	N.S.	***
Fixed	RR	1.18	1.05	1.20	1.08
	RR1	1.08	1.02	1.12	1.05
	RRu	1.30	1.08	1.28	1.11
	P	+++	++	+++	+++
Random	RR	1.30	1.10	1.21	1.17
	RR1	1.13	1.03	1.10	1.10
	RRu	1.49	1.18	1.33	1.24
	P	+++	++	+++	+++
Asymm	P	**	**	N.S.	***
Between	Chi		6.07	0.03	16.28
Between	df		1	1	2
Between	P		-	N.S.	***

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 26
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By number of confounders considered (grouped) - adjusted

										Numbers					
										Numbers exposed		Non-exposed			
StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI	
*1	HIRAYA	6	f	s	e	f	2	1	-	-	-	-	1.16	(0.94- 1.43)	
3	LEE	2	m	s	m	n	2	2	-	-	-	-	1.24	(0.59- 2.59)	
3	LEE	4	f	s	m	n	2	2	-	-	-	-	0.93	(0.54- 1.61)	
Subtotal	3												1.13	(0.94- 1.37)	
*6	BUTLER	4	f	s	c	f	8	1	-	-	-	-	1.40	(0.51- 3.84)	
14	LAYARD	2	m	s	e	f	2	2	-	-	-	-	0.97	(0.73- 1.28)	
14	LAYARD	10	f	s	e	f	2	2	-	-	-	-	0.99	(0.84- 1.16)	
Subtotal	14												0.98	(0.86- 1.13)	
*15	LEVOIS	2	m	s	c	f	8	2	-	-	-	-	0.98	(0.91- 1.06)	
*15	LEVOIS	7	f	s	c	f	8	2	-	-	-	-	1.04	(0.99- 1.09)	
Subtotal	15												1.02	(0.98- 1.07)	
20	JANGHO	1	f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)	
31	NISHTA	3	c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)	
33	MCGHEE	1	m	h	p	f	2	2	-	-	-	-	1.30	(0.88- 1.93)	
33	MCGHEE	2	f	h	p	f	2	2	-	-	-	-	1.39	(0.95- 2.04)	
Subtotal	33												1.35	(1.02- 1.77)	
Partial Totals									63	100	137	300			
*prospective study															

										Numbers					
										Numbers exposed		Non-exposed			
StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI	
*10	SANDLE	2	m	h	c	f	2	4	-	-	-	-	1.31	(1.05- 1.64)	
*10	SANDLE	4	f	h	c	f	2	4	-	-	-	-	1.19	(1.04- 1.36)	
Subtotal	10												1.22	(1.09- 1.37)	
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)	
12	DOBSON	4	m	h	c	b	2	2	-	-	-	-	0.97	(0.50- 1.86)	
12	DOBSON	2	f	h	c	b	2	2	-	-	-	-	2.46	(1.47- 4.13)	
Subtotal	12												1.72	(1.15- 2.59)	
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)	
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)	
Subtotal	17												1.36	(0.80- 2.30)	
18	TUNSTA	2	c	t	c	n	2	4	-	-	-	-	1.34	(1.07- 1.67)	
23	MCELDU	4	m	t	c	b	2	4	-	-	-	-	0.82	(0.55- 1.22)	
23	MCELDU	2	f	t	c	b	2	4	-	-	-	-	2.15	(1.18- 3.92)	
Subtotal	23												1.10	(0.79- 1.53)	
Partial Totals									48	52	66	106			
*prospective study															

										Numbers					
										Numbers exposed		Non-exposed			
StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI	
*2	GARLAN	4	f	s	c	f	8	1	-	-	-	-	2.25	(0.32- 15.74)	
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)	
*5	SVENDS	2	m	s	c	b	2	6	-	-	-	-	1.61	(0.96- 2.71)	
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)	
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)	
Subtotal	8												1.70	(1.10- 2.63)	
9	JACKSO	4	m	h	c	b	2	2	-	-	-	-	1.06	(0.39- 2.91)	
9	JACKSO	2	f	h	c	b	2	2	-	-	-	-	3.74	(1.15- 12.19)	
Subtotal	9												1.80	(0.84- 3.87)	
13	LAVECC	11	c	s	c	n	8	8	-	-	-	-	1.21	(0.57- 2.52)	
*19	STEENL	1	m	s	c	f	8	12	-	-	-	-	1.22	(1.07- 1.40)	
*19	STEENL	2	f	s	c	f	8	13	-	-	-	-	1.10	(0.96- 1.27)	
Subtotal	19												1.16	(1.05- 1.28)	
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)	
22	CIRUZZ	7	m	s	c	n	2	9	-	-	-	-	1.18	(0.55- 2.52)	
22	CIRUZZ	8	f	s	c	n	2	9	-	-	-	-	1.73	(0.89- 3.36)	
Subtotal	22												1.47	(0.89- 2.42)	
25	HE	2	f	s	e	n	2	6	-	-	-	-	1.60	(0.94- 2.90)	

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 26
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By number of confounders considered (grouped) - adjusted

5+										Numbers					
StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)	
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)	
Subtotal 26													1.17	(1.09- 1.26)	
27	ROSENL	4	m	s	c	n	8	8	-	-	-	-	0.98	(0.57- 1.69)	
27	ROSENL	16	f	s	c	n	8	8	-	-	-	-	2.59	(1.27- 5.29)	
Subtotal 27													1.40	(0.91- 2.16)	
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)	
*29	ENSTRO	15	m	s	c	f	8	8	-	-	-	-	0.92	(0.80- 1.05)	
*29	ENSTRO	31	f	s	c	f	8	8	-	-	-	-	0.97	(0.89- 1.06)	
Subtotal 29													0.96	(0.89- 1.03)	
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)	
Partial Totals									0	0	0	0			
*prospective study															
							0-2	3-4	5+	Total					
Relative risks															
							N	12	10	22	44				
							NS	8	6	15	29				
							Wt	2710.86	457.35	2031.86	5200.07				
							Het Chi	14.11	16.65	47.19	96.31				
							Het df	11	9	21	43				
							Het P	N.S.	(*)	***	***				
							Fixed RR	1.03	1.27	1.11	1.08				
							RRl	1.00	1.16	1.06	1.05				
							RRu	1.07	1.39	1.16	1.11				
							P	(+)	+++	+++	+++				
							Random RR	1.05	1.32	1.19	1.17				
							RRl	0.99	1.13	1.09	1.10				
							RRu	1.12	1.55	1.31	1.24				
							P	N.S.	+++	+++	+++				
							Asymm P	*	N.S.	**	***				
							Between Chi		16.27	5.77	18.36				
							Between df		1	1	2				
							Between P		+++	+	***				

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 27
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By results available on dose-response - adjusted

none

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*2	GARLAN	4	f	s	c	f	8	1	-	-	-	-	2.25 (0.32- 15.74)	
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60 (1.20- 5.70)	
*6	BUTLER	4	f	s	c	f	8	1	-	-	-	-	1.40 (0.51- 3.84)	
*10	SANDLE	2	m	h	c	f	2	4	-	-	-	-	1.31 (1.05- 1.64)	
*10	SANDLE	4	f	h	c	f	2	4	-	-	-	-	1.19 (1.04- 1.36)	
Subtotal	10												1.22 (1.09- 1.37)	
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59 (0.99- 2.57)	
12	DOBSON	4	m	h	c	b	2	2	-	-	-	-	0.97 (0.50- 1.86)	
12	DOBSON	2	f	h	c	b	2	2	-	-	-	-	2.46 (1.47- 4.13)	
Subtotal	12												1.72 (1.15- 2.59)	
23	MCELDU	4	m	t	c	b	2	4	-	-	-	-	0.82 (0.55- 1.22)	
23	MCELDU	2	f	t	c	b	2	4	-	-	-	-	2.15 (1.18- 3.92)	
Subtotal	23												1.10 (0.79- 1.53)	
Partial Totals									0	0	0	0		

*prospective study

results given

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA	6	f	s	e	f	2	1	-	-	-	-	1.16 (0.94- 1.43)	
3	LEE	2	m	s	m	n	2	2	-	-	-	-	1.24 (0.59- 2.59)	
3	LEE	4	f	s	m	n	2	2	-	-	-	-	0.93 (0.54- 1.61)	
Subtotal	3												1.13 (0.94- 1.37)	
*5	SVENDS	2	m	s	c	b	2	6	-	-	-	-	1.61 (0.96- 2.71)	
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73 (1.01- 2.96)	
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65 (0.79- 3.46)	
Subtotal	8												1.70 (1.10- 2.63)	
9	JACKSO	4	m	h	c	b	2	2	-	-	-	-	1.06 (0.39- 2.91)	
9	JACKSO	2	f	h	c	b	2	2	-	-	-	-	3.74 (1.15- 12.19)	
Subtotal	9												1.80 (0.84- 3.87)	
13	LAVECC	11	c	s	c	n	8	8	-	-	-	-	1.21 (0.57- 2.52)	
14	LAYARD	2	m	s	e	f	2	2	-	-	-	-	0.97 (0.73- 1.28)	
14	LAYARD	10	f	s	e	f	2	2	-	-	-	-	0.99 (0.84- 1.16)	
Subtotal	14												0.98 (0.86- 1.13)	
*15	LEVOIS	2	m	s	c	f	8	2	-	-	-	-	0.98 (0.91- 1.06)	
*15	LEVOIS	7	f	s	c	f	8	2	-	-	-	-	1.04 (0.99- 1.09)	
Subtotal	15												1.02 (0.98- 1.07)	
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38 (0.70- 2.75)	
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33 (0.59- 2.99)	
Subtotal	17												1.36 (0.80- 2.30)	
18	TUNSTA	2	c	t	c	n	2	4	-	-	-	-	1.34 (1.07- 1.67)	
*19	STEENL	1	m	s	c	f	8	12	-	-	-	-	1.22 (1.07- 1.40)	
*19	STEENL	2	f	s	c	f	8	13	-	-	-	-	1.10 (0.96- 1.27)	
Subtotal	19												1.16 (1.05- 1.28)	
20	JANGHO	1	f	s	e	n	2	0	63	100	137	300	1.38 (0.95- 2.01)	
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53 (0.81- 2.90)	
22	CIRUZZ	7	m	s	c	n	2	9	-	-	-	-	1.18 (0.55- 2.52)	
22	CIRUZZ	8	f	s	c	n	2	9	-	-	-	-	1.73 (0.89- 3.36)	
Subtotal	22												1.47 (0.89- 2.42)	
25	HE	2	f	s	e	n	2	6	-	-	-	-	1.60 (0.94- 2.90)	
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13 (1.00- 1.27)	
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20 (1.09- 1.30)	
Subtotal	26												1.17 (1.09- 1.26)	
27	ROSENL	4	m	s	c	n	8	8	-	-	-	-	0.98 (0.57- 1.69)	
27	ROSENL	16	f	s	c	n	8	8	-	-	-	-	2.59 (1.27- 5.29)	
Subtotal	27												1.40 (0.91- 2.16)	
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33 (0.89- 1.99)	
*29	ENSTRO	15	m	s	c	f	8	8	-	-	-	-	0.92 (0.80- 1.05)	
*29	ENSTRO	31	f	s	c	f	8	8	-	-	-	-	0.97 (0.89- 1.06)	
Subtotal	29												0.96 (0.89- 1.03)	
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20 (0.70- 2.20)	
31	NISHTA	3	c	s	e	n	1	1	-	-	-	-	2.38 (1.04- 5.42)	

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 27

ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By results available on dose-response - adjusted

results given

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
33	MCGHEE 1		m	h	p	f	2	2	-	-	-	-	1.30 (0.88-	1.93)
33	MCGHEE 2		f	h	p	f	2	2	-	-	-	-	1.39 (0.95-	2.04)
Subtotal 33													1.35 (1.02-	1.77)
Partial Totals									111	152	203	406		

*prospective study

Relative risks	none	no assoc	sig assoc	results	Total
N		10		34	44
NS		7		22	29
Wt	376.97			4823.11	5200.07
Het Chi	19.98			66.03	96.31
Het df	9			33	43
Het P	*			***	***
Fixed RR	1.27			1.07	1.08
RRl	1.15			1.04	1.05
RRu	1.40			1.10	1.11
P	+++			+++	+++
Random RR	1.40			1.13	1.17
RRl	1.14			1.07	1.10
RRu	1.72			1.20	1.24
P	++			+++	+++
Asymm P	N.S.			***	***
Between Chi				10.30	10.30
Between df				1	1
Between P		N.S.	N.S.	--	**

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 28
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By spouse the index or not - adjusted

										Numbers						
										Numbers exposed		Non-exposed				
StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI		
*1	HIRAYA	6	f	s	e	f	2	1	-	-	-	-	1.16	(0.94-	1.43)	
*2	GARLAN	4	f	s	c	f	8	1	-	-	-	-	2.25	(0.32-	15.74)	
3	LEE	2	m	s	m	n	2	2	-	-	-	-	1.24	(0.59-	2.59)	
3	LEE	4	f	s	m	n	2	2	-	-	-	-	0.93	(0.54-	1.61)	
Subtotal 3										-	-	-	-	1.03	(0.66-	1.60)
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60	(1.20-	5.70)	
*5	SVENDS	2	m	s	c	b	2	6	-	-	-	-	1.61	(0.96-	2.71)	
*6	BUTLER	4	f	s	c	f	8	1	-	-	-	-	1.40	(0.51-	3.84)	
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59	(0.99-	2.57)	
13	LAVECC	11	c	s	c	n	8	8	-	-	-	-	1.21	(0.57-	2.52)	
14	LAYARD	2	m	s	e	f	2	2	-	-	-	-	0.97	(0.73-	1.28)	
14	LAYARD	10	f	s	e	f	2	2	-	-	-	-	0.99	(0.84-	1.16)	
Subtotal 14										-	-	-	-	0.98	(0.86-	1.13)
*15	LEVOIS	2	m	s	c	f	8	2	-	-	-	-	0.98	(0.91-	1.06)	
*15	LEVOIS	7	f	s	c	f	8	2	-	-	-	-	1.04	(0.99-	1.09)	
Subtotal 15										-	-	-	-	1.02	(0.98-	1.07)
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38	(0.70-	2.75)	
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33	(0.59-	2.99)	
Subtotal 17										-	-	-	-	1.36	(0.80-	2.30)
*19	STEENL	1	m	s	c	f	8	12	-	-	-	-	1.22	(1.07-	1.40)	
*19	STEENL	2	f	s	c	f	8	13	-	-	-	-	1.10	(0.96-	1.27)	
Subtotal 19										-	-	-	-	1.16	(1.05-	1.28)
20	JANGHO	1	f	s	e	n	2	0	63	100	137	300	1.38	(0.95-	2.01)	
22	CIRUZZ	7	m	s	c	n	2	9	-	-	-	-	1.18	(0.55-	2.52)	
22	CIRUZZ	8	f	s	c	n	2	9	-	-	-	-	1.73	(0.89-	3.36)	
Subtotal 22										-	-	-	-	1.47	(0.89-	2.42)
25	HE	2	f	s	e	n	2	6	-	-	-	-	1.60	(0.94-	2.90)	
27	ROSENL	4	m	s	c	n	8	8	-	-	-	-	0.98	(0.57-	1.69)	
27	ROSENL	16	f	s	c	n	8	8	-	-	-	-	2.59	(1.27-	5.29)	
Subtotal 27										-	-	-	-	1.40	(0.91-	2.16)
*29	ENSTRO	15	m	s	c	f	8	8	-	-	-	-	0.92	(0.80-	1.05)	
*29	ENSTRO	31	f	s	c	f	8	8	-	-	-	-	0.97	(0.89-	1.06)	
Subtotal 29										-	-	-	-	0.96	(0.89-	1.03)
31	NISHTA	3	c	s	e	n	1	1	-	-	-	-	2.38	(1.04-	5.42)	
Partial Totals										111	152	203	406			
*prospective study																
No																
										Numbers						
										Numbers exposed		Non-exposed				
StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Case	Cont	Case	Cont	RR	95.00%CI		
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73	(1.01-	2.96)	
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65	(0.79-	3.46)	
Subtotal 8										-	-	-	-	1.70	(1.10-	2.63)
9	JACKSO	4	m	h	c	b	2	2	-	-	-	-	1.06	(0.39-	2.91)	
9	JACKSO	2	f	h	c	b	2	2	-	-	-	-	3.74	(1.15-	12.19)	
Subtotal 9										-	-	-	-	1.80	(0.84-	3.87)
*10	SANDLE	2	m	h	c	f	2	4	-	-	-	-	1.31	(1.05-	1.64)	
*10	SANDLE	4	f	h	c	f	2	4	-	-	-	-	1.19	(1.04-	1.36)	
Subtotal 10										-	-	-	-	1.22	(1.09-	1.37)
12	DOBSON	4	m	h	c	b	2	2	-	-	-	-	0.97	(0.50-	1.86)	
12	DOBSON	2	f	h	c	b	2	2	-	-	-	-	2.46	(1.47-	4.13)	
Subtotal 12										-	-	-	-	1.72	(1.15-	2.59)
18	TUNSTA	2	c	t	c	n	2	4	-	-	-	-	1.34	(1.07-	1.67)	
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53	(0.81-	2.90)	
23	MCELDU	4	m	t	c	b	2	4	-	-	-	-	0.82	(0.55-	1.22)	
23	MCELDU	2	f	t	c	b	2	4	-	-	-	-	2.15	(1.18-	3.92)	
Subtotal 23										-	-	-	-	1.10	(0.79-	1.53)
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13	(1.00-	1.27)	
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20	(1.09-	1.30)	
Subtotal 26										-	-	-	-	1.17	(1.09-	1.26)
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33	(0.89-	1.99)	
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20	(0.70-	2.20)	

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 28

ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By spouse the index or not - adjusted

No									Numbers				RR	95.00%CI
StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Case	Cont	Case	Cont		
33	MCGHEE 1		m	h	p	f	2	2	-	-	-	-	1.30 (0.88- 1.93)	
33	MCGHEE 2		f	h	p	f	2	2	-	-	-	-	1.39 (0.95- 2.04)	
Subtotal 33													1.35 (1.02- 1.77)	
Partial Totals									0	0	0	0		
*prospective study														

Relative risks				Yes	No	Total
		N	26	18	44	
		NS	18	11	29	
		Wt	3886.58	1313.49	5200.07	
	Het	Chi	46.11	24.72	96.31	
	Het	df	25	17	43	
	Het	P	**	N.S.	***	
	Fixed	RR	1.04	1.22	1.08	
		RRl	1.01	1.16	1.05	
		RRu	1.07	1.29	1.11	
		P	+	+++	+++	
	Random	RR	1.09	1.26	1.17	
		RRl	1.02	1.16	1.10	
		RRu	1.16	1.38	1.24	
		P	++	+++	+++	
	Asymm	P	***	*	***	
	Between	Chi		25.47	25.47	
	Between	df		1	1	
	Between	P		+++	***	

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 29
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By heart disease type 1 - adjusted

Fatal

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
*1	HIRAYA 6		f	s	e	f	2	1	-	-	-	-	1.16 (0.94- 1.43)	
*2	GARLAN 4		f	s	c	f	8	1	-	-	-	-	2.25 (0.32- 15.74)	
*6	BUTLER 4		f	s	c	f	8	1	-	-	-	-	1.40 (0.51- 3.84)	
*8	HOLE 3		m	h	e	f	2	5	-	-	-	-	1.73 (1.01- 2.96)	
*8	HOLE 2		f	h	e	f	2	5	-	-	-	-	1.65 (0.79- 3.46)	
Subtotal 8													1.70 (1.10- 2.63)	
*10	SANDLE 2		m	h	c	f	2	4	-	-	-	-	1.31 (1.05- 1.64)	
*10	SANDLE 4		f	h	c	f	2	4	-	-	-	-	1.19 (1.04- 1.36)	
Subtotal 10													1.22 (1.09- 1.37)	
*11	HUMBLE 1		f	s	c	f	8	4	-	-	-	-	1.59 (0.99- 2.57)	
14	LAYARD 2		m	s	e	f	2	2	-	-	-	-	0.97 (0.73- 1.28)	
14	LAYARD 10		f	s	e	f	2	2	-	-	-	-	0.99 (0.84- 1.16)	
Subtotal 14													0.98 (0.86- 1.13)	
*15	LEVOIS 2		m	s	c	f	8	2	-	-	-	-	0.98 (0.91- 1.06)	
*15	LEVOIS 7		f	s	c	f	8	2	-	-	-	-	1.04 (0.99- 1.09)	
Subtotal 15													1.02 (0.98- 1.07)	
*19	STEENL 1		m	s	c	f	8	12	-	-	-	-	1.22 (1.07- 1.40)	
*19	STEENL 2		f	s	c	f	8	13	-	-	-	-	1.10 (0.96- 1.27)	
Subtotal 19													1.16 (1.05- 1.28)	
*29	ENSTRO 15		m	s	c	f	8	8	-	-	-	-	0.92 (0.80- 1.05)	
*29	ENSTRO 31		f	s	c	f	8	8	-	-	-	-	0.97 (0.89- 1.06)	
Subtotal 29													0.96 (0.89- 1.03)	
33	MCGHEE 1		m	h	p	f	2	2	-	-	-	-	1.30 (0.88- 1.93)	
33	MCGHEE 2		f	h	p	f	2	2	-	-	-	-	1.39 (0.95- 2.04)	
Subtotal 33													1.35 (1.02- 1.77)	
Partial Totals									0	0	0	0		
*prospective study														

Nonfatal

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
3	LEE 2		m	s	m	n	2	2	-	-	-	-	1.24 (0.59- 2.59)	
3	LEE 4		f	s	m	n	2	2	-	-	-	-	0.93 (0.54- 1.61)	
Subtotal 3													1.03 (0.66- 1.60)	
4	MARTIN 1		f	s	e	n	2	6	-	-	-	-	2.60 (1.20- 5.70)	
13	LAVECC 11		c	s	c	n	8	8	-	-	-	-	1.21 (0.57- 2.52)	
17	MUSCAT 1		m	s	e	n	2	0	20	25	48	83	1.38 (0.70- 2.75)	
17	MUSCAT 2		f	s	e	n	2	0	28	27	18	23	1.33 (0.59- 2.99)	
Subtotal 17													1.36 (0.80- 2.30)	
18	TUNSTA 2		c	t	c	n	2	4	-	-	-	-	1.34 (1.07- 1.67)	
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38 (0.95- 2.01)	
22	CIRUZZ 7		m	s	c	n	2	9	-	-	-	-	1.18 (0.55- 2.52)	
22	CIRUZZ 8		f	s	c	n	2	9	-	-	-	-	1.73 (0.89- 3.36)	
Subtotal 22													1.47 (0.89- 2.42)	
25	HE 2		f	s	e	n	2	6	-	-	-	-	1.60 (0.94- 2.90)	
26	IRIBAR 4		m	h	c	n	2	11	-	-	-	-	1.13 (1.00- 1.27)	
26	IRIBAR 19		f	h	c	n	2	11	-	-	-	-	1.20 (1.09- 1.30)	
Subtotal 26													1.17 (1.09- 1.26)	
27	ROSENL 4		m	s	c	n	8	8	-	-	-	-	0.98 (0.57- 1.69)	
27	ROSENL 16		f	s	c	n	8	8	-	-	-	-	2.59 (1.27- 5.29)	
Subtotal 27													1.40 (0.91- 2.16)	
28	PITSAV 9		c	h	c	n	a	6	-	-	-	-	1.33 (0.89- 1.99)	
30	CHEN 10		c	h	c	n	2	10	-	-	-	-	1.20 (0.70- 2.20)	
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38 (1.04- 5.42)	
Partial Totals									111	152	203	406		
*prospective study														

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 29
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By heart disease type 1 - adjusted

Both

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*5	SVENDS	2	m	s	c	b	2	6	-	-	-	-	1.61	(0.96- 2.71)
9	JACKSO	4	m	h	c	b	2	2	-	-	-	-	1.06	(0.39- 2.91)
9	JACKSO	2	f	h	c	b	2	2	-	-	-	-	3.74	(1.15- 12.19)
Subtotal 9													1.67	(1.09- 2.56)
12	DOBSON	4	m	h	c	b	2	2	-	-	-	-	0.97	(0.50- 1.86)
12	DOBSON	2	f	h	c	b	2	2	-	-	-	-	2.46	(1.47- 4.13)
Subtotal 12													1.72	(1.15- 2.59)
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
23	MCELDU	4	m	t	c	b	2	4	-	-	-	-	0.82	(0.55- 1.22)
23	MCELDU	2	f	t	c	b	2	4	-	-	-	-	2.15	(1.18- 3.92)
Subtotal 23													1.10	(0.79- 1.53)
Partial Totals									0	0	0	0		
*prospective study														

Relative risks	Fatal		Nonfatal		Both		Total	
	N	NS	N	NS	N	NS	N	NS
	18	11	18	13	8	5	44	29
	Wt	4106.49	1005.13	88.45	5200.07			
	Het Chi	35.81	17.11	17.96	96.31			
	Het df	17	17	7	43			
	Het P	**	N.S.	*	***			
	Fixed RR	1.05	1.22	1.42	1.08			
	RRl	1.01	1.15	1.15	1.05			
	RRu	1.08	1.30	1.74	1.11			
	P	++	+++	++	+++			
	Random RR	1.08	1.22	1.51	1.17			
	RRl	1.02	1.15	1.06	1.10			
	RRu	1.15	1.30	2.15	1.24			
	P	++	+++	+	+++			
	Asymm P	**	*	N.S.	***			
	Between Chi		18.98	7.92	25.43			
	Between df		1	1	2			
	Between P		+++	++	***			

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 30
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By heart disease type 2 - adjusted

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
*1	HIRAYA 6	f s e f 2 1	-	-	-	-	-	1.16 (0.94- 1.43)						
*2	GARLAN 4	f s c f 8 1	-	-	-	-	-	2.25 (0.32- 15.74)						
3	LEE 2	m s m n 2 2	-	-	-	-	-	1.24 (0.59- 2.59)						
3	LEE 4	f s m n 2 2	-	-	-	-	-	0.93 (0.54- 1.61)						
Subtotal 3								1.03 (0.66- 1.60)						
*5	SVENDS 2	m s c b 2 6	-	-	-	-	-	1.61 (0.96- 2.71)						
*6	BUTLER 4	f s c f 8 1	-	-	-	-	-	1.40 (0.51- 3.84)						
14	LAYARD 2	m s e f 2 2	-	-	-	-	-	0.97 (0.73- 1.28)						
14	LAYARD 10	f s e f 2 2	-	-	-	-	-	0.99 (0.84- 1.16)						
Subtotal 14								0.98 (0.86- 1.13)						
18	TUNSTA 2	c t c n 2 4	-	-	-	-	-	1.34 (1.07- 1.67)						
*19	STEENL 1	m s c f 8 12	-	-	-	-	-	1.22 (1.07- 1.40)						
*19	STEENL 2	f s c f 8 13	-	-	-	-	-	1.10 (0.96- 1.27)						
Subtotal 19								1.16 (1.05- 1.28)						
20	JANGHO 1	f s e n 2 0	63	100	137	300		1.38 (0.95- 2.01)						
*29	ENSTRO 15	m s c f 8 8	-	-	-	-	-	0.92 (0.80- 1.05)						
*29	ENSTRO 31	f s c f 8 8	-	-	-	-	-	0.97 (0.89- 1.06)						
Subtotal 29								0.96 (0.89- 1.03)						
30	CHEN 10	c h c n 2 10	-	-	-	-	-	1.20 (0.70- 2.20)						
31	NISHTA 3	c s e n 1 1	-	-	-	-	-	2.38 (1.04- 5.42)						
33	MCGHEE 1	m h p f 2 2	-	-	-	-	-	1.30 (0.88- 1.93)						
33	MCGHEE 2	f h p f 2 2	-	-	-	-	-	1.39 (0.95- 2.04)						
Subtotal 33								1.35 (1.02- 1.77)						
Partial Totals			63	100	137	300								
*prospective study														

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
4	MARTIN 1	f s e n 2 6	-	-	-	-	-	2.60 (1.20- 5.70)						
13	LAVECC 11	c s c n 8 8	-	-	-	-	-	1.21 (0.57- 2.52)						
17	MUSCAT 1	m s e n 2 0	20	25	48	83		1.38 (0.70- 2.75)						
17	MUSCAT 2	f s e n 2 0	28	27	18	23		1.33 (0.59- 2.99)						
Subtotal 17								1.36 (0.80- 2.30)						
22	CIRUZZ 7	m s c n 2 9	-	-	-	-	-	1.18 (0.55- 2.52)						
22	CIRUZZ 8	f s c n 2 9	-	-	-	-	-	1.73 (0.89- 3.36)						
Subtotal 22								1.47 (0.89- 2.42)						
23	MCELDU 4	m t c b 2 4	-	-	-	-	-	0.82 (0.55- 1.22)						
23	MCELDU 2	f t c b 2 4	-	-	-	-	-	2.15 (1.18- 3.92)						
Subtotal 23								1.10 (0.79- 1.53)						
27	ROSENL 4	m s c n 8 8	-	-	-	-	-	0.98 (0.57- 1.69)						
27	ROSENL 16	f s c n 8 8	-	-	-	-	-	2.59 (1.27- 5.29)						
Subtotal 27								1.40 (0.91- 2.16)						
Partial Totals			48	52	66	106								
*prospective study														

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 30
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 By heart disease type 2 - adjusted

other

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*10	SANDLE	2	m	h	c	f	2	4	-	-	-	-	1.31	(1.05- 1.64)
*10	SANDLE	4	f	h	c	f	2	4	-	-	-	-	1.19	(1.04- 1.36)
Subtotal 10													1.22	(1.09- 1.37)
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
*15	LEVOIS	2	m	s	c	f	8	2	-	-	-	-	0.98	(0.91- 1.06)
*15	LEVOIS	7	f	s	c	f	8	2	-	-	-	-	1.04	(0.99- 1.09)
Subtotal 15													1.02	(0.98- 1.07)
25	HE	2	f	s	e	n	2	6	-	-	-	-	1.60	(0.94- 2.90)
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
Subtotal 26													1.17	(1.09- 1.26)
Partial Totals									0	0	0	0		
*prospective study														

mixed

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
Subtotal 8													1.70	(1.10- 2.63)
9	JACKSO	4	m	h	c	b	2	2	-	-	-	-	1.06	(0.39- 2.91)
9	JACKSO	2	f	h	c	b	2	2	-	-	-	-	3.74	(1.15- 12.19)
Subtotal 9													1.80	(0.84- 3.87)
12	DOBSON	4	m	h	c	b	2	2	-	-	-	-	0.97	(0.50- 1.86)
12	DOBSON	2	f	h	c	b	2	2	-	-	-	-	2.46	(1.47- 4.13)
Subtotal 12													1.72	(1.15- 2.59)
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
Partial Totals									0	0	0	0		
*prospective study														

Relative risks	IHD		MI		other		mixed		Total	
	N	NS								
	18	13	10	6	8	5	8	5	44	29
	Wt	1615.49	98.01	3403.19	83.38	5200.07				
	Het Chi	31.10	16.30	23.86	8.43	96.31				
	Het df	17	9	7	7	43				
	Het P	*	(*)	**	N.S.	***				
	Fixed RR	1.06	1.33	1.08	1.58	1.08				
	RR1	1.01	1.09	1.04	1.27	1.05				
	RRu	1.12	1.62	1.11	1.96	1.11				
	P	+	++	+++	+++	+++				
	Random RR	1.12	1.42	1.13	1.59	1.17				
	RR1	1.03	1.08	1.04	1.25	1.10				
	RRu	1.21	1.87	1.22	2.02	1.24				
	P	++	+	++	+++	+++				
	Asymm P	*	*	*	N.S.	***				
	Between Chi		4.50	0.10	12.35	16.62				
	Between df		1	1	1	3				
	Between P		+	N.S.	+++	***				

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to any ETS (1), to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 31
ETS and Heart Disease - Meta-Analysis of Workplace Exposure, 15-MAR-05
 Workers only if available
 Overall - adjusted

Overall

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers				RR	95.00%CI		
							Case	Cont	Case	Cont				
3	LEE	6	m	w	e	1	-	-	-	-	0.66	(0.26-	1.66)	
3	LEE	8	f	w	e	1	-	-	-	-	0.69	(0.26-	1.87)	
Subtotal 3											0.67	(0.34-	1.32)	
*5	SVENDS	3	m	a	c	2	-	-	-	-	1.40	(0.80-	2.50)	
9	JACKSO	8	m	a	c	2	-	-	-	-	1.80	(0.94-	3.46)	
9	JACKSO	6	f	a	c	2	-	-	-	-	1.55	(0.48-	5.03)	
Subtotal 9											1.74	(0.98-	3.07)	
12	DOBSON	8	m	w	c	2	-	-	-	-	0.95	(0.51-	1.78)	
12	DOBSON	6	f	w	c	2	-	-	-	-	0.66	(0.17-	2.62)	
Subtotal 12											0.89	(0.51-	1.57)	
17	MUSCAT	4	m	a	e	3	-	-	-	-	1.20	(0.60-	2.20)	
17	MUSCAT	6	f	w	e	3	-	-	-	-	1.00	(0.40-	2.50)	
Subtotal 17											1.13	(0.66-	1.92)	
*19	STEENL	28	m	w	c	12	-	-	-	-	1.03	(0.89-	1.19)	
*19	STEENL	29	f	w	c	13	-	-	-	-	1.06	(0.84-	1.34)	
Subtotal 19											1.04	(0.92-	1.17)	
*21	KAWACH	8	f	w	c	15	-	-	-	-	1.68	(0.81-	3.47)	
25	HE	22	f	w	e	6	-	-	-	-	1.85	(0.86-	4.00)	
27	ROSENL	8	m	a	e	8	-	-	-	-	1.14	(0.78-	1.67)	
27	ROSENL	20	f	a	e	8	-	-	-	-	0.94	(0.59-	1.50)	
Subtotal 27											1.06	(0.79-	1.42)	
28	PITSAV	8	c	a	c	6	-	-	-	-	1.97	(1.16-	3.34)	
30	CHEN	9	c	w	c	10	-	-	-	-	1.70	(0.90-	3.20)	
Partial Totals							0	0	0	0				

*prospective study

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Ys	Ws	Qs	Ps
3	LEE	6	m	w	e	1	-0.42	4.47	1.22	0.3796
3	LEE	8	f	w	e	1	-0.37	3.95	0.90	0.4610
Subtotal 3							-1.00	8.42	2.11	
*5	SVENDS	3	m	a	c	2	0.34	11.84	0.63	0.2470
9	JACKSO	8	m	a	c	2	0.59	9.05	2.10	0.0770
9	JACKSO	6	f	a	c	2	0.44	2.78	0.31	0.4646
Subtotal 9							0.81	11.83	2.41	
12	DOBSON	8	m	w	c	2	-0.05	9.83	0.24	0.8722
12	DOBSON	6	f	w	c	2	-0.42	2.05	0.56	0.5515
Subtotal 12							-0.68	11.89	0.80	
17	MUSCAT	4	m	a	e	3	0.18	9.10	0.05	0.5823
17	MUSCAT	6	f	w	e	3	0.00	4.58	0.05	1.0000
Subtotal 17							-0.03	13.68	0.10	
*19	STEENL	28	m	w	c	12	0.03	182.10	1.07	0.6900
*19	STEENL	29	f	w	c	13	0.06	70.45	0.16	0.6248
Subtotal 19							-0.12	252.55	1.23	
*21	KAWACH	8	f	w	c	15	0.52	7.26	1.24	0.1622
25	HE	22	f	w	e	6	0.62	6.50	1.69	0.1167
27	ROSENL	8	m	a	e	8	0.13	26.51	0.02	0.4999
27	ROSENL	20	f	a	e	8	-0.06	17.65	0.50	0.7949
Subtotal 27							-0.14	44.16	0.51	
28	PITSAV	8	c	a	c	6	0.68	13.74	4.49	0.0120
30	CHEN	9	c	w	c	10	0.53	9.55	1.72	0.1011

 Within each study, results are included (in the following order of preference) for:
 1) WKS Working status = all persons (a), workers only (w)
 2) TIM Time of exposure = current (c), ever (e)

Table 31
ETS and Heart Disease - Meta-Analysis of Workplace Exposure, 15-MAR-05
 Workers only if available
 Overall - adjusted

Relative risks

	N	17
	NS	11
	Wt	391.41
Het	Chi	16.94
Het	df	16
Het	P	N.S.
Fixed	RR	1.11
	RRl	1.01
	RRu	1.23
	P	+
Random	RR	1.13
	RRl	1.01
	RRu	1.27
	P	+
Asymm	P	N.S.

 Within each study, results are included (in the following order of preference) for:
 1) WKS Working status = all persons (a), workers only (w)
 2) TIM Time of exposure = current (c), ever (e)

Table 32
ETS and Heart Disease - Meta-Analysis of Workplace Exposure, 15-MAR-05
 Workers only if available
 Overall - unadjusted

Overall

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers				RR	95.00%CI	
							Case	Cont	Case	Cont			
3	LEE	5	m	w	e	0	13	58	17	40	0.53	(0.23-	1.21)
3	LEE	7	f	w	e	0	6	45	30	113	0.50	(0.20-	1.29)
Subtotal 3											0.52	(0.28-	0.96)
*5	SVENDS	3	m	a	c	2	-	-	-	-	1.40	(0.80-	2.50)
9	JACKSO	7	m	a	c	0	-	-	-	-	1.50	(0.80-	3.00)
9	JACKSO	5	f	a	c	0	-	-	-	-	2.20	(0.70-	7.40)
Subtotal 9											1.64	(0.92-	2.93)
12	DOBSON	7	m	w	c	0	27	79	48	126	0.90	(0.52-	1.55)
12	DOBSON	5	f	w	c	0	5	73	12	124	0.71	(0.24-	2.09)
Subtotal 12											0.85	(0.52-	1.39)
17	MUSCAT	3	m	a	e	0	44	66	24	42	1.17	(0.62-	2.19)
17	MUSCAT	5	f	w	e	0	20	22	15	16	0.97	(0.38-	2.46)
Subtotal 17											1.10	(0.65-	1.85)
*19	STEENL	28	m	w	c	12	-	-	-	-	1.03	(0.89-	1.19)
*19	STEENL	29	f	w	c	13	-	-	-	-	1.06	(0.84-	1.34)
Subtotal 19											1.04	(0.92-	1.17)
*21	KAWACH	8	f	w	c	15	-	-	-	-	1.68	(0.81-	3.47)
25	HE	21	f	w	e	0	33	43	26	83	2.45	(1.30-	4.61)
27	ROSENL	7	m	a	e	0	126	254	68	145	1.06	(0.74-	1.51)
27	ROSENL	19	f	a	e	0	68	143	57	120	1.00	(0.65-	1.54)
Subtotal 27											1.03	(0.79-	1.36)
28	PITSAV	8	c	a	c	6	-	-	-	-	1.97	(1.16-	3.34)
30	CHEN	9	c	w	c	10	-	-	-	-	1.70	(0.90-	3.20)
Partial Totals							342	783	297	809			

*prospective study

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Ys	Ws	Qs	Ps
3	LEE	5	m	w	e	0	-0.64	5.62	3.06	0.1294
3	LEE	7	f	w	e	0	-0.69	4.33	2.68	0.1519
Subtotal 3							-1.52	9.95	5.74	
*5	SVENDS	3	m	a	c	2	0.34	11.84	0.67	0.2470
9	JACKSO	7	m	a	c	0	0.41	8.80	0.83	0.2292
9	JACKSO	5	f	a	c	0	0.79	2.76	1.32	0.1900
Subtotal 9							1.00	11.56	2.15	
12	DOBSON	7	m	w	c	0	-0.11	12.74	0.54	0.6984
12	DOBSON	5	f	w	c	0	-0.35	3.28	0.65	0.5315
Subtotal 12							-0.65	16.02	1.19	
17	MUSCAT	3	m	a	e	0	0.15	9.68	0.03	0.6316
17	MUSCAT	5	f	w	e	0	-0.03	4.45	0.07	0.9482
Subtotal 17							-0.07	14.13	0.10	
*19	STEENL	28	m	w	c	12	0.03	182.10	0.86	0.6900
*19	STEENL	29	f	w	c	13	0.06	70.45	0.11	0.6248
Subtotal 19							-0.11	252.55	0.97	
*21	KAWACH	8	f	w	c	15	0.52	7.26	1.28	0.1622
25	HE	21	f	w	e	0	0.90	9.61	6.12	0.0055
27	ROSENL	7	m	a	e	0	0.06	29.87	0.05	0.7588
27	ROSENL	19	f	a	e	0	0.00	21.02	0.20	0.9960
Subtotal 27							-0.14	50.89	0.25	
28	PITSAV	8	c	a	c	6	0.68	13.74	4.62	0.0120
30	CHEN	9	c	w	c	10	0.53	9.55	1.79	0.1011

 Within each study, results are included (in the following order of preference) for:
 1) WKS Working status = all persons (a), workers only (w)
 2) TIM Time of exposure = current (c), ever (e)

Table 32
ETS and Heart Disease - Meta-Analysis of Workplace Exposure, 15-MAR-05
 Workers only if available
 Overall - unadjusted

Relative risks

	N	17
	NS	11
	Wt	407.08
Het	Chi	24.88
Het	df	16
Het	P	(*)
Fixed	RR	1.10
	RRl	1.00
	RRu	1.22
	P	+
Random	RR	1.16
	RRl	1.00
	RRu	1.36
	P	(+)
Asymm	P	N.S.

 Within each study, results are included (in the following order of preference) for:
 1) WKS Working status = all persons (a), workers only (w)
 2) TIM Time of exposure = current (c), ever (e)

Table 33
ETS and Heart Disease - Meta-Analysis of Workplace Exposure, 15-MAR-05
 Workers only if available
 By sex - adjusted

combined

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers				RR	95.00%CI
							Case	Cont	Case	Cont		
28	PITSAV	8	c	a	c	6	-	-	-	-	1.97 (1.16- 3.34)	
30	CHEN	9	c	w	c	10	-	-	-	-	1.70 (0.90- 3.20)	
Partial Totals							0	0	0	0		

*prospective study

male

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers				RR	95.00%CI
							Case	Cont	Case	Cont		
3	LEE	6	m	w	e	1	-	-	-	-	0.66 (0.26- 1.66)	
*5	SVENDS	3	m	a	c	2	-	-	-	-	1.40 (0.80- 2.50)	
9	JACKSO	8	m	a	c	2	-	-	-	-	1.80 (0.94- 3.46)	
12	DOBSON	8	m	w	c	2	-	-	-	-	0.95 (0.51- 1.78)	
17	MUSCAT	4	m	a	e	3	-	-	-	-	1.20 (0.60- 2.20)	
*19	STEENL	28	m	w	c	12	-	-	-	-	1.03 (0.89- 1.19)	
27	ROSENL	8	m	a	e	8	-	-	-	-	1.14 (0.78- 1.67)	
Partial Totals							0	0	0	0		

*prospective study

female

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers				RR	95.00%CI
							Case	Cont	Case	Cont		
3	LEE	8	f	w	e	1	-	-	-	-	0.69 (0.26- 1.87)	
9	JACKSO	6	f	a	c	2	-	-	-	-	1.55 (0.48- 5.03)	
12	DOBSON	6	f	w	c	2	-	-	-	-	0.66 (0.17- 2.62)	
17	MUSCAT	6	f	w	e	3	-	-	-	-	1.00 (0.40- 2.50)	
*19	STEENL	29	f	w	c	13	-	-	-	-	1.06 (0.84- 1.34)	
*21	KAWACH	8	f	w	c	15	-	-	-	-	1.68 (0.81- 3.47)	
25	HE	22	f	w	e	6	-	-	-	-	1.85 (0.86- 4.00)	
27	ROSENL	20	f	a	e	8	-	-	-	-	0.94 (0.59- 1.50)	
Partial Totals							0	0	0	0		

*prospective study

			combined	male	female	Total
Relative risks						
	N	2		7	8	17
	NS	2		7	8	17
	Wt	23.29		252.90	115.22	391.41
	Het Chi	0.12		4.98	5.34	16.94
	Het df	1		6	7	16
	Het P	N.S.		N.S.	N.S.	N.S.
	Fixed RR	1.85		1.07	1.09	1.11
	RRl	1.24		0.95	0.91	1.01
	RRu	2.78		1.21	1.31	1.23
	P	++		N.S.	N.S.	+
	Random RR	1.85		1.07	1.09	1.13
	RRl	1.24		0.95	0.91	1.01
	RRu	2.78		1.21	1.31	1.27
	P	++		N.S.	N.S.	+
	Asymm P			N.S.	N.S.	N.S.
	Between Chi			6.42	5.52	6.50
	Between df			1	1	2
	Between P			-	-	*

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

- 1) WKS Working status = all persons (a), workers only (w)
- 2) TIM Time of exposure = current (c), ever (e)

Table 34
ETS and Heart Disease - Meta-Analysis of Workplace Exposure, 15-MAR-05
 Workers only if available
 By sex - unadjusted

combined

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers				RR	95.00%CI
							Case	Cont	Case	Cont		
28	PITSAV	8	c	a	c	6	-	-	-	-	1.97 (1.16- 3.34)	
30	CHEN	9	c	w	c	10	-	-	-	-	1.70 (0.90- 3.20)	
Partial Totals							0	0	0	0		

*prospective study

male

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers				RR	95.00%CI
							Case	Cont	Case	Cont		
3	LEE	5	m	w	e	0	13	58	17	40	0.53 (0.23- 1.21)	
*5	SVENDS	3	m	a	c	2	-	-	-	-	1.40 (0.80- 2.50)	
9	JACKSO	7	m	a	c	0	-	-	-	-	1.50 (0.80- 3.00)	
12	DOBSON	7	m	w	c	0	27	79	48	126	0.90 (0.52- 1.55)	
17	MUSCAT	3	m	a	e	0	44	66	24	42	1.17 (0.62- 2.19)	
*19	STEENL	28	m	w	c	12	-	-	-	-	1.03 (0.89- 1.19)	
27	ROSENL	7	m	a	e	0	126	254	68	145	1.06 (0.74- 1.51)	
Partial Totals							210	457	157	353		

*prospective study

female

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers				RR	95.00%CI
							Case	Cont	Case	Cont		
3	LEE	7	f	w	e	0	6	45	30	113	0.50 (0.20- 1.29)	
9	JACKSO	5	f	a	c	0	-	-	-	-	2.20 (0.70- 7.40)	
12	DOBSON	5	f	w	c	0	5	73	12	124	0.71 (0.24- 2.09)	
17	MUSCAT	5	f	w	e	0	20	22	15	16	0.97 (0.38- 2.46)	
*19	STEENL	29	f	w	c	13	-	-	-	-	1.06 (0.84- 1.34)	
*21	KAWACH	8	f	w	c	15	-	-	-	-	1.68 (0.81- 3.47)	
25	HE	21	f	w	e	0	33	43	26	83	2.45 (1.30- 4.61)	
27	ROSENL	19	f	a	e	0	68	143	57	120	1.00 (0.65- 1.54)	
Partial Totals							132	326	140	456		

*prospective study

						combined	male	female	Total	
Relative risks										
						N	2	7	8	17
						NS	2	7	8	17
						Wt	23.29	260.64	123.16	407.08
						Het Chi	0.12	5.24	12.38	24.88
						Het df	1	6	7	16
						Het P	N.S.	N.S.	(*)	(*)
						Fixed RR	1.85	1.04	1.12	1.10
						RRl	1.24	0.92	0.94	1.00
						RRu	2.78	1.18	1.34	1.22
						P	++	N.S.	N.S.	+
						Random RR	1.85	1.04	1.17	1.16
						RRl	1.24	0.92	0.87	1.00
						RRu	2.78	1.18	1.58	1.36
						P	++	N.S.	N.S.	(+)
						Asymm P		N.S.	N.S.	N.S.
						Between Chi		7.07	4.90	7.13
						Between df		1	1	2
						Between P		--	-	*

 Within each study, results are included (in the following order of preference) for:
 1) WKS Working status = all persons (a), workers only (w)
 2) TIM Time of exposure = current (c), ever (e)

Table 35
ETS and Heart Disease - Meta-Analysis of Workplace Exposure, 15-MAR-05
 Workers only if available
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
*5	SVENDS	3	m	a	c	2	-	-	-	-	1.40	(0.80- 2.50)	
17	MUSCAT	4	m	a	e	3	-	-	-	-	1.20	(0.60- 2.20)	
17	MUSCAT	6	f	w	e	3	-	-	-	-	1.00	(0.40- 2.50)	
Subtotal 17							-	-	-	-	1.25	(0.85- 1.84)	
*19	STEENL	28	m	w	c	12	-	-	-	-	1.03	(0.89- 1.19)	
*19	STEENL	29	f	w	c	13	-	-	-	-	1.06	(0.84- 1.34)	
Subtotal 19							-	-	-	-	1.04	(0.92- 1.17)	
*21	KAWACH	8	f	w	c	15	-	-	-	-	1.68	(0.81- 3.47)	
Partial Totals							0	0	0	0			
*prospective study													

Europe

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
3	LEE	6	m	w	e	1	-	-	-	-	0.66	(0.26- 1.66)	
3	LEE	8	f	w	e	1	-	-	-	-	0.69	(0.26- 1.87)	
Subtotal 3							-	-	-	-	0.67	(0.34- 1.32)	
27	ROSENL	8	m	a	e	8	-	-	-	-	1.14	(0.78- 1.67)	
27	ROSENL	20	f	a	e	8	-	-	-	-	0.94	(0.59- 1.50)	
Subtotal 27							-	-	-	-	1.06	(0.79- 1.42)	
28	PITSAV	8	c	a	c	6	-	-	-	-	1.97	(1.16- 3.34)	
30	CHEN	9	c	w	c	10	-	-	-	-	1.70	(0.90- 3.20)	
Partial Totals							0	0	0	0			
*prospective study													

Asia

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
25	HE	22	f	w	e	6	-	-	-	-	1.85	(0.86- 4.00)	
Partial Totals							0	0	0	0			
*prospective study													

Other

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
9	JACKSO	8	m	a	c	2	-	-	-	-	1.80	(0.94- 3.46)	
9	JACKSO	6	f	a	c	2	-	-	-	-	1.55	(0.48- 5.03)	
Subtotal 9							-	-	-	-	1.74	(0.98- 3.07)	
12	DOBSON	8	m	w	c	2	-	-	-	-	0.95	(0.51- 1.78)	
12	DOBSON	6	f	w	c	2	-	-	-	-	0.66	(0.17- 2.62)	
Subtotal 12							-	-	-	-	0.89	(0.51- 1.57)	
Partial Totals							0	0	0	0			
*prospective study													

 Within each study, results are included (in the following order of preference) for:
 1) WKS Working status = all persons (a), workers only (w)
 2) TIM Time of exposure = current (c), ever (e)

Table 35
ETS and Heart Disease - Meta-Analysis of Workplace Exposure, 15-MAR-05
 Workers only if available
 By continent - adjusted

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	6	6	1	4	17
	NS	4	4	1	2	11
	Wt	285.32	75.87	6.50	23.72	391.41
	Het Chi	2.74	8.46	0.00	2.91	16.94
	Het df	5	5	0	3	16
	Het P	N.S.	N.S.	N.S.	N.S.	N.S.
Fixed	RR	1.07	1.19	1.85	1.24	1.11
	RRl	0.95	0.95	0.86	0.83	1.01
	RRu	1.20	1.50	3.99	1.86	1.23
	P	N.S.	N.S.	N.S.	N.S.	+
Random	RR	1.07	1.18	1.85	1.24	1.13
	RRl	0.95	0.86	0.86	0.83	1.01
	RRu	1.20	1.61	3.99	1.86	1.27
	P	N.S.	N.S.	N.S.	N.S.	+
Asymm	P	(*)	N.S.	N.S.	N.S.	N.S.
Between	Chi		0.74	1.92	0.51	2.82
Between	df		1	1	1	3
Between	P		N.S.	N.S.	N.S.	N.S.

 Within each study, results are included (in the following order of preference) for:
 1) WKS Working status = all persons (a), workers only (w)
 2) TIM Time of exposure = current (c), ever (e)

Table 36
ETS and Heart Disease - Meta-Analysis of Workplace Exposure, 15-MAR-05
 Workers only if available
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
*5	SVENDS 3		m	a	c	2	-	-	-	-	1.40 (0.80-	2.50)	
17	MUSCAT 3		m	a	e	0	44	66	24	42	1.17 (0.62-	2.19)	
17	MUSCAT 5		f	w	e	0	20	22	15	16	0.97 (0.38-	2.46)	
Subtotal 17											1.23 (0.84-	1.80)	
*19	STEENL 28		m	w	c	12	-	-	-	-	1.03 (0.89-	1.19)	
*19	STEENL 29		f	w	c	13	-	-	-	-	1.06 (0.84-	1.34)	
Subtotal 19											1.04 (0.92-	1.17)	
*21	KAWACH 8		f	w	c	15	-	-	-	-	1.68 (0.81-	3.47)	
Partial Totals							64	88	39	58			

*prospective study

Europe

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
3	LEE 5		m	w	e	0	13	58	17	40	0.53 (0.23-	1.21)	
3	LEE 7		f	w	e	0	6	45	30	113	0.50 (0.20-	1.29)	
Subtotal 3											0.52 (0.28-	0.96)	
27	ROSENL 7		m	a	e	0	126	254	68	145	1.06 (0.74-	1.51)	
27	ROSENL 19		f	a	e	0	68	143	57	120	1.00 (0.65-	1.54)	
Subtotal 27											1.03 (0.79-	1.36)	
28	PITSAV 8		c	a	c	6	-	-	-	-	1.97 (1.16-	3.34)	
30	CHEN 9		c	w	c	10	-	-	-	-	1.70 (0.90-	3.20)	
Partial Totals							213	500	172	418			

*prospective study

Asia

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
25	HE 21		f	w	e	0	33	43	26	83	2.45 (1.30-	4.61)	
Totals							33	43	26	83			

*prospective study

Other

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI	
							Case	Cont	Case	Cont			
9	JACKSO 7		m	a	c	0	-	-	-	-	1.50 (0.80-	3.00)	
9	JACKSO 5		f	a	c	0	-	-	-	-	2.20 (0.70-	7.40)	
Subtotal 9											1.64 (0.92-	2.93)	
12	DOBSON 7		m	w	c	0	27	79	48	126	0.90 (0.52-	1.55)	
12	DOBSON 5		f	w	c	0	5	73	12	124	0.71 (0.24-	2.09)	
Subtotal 12											0.85 (0.52-	1.39)	
Partial Totals							32	152	60	250			

*prospective study

 Within each study, results are included (in the following order of preference) for:
 1) WKS Working status = all persons (a), workers only (w)
 2) TIM Time of exposure = current (c), ever (e)

Table 36
ETS and Heart Disease - Meta-Analysis of Workplace Exposure, 15-MAR-05
 Workers only if available
 By continent - unadjusted

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	6	6	1	4	17
	NS	4	4	1	2	11
	Wt	285.77	84.13	9.61	27.58	407.08
	Het Chi	2.72	12.38	0.00	3.33	24.88
	Het df	5	5	0	3	16
	Het P	N.S.	*	N.S.	N.S.	(*)
Fixed	RR	1.07	1.12	2.45	1.12	1.10
	RRl	0.95	0.90	1.30	0.77	1.00
	RRu	1.20	1.39	4.61	1.63	1.22
	P	N.S.	N.S.	++	N.S.	+
Random	RR	1.07	1.08	2.45	1.13	1.16
	RRl	0.95	0.75	1.30	0.76	1.00
	RRu	1.20	1.55	4.61	1.69	1.36
	P	N.S.	N.S.	++	N.S.	(+)
Asymm	P	N.S.	N.S.		N.S.	N.S.
Between	Chi		0.15	6.42	0.07	6.46
Between	df		1	1	1	3
Between	P		N.S.	+	N.S.	(*)

 Within each study, results are included (in the following order of preference) for:
 1) WKS Working status = all persons (a), workers only (w)
 2) TIM Time of exposure = current (c), ever (e)

Table 37
ETS and Heart Disease - Meta-Analysis of Workplace Exposure, 15-MAR-05
 Workers only if available
 By publication year (grouped) - adjusted

1984-88

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers		RR	95.00%CI
							Case	Cont		
3	LEE	6	m	w	e	1	-	-	0.66	(0.26- 1.66)
3	LEE	8	f	w	e	1	-	-	0.69	(0.26- 1.87)
Subtotal 3							-	-	0.67	(0.34- 1.32)
*5	SVENDS	3	m	a	c	2	-	-	1.40	(0.80- 2.50)
Partial Totals							0	0		

*prospective study

1989-92

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers		RR	95.00%CI
							Case	Cont		
9	JACKSO	8	m	a	c	2	-	-	1.80	(0.94- 3.46)
9	JACKSO	6	f	a	c	2	-	-	1.55	(0.48- 5.03)
Subtotal 9							-	-	1.74	(0.98- 3.07)
12	DOBSON	8	m	w	c	2	-	-	0.95	(0.51- 1.78)
12	DOBSON	6	f	w	c	2	-	-	0.66	(0.17- 2.62)
Subtotal 12							-	-	0.89	(0.51- 1.57)
Partial Totals							0	0		

*prospective study

1993-96

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers		RR	95.00%CI
							Case	Cont		
17	MUSCAT	4	m	a	e	3	-	-	1.20	(0.60- 2.20)
17	MUSCAT	6	f	w	e	3	-	-	1.00	(0.40- 2.50)
Subtotal 17							-	-	1.13	(0.66- 1.92)
*19	STEENL	28	m	w	c	12	-	-	1.03	(0.89- 1.19)
*19	STEENL	29	f	w	c	13	-	-	1.06	(0.84- 1.34)
Subtotal 19							-	-	1.04	(0.92- 1.17)
Partial Totals							0	0		

*prospective study

1997-00

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers		RR	95.00%CI
							Case	Cont		
*21	KAWACH	8	f	w	c	15	-	-	1.68	(0.81- 3.47)
25	HE	22	f	w	e	6	-	-	1.85	(0.86- 4.00)
Partial Totals							0	0		

*prospective study

2001-

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers		RR	95.00%CI
							Case	Cont		
27	ROSENL	8	m	a	e	8	-	-	1.14	(0.78- 1.67)
27	ROSENL	20	f	a	e	8	-	-	0.94	(0.59- 1.50)
Subtotal 27							-	-	1.06	(0.79- 1.42)
28	PITSAV	8	c	a	c	6	-	-	1.97	(1.16- 3.34)
30	CHEN	9	c	w	c	10	-	-	1.70	(0.90- 3.20)
Partial Totals							0	0		

*prospective study

 Within each study, results are included (in the following order of preference) for:
 1) WKS Working status = all persons (a), workers only (w)
 2) TIM Time of exposure = current (c), ever (e)

Table 37
ETS and Heart Disease - Meta-Analysis of Workplace Exposure, 15-MAR-05
 Workers only if available
 By publication year (grouped) - adjusted

		1984-88	1989-92	1993-96	1997-00	2001-	Total
Relative risks							
	N	3	4	4	2	4	17
	NS	2	2	2	2	3	11
	Wt	20.25	23.72	266.22	13.76	67.45	391.41
	Het Chi	2.63	2.91	0.23	0.03	5.36	16.94
	Het df	2	3	3	1	3	16
	Het P	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
Fixed	RR	1.03	1.24	1.04	1.76	1.28	1.11
	RRl	0.67	0.83	0.92	1.04	1.01	1.01
	RRu	1.60	1.86	1.18	2.98	1.63	1.23
	P	N.S.	N.S.	N.S.	+	+	+
Random	RR	0.98	1.24	1.04	1.76	1.32	1.13
	RRl	0.58	0.83	0.92	1.04	0.95	1.01
	RRu	1.65	1.86	1.18	2.98	1.83	1.27
	P	N.S.	N.S.	N.S.	+	(+)	+
Asymm	P	(*)	N.S.	N.S.		N.S.	N.S.
Between	Chi		0.38	0.00	2.32	0.73	5.77
Between	df		1	1	1	1	4
Between	P		N.S.	N.S.	N.S.	N.S.	N.S.

 Within each study, results are included (in the following order of preference) for:
 1) WKS Working status = all persons (a), workers only (w)
 2) TIM Time of exposure = current (c), ever (e)

Table 38
ETS and Heart Disease - Meta-Analysis of Workplace Exposure, 15-MAR-05
 Workers only if available
 By publication year (grouped) - unadjusted

1984-88

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
3	LEE	5	m	w	e	0	13	58	17	40	0.53	(0.23- 1.21)
3	LEE	7	f	w	e	0	6	45	30	113	0.50	(0.20- 1.29)
Subtotal 3											0.52	(0.28- 0.96)
*5	SVENDS	3	m	a	c	2	-	-	-	-	1.40	(0.80- 2.50)
Partial Totals							19	103	47	153		

1989-92

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
9	JACKSO	7	m	a	c	0	-	-	-	-	1.50	(0.80- 3.00)
9	JACKSO	5	f	a	c	0	-	-	-	-	2.20	(0.70- 7.40)
Subtotal 9											1.64	(0.92- 2.93)
12	DOBSON	7	m	w	c	0	27	79	48	126	0.90	(0.52- 1.55)
12	DOBSON	5	f	w	c	0	5	73	12	124	0.71	(0.24- 2.09)
Subtotal 12											0.85	(0.52- 1.39)
Partial Totals							32	152	60	250		

1993-96

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
17	MUSCAT	3	m	a	e	0	44	66	24	42	1.17	(0.62- 2.19)
17	MUSCAT	5	f	w	e	0	20	22	15	16	0.97	(0.38- 2.46)
Subtotal 17											1.10	(0.65- 1.85)
*19	STEENL	28	m	w	c	12	-	-	-	-	1.03	(0.89- 1.19)
*19	STEENL	29	f	w	c	13	-	-	-	-	1.06	(0.84- 1.34)
Subtotal 19											1.04	(0.92- 1.17)
Partial Totals							64	88	39	58		

1997-00

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
*21	KAWACH	8	f	w	c	15	-	-	-	-	1.68	(0.81- 3.47)
25	HE	21	f	w	e	0	33	43	26	83	2.45	(1.30- 4.61)
Partial Totals							33	43	26	83		

2001-

StN	Ref	NRR	SEX	WKS	TIM	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI
							Case	Cont	Case	Cont		
27	ROSENL	7	m	a	e	0	126	254	68	145	1.06	(0.74- 1.51)
27	ROSENL	19	f	a	e	0	68	143	57	120	1.00	(0.65- 1.54)
Subtotal 27											1.03	(0.79- 1.36)
28	PITSAV	8	c	a	c	6	-	-	-	-	1.97	(1.16- 3.34)
30	CHEN	9	c	w	c	10	-	-	-	-	1.70	(0.90- 3.20)
Partial Totals							194	397	125	265		

 Within each study, results are included (in the following order of preference) for:
 1) WKS Working status = all persons (a), workers only (w)
 2) TIM Time of exposure = current (c), ever (e)

Table 38
ETS and Heart Disease - Meta-Analysis of Workplace Exposure, 15-MAR-05
 Workers only if available
 By publication year (grouped) - unadjusted

		1984-88	1989-92	1993-96	1997-00	2001-	Total
Relative risks							
	N	3	4	4	2	4	17
	NS	2	2	2	2	3	11
	Wt	21.78	27.58	266.67	16.87	74.18	407.08
	Het Chi	5.38	3.33	0.19	0.59	5.61	24.88
	Het df	2	3	3	1	3	16
	Het P	(*)	N.S.	N.S.	N.S.	N.S.	(*)
Fixed	RR	0.89	1.12	1.04	2.08	1.24	1.10
	RRl	0.58	0.77	0.92	1.29	0.99	1.00
	RRu	1.35	1.63	1.17	3.36	1.56	1.22
	P	N.S.	N.S.	N.S.	++	(+)	+
Random	RR	0.77	1.13	1.04	2.08	1.30	1.16
	RRl	0.37	0.76	0.92	1.29	0.94	1.00
	RRu	1.60	1.69	1.17	3.36	1.79	1.36
	P	N.S.	N.S.	N.S.	++	N.S.	(+)
Asymm	P	N.S.	N.S.	N.S.		N.S.	N.S.
Between	Chi		0.68	0.51	6.91	1.90	9.78
Between	df		1	1	1	1	4
Between	P		N.S.	N.S.	++	N.S.	*

 Within each study, results are included (in the following order of preference) for:
 1) WKS Working status = all persons (a), workers only (w)
 2) TIM Time of exposure = current (c), ever (e)

Table 39
ETS and Heart Disease - Meta-Analysis of Total Exposure, 15-MAR-05
 Overall - adjusted

Overall

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Numbers				RR	95.00%CI
							Numbers exposed		Non-exposed			
							Case	Cont	Case	Cont		
3	LEE	9	m	c	3	0	15	70	15	27	0.39	(0.17- 0.90)
3	LEE	10	f	c	3	0	13	82	23	75	0.52	(0.24- 1.09)
Subtotal 3											0.45	(0.26- 0.79)
*5	SVENDS	4	m	c	2	1	-	-	-	-	1.17	(0.62- 1.19)
9	JACKSO	16	m	c	4	4	-	-	-	-	1.14	(0.76- 1.70)
9	JACKSO	14	f	c	4	4	-	-	-	-	1.56	(0.76- 3.20)
Subtotal 9											1.23	(0.86- 1.75)
12	DOBSON	12	m	c	4	4	-	-	-	-	1.09	(0.72- 1.63)
12	DOBSON	10	f	c	4	4	-	-	-	-	2.24	(1.28- 3.91)
Subtotal 12											1.40	(1.01- 1.95)
18	TUNSTA	2	c	c	a	4	-	-	-	-	1.34	(1.07- 1.67)
*21	KAWACH	1	f	c	4	15	-	-	-	-	1.71	(1.03- 2.84)
23	MCELDU	4	m	c	4	4	-	-	-	-	0.82	(0.55- 1.22)
23	MCELDU	2	f	c	4	4	-	-	-	-	2.15	(1.18- 3.92)
Subtotal 23											1.10	(0.79- 1.53)
25	HE	51	f	e	2	0	48	76	11	50	2.87	(1.36- 6.05)
26	IRIBAR	14	m	c	5	11	-	-	-	-	1.07	(0.96- 1.19)
26	IRIBAR	29	f	c	5	11	-	-	-	-	1.10	(1.01- 1.20)
Subtotal 26											1.09	(1.02- 1.16)
27	ROSENL	46	c	e	2	8	-	-	-	-	1.18	(0.87- 1.60)
28	PITSAV	4	m	c	4	10	-	-	-	-	1.33	(0.94- 1.88)
28	PITSAV	7	f	c	4	10	-	-	-	-	1.39	(0.87- 2.23)
Subtotal 28											1.35	(1.02- 1.79)
30	CHEN	4	c	c	a	10	-	-	-	-	1.50	(1.03- 2.20)
31	NISHTA	1	c	e	a	1	-	-	-	-	2.87	(1.28- 6.42)
Partial Totals							76	228	49	152		

*prospective study

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Ys	Ws	Qs	Ps
3	LEE	9	m	c	3	0	-0.95	5.42	6.42	0.0266
3	LEE	10	f	c	3	0	-0.66	6.85	4.34	0.0841
Subtotal 3							-1.88	12.27	10.76	
*5	SVENDS	4	m	c	2	1	0.16	36.15	0.02	0.3452
9	JACKSO	16	m	c	4	4	0.13	23.71	0.00	0.5235
9	JACKSO	14	f	c	4	4	0.44	7.44	0.71	0.2253
Subtotal 9							0.30	31.14	0.71	
12	DOBSON	12	m	c	4	4	0.09	23.02	0.06	0.6793
12	DOBSON	10	f	c	4	4	0.81	12.32	5.54	0.0046
Subtotal 12							0.62	35.34	5.60	
18	TUNSTA	2	c	c	a	4	0.29	77.54	1.90	0.0100
*21	KAWACH	1	f	c	4	15	0.54	14.94	2.40	0.0381
23	MCELDU	4	m	c	4	4	-0.20	24.21	2.71	0.3288
23	MCELDU	2	f	c	4	4	0.77	10.66	4.22	0.0124
Subtotal 23							0.30	34.87	6.93	
25	HE	51	f	e	2	0	1.05	6.90	5.82	0.0056
26	IRIBAR	14	m	c	5	11	0.07	333.11	1.55	0.2169
26	IRIBAR	29	f	c	5	11	0.10	517.16	0.85	0.0302
Subtotal 26							-0.11	850.27	2.41	
27	ROSENL	46	c	e	2	8	0.17	41.39	0.04	0.2869
28	PITSAV	4	m	c	4	10	0.29	31.98	0.71	0.1068
28	PITSAV	7	f	c	4	10	0.33	17.34	0.65	0.1703
Subtotal 28							0.34	49.33	1.36	
30	CHEN	4	c	c	a	10	0.41	26.68	1.94	0.0362
31	NISHTA	1	c	e	a	1	1.05	5.91	4.98	0.0104

 No further selection of estimates was made within studies.

Values are also shown for:

1) TIM Time of exposure = current (c), ever (e)

2) TOT Total exposure = any (a), sp/wk (2), home/wk/travel/leisure (3), home/wk (4), home/oth (5)

Table 39
ETS and Heart Disease - Meta-Analysis of Total Exposure, 15-MAR-05
 Overall - adjusted

Relative risks

	N	19
	NS	13
	Wt	1222.72
Het	Chi	44.86
Het	df	18
Het	P	***
Fixed	RR	1.15
	RRl	1.08
	RRu	1.21
	P	+++
Random	RR	1.25
	RRl	1.10
	RRu	1.41
	P	+++
Asymm	P	(*)

 No further selection of estimates was made within studies.
 Values are also shown for:
 1) TIM Time of exposure = current (c), ever (e)
 2) TOT Total exposure = any (a), sp/wk (2), home/wk/travel/leisure (3), home/wk (4), home/oth (5)

Table 40
ETS and Heart Disease - Meta-Analysis of Total Exposure, 15-MAR-05
 Overall - unadjusted

Overall

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Numbers				RR	95.00%CI
							exposed		Non-exposed			
							Case	Cont	Case	Cont		
3	LEE	9	m	c	3	0	15	70	15	27	0.39	(0.17- 0.90)
3	LEE	10	f	c	3	0	13	82	23	75	0.52	(0.24- 1.09)
Subtotal 3											0.45	(0.26- 0.79)
*5	SVENDS	4	m	c	2	1	-	-	-	-	1.17	(0.62- 1.19)
9	JACKSO	15	m	c	4	0	69	138	161	397	1.23	(0.88- 1.74)
9	JACKSO	13	f	c	4	0	15	66	58	336	1.32	(0.70- 2.46)
Subtotal 9											1.25	(0.93- 1.69)
12	DOBSON	11	m	c	4	0	69	153	189	326	0.78	(0.56- 1.09)
12	DOBSON	9	f	c	4	0	33	168	76	434	1.12	(0.72- 1.75)
Subtotal 12											0.89	(0.68- 1.16)
18	TUNSTA	1	c	c	a	0	329	1216	99	483	1.32	(1.03- 1.69)
*21	KAWACH	1	f	c	4	15	-	-	-	-	1.71	(1.03- 2.84)
23	MCELDU	3	m	c	4	0	53	172	145	373	0.79	(0.55- 1.14)
23	MCELDU	1	f	c	4	0	31	147	54	479	1.87	(1.16- 3.02)
Subtotal 23											1.08	(0.81- 1.45)
25	HE	51	f	e	2	0	48	76	11	50	2.87	(1.36- 6.05)
26	IRIBAR	14	m	c	5	11	-	-	-	-	1.07	(0.96- 1.19)
26	IRIBAR	29	f	c	5	11	-	-	-	-	1.10	(1.01- 1.20)
Subtotal 26											1.09	(1.02- 1.16)
27	ROSENL	45	c	e	2	0	240	474	77	177	1.16	(0.85- 1.59)
28	PITSAV	1	c	c	4	0	197	167	82	400	5.75	(4.20- 7.88)
30	CHEN	18	c	c	a	0	332	1208	53	261	1.35	(0.98- 1.86)
31	NISHTA	1	c	e	a	1	-	-	-	-	2.87	(1.28- 6.42)
Partial Totals							1444	4137	1043	3818		
*prospective study												

StN	Ref	NRR	SEX	TIM	TOT	ADJ	Ys	Ws	Qs	Ps
3	LEE	9	m	c	3	0	-0.95	5.42	6.70	0.0266
3	LEE	10	f	c	3	0	-0.66	6.85	4.60	0.0841
Subtotal 3							-1.93	12.27	11.30	
*5	SVENDS	4	m	c	2	1	0.16	36.15	0.00	0.3452
9	JACKSO	15	m	c	4	0	0.21	32.82	0.08	0.2303
9	JACKSO	13	f	c	4	0	0.28	9.80	0.13	0.3892
Subtotal 9							0.17	42.62	0.21	
12	DOBSON	11	m	c	4	0	-0.25	34.03	5.74	0.1429
12	DOBSON	9	f	c	4	0	0.11	19.34	0.04	0.6135
Subtotal 12							-0.46	53.36	5.78	
18	TUNSTA	1	c	c	a	0	0.28	62.37	0.87	0.0283
*21	KAWACH	1	f	c	4	15	0.54	14.94	2.12	0.0381
23	MCELDU	3	m	c	4	0	-0.23	29.19	4.48	0.2093
23	MCELDU	1	f	c	4	0	0.63	16.76	3.65	0.0104
Subtotal 23							0.07	45.95	8.13	
25	HE	51	f	e	2	0	1.05	6.90	5.53	0.0056
26	IRIBAR	14	m	c	5	11	0.07	333.11	2.81	0.2169
26	IRIBAR	29	f	c	5	11	0.10	517.16	2.14	0.0302
Subtotal 26							-0.16	850.27	4.95	
27	ROSENL	45	c	e	2	0	0.15	40.14	0.00	0.3363
28	PITSAV	1	c	c	4	0	1.75	38.82	98.19	0.0000
30	CHEN	18	c	c	a	0	0.30	37.68	0.77	0.0632
31	NISHTA	1	c	e	a	1	1.05	5.91	4.73	0.0104

 No further selection of estimates was made within studies.
 Values are also shown for:
 1) TIM Time of exposure = current (c), ever (e)
 2) TOT Total exposure = any (a), sp/wk (2), home/wk/travel/leisure (3), home/wk (4), home/oth (5)

Table 40
ETS and Heart Disease - Meta-Analysis of Total Exposure, 15-MAR-05
 Overall - unadjusted

Relative risks

	N	18
	NS	13
	Wt	1247.38
Het	Chi	142.59
Het	df	17
Het	P	***
Fixed	RR	1.17
	RRl	1.11
	RRu	1.24
	P	+++
Random	RR	1.30
	RRl	1.07
	RRu	1.59
	P	++
Asymm	P	N.S.

 No further selection of estimates was made within studies.
 Values are also shown for:
 1) TIM Time of exposure = current (c), ever (e)
 2) TOT Total exposure = any (a), sp/wk (2), home/wk/travel/leisure (3), home/wk (4), home/oth (5)

Table 41
ETS and Heart Disease - Meta-Analysis of ETS Exposure assessed by Cotinine, 15-MAR-05
 Overall - adjusted

Overall

StN	Ref	NRR	SEX	ADJ	Numbers				RR	95.00%CI
					Case	Cont	Case	Cont		
18	TUNSTA	10	c	4	-	-	-	-	1.13 (0.93-	1.38)
30	CHEN	8	c	10	-	-	-	-	0.86 (0.64-	1.16)
*32	WHINCU	8	m	16	-	-	-	-	1.67 (1.03-	2.72)
Partial Totals					0	0	0	0		

*prospective study

StN	Ref	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
18	TUNSTA	10	c	4	0.12	98.66	0.12	0.2248
30	CHEN	8	c	10	-0.15	43.45	2.47	0.3202
*32	WHINCU	8	m	16	0.51	16.29	2.95	0.0384

Relative risks

N	3
NS	3
Wt	158.40
Het Chi	5.53
Het df	2
Het P	(*)
Fixed RR	1.09
RRl	0.93
RRu	1.28
P	N.S.
Random RR	1.12
RRl	0.83
RRu	1.50
P	N.S.
Asymm P	N.S.

 No further selection of estimates was made within studies.

Table 42
ETS and Heart Disease - Meta-Analysis of ETS Exposure assessed by Cotinine, 15-MAR-05
 Overall - unadjusted

Overall

StN	Ref	NRR	SEX	ADJ	Numbers				RR	95.00%CI
					Case	Cont	Case	Cont		
18	TUNSTA	9	c	0	299	1120	129	580	1.20	(0.95- 1.51)
30	CHEN	22	c	0	252	939	77	291	1.01	(0.76- 1.35)
*32	WHINCU	4	m	2	-	-	-	-	1.42	(0.91- 2.22)
Partial Totals					551	2059	206	871		

*prospective study

StN	Ref	NRR	SEX	ADJ	Ys	Ws	Qs	Ps
18	TUNSTA	9	c	0	0.18	72.92	0.08	0.1190
30	CHEN	22	c	0	0.01	46.61	0.85	0.9231
*32	WHINCU	4	m	2	0.35	19.32	0.78	0.1232

Relative risks

N	3
NS	3
Wt	138.85
Het Chi	1.72
Het df	2
Het P	N.S.
Fixed RR	1.16
RRl	0.98
RRu	1.37
P	(+)
Random RR	1.16
RRl	0.98
RRu	1.37
P	(+)
Asymm P	N.S.

 No further selection of estimates was made within studies.

Table 43
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 Overall - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI	
									Case	Cont	Case	Cont			
*1	HIRAYA 6		f	s	e	f	2	1	-	-	-	-	1.16	(0.94-	1.43)
*2	GARLAN 5		f	s	e	f	2	5	-	-	-	-	2.70	(0.63-	11.58)
3	LEE 2		m	s	m	n	2	2	-	-	-	-	1.24	(0.59-	2.59)
3	LEE 4		f	s	m	n	2	2	-	-	-	-	0.93	(0.54-	1.61)
Subtotal 3													1.03	(0.66-	1.60)
4	MARTIN 1		f	s	e	n	2	6	-	-	-	-	2.60	(1.20-	5.70)
*5	SVENDS 2		m	s	c	b	2	6	-	-	-	-	1.61	(0.96-	2.71)
*6	BUTLER 2		f	s	e	f	2	1	-	-	-	-	1.07	(0.65-	1.75)
*8	HOLE 3		m	h	e	f	2	5	-	-	-	-	1.73	(1.01-	2.96)
*8	HOLE 2		f	h	e	f	2	5	-	-	-	-	1.65	(0.79-	3.46)
Subtotal 8													1.70	(1.10-	2.63)
9	JACKSO 4		m	h	c	b	2	2	-	-	-	-	1.06	(0.39-	2.91)
9	JACKSO 2		f	h	c	b	2	2	-	-	-	-	3.74	(1.15-	12.19)
Subtotal 9													1.80	(0.84-	3.87)
*10	SANDLE 2		m	h	c	f	2	4	-	-	-	-	1.31	(1.05-	1.64)
*10	SANDLE 4		f	h	c	f	2	4	-	-	-	-	1.19	(1.04-	1.36)
Subtotal 10													1.22	(1.09-	1.37)
*11	HUMBLE 1		f	s	c	f	8	4	-	-	-	-	1.59	(0.99-	2.57)
12	DOBSON 4		m	h	c	b	2	2	-	-	-	-	0.97	(0.50-	1.86)
12	DOBSON 2		f	h	c	b	2	2	-	-	-	-	2.46	(1.47-	4.13)
Subtotal 12													1.72	(1.15-	2.59)
13	LAVECC 2		m	s	e	n	2	0	9	21	55	140	1.09	(0.47-	2.53)
13	LAVECC 1		f	s	e	n	2	0	32	39	11	17	1.27	(0.52-	3.09)
Subtotal 13													1.17	(0.64-	2.16)
14	LAYARD 2		m	s	e	f	2	2	-	-	-	-	0.97	(0.73-	1.28)
14	LAYARD 10		f	s	e	f	2	2	-	-	-	-	0.99	(0.84-	1.16)
Subtotal 14													0.98	(0.86-	1.13)
*15	LEVOIS 1		m	s	e	f	2	2	-	-	-	-	0.97	(0.90-	1.05)
*15	LEVOIS 6		f	s	e	f	2	2	-	-	-	-	1.03	(0.98-	1.08)
Subtotal 15													1.01	(0.97-	1.06)
17	MUSCAT 1		m	s	e	n	2	0	20	25	48	83	1.38	(0.70-	2.75)
17	MUSCAT 2		f	s	e	n	2	0	28	27	18	23	1.33	(0.59-	2.99)
Subtotal 17													1.36	(0.80-	2.30)
18	TUNSTA 2		c	t	c	n	2	4	-	-	-	-	1.34	(1.07-	1.67)
*19	STEENL 3		m	s	e	f	2	12	-	-	-	-	1.09	(0.98-	1.21)
*19	STEENL 4		f	s	e	f	2	13	-	-	-	-	1.04	(0.93-	1.16)
Subtotal 19													1.07	(0.99-	1.15)
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38	(0.95-	2.01)
*21	KAWACH 11		f	h	c	b	2	15	-	-	-	-	1.53	(0.81-	2.90)
22	CIRUZZ 7		m	s	c	n	2	9	-	-	-	-	1.18	(0.55-	2.52)
22	CIRUZZ 8		f	s	c	n	2	9	-	-	-	-	1.73	(0.89-	3.36)
Subtotal 22													1.47	(0.89-	2.42)
23	MCELDU 4		m	t	c	b	2	4	-	-	-	-	0.82	(0.55-	1.22)
23	MCELDU 2		f	t	c	b	2	4	-	-	-	-	2.15	(1.18-	3.92)
Subtotal 23													1.10	(0.79-	1.53)
25	HE 2		f	s	e	n	2	6	-	-	-	-	1.60	(0.94-	2.90)
26	IRIBAR 4		m	h	c	n	2	11	-	-	-	-	1.13	(1.00-	1.27)
26	IRIBAR 19		f	h	c	n	2	11	-	-	-	-	1.20	(1.09-	1.30)
Subtotal 26													1.17	(1.09-	1.26)
27	ROSENL 2		m	s	e	n	2	8	-	-	-	-	0.96	(0.64-	1.44)
27	ROSENL 14		f	s	e	n	2	8	-	-	-	-	1.53	(0.95-	2.44)
Subtotal 27													1.17	(0.86-	1.59)
28	PITSAV 9		c	h	c	n	a	6	-	-	-	-	1.33	(0.89-	1.99)
30	CHEN 10		c	h	c	n	2	10	-	-	-	-	1.20	(0.70-	2.20)
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38	(1.04-	5.42)
33	MCGHEE 1		m	h	p	f	2	2	-	-	-	-	1.30	(0.88-	1.93)
33	MCGHEE 2		f	h	p	f	2	2	-	-	-	-	1.39	(0.95-	2.04)
Subtotal 33													1.35	(1.02-	1.77)
Partial Totals									152	212	269	563			
*prospective study															

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 43
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 Overall - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Ys	Ws	Qs	Ps
*1	HIRAYA	6	f	s	e	f	2	1	0.15	87.29	0.34	0.1655
*2	GARLAN	5	f	s	e	f	2	5	0.99	1.81	1.49	0.1811
3	LEE	2	m	s	m	n	2	2	0.22	7.02	0.12	0.5687
3	LEE	4	f	s	m	n	2	2	-0.07	12.88	0.32	0.7946
Subtotal	3								-0.03	19.90	0.44	
4	MARTIN	1	f	s	e	n	2	6	0.96	6.33	4.79	0.0162
*5	SVENDS	2	m	s	c	b	2	6	0.48	14.27	2.18	0.0720
*6	BUTLER	2	f	s	e	f	2	1	0.07	15.67	0.01	0.7889
*8	HOLE	3	m	h	e	f	2	5	0.55	13.29	2.84	0.0457
*8	HOLE	2	f	h	e	f	2	5	0.50	7.04	1.21	0.1838
Subtotal	8								0.88	20.33	4.06	
9	JACKSO	4	m	h	c	b	2	2	0.06	3.80	0.00	0.9095
9	JACKSO	2	f	h	c	b	2	2	1.32	2.76	4.19	0.0285
Subtotal	9								1.21	6.56	4.20	
*10	SANDLE	2	m	h	c	f	2	4	0.27	77.28	2.63	0.0176
*10	SANDLE	4	f	h	c	f	2	4	0.17	213.52	1.67	0.0110
Subtotal	10								0.27	290.80	4.30	
*11	HUMBLE	1	f	s	c	f	8	4	0.46	16.88	2.41	0.0567
12	DOBSON	4	m	h	c	b	2	2	-0.03	8.90	0.12	0.9276
12	DOBSON	2	f	h	c	b	2	2	0.90	14.40	9.55	0.0006
Subtotal	12								0.70	23.30	9.67	
13	LAVECC	2	m	s	e	n	2	0	0.09	5.43	0.00	0.8393
13	LAVECC	1	f	s	e	n	2	0	0.24	4.84	0.11	0.6013
Subtotal	13								0.15	10.27	0.11	
14	LAYARD	2	m	s	e	f	2	2	-0.03	48.72	0.66	0.8316
14	LAYARD	10	f	s	e	f	2	2	-0.01	147.49	1.35	0.9029
Subtotal	14								-0.21	196.21	2.00	
*15	LEVOIS	1	m	s	e	f	2	2	-0.03	646.64	8.70	0.4386
*15	LEVOIS	6	f	s	e	f	2	2	0.03	1627.60	5.10	0.2331
Subtotal	15								-0.17	2274.24	13.81	
17	MUSCAT	1	m	s	e	n	2	0	0.32	8.14	0.46	0.3546
17	MUSCAT	2	f	s	e	n	2	0	0.28	5.82	0.22	0.4970
Subtotal	17								0.43	13.96	0.69	
18	TUNSTA	2	c	t	c	n	2	4	0.29	77.54	3.33	0.0100
*19	STEENL	3	m	s	e	f	2	12	0.09	345.72	0.00	0.1091
*19	STEENL	4	f	s	e	f	2	13	0.04	314.64	0.68	0.4866
Subtotal	19								-0.05	660.35	0.68	
20	JANGHO	1	f	s	e	n	2	0	0.32	27.39	1.53	0.0922
*21	KAWACH	11	f	h	c	b	2	15	0.43	9.45	1.09	0.1912
22	CIRUZZ	7	m	s	c	n	2	9	0.17	6.63	0.04	0.6699
22	CIRUZZ	8	f	s	c	n	2	9	0.55	8.71	1.86	0.1058
Subtotal	22								0.54	15.34	1.91	
23	MCELDU	4	m	t	c	b	2	4	-0.20	24.21	1.95	0.3288
23	MCELDU	2	f	t	c	b	2	4	0.77	10.66	4.93	0.0124
Subtotal	23								0.40	34.87	6.88	
25	HE	2	f	s	e	n	2	6	0.47	12.11	1.79	0.1020
26	IRIBAR	4	m	h	c	n	2	11	0.12	268.97	0.36	0.0450
26	IRIBAR	19	f	h	c	n	2	11	0.18	495.01	4.63	0.0000
Subtotal	26								0.13	763.97	5.00	
27	ROSENL	2	m	s	e	n	2	8	-0.04	23.37	0.37	0.8436
27	ROSENL	14	f	s	e	n	2	8	0.43	17.27	1.99	0.0772
Subtotal	27								0.21	40.64	2.37	
28	PITSAV	9	c	h	c	n	a	6	0.29	23.73	0.95	0.1648
30	CHEN	10	c	h	c	n	2	10	0.18	11.72	0.11	0.5326
31	NISHTA	3	c	s	e	n	1	1	0.87	5.64	3.44	0.0395
33	MCGHEE	1	m	h	p	f	2	2	0.26	24.91	0.78	0.1904
33	MCGHEE	2	f	h	p	f	2	2	0.33	26.31	1.56	0.0912
Subtotal	33								0.42	51.22	2.34	

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 43
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 Overall - adjusted

Relative risks

	N	43
	NS	28
	Wt	4731.79
Het	Chi	81.91
Het	df	42
Het	P	***
Fixed	RR	1.09
	RRl	1.06
	RRu	1.12
	P	+++
Random	RR	1.18
	RRl	1.11
	RRu	1.25
	P	+++
Asymm	P	***

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 44
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 Overall - unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
*1	HIRAYA 3		f	s	e	f	2	0	376	69645	118	21895	1.00	(0.82- 1.23)
*2	GARLAN 1		f	s	e	f	2	0	17	492	2	203	3.51	(0.82- 15.04)
3	LEE 1		m	s	m	n	2	0	15	40	26	93	1.34	(0.64- 2.80)
3	LEE 3		f	s	m	n	2	0	55	229	22	89	0.97	(0.56- 1.69)
Subtotal 3													1.09	(0.70- 1.70)
4	MARTIN 1		f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
*5	SVENDS 1		m	s	c	b	2	0	21	286	48	959	1.47	(0.89- 2.41)
*6	BUTLER 1		f	s	e	f	2	0	20	10579	60	43052	1.36	(0.82- 2.25)
*8	HOLE 3		m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
*8	HOLE 2		f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
Subtotal 8													1.70	(1.10- 2.63)
9	JACKSO 3		m	h	c	b	2	0	-	-	-	-	1.10	(0.40- 3.00)
9	JACKSO 1		f	h	c	b	2	0	-	-	-	-	4.00	(1.35- 13.10)
Subtotal 9													1.94	(0.91- 4.13)
*10	SANDLE 1		m	h	c	f	2	0	122	1248	248	2914	1.15	(0.93- 1.41)
*10	SANDLE 3		f	h	c	f	2	0	551	9551	437	5322	0.70	(0.62- 0.79)
Subtotal 10													0.80	(0.72- 0.88)
*11	HUMBLE 1		f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
12	DOBSON 3		m	h	c	b	2	0	22	34	161	259	1.04	(0.59- 1.84)
12	DOBSON 1		f	h	c	b	2	0	43	99	117	433	1.61	(1.06- 2.43)
Subtotal 12													1.39	(0.99- 1.93)
13	LAVECC 2		m	s	e	n	2	0	9	21	55	140	1.09	(0.47- 2.53)
13	LAVECC 1		f	s	e	n	2	0	32	39	11	17	1.27	(0.52- 3.09)
Subtotal 13													1.17	(0.64- 2.16)
14	LAYARD 1		m	s	e	f	2	0	97	215	378	783	0.93	(0.71- 1.22)
14	LAYARD 9		f	s	e	f	2	0	455	961	459	969	1.00	(0.85- 1.17)
Subtotal 14													0.98	(0.86- 1.13)
*15	LEVOIS 1		m	s	e	f	2	2	-	-	-	-	0.97	(0.90- 1.05)
*15	LEVOIS 6		f	s	e	f	2	2	-	-	-	-	1.03	(0.98- 1.08)
Subtotal 15													1.01	(0.97- 1.06)
17	MUSCAT 1		m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
17	MUSCAT 2		f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
Subtotal 17													1.36	(0.80- 2.30)
18	TUNSTA 1		c	t	c	n	2	0	329	1216	99	483	1.32	(1.03- 1.69)
*19	STEENL 3		m	s	e	f	2	12	-	-	-	-	1.09	(0.98- 1.21)
*19	STEENL 4		f	s	e	f	2	13	-	-	-	-	1.04	(0.93- 1.16)
Subtotal 19													1.07	(0.99- 1.15)
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
*21	KAWACH 11		f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
22	CIRUZZ 5		m	s	c	n	2	0	15	22	141	206	1.00	(0.50- 1.99)
22	CIRUZZ 6		f	s	c	n	2	0	29	25	151	193	1.48	(0.83- 2.64)
Subtotal 22													1.26	(0.81- 1.96)
23	MCELDU 3		m	t	c	b	2	0	53	172	145	373	0.79	(0.55- 1.14)
23	MCELDU 1		f	t	c	b	2	0	31	147	54	479	1.87	(1.16- 3.02)
Subtotal 23													1.08	(0.81- 1.45)
25	HE 1		f	s	e	n	2	0	76	95	39	113	2.32	(1.44- 3.72)
26	IRIBAR 4		m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
26	IRIBAR 19		f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
Subtotal 26													1.17	(1.09- 1.26)
27	ROSENL 1		m	s	e	n	2	0	53	113	141	285	0.95	(0.65- 1.39)
27	ROSENL 13		f	s	e	n	2	0	65	119	59	144	1.33	(0.87- 2.05)
Subtotal 27													1.10	(0.83- 1.47)
28	PITSAV 9		c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
30	CHEN 10		c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
33	MCGHEE 5		m	h	p	f	2	0	74	71	285	347	1.27	(0.88- 1.82)
33	MCGHEE 6		f	h	p	f	2	0	113	150	112	195	1.31	(0.94- 1.84)
Subtotal 33													1.29	(1.01- 1.65)
Partial Totals									2784	95721	3571	80352		
*prospective study														

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 44
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 Overall - unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Ys	Ws	Qs	Ps
*1	HIRAYA	3	f	s	e	f	2	0	0.00	90.30	0.24	0.9867
*2	GARLAN	1	f	s	e	f	2	0	1.25	1.81	2.62	0.0912
3	LEE	1	m	s	m	n	2	0	0.29	7.10	0.41	0.4340
3	LEE	3	f	s	m	n	2	0	-0.03	12.62	0.09	0.9185
Subtotal	3								0.16	19.72	0.50	
4	MARTIN	1	f	s	e	n	2	6	0.96	6.33	5.15	0.0162
*5	SVENDS	1	m	s	c	b	2	0	0.38	15.65	1.70	0.1296
*6	BUTLER	1	f	s	e	f	2	0	0.30	15.03	0.95	0.2372
*8	HOLE	3	m	h	e	f	2	5	0.55	13.29	3.25	0.0457
*8	HOLE	2	f	h	e	f	2	5	0.50	7.04	1.41	0.1838
Subtotal	8								0.94	20.33	4.66	
9	JACKSO	3	m	h	c	b	2	0	0.10	3.78	0.01	0.8529
9	JACKSO	1	f	h	c	b	2	0	1.39	2.98	5.29	0.0168
Subtotal	9								1.37	6.76	5.29	
*10	SANDLE	1	m	h	c	f	2	0	0.14	90.22	0.66	0.1881
*10	SANDLE	3	f	h	c	f	2	0	-0.35	262.43	43.33	0.0000
Subtotal	10								-0.32	352.64	43.98	
*11	HUMBLE	1	f	s	c	f	8	4	0.46	16.88	2.84	0.0567
12	DOBSON	3	m	h	c	b	2	0	0.04	11.77	0.00	0.8905
12	DOBSON	1	f	h	c	b	2	0	0.47	22.62	4.01	0.0240
Subtotal	12								0.41	34.39	4.02	
13	LAVECC	2	m	s	e	n	2	0	0.09	5.43	0.01	0.8393
13	LAVECC	1	f	s	e	n	2	0	0.24	4.84	0.16	0.6013
Subtotal	13								0.22	10.27	0.17	
14	LAYARD	1	m	s	e	f	2	0	-0.07	52.96	0.78	0.6223
14	LAYARD	9	f	s	e	f	2	0	-0.00	155.06	0.45	0.9954
Subtotal	14								-0.17	208.02	1.22	
*15	LEVOIS	1	m	s	e	f	2	2	-0.03	646.64	4.54	0.4386
*15	LEVOIS	6	f	s	e	f	2	2	0.03	1627.60	0.92	0.2331
Subtotal	15								-0.11	2274.24	5.46	
17	MUSCAT	1	m	s	e	n	2	0	0.32	8.14	0.60	0.3546
17	MUSCAT	2	f	s	e	n	2	0	0.28	5.82	0.30	0.4970
Subtotal	17								0.50	13.96	0.90	
18	TUNSTA	1	c	t	c	n	2	0	0.28	62.37	3.14	0.0283
*19	STEENL	3	m	s	e	f	2	12	0.09	345.72	0.37	0.1091
*19	STEENL	4	f	s	e	f	2	13	0.04	314.64	0.06	0.4866
Subtotal	19								0.02	660.35	0.44	
20	JANGHO	1	f	s	e	n	2	0	0.32	27.39	1.97	0.0922
*21	KAWACH	11	f	h	c	b	2	15	0.43	9.45	1.31	0.1912
22	CIRUZZ	5	m	s	c	n	2	0	-0.00	8.06	0.03	0.9912
22	CIRUZZ	6	f	s	c	n	2	0	0.39	11.59	1.34	0.1800
Subtotal	22								0.28	19.65	1.37	
23	MCELDU	3	m	t	c	b	2	0	-0.23	29.19	2.38	0.2093
23	MCELDU	1	f	t	c	b	2	0	0.63	16.76	5.50	0.0104
Subtotal	23								0.29	45.95	7.88	
25	HE	1	f	s	e	n	2	0	0.84	17.19	10.66	0.0005
26	IRIBAR	4	m	h	c	n	2	11	0.12	268.97	1.28	0.0450
26	IRIBAR	19	f	h	c	n	2	11	0.18	495.01	8.24	0.0000
Subtotal	26								0.20	763.97	9.51	
27	ROSENL	1	m	s	e	n	2	0	-0.05	26.10	0.30	0.7851
27	ROSENL	13	f	s	e	n	2	0	0.29	20.97	1.15	0.1879
Subtotal	27								0.13	47.07	1.45	
28	PITSAV	9	c	h	c	n	a	6	0.29	23.73	1.28	0.1648
30	CHEN	10	c	h	c	n	2	10	0.18	11.72	0.19	0.5326
31	NISHTA	3	c	s	e	n	1	1	0.87	5.64	3.73	0.0395
33	MCGHEE	5	m	h	p	f	2	0	0.24	29.42	1.01	0.1963
33	MCGHEE	6	f	h	p	f	2	0	0.27	33.81	1.61	0.1147
Subtotal	33								0.40	63.24	2.61	

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 44
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 Overall - unadjusted

Relative risks

	N	43
	NS	28
	Wt	4844.05
Het	Chi	125.25
Het	df	42
Het	P	***
Fixed	RR	1.05
	RRl	1.03
	RRu	1.08
	P	+++
Random	RR	1.16
	RRl	1.08
	RRu	1.24
	P	+++
Asymm	P	***

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 45
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By sex - adjusted

combined

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
18	TUNSTA	2	c	t	c	n	2	4	-	-	-	-	1.34	(1.07- 1.67)
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
31	NISHTA	3	c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
Partial Totals									0	0	0	0		

*prospective study

male

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
3	LEE	2	m	s	m	n	2	2	-	-	-	-	1.24	(0.59- 2.59)
*5	SVENDS	2	m	s	c	b	2	6	-	-	-	-	1.61	(0.96- 2.71)
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
9	JACKSO	4	m	h	c	b	2	2	-	-	-	-	1.06	(0.39- 2.91)
*10	SANDLE	2	m	h	c	f	2	4	-	-	-	-	1.31	(1.05- 1.64)
12	DOBSON	4	m	h	c	b	2	2	-	-	-	-	0.97	(0.50- 1.86)
13	LAVECC	2	m	s	e	n	2	0	9	21	55	140	1.09	(0.47- 2.53)
14	LAYARD	2	m	s	e	f	2	2	-	-	-	-	0.97	(0.73- 1.28)
*15	LEVOIS	1	m	s	e	f	2	2	-	-	-	-	0.97	(0.90- 1.05)
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
*19	STEENL	3	m	s	e	f	2	12	-	-	-	-	1.09	(0.98- 1.21)
22	CIRUZZ	7	m	s	c	n	2	9	-	-	-	-	1.18	(0.55- 2.52)
23	MCELDU	4	m	t	c	b	2	4	-	-	-	-	0.82	(0.55- 1.22)
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
27	ROSENL	2	m	s	e	n	2	8	-	-	-	-	0.96	(0.64- 1.44)
33	MCGHEE	1	m	h	p	f	2	2	-	-	-	-	1.30	(0.88- 1.93)
Partial Totals									29	46	103	223		

*prospective study

female

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA	6	f	s	e	f	2	1	-	-	-	-	1.16	(0.94- 1.43)
*2	GARLAN	5	f	s	e	f	2	5	-	-	-	-	2.70	(0.63- 11.58)
3	LEE	4	f	s	m	n	2	2	-	-	-	-	0.93	(0.54- 1.61)
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
*6	BUTLER	2	f	s	e	f	2	1	-	-	-	-	1.07	(0.65- 1.75)
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
9	JACKSO	2	f	h	c	b	2	2	-	-	-	-	3.74	(1.15- 12.19)
*10	SANDLE	4	f	h	c	f	2	4	-	-	-	-	1.19	(1.04- 1.36)
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
12	DOBSON	2	f	h	c	b	2	2	-	-	-	-	2.46	(1.47- 4.13)
13	LAVECC	1	f	s	e	n	2	0	32	39	11	17	1.27	(0.52- 3.09)
14	LAYARD	10	f	s	e	f	2	2	-	-	-	-	0.99	(0.84- 1.16)
*15	LEVOIS	6	f	s	e	f	2	2	-	-	-	-	1.03	(0.98- 1.08)
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
*19	STEENL	4	f	s	e	f	2	13	-	-	-	-	1.04	(0.93- 1.16)
20	JANGHO	1	f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
22	CIRUZZ	8	f	s	c	n	2	9	-	-	-	-	1.73	(0.89- 3.36)
23	MCELDU	2	f	t	c	b	2	4	-	-	-	-	2.15	(1.18- 3.92)
25	HE	2	f	s	e	n	2	6	-	-	-	-	1.60	(0.94- 2.90)
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
27	ROSENL	14	f	s	e	n	2	8	-	-	-	-	1.53	(0.95- 2.44)
33	MCGHEE	2	f	h	p	f	2	2	-	-	-	-	1.39	(0.95- 2.04)
Partial Totals									123	166	166	340		

*prospective study

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 45
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By sex - adjusted

	combined	male	female	Total
Relative risks				
N	4	16	23	43
NS	4	16	23	43
Wt	118.62	1527.31	3085.86	4731.79
Het Chi	1.98	19.73	52.71	81.91
Het df	3	15	22	42
Het P	N.S.	N.S.	***	***
Fixed RR	1.36	1.06	1.10	1.09
RRl	1.14	1.00	1.06	1.06
RRu	1.63	1.11	1.14	1.12
P	+++	+	+++	+++
Random RR	1.36	1.09	1.23	1.18
RRl	1.14	1.01	1.13	1.11
RRu	1.63	1.17	1.35	1.25
P	+++	+	+++	+++
Asymm P	N.S.	N.S.	***	***
Between Chi		7.06	5.28	7.49
Between df		1	1	2
Between P		--	-	*

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 46
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By sex - unadjusted

combined

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers		Numbers		RR	95.00%CI
									Case	Cont	Case	Cont		
18	TUNSTA 1		c	t	c	n	2	0	329	1216	99	483	1.32	(1.03- 1.69)
28	PITSAV 9		c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
30	CHEN 10		c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
Partial Totals									329	1216	99	483		

*prospective study

male

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers		Numbers		RR	95.00%CI
									Case	Cont	Case	Cont		
3	LEE 1		m	s	m	n	2	0	15	40	26	93	1.34	(0.64- 2.80)
*5	SVENDS 1		m	s	c	b	2	0	21	286	48	959	1.47	(0.89- 2.41)
*8	HOLE 3		m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
9	JACKSO 3		m	h	c	b	2	0	-	-	-	-	1.10	(0.40- 3.00)
*10	SANDLE 1		m	h	c	f	2	0	122	1248	248	2914	1.15	(0.93- 1.41)
12	DOBSON 3		m	h	c	b	2	0	22	34	161	259	1.04	(0.59- 1.84)
13	LAVECC 2		m	s	e	n	2	0	9	21	55	140	1.09	(0.47- 2.53)
14	LAYARD 1		m	s	e	f	2	0	97	215	378	783	0.93	(0.71- 1.22)
*15	LEVOIS 1		m	s	e	f	2	2	-	-	-	-	0.97	(0.90- 1.05)
17	MUSCAT 1		m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
*19	STEENL 3		m	s	e	f	2	12	-	-	-	-	1.09	(0.98- 1.21)
22	CIRUZZ 5		m	s	c	n	2	0	15	22	141	206	1.00	(0.50- 1.99)
23	MCELDU 3		m	t	c	b	2	0	53	172	145	373	0.79	(0.55- 1.14)
26	IRIBAR 4		m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
27	ROSENL 1		m	s	e	n	2	0	53	113	141	285	0.95	(0.65- 1.39)
33	MCGHEE 5		m	h	p	f	2	0	74	71	285	347	1.27	(0.88- 1.82)
Partial Totals									501	2247	1676	6442		

*prospective study

female

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers		Numbers		RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA 3		f	s	e	f	2	0	376	69645	118	21895	1.00	(0.82- 1.23)
*2	GARLAN 1		f	s	e	f	2	0	17	492	2	203	3.51	(0.82- 15.04)
3	LEE 3		f	s	m	n	2	0	55	229	22	89	0.97	(0.56- 1.69)
4	MARTIN 1		f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
*6	BUTLER 1		f	s	e	f	2	0	20	10579	60	43052	1.36	(0.82- 2.25)
*8	HOLE 2		f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
9	JACKSO 1		f	h	c	b	2	0	-	-	-	-	4.00	(1.35- 13.10)
*10	SANDLE 3		f	h	c	f	2	0	551	9551	437	5322	0.70	(0.62- 0.79)
*11	HUMBLE 1		f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
12	DOBSON 1		f	h	c	b	2	0	43	99	117	433	1.61	(1.06- 2.43)
13	LAVECC 1		f	s	e	n	2	0	32	39	11	17	1.27	(0.52- 3.09)
14	LAYARD 9		f	s	e	f	2	0	455	961	459	969	1.00	(0.85- 1.17)
*15	LEVOIS 6		f	s	e	f	2	2	-	-	-	-	1.03	(0.98- 1.08)
17	MUSCAT 2		f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
*19	STEENL 4		f	s	e	f	2	13	-	-	-	-	1.04	(0.93- 1.16)
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
*21	KAWACH 11		f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
22	CIRUZZ 6		f	s	c	n	2	0	29	25	151	193	1.48	(0.83- 2.64)
23	MCELDU 1		f	t	c	b	2	0	31	147	54	479	1.87	(1.16- 3.02)
25	HE 1		f	s	e	n	2	0	76	95	39	113	2.32	(1.44- 3.72)
26	IRIBAR 19		f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
27	ROSENL 13		f	s	e	n	2	0	65	119	59	144	1.33	(0.87- 2.05)
33	MCGHEE 6		f	h	p	f	2	0	113	150	112	195	1.31	(0.94- 1.84)
Partial Totals									1954	92258	1796	73427		

*prospective study

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 46
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By sex - unadjusted

	combined	male	female	Total
Relative risks				
N	4	16	23	43
NS	4	16	23	43
Wt	103.46	1562.43	3178.16	4844.05
Het Chi	2.01	17.20	99.55	125.25
Het df	3	15	22	42
Het P	N.S.	N.S.	***	***
Fixed RR	1.35	1.05	1.05	1.05
RRl	1.11	1.00	1.01	1.03
RRu	1.64	1.10	1.09	1.08
P	++	(+)	++	+++
Random RR	1.35	1.06	1.23	1.16
RRl	1.11	1.00	1.10	1.08
RRu	1.64	1.13	1.38	1.24
P	++	(+)	+++	+++
Asymm P	N.S.	N.S.	**	***
Between Chi		6.35	6.32	6.49
Between df		1	1	2
Between P		-	-	*

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 47
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*2	GARLAN	5	f	s	e	f	2	5	-	-	-	-	2.70 (0.63- 11.58)	
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60 (1.20- 5.70)	
*5	SVENDS	2	m	s	c	b	2	6	-	-	-	-	1.61 (0.96- 2.71)	
*6	BUTLER	2	f	s	e	f	2	1	-	-	-	-	1.07 (0.65- 1.75)	
*10	SANDLE	2	m	h	c	f	2	4	-	-	-	-	1.31 (1.05- 1.64)	
*10	SANDLE	4	f	h	c	f	2	4	-	-	-	-	1.19 (1.04- 1.36)	
Subtotal 10									-	-	-	-	1.22 (1.09- 1.37)	
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59 (0.99- 2.57)	
14	LAYARD	2	m	s	e	f	2	2	-	-	-	-	0.97 (0.73- 1.28)	
14	LAYARD	10	f	s	e	f	2	2	-	-	-	-	0.99 (0.84- 1.16)	
Subtotal 14									-	-	-	-	0.98 (0.86- 1.13)	
*15	LEVOIS	1	m	s	e	f	2	2	-	-	-	-	0.97 (0.90- 1.05)	
*15	LEVOIS	6	f	s	e	f	2	2	-	-	-	-	1.03 (0.98- 1.08)	
Subtotal 15									-	-	-	-	1.01 (0.97- 1.06)	
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38 (0.70- 2.75)	
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33 (0.59- 2.99)	
Subtotal 17									-	-	-	-	1.36 (0.80- 2.30)	
*19	STEENL	3	m	s	e	f	2	12	-	-	-	-	1.09 (0.98- 1.21)	
*19	STEENL	4	f	s	e	f	2	13	-	-	-	-	1.04 (0.93- 1.16)	
Subtotal 19									-	-	-	-	1.07 (0.99- 1.15)	
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53 (0.81- 2.90)	
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13 (1.00- 1.27)	
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20 (1.09- 1.30)	
Subtotal 26									-	-	-	-	1.17 (1.09- 1.26)	
Partial Totals									48	52	66	106		

*prospective study

Europe

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
3	LEE	2	m	s	m	n	2	2	-	-	-	-	1.24 (0.59- 2.59)	
3	LEE	4	f	s	m	n	2	2	-	-	-	-	0.93 (0.54- 1.61)	
Subtotal 3									-	-	-	-	1.03 (0.66- 1.60)	
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73 (1.01- 2.96)	
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65 (0.79- 3.46)	
Subtotal 8									-	-	-	-	1.70 (1.10- 2.63)	
13	LAVECC	2	m	s	e	n	2	0	9	21	55	140	1.09 (0.47- 2.53)	
13	LAVECC	1	f	s	e	n	2	0	32	39	11	17	1.27 (0.52- 3.09)	
Subtotal 13									-	-	-	-	1.17 (0.64- 2.16)	
18	TUNSTA	2	c	t	c	n	2	4	-	-	-	-	1.34 (1.07- 1.67)	
27	ROSENL	2	m	s	e	n	2	8	-	-	-	-	0.96 (0.64- 1.44)	
27	ROSENL	14	f	s	e	n	2	8	-	-	-	-	1.53 (0.95- 2.44)	
Subtotal 27									-	-	-	-	1.17 (0.86- 1.59)	
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33 (0.89- 1.99)	
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20 (0.70- 2.20)	
Partial Totals									41	60	66	157		

*prospective study

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 47
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By continent - adjusted

Asia

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA 6		f	s	e	f	2	1	-	-	-	-	1.16 (0.94- 1.43)	
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38 (0.95- 2.01)	
25	HE 2		f	s	e	n	2	6	-	-	-	-	1.60 (0.94- 2.90)	
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38 (1.04- 5.42)	
33	MCGHEE 1		m	h	p	f	2	2	-	-	-	-	1.30 (0.88- 1.93)	
33	MCGHEE 2		f	h	p	f	2	2	-	-	-	-	1.39 (0.95- 2.04)	
Subtotal 33													1.35 (1.02- 1.77)	
Partial Totals									63	100	137	300		

*prospective study

Other

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
9	JACKSO 4		m	h	c	b	2	2	-	-	-	-	1.06 (0.39- 2.91)	
9	JACKSO 2		f	h	c	b	2	2	-	-	-	-	3.74 (1.15- 12.19)	
Subtotal 9													1.80 (0.84- 3.87)	
12	DOBSON 4		m	h	c	b	2	2	-	-	-	-	0.97 (0.50- 1.86)	
12	DOBSON 2		f	h	c	b	2	2	-	-	-	-	2.46 (1.47- 4.13)	
Subtotal 12													1.72 (1.15- 2.59)	
22	CIRUZZ 7		m	s	c	n	2	9	-	-	-	-	1.18 (0.55- 2.52)	
22	CIRUZZ 8		f	s	c	n	2	9	-	-	-	-	1.73 (0.89- 3.36)	
Subtotal 22													1.47 (0.89- 2.42)	
23	MCELDU 4		m	t	c	b	2	4	-	-	-	-	0.82 (0.55- 1.22)	
23	MCELDU 2		f	t	c	b	2	4	-	-	-	-	2.15 (1.18- 3.92)	
Subtotal 23													1.10 (0.79- 1.53)	
Partial Totals									0	0	0	0		

*prospective study

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	18	11	6	8	43
	NS	12	7	5	4	28
	Wt	4263.94	204.13	183.65	80.07	4731.79
	Het Chi	36.78	5.85	3.93	18.19	81.91
	Het df	17	10	5	7	42
	Het P	**	N.S.	N.S.	*	***
Fixed	RR	1.07	1.28	1.30	1.38	1.09
	RR1	1.04	1.12	1.12	1.11	1.06
	RRu	1.10	1.47	1.50	1.72	1.12
	P	+++	+++	+++	++	+++
Random	RR	1.11	1.28	1.30	1.48	1.18
	RR1	1.04	1.12	1.12	1.02	1.11
	RRu	1.17	1.47	1.50	2.16	1.25
	P	+++	+++	+++	+	+++
Asymm	P	**	N.S.	***	N.S.	***
Between	Chi		6.60	6.57	5.15	17.17
Between	df		1	1	1	3
Between	P		+	+	+	***

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 48
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
*2	GARLAN	1	f	s	e	f	2	0	17	492	2	203	3.51	(0.82- 15.04)
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
*5	SVENDS	1	m	s	c	b	2	0	21	286	48	959	1.47	(0.89- 2.41)
*6	BUTLER	1	f	s	e	f	2	0	20	10579	60	43052	1.36	(0.82- 2.25)
*10	SANDLE	1	m	h	c	f	2	0	122	1248	248	2914	1.15	(0.93- 1.41)
*10	SANDLE	3	f	h	c	f	2	0	551	9551	437	5322	0.70	(0.62- 0.79)
Subtotal 10													0.80	(0.72- 0.88)
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
14	LAYARD	1	m	s	e	f	2	0	97	215	378	783	0.93	(0.71- 1.22)
14	LAYARD	9	f	s	e	f	2	0	455	961	459	969	1.00	(0.85- 1.17)
Subtotal 14													0.98	(0.86- 1.13)
*15	LEVOIS	1	m	s	e	f	2	2	-	-	-	-	0.97	(0.90- 1.05)
*15	LEVOIS	6	f	s	e	f	2	2	-	-	-	-	1.03	(0.98- 1.08)
Subtotal 15													1.01	(0.97- 1.06)
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
Subtotal 17													1.36	(0.80- 2.30)
*19	STEENL	3	m	s	e	f	2	12	-	-	-	-	1.09	(0.98- 1.21)
*19	STEENL	4	f	s	e	f	2	13	-	-	-	-	1.04	(0.93- 1.16)
Subtotal 19													1.07	(0.99- 1.15)
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
Subtotal 26													1.17	(1.09- 1.26)
Partial Totals									1331	23384	1698	54308		
*prospective study														

Europe

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
3	LEE	1	m	s	m	n	2	0	15	40	26	93	1.34	(0.64- 2.80)
3	LEE	3	f	s	m	n	2	0	55	229	22	89	0.97	(0.56- 1.69)
Subtotal 3													1.09	(0.70- 1.70)
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
Subtotal 8													1.70	(1.10- 2.63)
13	LAVECC	2	m	s	e	n	2	0	9	21	55	140	1.09	(0.47- 2.53)
13	LAVECC	1	f	s	e	n	2	0	32	39	11	17	1.27	(0.52- 3.09)
Subtotal 13													1.17	(0.64- 2.16)
18	TUNSTA	1	c	t	c	n	2	0	329	1216	99	483	1.32	(1.03- 1.69)
27	ROSENL	1	m	s	e	n	2	0	53	113	141	285	0.95	(0.65- 1.39)
27	ROSENL	13	f	s	e	n	2	0	65	119	59	144	1.33	(0.87- 2.05)
Subtotal 27													1.10	(0.83- 1.47)
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
Partial Totals									558	1777	413	1251		
*prospective study														

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 48
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By continent - unadjusted

Asia

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA 3		f	s	e	f	2	0	376	69645	118	21895	1.00	(0.82- 1.23)
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
25	HE 1		f	s	e	n	2	0	76	95	39	113	2.32	(1.44- 3.72)
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
33	MCGHEE 5		m	h	p	f	2	0	74	71	285	347	1.27	(0.88- 1.82)
33	MCGHEE 6		f	h	p	f	2	0	113	150	112	195	1.31	(0.94- 1.84)
Subtotal 33													1.29	(1.01- 1.65)
Partial Totals									702	70061	691	22850		
*prospective study														

Other

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
9	JACKSO 3		m	h	c	b	2	0	-	-	-	-	1.10	(0.40- 3.00)
9	JACKSO 1		f	h	c	b	2	0	-	-	-	-	4.00	(1.35- 13.10)
Subtotal 9													1.94	(0.91- 4.13)
12	DOBSON 3		m	h	c	b	2	0	22	34	161	259	1.04	(0.59- 1.84)
12	DOBSON 1		f	h	c	b	2	0	43	99	117	433	1.61	(1.06- 2.43)
Subtotal 12													1.39	(0.99- 1.93)
22	CIRUZZ 5		m	s	c	n	2	0	15	22	141	206	1.00	(0.50- 1.99)
22	CIRUZZ 6		f	s	c	n	2	0	29	25	151	193	1.48	(0.83- 2.64)
Subtotal 22													1.26	(0.81- 1.96)
23	MCELDU 3		m	t	c	b	2	0	53	172	145	373	0.79	(0.55- 1.14)
23	MCELDU 1		f	t	c	b	2	0	31	147	54	479	1.87	(1.16- 3.02)
Subtotal 23													1.08	(0.81- 1.45)
Partial Totals									193	499	769	1943		
*prospective study														

Relative risks	NAmerica	Europe	Asia	Other	Total
	N 18	11	6	8	43
	NS 12	7	5	4	28
	Wt 4338.33	195.21	203.76	106.75	4844.05
Het Chi	74.36	5.25	13.67	15.45	125.25
Het df	17	10	5	7	42
Het P	***	N.S.	*	*	***
Fixed RR	1.03	1.26	1.24	1.25	1.05
RR1	1.00	1.09	1.08	1.04	1.03
RRu	1.07	1.45	1.43	1.51	1.08
P	+	++	++	+	+++
Random RR	1.07	1.26	1.40	1.31	1.16
RR1	0.99	1.09	1.08	0.97	1.08
RRu	1.17	1.45	1.80	1.78	1.24
P	N.S.	++	++	(+)	+++
Asymm P	N.S.	N.S.	*	N.S.	***
Between Chi		7.26	6.66	3.80	16.52
Between df		1	1	1	3
Between P		++	++	(+)	***

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 49
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By publication year (grouped) - adjusted

1984-88

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA 6		f	s	e	f	2	1	-	-	-	-	1.16 (0.94- 1.43)	
*2	GARLAN 5		f	s	e	f	2	5	-	-	-	-	2.70 (0.63- 11.58)	
3	LEE 2		m	s	m	n	2	2	-	-	-	-	1.24 (0.59- 2.59)	
3	LEE 4		f	s	m	n	2	2	-	-	-	-	0.93 (0.54- 1.61)	
Subtotal 3													1.03 (0.66- 1.60)	
4	MARTIN 1		f	s	e	n	2	6	-	-	-	-	2.60 (1.20- 5.70)	
*5	SVENDS 2		m	s	c	b	2	6	-	-	-	-	1.61 (0.96- 2.71)	
*6	BUTLER 2		f	s	e	f	2	1	-	-	-	-	1.07 (0.65- 1.75)	
Partial Totals									0	0	0	0		
*prospective study														

1989-92

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*8	HOLE 3		m	h	e	f	2	5	-	-	-	-	1.73 (1.01- 2.96)	
*8	HOLE 2		f	h	e	f	2	5	-	-	-	-	1.65 (0.79- 3.46)	
Subtotal 8													1.70 (1.10- 2.63)	
9	JACKSO 4		m	h	c	b	2	2	-	-	-	-	1.06 (0.39- 2.91)	
9	JACKSO 2		f	h	c	b	2	2	-	-	-	-	3.74 (1.15- 12.19)	
Subtotal 9													1.80 (0.84- 3.87)	
*10	SANDLE 2		m	h	c	f	2	4	-	-	-	-	1.31 (1.05- 1.64)	
*10	SANDLE 4		f	h	c	f	2	4	-	-	-	-	1.19 (1.04- 1.36)	
Subtotal 10													1.22 (1.09- 1.37)	
*11	HUMBLE 1		f	s	c	f	8	4	-	-	-	-	1.59 (0.99- 2.57)	
12	DOBSON 4		m	h	c	b	2	2	-	-	-	-	0.97 (0.50- 1.86)	
12	DOBSON 2		f	h	c	b	2	2	-	-	-	-	2.46 (1.47- 4.13)	
Subtotal 12													1.72 (1.15- 2.59)	
13	LAVECC 2		m	s	e	n	2	0	9	21	55	140	1.09 (0.47- 2.53)	
13	LAVECC 1		f	s	e	n	2	0	32	39	11	17	1.27 (0.52- 3.09)	
Subtotal 13													1.17 (0.64- 2.16)	
Partial Totals									41	60	66	157		
*prospective study														

1993-96

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
14	LAYARD 2		m	s	e	f	2	2	-	-	-	-	0.97 (0.73- 1.28)	
14	LAYARD 10		f	s	e	f	2	2	-	-	-	-	0.99 (0.84- 1.16)	
Subtotal 14													0.98 (0.86- 1.13)	
*15	LEVOIS 1		m	s	e	f	2	2	-	-	-	-	0.97 (0.90- 1.05)	
*15	LEVOIS 6		f	s	e	f	2	2	-	-	-	-	1.03 (0.98- 1.08)	
Subtotal 15													1.01 (0.97- 1.06)	
17	MUSCAT 1		m	s	e	n	2	0	20	25	48	83	1.38 (0.70- 2.75)	
17	MUSCAT 2		f	s	e	n	2	0	28	27	18	23	1.33 (0.59- 2.99)	
Subtotal 17													1.36 (0.80- 2.30)	
18	TUNSTA 2		c	t	c	n	2	4	-	-	-	-	1.34 (1.07- 1.67)	
*19	STEENL 3		m	s	e	f	2	12	-	-	-	-	1.09 (0.98- 1.21)	
*19	STEENL 4		f	s	e	f	2	13	-	-	-	-	1.04 (0.93- 1.16)	
Subtotal 19													1.07 (0.99- 1.15)	
Partial Totals									48	52	66	106		
*prospective study														

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 49
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By publication year (grouped) - adjusted

1997-00

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38 (0.95- 2.01)	
*21	KAWACH 11		f	h	c	b	2	15	-	-	-	-	1.53 (0.81- 2.90)	
22	CIRUZZ 7		m	s	c	n	2	9	-	-	-	-	1.18 (0.55- 2.52)	
22	CIRUZZ 8		f	s	c	n	2	9	-	-	-	-	1.73 (0.89- 3.36)	
Subtotal 22														
23	MCELDU 4		m	t	c	b	2	4	-	-	-	-	0.82 (0.55- 1.22)	
23	MCELDU 2		f	t	c	b	2	4	-	-	-	-	2.15 (1.18- 3.92)	
Subtotal 23														
25	HE 2		f	s	e	n	2	6	-	-	-	-	1.10 (0.79- 1.53)	
Partial Totals									63	100	137	300	1.60 (0.94- 2.90)	
*prospective study														

2001-

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
26	IRIBAR 4		m	h	c	n	2	11	-	-	-	-	1.13 (1.00- 1.27)	
26	IRIBAR 19		f	h	c	n	2	11	-	-	-	-	1.20 (1.09- 1.30)	
Subtotal 26														
27	ROSENL 2		m	s	e	n	2	8	-	-	-	-	0.96 (0.64- 1.44)	
27	ROSENL 14		f	s	e	n	2	8	-	-	-	-	1.53 (0.95- 2.44)	
Subtotal 27														
28	PITSAV 9		c	h	c	n	a	6	-	-	-	-	1.33 (0.89- 1.99)	
30	CHEN 10		c	h	c	n	2	10	-	-	-	-	1.20 (0.70- 2.20)	
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38 (1.04- 5.42)	
33	MCGHEE 1		m	h	p	f	2	2	-	-	-	-	1.30 (0.88- 1.93)	
33	MCGHEE 2		f	h	p	f	2	2	-	-	-	-	1.39 (0.95- 2.04)	
Subtotal 33														
Partial Totals									0	0	0	0	1.35 (1.02- 1.77)	
*prospective study														

		1984-88	1989-92	1993-96	1997-00	2001-	Total
Relative risks							
	N	7	11	9	7	9	43
	NS	6	6	5	5	6	28
	Wt	145.27	368.15	3222.30	99.15	896.92	4731.79
	Het Chi	7.31	13.86	10.32	9.45	6.75	81.91
	Het df	6	10	8	6	8	42
	Het P	N.S.	N.S.	N.S.	N.S.	N.S.	***
	Fixed RR	1.22	1.29	1.03	1.32	1.19	1.09
	RRl	1.04	1.17	0.99	1.09	1.12	1.06
	RRu	1.44	1.43	1.07	1.61	1.27	1.12
	P	+	+++	(+)	++	+++	+++
	Random RR	1.26	1.39	1.04	1.37	1.19	1.18
	RRl	1.02	1.18	0.99	1.06	1.12	1.11
	RRu	1.55	1.64	1.08	1.77	1.27	1.25
	P	+	+++	N.S.	+	+++	+++
	Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.	***
	Between Chi		0.33	4.11	0.36	0.08	34.22
	Between df		1	1	1	1	4
	Between P		N.S.	-	N.S.	N.S.	***

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 50
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By publication year (grouped) - unadjusted

1984-88

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA 3		f	s	e	f	2	0	376	69645	118	21895	1.00	(0.82- 1.23)
*2	GARLAN 1		f	s	e	f	2	0	17	492	2	203	3.51	(0.82- 15.04)
3	LEE 1		m	s	m	n	2	0	15	40	26	93	1.34	(0.64- 2.80)
3	LEE 3		f	s	m	n	2	0	55	229	22	89	0.97	(0.56- 1.69)
Subtotal 3													1.09	(0.70- 1.70)
4	MARTIN 1		f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
*5	SVENDS 1		m	s	c	b	2	0	21	286	48	959	1.47	(0.89- 2.41)
*6	BUTLER 1		f	s	e	f	2	0	20	10579	60	43052	1.36	(0.82- 2.25)
Partial Totals									504	81271	276	66291		
*prospective study														

1989-92

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
*8	HOLE 3		m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
*8	HOLE 2		f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
Subtotal 8													1.70	(1.10- 2.63)
9	JACKSO 3		m	h	c	b	2	0	-	-	-	-	1.10	(0.40- 3.00)
9	JACKSO 1		f	h	c	b	2	0	-	-	-	-	4.00	(1.35- 13.10)
Subtotal 9													1.94	(0.91- 4.13)
*10	SANDLE 1		m	h	c	f	2	0	122	1248	248	2914	1.15	(0.93- 1.41)
*10	SANDLE 3		f	h	c	f	2	0	551	9551	437	5322	0.70	(0.62- 0.79)
Subtotal 10													0.80	(0.72- 0.88)
*11	HUMBLE 1		f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
12	DOBSON 3		m	h	c	b	2	0	22	34	161	259	1.04	(0.59- 1.84)
12	DOBSON 1		f	h	c	b	2	0	43	99	117	433	1.61	(1.06- 2.43)
Subtotal 12													1.39	(0.99- 1.93)
13	LAVECC 2		m	s	e	n	2	0	9	21	55	140	1.09	(0.47- 2.53)
13	LAVECC 1		f	s	e	n	2	0	32	39	11	17	1.27	(0.52- 3.09)
Subtotal 13													1.17	(0.64- 2.16)
Partial Totals									779	10992	1029	9085		
*prospective study														

1993-96

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
14	LAYARD 1		m	s	e	f	2	0	97	215	378	783	0.93	(0.71- 1.22)
14	LAYARD 9		f	s	e	f	2	0	455	961	459	969	1.00	(0.85- 1.17)
Subtotal 14													0.98	(0.86- 1.13)
*15	LEVOIS 1		m	s	e	f	2	2	-	-	-	-	0.97	(0.90- 1.05)
*15	LEVOIS 6		f	s	e	f	2	2	-	-	-	-	1.03	(0.98- 1.08)
Subtotal 15													1.01	(0.97- 1.06)
17	MUSCAT 1		m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
17	MUSCAT 2		f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
Subtotal 17													1.36	(0.80- 2.30)
18	TUNSTA 1		c	t	c	n	2	0	329	1216	99	483	1.32	(1.03- 1.69)
*19	STEENL 3		m	s	e	f	2	12	-	-	-	-	1.09	(0.98- 1.21)
*19	STEENL 4		f	s	e	f	2	13	-	-	-	-	1.04	(0.93- 1.16)
Subtotal 19													1.07	(0.99- 1.15)
Partial Totals									929	2444	1002	2341		
*prospective study														

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 50
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By publication year (grouped) - unadjusted

1997-00

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
*21	KAWACH 11		f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
22	CIRUZZ 5		m	s	c	n	2	0	15	22	141	206	1.00	(0.50- 1.99)
22	CIRUZZ 6		f	s	c	n	2	0	29	25	151	193	1.48	(0.83- 2.64)
Subtotal 22													1.26	(0.81- 1.96)
23	MCELDU 3		m	t	c	b	2	0	53	172	145	373	0.79	(0.55- 1.14)
23	MCELDU 1		f	t	c	b	2	0	31	147	54	479	1.87	(1.16- 3.02)
Subtotal 23													1.08	(0.81- 1.45)
25	HE 1		f	s	e	n	2	0	76	95	39	113	2.32	(1.44- 3.72)
Partial Totals									267	561	667	1664		
*prospective study														

2001-

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
26	IRIBAR 4		m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
26	IRIBAR 19		f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
Subtotal 26													1.17	(1.09- 1.26)
27	ROSENL 1		m	s	e	n	2	0	53	113	141	285	0.95	(0.65- 1.39)
27	ROSENL 13		f	s	e	n	2	0	65	119	59	144	1.33	(0.87- 2.05)
Subtotal 27													1.10	(0.83- 1.47)
28	PITSAV 9		c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
30	CHEN 10		c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
33	MCGHEE 5		m	h	p	f	2	0	74	71	285	347	1.27	(0.88- 1.82)
33	MCGHEE 6		f	h	p	f	2	0	113	150	112	195	1.31	(0.94- 1.84)
Subtotal 33													1.29	(1.01- 1.65)
Partial Totals									305	453	597	971		
*prospective study														

Relative risks		1984-88	1989-92	1993-96	1997-00	2001-	Total
	N	7	11	9	7	9	43
	NS	6	6	5	5	6	28
	Wt	148.83	441.28	3218.94	119.63	915.37	4844.05
	Het Chi	10.05	50.58	9.01	16.09	5.82	125.25
	Het df	6	10	8	6	8	42
	Het P	N.S.	***	N.S.	*	N.S.	***
	Fixed RR	1.15	0.90	1.03	1.35	1.19	1.05
	RRl	0.98	0.82	0.99	1.13	1.11	1.03
	RRu	1.35	0.99	1.06	1.61	1.27	1.08
	P	(+)	-	N.S.	++	+++	+++
	Random RR	1.29	1.29	1.03	1.40	1.19	1.16
	RRl	1.00	0.96	0.99	1.03	1.11	1.08
	RRu	1.68	1.74	1.07	1.89	1.27	1.24
	P	(+)	(+)	N.S.	+	+++	+++
	Asymm P	*	**	N.S.	N.S.	N.S.	***
	Between Chi		6.40	1.79	1.64	0.14	33.71
	Between df		1	1	1	1	4
	Between P		-	N.S.	N.S.	N.S.	***

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 51
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 Overall - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI	
									Case	Cont	Case	Cont			
*1	HIRAYA	6	f	s	e	f	2	1	-	-	-	-	1.16	(0.94-	1.43)
*2	GARLAN	4	f	s	c	f	8	1	-	-	-	-	2.25	(0.32-	15.74)
3	LEE	2	m	s	m	n	2	2	-	-	-	-	1.24	(0.59-	2.59)
3	LEE	4	f	s	m	n	2	2	-	-	-	-	0.93	(0.54-	1.61)
Subtotal	3												1.03	(0.66-	1.60)
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60	(1.20-	5.70)
*5	SVENDS	2	m	s	c	b	2	6	-	-	-	-	1.61	(0.96-	2.71)
*6	BUTLER	4	f	s	c	f	8	1	-	-	-	-	1.40	(0.51-	3.84)
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73	(1.01-	2.96)
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65	(0.79-	3.46)
Subtotal	8												1.70	(1.10-	2.63)
9	JACKSO	4	m	h	c	b	2	2	-	-	-	-	1.06	(0.39-	2.91)
9	JACKSO	2	f	h	c	b	2	2	-	-	-	-	3.74	(1.15-	12.19)
Subtotal	9												1.80	(0.84-	3.87)
*10	SANDLE	2	m	h	c	f	2	4	-	-	-	-	1.31	(1.05-	1.64)
*10	SANDLE	4	f	h	c	f	2	4	-	-	-	-	1.19	(1.04-	1.36)
Subtotal	10												1.22	(1.09-	1.37)
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59	(0.99-	2.57)
12	DOBSON	4	m	h	c	b	2	2	-	-	-	-	0.97	(0.50-	1.86)
12	DOBSON	2	f	h	c	b	2	2	-	-	-	-	2.46	(1.47-	4.13)
Subtotal	12												1.72	(1.15-	2.59)
13	LAVECC	11	c	s	c	n	8	8	-	-	-	-	1.21	(0.57-	2.52)
14	LAYARD	2	m	s	e	f	2	2	-	-	-	-	0.97	(0.73-	1.28)
14	LAYARD	10	f	s	e	f	2	2	-	-	-	-	0.99	(0.84-	1.16)
Subtotal	14												0.98	(0.86-	1.13)
*15	LEVOIS	2	m	s	c	f	8	2	-	-	-	-	0.98	(0.91-	1.06)
*15	LEVOIS	7	f	s	c	f	8	2	-	-	-	-	1.04	(0.99-	1.09)
Subtotal	15												1.02	(0.98-	1.07)
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38	(0.70-	2.75)
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33	(0.59-	2.99)
Subtotal	17												1.36	(0.80-	2.30)
18	TUNSTA	2	c	t	c	n	2	4	-	-	-	-	1.34	(1.07-	1.67)
*19	STEENL	1	m	s	c	f	8	12	-	-	-	-	1.22	(1.07-	1.40)
*19	STEENL	2	f	s	c	f	8	13	-	-	-	-	1.10	(0.96-	1.27)
Subtotal	19												1.16	(1.05-	1.28)
20	JANGHO	1	f	s	e	n	2	0	63	100	137	300	1.38	(0.95-	2.01)
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53	(0.81-	2.90)
22	CIRUZZ	7	m	s	c	n	2	9	-	-	-	-	1.18	(0.55-	2.52)
22	CIRUZZ	8	f	s	c	n	2	9	-	-	-	-	1.73	(0.89-	3.36)
Subtotal	22												1.47	(0.89-	2.42)
23	MCELDU	4	m	t	c	b	2	4	-	-	-	-	0.82	(0.55-	1.22)
23	MCELDU	2	f	t	c	b	2	4	-	-	-	-	2.15	(1.18-	3.92)
Subtotal	23												1.10	(0.79-	1.53)
25	HE	2	f	s	e	n	2	6	-	-	-	-	1.60	(0.94-	2.90)
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13	(1.00-	1.27)
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20	(1.09-	1.30)
Subtotal	26												1.17	(1.09-	1.26)
27	ROSENL	4	m	s	c	n	8	8	-	-	-	-	0.98	(0.57-	1.69)
27	ROSENL	16	f	s	c	n	8	8	-	-	-	-	2.59	(1.27-	5.29)
Subtotal	27												1.40	(0.91-	2.16)
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33	(0.89-	1.99)
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20	(0.70-	2.20)
31	NISHTA	3	c	s	e	n	1	1	-	-	-	-	2.38	(1.04-	5.42)
33	MCGHEE	1	m	h	p	f	2	2	-	-	-	-	1.30	(0.88-	1.93)
33	MCGHEE	2	f	h	p	f	2	2	-	-	-	-	1.39	(0.95-	2.04)
Subtotal	33												1.35	(1.02-	1.77)
Partial Totals									111	152	203	406			
*prospective study															

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 51
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 Overall - adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Ys	Ws	Qs	Ps
*1	HIRAYA	6	f	s	e	f	2	1	0.15	87.29	0.21	0.1655
*2	GARLAN	4	f	s	c	f	8	1	0.81	1.01	0.51	0.4145
3	LEE	2	m	s	m	n	2	2	0.22	7.02	0.09	0.5687
3	LEE	4	f	s	m	n	2	2	-0.07	12.88	0.38	0.7946
Subtotal	3								-0.06	19.90	0.47	
4	MARTIN	1	f	s	e	n	2	6	0.96	6.33	4.64	0.0162
*5	SVENDS	2	m	s	c	b	2	6	0.48	14.27	2.03	0.0720
*6	BUTLER	4	f	s	c	f	8	1	0.34	3.77	0.21	0.5135
*8	HOLE	3	m	h	e	f	2	5	0.55	13.29	2.68	0.0457
*8	HOLE	2	f	h	e	f	2	5	0.50	7.04	1.13	0.1838
Subtotal	8								0.85	20.33	3.81	
9	JACKSO	4	m	h	c	b	2	2	0.06	3.80	0.01	0.9095
9	JACKSO	2	f	h	c	b	2	2	1.32	2.76	4.10	0.0285
Subtotal	9								1.18	6.56	4.11	
*10	SANDLE	2	m	h	c	f	2	4	0.27	77.28	2.25	0.0176
*10	SANDLE	4	f	h	c	f	2	4	0.17	213.52	1.18	0.0110
Subtotal	10								0.25	290.80	3.43	
*11	HUMBLE	1	f	s	c	f	8	4	0.46	16.88	2.24	0.0567
12	DOBSON	4	m	h	c	b	2	2	-0.03	8.90	0.15	0.9276
12	DOBSON	2	f	h	c	b	2	2	0.90	14.40	9.23	0.0006
Subtotal	12								0.67	23.30	9.38	
13	LAVECC	11	c	s	c	n	8	8	0.19	6.96	0.06	0.6152
14	LAYARD	2	m	s	e	f	2	2	-0.03	48.72	0.82	0.8316
14	LAYARD	10	f	s	e	f	2	2	-0.01	147.49	1.77	0.9029
Subtotal	14								-0.24	196.21	2.59	
*15	LEVOIS	2	m	s	c	f	8	2	-0.02	660.03	9.45	0.6037
*15	LEVOIS	7	f	s	c	f	8	2	0.04	1659.41	6.02	0.1101
Subtotal	15								-0.18	2319.43	15.47	
17	MUSCAT	1	m	s	e	n	2	0	0.32	8.14	0.41	0.3546
17	MUSCAT	2	f	s	e	n	2	0	0.28	5.82	0.19	0.4970
Subtotal	17								0.41	13.96	0.61	
18	TUNSTA	2	c	t	c	n	2	4	0.29	77.54	2.89	0.0100
*19	STEENL	1	m	s	c	f	8	12	0.20	212.64	2.10	0.0037
*19	STEENL	2	f	s	c	f	8	13	0.10	196.22	0.00	0.1818
Subtotal	19								0.10	408.86	2.10	
20	JANGHO	1	f	s	e	n	2	0	0.32	27.39	1.35	0.0922
*21	KAWACH	11	f	h	c	b	2	15	0.43	9.45	1.00	0.1912
22	CIRUZZ	7	m	s	c	n	2	9	0.17	6.63	0.03	0.6699
22	CIRUZZ	8	f	s	c	n	2	9	0.55	8.71	1.75	0.1058
Subtotal	22								0.51	15.34	1.78	
23	MCELDU	4	m	t	c	b	2	4	-0.20	24.21	2.15	0.3288
23	MCELDU	2	f	t	c	b	2	4	0.77	10.66	4.73	0.0124
Subtotal	23								0.37	34.87	6.88	
25	HE	2	f	s	e	n	2	6	0.47	12.11	1.66	0.1020
26	IRIBAR	4	m	h	c	n	2	11	0.12	268.97	0.14	0.0450
26	IRIBAR	19	f	h	c	n	2	11	0.18	495.01	3.40	0.0000
Subtotal	26								0.11	763.97	3.54	
27	ROSENL	4	m	s	c	n	8	8	-0.02	13.01	0.19	0.9419
27	ROSENL	16	f	s	c	n	8	8	0.95	7.55	5.48	0.0089
Subtotal	27								0.73	20.56	5.67	
28	PITSAV	9	c	h	c	n	a	6	0.29	23.73	0.82	0.1648
30	CHEN	10	c	h	c	n	2	10	0.18	11.72	0.08	0.5326
31	NISHTA	3	c	s	e	n	1	1	0.87	5.64	3.32	0.0395
33	MCGHEE	1	m	h	p	f	2	2	0.26	24.91	0.66	0.1904
33	MCGHEE	2	f	h	p	f	2	2	0.33	26.31	1.39	0.0912
Subtotal	33								0.39	51.22	2.05	

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 51
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 Overall - adjusted

Relative risks

	N	42
	NS	28
	Wt	4489.40
Het	Chi	82.93
Het	df	41
Het	P	***
Fixed	RR	1.10
	RRl	1.07
	RRu	1.14
	P	+++
Random	RR	1.20
	RRl	1.13
	RRu	1.28
	P	+++
Asymm	P	***

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 52
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 Overall - unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI	
									Numbers exposed		Non-exposed				
									Case	Cont	Case	Cont			
*1	HIRAYA 3		f	s	e	f	2	0	376	69645	118	21895	1.00	(0.82-	1.23)
*2	GARLAN 2		f	s	c	f	8	0	2	97	2	203	2.09	(0.30-	14.64)
3	LEE 1		m	s	m	n	2	0	15	40	26	93	1.34	(0.64-	2.80)
3	LEE 3		f	s	m	n	2	0	55	229	22	89	0.97	(0.56-	1.69)
Subtotal 3													1.09	(0.70-	1.70)
4	MARTIN 1		f	s	e	n	2	6	-	-	-	-	2.60	(1.20-	5.70)
*5	SVENDS 1		m	s	c	b	2	0	21	286	48	959	1.47	(0.89-	2.41)
*6	BUTLER 3		f	s	c	f	8	0	4	2487	60	43053	1.15	(0.42-	3.17)
*8	HOLE 3		m	h	e	f	2	5	-	-	-	-	1.73	(1.01-	2.96)
*8	HOLE 2		f	h	e	f	2	5	-	-	-	-	1.65	(0.79-	3.46)
Subtotal 8													1.70	(1.10-	2.63)
9	JACKSO 3		m	h	c	b	2	0	-	-	-	-	1.10	(0.40-	3.00)
9	JACKSO 1		f	h	c	b	2	0	-	-	-	-	4.00	(1.35-	13.10)
Subtotal 9													1.94	(0.91-	4.13)
*10	SANDLE 1		m	h	c	f	2	0	122	1248	248	2914	1.15	(0.93-	1.41)
*10	SANDLE 3		f	h	c	f	2	0	551	9551	437	5322	0.70	(0.62-	0.79)
Subtotal 10													0.80	(0.72-	0.88)
*11	HUMBLE 1		f	s	c	f	8	4	-	-	-	-	1.59	(0.99-	2.57)
12	DOBSON 3		m	h	c	b	2	0	22	34	161	259	1.04	(0.59-	1.84)
12	DOBSON 1		f	h	c	b	2	0	43	99	117	433	1.61	(1.06-	2.43)
Subtotal 12													1.39	(0.99-	1.93)
13	LAVECC 5		m	s	c	n	8	0	7	17	55	140	1.05	(0.41-	2.67)
13	LAVECC 3		f	s	c	n	8	0	17	20	11	17	1.31	(0.48-	3.56)
Subtotal 13													1.16	(0.59-	2.30)
14	LAYARD 1		m	s	e	f	2	0	97	215	378	783	0.93	(0.71-	1.22)
14	LAYARD 9		f	s	e	f	2	0	455	961	459	969	1.00	(0.85-	1.17)
Subtotal 14													0.98	(0.86-	1.13)
*15	LEVOIS 2		m	s	c	f	8	2	-	-	-	-	0.98	(0.91-	1.06)
*15	LEVOIS 7		f	s	c	f	8	2	-	-	-	-	1.04	(0.99-	1.09)
Subtotal 15													1.02	(0.98-	1.07)
17	MUSCAT 1		m	s	e	n	2	0	20	25	48	83	1.38	(0.70-	2.75)
17	MUSCAT 2		f	s	e	n	2	0	28	27	18	23	1.33	(0.59-	2.99)
Subtotal 17													1.36	(0.80-	2.30)
18	TUNSTA 1		c	t	c	n	2	0	329	1216	99	483	1.32	(1.03-	1.69)
*19	STEENL 1		m	s	c	f	8	12	-	-	-	-	1.22	(1.07-	1.40)
*19	STEENL 2		f	s	c	f	8	13	-	-	-	-	1.10	(0.96-	1.27)
Subtotal 19													1.16	(1.05-	1.28)
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38	(0.95-	2.01)
*21	KAWACH 11		f	h	c	b	2	15	-	-	-	-	1.53	(0.81-	2.90)
22	CIRUZZ 5		m	s	c	n	2	0	15	22	141	206	1.00	(0.50-	1.99)
22	CIRUZZ 6		f	s	c	n	2	0	29	25	151	193	1.48	(0.83-	2.64)
Subtotal 22													1.26	(0.81-	1.96)
23	MCELDU 3		m	t	c	b	2	0	53	172	145	373	0.79	(0.55-	1.14)
23	MCELDU 1		f	t	c	b	2	0	31	147	54	479	1.87	(1.16-	3.02)
Subtotal 23													1.08	(0.81-	1.45)
25	HE 1		f	s	e	n	2	0	76	95	39	113	2.32	(1.44-	3.72)
26	IRIBAR 4		m	h	c	n	2	11	-	-	-	-	1.13	(1.00-	1.27)
26	IRIBAR 19		f	h	c	n	2	11	-	-	-	-	1.20	(1.09-	1.30)
Subtotal 26													1.17	(1.09-	1.26)
27	ROSENL 3		m	s	c	n	8	0	27	51	141	285	1.07	(0.64-	1.78)
27	ROSENL 15		f	s	c	n	8	0	21	24	59	144	2.14	(1.10-	4.13)
Subtotal 27													1.38	(0.93-	2.07)
28	PITSAV 9		c	h	c	n	a	6	-	-	-	-	1.33	(0.89-	1.99)
30	CHEN 10		c	h	c	n	2	10	-	-	-	-	1.20	(0.70-	2.20)
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38	(1.04-	5.42)
33	MCGHEE 5		m	h	p	f	2	0	74	71	285	347	1.27	(0.88-	1.82)
33	MCGHEE 6		f	h	p	f	2	0	113	150	112	195	1.31	(0.94-	1.84)
Subtotal 33													1.29	(1.01-	1.65)
Partial Totals									2666	87054	3571	80353			
*prospective study															

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 52
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 Overall - unadjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Ys	Ws	Qs	Ps
*1	HIRAYA	3	f	s	e	f	2	0	0.00	90.30	0.36	0.9867
*2	GARLAN	2	f	s	c	f	8	0	0.74	1.02	0.46	0.4568
3	LEE	1	m	s	m	n	2	0	0.29	7.10	0.37	0.4340
3	LEE	3	f	s	m	n	2	0	-0.03	12.62	0.11	0.9185
Subtotal	3								0.14	19.72	0.48	
4	MARTIN	1	f	s	e	n	2	6	0.96	6.33	5.02	0.0162
*5	SVENDS	1	m	s	c	b	2	0	0.38	15.65	1.59	0.1296
*6	BUTLER	3	f	s	c	f	8	0	0.14	3.76	0.02	0.7812
*8	HOLE	3	m	h	e	f	2	5	0.55	13.29	3.11	0.0457
*8	HOLE	2	f	h	e	f	2	5	0.50	7.04	1.34	0.1838
Subtotal	8								0.92	20.33	4.45	
9	JACKSO	3	m	h	c	b	2	0	0.10	3.78	0.00	0.8529
9	JACKSO	1	f	h	c	b	2	0	1.39	2.98	5.20	0.0168
Subtotal	9								1.35	6.76	5.20	
*10	SANDLE	1	m	h	c	f	2	0	0.14	90.22	0.49	0.1881
*10	SANDLE	3	f	h	c	f	2	0	-0.35	262.43	45.79	0.0000
Subtotal	10								-0.34	352.64	46.28	
*11	HUMBLE	1	f	s	c	f	8	4	0.46	16.88	2.69	0.0567
12	DOBSON	3	m	h	c	b	2	0	0.04	11.77	0.01	0.8905
12	DOBSON	1	f	h	c	b	2	0	0.47	22.62	3.80	0.0240
Subtotal	12								0.39	34.39	3.81	
13	LAVECC	5	m	s	c	n	8	0	0.05	4.41	0.00	0.9214
13	LAVECC	3	f	s	c	n	8	0	0.27	3.87	0.17	0.5916
Subtotal	13								0.19	8.27	0.17	
14	LAYARD	1	m	s	e	f	2	0	-0.07	52.96	0.93	0.6223
14	LAYARD	9	f	s	e	f	2	0	-0.00	155.06	0.66	0.9954
Subtotal	14								-0.20	208.02	1.59	
*15	LEVOIS	2	m	s	c	f	8	2	-0.02	660.03	4.76	0.6037
*15	LEVOIS	7	f	s	c	f	8	2	0.04	1659.41	1.08	0.1101
Subtotal	15								-0.11	2319.43	5.84	
17	MUSCAT	1	m	s	e	n	2	0	0.32	8.14	0.55	0.3546
17	MUSCAT	2	f	s	e	n	2	0	0.28	5.82	0.27	0.4970
Subtotal	17								0.48	13.96	0.82	
18	TUNSTA	1	c	t	c	n	2	0	0.28	62.37	2.83	0.0283
*19	STEENL	1	m	s	c	f	8	12	0.20	212.64	3.83	0.0037
*19	STEENL	2	f	s	c	f	8	13	0.10	196.22	0.18	0.1818
Subtotal	19								0.16	408.86	4.01	
20	JANGHO	1	f	s	e	n	2	0	0.32	27.39	1.81	0.0922
*21	KAWACH	11	f	h	c	b	2	15	0.43	9.45	1.23	0.1912
22	CIRUZZ	5	m	s	c	n	2	0	-0.00	8.06	0.04	0.9912
22	CIRUZZ	6	f	s	c	n	2	0	0.39	11.59	1.26	0.1800
Subtotal	22								0.26	19.65	1.29	
23	MCELDU	3	m	t	c	b	2	0	-0.23	29.19	2.58	0.2093
23	MCELDU	1	f	t	c	b	2	0	0.63	16.76	5.29	0.0104
Subtotal	23								0.26	45.95	7.86	
25	HE	1	f	s	e	n	2	0	0.84	17.19	10.35	0.0005
26	IRIBAR	4	m	h	c	n	2	11	0.12	268.97	0.89	0.0450
26	IRIBAR	19	f	h	c	n	2	11	0.18	495.01	6.85	0.0000
Subtotal	26								0.18	763.97	7.74	
27	ROSENL	3	m	s	c	n	8	0	0.07	14.87	0.00	0.7939
27	ROSENL	15	f	s	c	n	8	0	0.76	8.84	4.26	0.0241
Subtotal	27								0.70	23.71	4.26	
28	PITSAV	9	c	h	c	n	a	6	0.29	23.73	1.15	0.1648
30	CHEN	10	c	h	c	n	2	10	0.18	11.72	0.16	0.5326
31	NISHTA	3	c	s	e	n	1	1	0.87	5.64	3.63	0.0395
33	MCGHEE	5	m	h	p	f	2	0	0.24	29.42	0.89	0.1963
33	MCGHEE	6	f	h	p	f	2	0	0.27	33.81	1.44	0.1147
Subtotal	33								0.38	63.24	2.33	

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 52
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 Overall - unadjusted

Relative risks

	N	43
	NS	28
	Wt	4600.32
Het	Chi	127.42
Het	df	42
Het	P	***
Fixed	RR	1.07
	RRl	1.04
	RRu	1.10
	P	+++
Random	RR	1.18
	RRl	1.10
	RRu	1.27
	P	+++
Asymm	P	**

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 53
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By sex - adjusted

combined

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
13	LAVECC	11	c	s	c	n	8	8	-	-	-	-	1.21	(0.57- 2.52)
18	TUNSTA	2	c	t	c	n	2	4	-	-	-	-	1.34	(1.07- 1.67)
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
31	NISHTA	3	c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
Partial Totals									0	0	0	0		

*prospective study

male

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
3	LEE	2	m	s	m	n	2	2	-	-	-	-	1.24	(0.59- 2.59)
*5	SVENDS	2	m	s	c	b	2	6	-	-	-	-	1.61	(0.96- 2.71)
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
9	JACKSO	4	m	h	c	b	2	2	-	-	-	-	1.06	(0.39- 2.91)
*10	SANDLE	2	m	h	c	f	2	4	-	-	-	-	1.31	(1.05- 1.64)
12	DOBSON	4	m	h	c	b	2	2	-	-	-	-	0.97	(0.50- 1.86)
14	LAYARD	2	m	s	e	f	2	2	-	-	-	-	0.97	(0.73- 1.28)
*15	LEVOIS	2	m	s	c	f	8	2	-	-	-	-	0.98	(0.91- 1.06)
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
*19	STEENL	1	m	s	c	f	8	12	-	-	-	-	1.22	(1.07- 1.40)
22	CIRUZZ	7	m	s	c	n	2	9	-	-	-	-	1.18	(0.55- 2.52)
23	MCELDU	4	m	t	c	b	2	4	-	-	-	-	0.82	(0.55- 1.22)
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
27	ROSENL	4	m	s	c	n	8	8	-	-	-	-	0.98	(0.57- 1.69)
33	MCGHEE	1	m	h	p	f	2	2	-	-	-	-	1.30	(0.88- 1.93)
Partial Totals									20	25	48	83		

*prospective study

female

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA	6	f	s	e	f	2	1	-	-	-	-	1.16	(0.94- 1.43)
*2	GARLAN	4	f	s	c	f	8	1	-	-	-	-	2.25	(0.32- 15.74)
3	LEE	4	f	s	m	n	2	2	-	-	-	-	0.93	(0.54- 1.61)
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
*6	BUTLER	4	f	s	c	f	8	1	-	-	-	-	1.40	(0.51- 3.84)
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
9	JACKSO	2	f	h	c	b	2	2	-	-	-	-	3.74	(1.15- 12.19)
*10	SANDLE	4	f	h	c	f	2	4	-	-	-	-	1.19	(1.04- 1.36)
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
12	DOBSON	2	f	h	c	b	2	2	-	-	-	-	2.46	(1.47- 4.13)
14	LAYARD	10	f	s	e	f	2	2	-	-	-	-	0.99	(0.84- 1.16)
*15	LEVOIS	7	f	s	c	f	8	2	-	-	-	-	1.04	(0.99- 1.09)
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
*19	STEENL	2	f	s	c	f	8	13	-	-	-	-	1.10	(0.96- 1.27)
20	JANGHO	1	f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
22	CIRUZZ	8	f	s	c	n	2	9	-	-	-	-	1.73	(0.89- 3.36)
23	MCELDU	2	f	t	c	b	2	4	-	-	-	-	2.15	(1.18- 3.92)
25	HE	2	f	s	e	n	2	6	-	-	-	-	1.60	(0.94- 2.90)
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
27	ROSENL	16	f	s	c	n	8	8	-	-	-	-	2.59	(1.27- 5.29)
33	MCGHEE	2	f	h	p	f	2	2	-	-	-	-	1.39	(0.95- 2.04)
Partial Totals									91	127	155	323		

*prospective study

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 53
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By sex - adjusted

	combined	male	female	Total
Relative risks				
N	5	15	22	42
NS	5	15	22	42
Wt	125.58	1391.83	2971.99	4489.40
Het Chi	2.07	22.19	52.56	82.93
Het df	4	14	21	41
Het P	N.S.	(*)	***	***
Fixed RR	1.35	1.08	1.11	1.10
RRl	1.13	1.02	1.07	1.07
RRu	1.61	1.13	1.15	1.14
P	+++	++	+++	+++
Random RR	1.35	1.13	1.26	1.20
RRl	1.13	1.03	1.15	1.13
RRu	1.61	1.23	1.39	1.28
P	+++	+	+++	+++
Asymm P	N.S.	N.S.	***	***
Between Chi		5.98	4.72	6.10
Between df		1	1	2
Between P		-	-	*

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 54
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By sex - unadjusted

combined

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
18	TUNSTA 1		c	t	c	n	2	0	329	1216	99	483	1.32	(1.03- 1.69)
28	PITSAV 9		c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
30	CHEN 10		c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
Partial Totals									329	1216	99	483		

*prospective study

male

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
3	LEE 1		m	s	m	n	2	0	15	40	26	93	1.34	(0.64- 2.80)
*5	SVENDS 1		m	s	c	b	2	0	21	286	48	959	1.47	(0.89- 2.41)
*8	HOLE 3		m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
9	JACKSO 3		m	h	c	b	2	0	-	-	-	-	1.10	(0.40- 3.00)
*10	SANDLE 1		m	h	c	f	2	0	122	1248	248	2914	1.15	(0.93- 1.41)
12	DOBSON 3		m	h	c	b	2	0	22	34	161	259	1.04	(0.59- 1.84)
13	LAVECC 5		m	s	c	n	8	0	7	17	55	140	1.05	(0.41- 2.67)
14	LAYARD 1		m	s	e	f	2	0	97	215	378	783	0.93	(0.71- 1.22)
*15	LEVOIS 2		m	s	c	f	8	2	-	-	-	-	0.98	(0.91- 1.06)
17	MUSCAT 1		m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
*19	STEENL 1		m	s	c	f	8	12	-	-	-	-	1.22	(1.07- 1.40)
22	CIRUZZ 5		m	s	c	n	2	0	15	22	141	206	1.00	(0.50- 1.99)
23	MCELDU 3		m	t	c	b	2	0	53	172	145	373	0.79	(0.55- 1.14)
26	IRIBAR 4		m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
27	ROSENL 3		m	s	c	n	8	0	27	51	141	285	1.07	(0.64- 1.78)
33	MCGHEE 5		m	h	p	f	2	0	74	71	285	347	1.27	(0.88- 1.82)
Partial Totals									473	2181	1676	6442		

*prospective study

female

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA 3		f	s	e	f	2	0	376	69645	118	21895	1.00	(0.82- 1.23)
*2	GARLAN 2		f	s	c	f	8	0	2	97	2	203	2.09	(0.30- 14.64)
3	LEE 3		f	s	m	n	2	0	55	229	22	89	0.97	(0.56- 1.69)
4	MARTIN 1		f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
*6	BUTLER 3		f	s	c	f	8	0	4	2487	60	43053	1.15	(0.42- 3.17)
*8	HOLE 2		f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
9	JACKSO 1		f	h	c	b	2	0	-	-	-	-	4.00	(1.35- 13.10)
*10	SANDLE 3		f	h	c	f	2	0	551	9551	437	5322	0.70	(0.62- 0.79)
*11	HUMBLE 1		f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
12	DOBSON 1		f	h	c	b	2	0	43	99	117	433	1.61	(1.06- 2.43)
13	LAVECC 3		f	s	c	n	8	0	17	20	11	17	1.31	(0.48- 3.56)
14	LAYARD 9		f	s	e	f	2	0	455	961	459	969	1.00	(0.85- 1.17)
*15	LEVOIS 7		f	s	c	f	8	2	-	-	-	-	1.04	(0.99- 1.09)
17	MUSCAT 2		f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
*19	STEENL 2		f	s	c	f	8	13	-	-	-	-	1.10	(0.96- 1.27)
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
*21	KAWACH 11		f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
22	CIRUZZ 6		f	s	c	n	2	0	29	25	151	193	1.48	(0.83- 2.64)
23	MCELDU 1		f	t	c	b	2	0	31	147	54	479	1.87	(1.16- 3.02)
25	HE 1		f	s	e	n	2	0	76	95	39	113	2.32	(1.44- 3.72)
26	IRIBAR 19		f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
27	ROSENL 15		f	s	c	n	8	0	21	24	59	144	2.14	(1.10- 4.13)
33	MCGHEE 6		f	h	p	f	2	0	113	150	112	195	1.31	(0.94- 1.84)
Partial Totals									1864	83657	1796	73428		

*prospective study

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 54
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By sex - unadjusted

	combined	male	female	Total
Relative risks				
N	4	16	23	43
NS	4	16	23	43
Wt	103.46	1430.49	3066.38	4600.32
Het Chi	2.01	20.02	99.45	127.42
Het df	3	15	22	42
Het P	N.S.	N.S.	***	***
Fixed RR	1.35	1.07	1.06	1.07
RRl	1.11	1.01	1.02	1.04
RRu	1.64	1.12	1.10	1.10
P	++	+	++	+++
Random RR	1.35	1.10	1.25	1.18
RRl	1.11	1.01	1.11	1.10
RRu	1.64	1.19	1.40	1.27
P	++	+	+++	+++
Asymm P	N.S.	N.S.	*	**
Between Chi		5.42	5.93	5.93
Between df		1	1	2
Between P		-	-	(*)

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 55
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By continent - adjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*2	GARLAN	4	f	s	c	f	8	1	-	-	-	-	2.25 (0.32- 15.74)	
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60 (1.20- 5.70)	
*5	SVENDS	2	m	s	c	b	2	6	-	-	-	-	1.61 (0.96- 2.71)	
*6	BUTLER	4	f	s	c	f	8	1	-	-	-	-	1.40 (0.51- 3.84)	
*10	SANDLE	2	m	h	c	f	2	4	-	-	-	-	1.31 (1.05- 1.64)	
*10	SANDLE	4	f	h	c	f	2	4	-	-	-	-	1.19 (1.04- 1.36)	
Subtotal 10									-	-	-	-	1.22 (1.09- 1.37)	
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59 (0.99- 2.57)	
14	LAYARD	2	m	s	e	f	2	2	-	-	-	-	0.97 (0.73- 1.28)	
14	LAYARD	10	f	s	e	f	2	2	-	-	-	-	0.99 (0.84- 1.16)	
Subtotal 14									-	-	-	-	0.98 (0.86- 1.13)	
*15	LEVOIS	2	m	s	c	f	8	2	-	-	-	-	0.98 (0.91- 1.06)	
*15	LEVOIS	7	f	s	c	f	8	2	-	-	-	-	1.04 (0.99- 1.09)	
Subtotal 15									-	-	-	-	1.02 (0.98- 1.07)	
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38 (0.70- 2.75)	
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33 (0.59- 2.99)	
Subtotal 17									-	-	-	-	1.36 (0.80- 2.30)	
*19	STEENL	1	m	s	c	f	8	12	-	-	-	-	1.22 (1.07- 1.40)	
*19	STEENL	2	f	s	c	f	8	13	-	-	-	-	1.10 (0.96- 1.27)	
Subtotal 19									-	-	-	-	1.16 (1.05- 1.28)	
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53 (0.81- 2.90)	
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13 (1.00- 1.27)	
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20 (1.09- 1.30)	
Subtotal 26									-	-	-	-	1.17 (1.09- 1.26)	
Partial Totals									48	52	66	106		

*prospective study

Europe

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
3	LEE	2	m	s	m	n	2	2	-	-	-	-	1.24 (0.59- 2.59)	
3	LEE	4	f	s	m	n	2	2	-	-	-	-	0.93 (0.54- 1.61)	
Subtotal 3									-	-	-	-	1.03 (0.66- 1.60)	
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73 (1.01- 2.96)	
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65 (0.79- 3.46)	
Subtotal 8									-	-	-	-	1.70 (1.10- 2.63)	
13	LAVECC	11	c	s	c	n	8	8	-	-	-	-	1.21 (0.57- 2.52)	
18	TUNSTA	2	c	t	c	n	2	4	-	-	-	-	1.34 (1.07- 1.67)	
27	ROSENL	4	m	s	c	n	8	8	-	-	-	-	0.98 (0.57- 1.69)	
27	ROSENL	16	f	s	c	n	8	8	-	-	-	-	2.59 (1.27- 5.29)	
Subtotal 27									-	-	-	-	1.40 (0.91- 2.16)	
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33 (0.89- 1.99)	
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20 (0.70- 2.20)	
Partial Totals									0	0	0	0		

*prospective study

Asia

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA	6	f	s	e	f	2	1	-	-	-	-	1.16 (0.94- 1.43)	
20	JANGHO	1	f	s	e	n	2	0	63	100	137	300	1.38 (0.95- 2.01)	
25	HE	2	f	s	e	n	2	6	-	-	-	-	1.60 (0.94- 2.90)	
31	NISHTA	3	c	s	e	n	1	1	-	-	-	-	2.38 (1.04- 5.42)	
33	MCGHEE	1	m	h	p	f	2	2	-	-	-	-	1.30 (0.88- 1.93)	
33	MCGHEE	2	f	h	p	f	2	2	-	-	-	-	1.39 (0.95- 2.04)	
Subtotal 33									-	-	-	-	1.35 (1.02- 1.77)	
Partial Totals									63	100	137	300		

*prospective study

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 55
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By continent - adjusted

Other

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
9	JACKSO	4	m	h	c	b	2	2	-	-	-	-	1.06	(0.39-	2.91)
9	JACKSO	2	f	h	c	b	2	2	-	-	-	-	3.74	(1.15-	12.19)
Subtotal 9													1.80	(0.84-	3.87)
12	DOBSON	4	m	h	c	b	2	2	-	-	-	-	0.97	(0.50-	1.86)
12	DOBSON	2	f	h	c	b	2	2	-	-	-	-	2.46	(1.47-	4.13)
Subtotal 12													1.72	(1.15-	2.59)
22	CIRUZZ	7	m	s	c	n	2	9	-	-	-	-	1.18	(0.55-	2.52)
22	CIRUZZ	8	f	s	c	n	2	9	-	-	-	-	1.73	(0.89-	3.36)
Subtotal 22													1.47	(0.89-	2.42)
23	MCELDU	4	m	t	c	b	2	4	-	-	-	-	0.82	(0.55-	1.22)
23	MCELDU	2	f	t	c	b	2	4	-	-	-	-	2.15	(1.18-	3.92)
Subtotal 23													1.10	(0.79-	1.53)
Partial Totals									0	0	0	0			
*prospective study															

Relative risks	NAmerica		Europe	Asia	Other	Total
	N	NS				
	18	12	10	6	8	42
			7	5	4	28
	Wt	4044.95	180.73	183.65	80.07	4489.40
	Het Chi	36.78	7.68	3.93	18.19	82.93
	Het df	17	9	5	7	41
	Het P	**	N.S.	N.S.	*	***
	Fixed RR	1.08	1.33	1.30	1.38	1.10
	RRl	1.05	1.15	1.12	1.11	1.07
	RRu	1.12	1.54	1.50	1.72	1.14
	P	+++	+++	+++	++	+++
	Random RR	1.13	1.33	1.30	1.48	1.20
	RRl	1.06	1.15	1.12	1.02	1.13
	RRu	1.20	1.54	1.50	2.16	1.28
	P	+++	+++	+++	+	+++
	Asymm P	**	N.S.	***	N.S.	***
	Between Chi		7.19	5.65	4.61	16.35
	Between df		1	1	1	3
	Between P		++	+	+	***

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 56
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By continent - unadjusted

NAmerica

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
*2	GARLAN	2	f	s	c	f	8	0	2	97	2	203	2.09	(0.30- 14.64)
4	MARTIN	1	f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
*5	SVENDS	1	m	s	c	b	2	0	21	286	48	959	1.47	(0.89- 2.41)
*6	BUTLER	3	f	s	c	f	8	0	4	2487	60	43053	1.15	(0.42- 3.17)
*10	SANDLE	1	m	h	c	f	2	0	122	1248	248	2914	1.15	(0.93- 1.41)
*10	SANDLE	3	f	h	c	f	2	0	551	9551	437	5322	0.70	(0.62- 0.79)
Subtotal 10													0.80	(0.72- 0.88)
*11	HUMBLE	1	f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
14	LAYARD	1	m	s	e	f	2	0	97	215	378	783	0.93	(0.71- 1.22)
14	LAYARD	9	f	s	e	f	2	0	455	961	459	969	1.00	(0.85- 1.17)
Subtotal 14													0.98	(0.86- 1.13)
*15	LEVOIS	2	m	s	c	f	8	2	-	-	-	-	0.98	(0.91- 1.06)
*15	LEVOIS	7	f	s	c	f	8	2	-	-	-	-	1.04	(0.99- 1.09)
Subtotal 15													1.02	(0.98- 1.07)
17	MUSCAT	1	m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
17	MUSCAT	2	f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
Subtotal 17													1.36	(0.80- 2.30)
*19	STEENL	1	m	s	c	f	8	12	-	-	-	-	1.22	(1.07- 1.40)
*19	STEENL	2	f	s	c	f	8	13	-	-	-	-	1.10	(0.96- 1.27)
Subtotal 19													1.16	(1.05- 1.28)
*21	KAWACH	11	f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
26	IRIBAR	4	m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
26	IRIBAR	19	f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
Subtotal 26													1.17	(1.09- 1.26)
Partial Totals									1300	14897	1698	54309		
*prospective study														

Europe

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
3	LEE	1	m	s	m	n	2	0	15	40	26	93	1.34	(0.64- 2.80)
3	LEE	3	f	s	m	n	2	0	55	229	22	89	0.97	(0.56- 1.69)
Subtotal 3													1.09	(0.70- 1.70)
*8	HOLE	3	m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
*8	HOLE	2	f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
Subtotal 8													1.70	(1.10- 2.63)
13	LAVECC	5	m	s	c	n	8	0	7	17	55	140	1.05	(0.41- 2.67)
13	LAVECC	3	f	s	c	n	8	0	17	20	11	17	1.31	(0.48- 3.56)
Subtotal 13													1.16	(0.59- 2.30)
18	TUNSTA	1	c	t	c	n	2	0	329	1216	99	483	1.32	(1.03- 1.69)
27	ROSENL	3	m	s	c	n	8	0	27	51	141	285	1.07	(0.64- 1.78)
27	ROSENL	15	f	s	c	n	8	0	21	24	59	144	2.14	(1.10- 4.13)
Subtotal 27													1.38	(0.93- 2.07)
28	PITSAV	9	c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
30	CHEN	10	c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
Partial Totals									471	1597	413	1251		
*prospective study														

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 56
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By continent - unadjusted

Asia

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA 3		f	s	e	f	2	0	376	69645	118	21895	1.00	(0.82- 1.23)
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
25	HE 1		f	s	e	n	2	0	76	95	39	113	2.32	(1.44- 3.72)
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
33	MCGHEE 5		m	h	p	f	2	0	74	71	285	347	1.27	(0.88- 1.82)
33	MCGHEE 6		f	h	p	f	2	0	113	150	112	195	1.31	(0.94- 1.84)
Subtotal 33													1.29	(1.01- 1.65)
Partial Totals									702	70061	691	22850		
*prospective study														

Other

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
9	JACKSO 3		m	h	c	b	2	0	-	-	-	-	1.10	(0.40- 3.00)
9	JACKSO 1		f	h	c	b	2	0	-	-	-	-	4.00	(1.35- 13.10)
Subtotal 9													1.94	(0.91- 4.13)
12	DOBSON 3		m	h	c	b	2	0	22	34	161	259	1.04	(0.59- 1.84)
12	DOBSON 1		f	h	c	b	2	0	43	99	117	433	1.61	(1.06- 2.43)
Subtotal 12													1.39	(0.99- 1.93)
22	CIRUZZ 5		m	s	c	n	2	0	15	22	141	206	1.00	(0.50- 1.99)
22	CIRUZZ 6		f	s	c	n	2	0	29	25	151	193	1.48	(0.83- 2.64)
Subtotal 22													1.26	(0.81- 1.96)
23	MCELDU 3		m	t	c	b	2	0	53	172	145	373	0.79	(0.55- 1.14)
23	MCELDU 1		f	t	c	b	2	0	31	147	54	479	1.87	(1.16- 3.02)
Subtotal 23													1.08	(0.81- 1.45)
Partial Totals									193	499	769	1943		
*prospective study														

Relative risks		NAmerica	Europe	Asia	Other	Total
	N	18	11	6	8	43
	NS	12	7	5	4	28
	Wt	4119.97	169.85	203.76	106.75	4600.32
	Het Chi	75.53	5.55	13.67	15.45	127.42
	Het df	17	10	5	7	42
	Het P	***	N.S.	*	*	***
Fixed	RR	1.05	1.32	1.24	1.25	1.07
	RR1	1.01	1.14	1.08	1.04	1.04
	RRu	1.08	1.54	1.43	1.51	1.10
	P	++	+++	++	+	+++
Random	RR	1.08	1.32	1.40	1.31	1.18
	RR1	0.99	1.14	1.08	0.97	1.10
	RRu	1.19	1.54	1.80	1.78	1.27
	P	(+)	+++	++	(+)	+++
Asymm	P	N.S.	N.S.	*	N.S.	**
Between	Chi		9.16	5.90	3.38	17.23
Between	df		1	1	1	3
Between	P		++	+	(+)	***

 Within each study, results are included (in the following order of preference) for:
 1) EXP Exposure = spouse (s), household (h), total (t)
 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 57
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By publication year (grouped) - adjusted

1984-88

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*1	HIRAYA 6		f	s	e	f	2	1	-	-	-	-	1.16 (0.94- 1.43)	
*2	GARLAN 4		f	s	c	f	8	1	-	-	-	-	2.25 (0.32- 15.74)	
3	LEE 2		m	s	m	n	2	2	-	-	-	-	1.24 (0.59- 2.59)	
3	LEE 4		f	s	m	n	2	2	-	-	-	-	0.93 (0.54- 1.61)	
Subtotal 3													1.03 (0.66- 1.60)	
4	MARTIN 1		f	s	e	n	2	6	-	-	-	-	2.60 (1.20- 5.70)	
*5	SVENDS 2		m	s	c	b	2	6	-	-	-	-	1.61 (0.96- 2.71)	
*6	BUTLER 4		f	s	c	f	8	1	-	-	-	-	1.40 (0.51- 3.84)	
Partial Totals									0	0	0	0		
*prospective study														

1989-92

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
*8	HOLE 3		m	h	e	f	2	5	-	-	-	-	1.73 (1.01- 2.96)	
*8	HOLE 2		f	h	e	f	2	5	-	-	-	-	1.65 (0.79- 3.46)	
Subtotal 8													1.70 (1.10- 2.63)	
9	JACKSO 4		m	h	c	b	2	2	-	-	-	-	1.06 (0.39- 2.91)	
9	JACKSO 2		f	h	c	b	2	2	-	-	-	-	3.74 (1.15- 12.19)	
Subtotal 9													1.80 (0.84- 3.87)	
*10	SANDLE 2		m	h	c	f	2	4	-	-	-	-	1.31 (1.05- 1.64)	
*10	SANDLE 4		f	h	c	f	2	4	-	-	-	-	1.19 (1.04- 1.36)	
Subtotal 10													1.22 (1.09- 1.37)	
*11	HUMBLE 1		f	s	c	f	8	4	-	-	-	-	1.59 (0.99- 2.57)	
12	DOBSON 4		m	h	c	b	2	2	-	-	-	-	0.97 (0.50- 1.86)	
12	DOBSON 2		f	h	c	b	2	2	-	-	-	-	2.46 (1.47- 4.13)	
Subtotal 12													1.72 (1.15- 2.59)	
13	LAVECC 11		c	s	c	n	8	8	-	-	-	-	1.21 (0.57- 2.52)	
Partial Totals									0	0	0	0		
*prospective study														

1993-96

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Case	Cont	Case	Cont		
14	LAYARD 2		m	s	e	f	2	2	-	-	-	-	0.97 (0.73- 1.28)	
14	LAYARD 10		f	s	e	f	2	2	-	-	-	-	0.99 (0.84- 1.16)	
Subtotal 14													0.98 (0.86- 1.13)	
*15	LEVOIS 2		m	s	c	f	8	2	-	-	-	-	0.98 (0.91- 1.06)	
*15	LEVOIS 7		f	s	c	f	8	2	-	-	-	-	1.04 (0.99- 1.09)	
Subtotal 15													1.02 (0.98- 1.07)	
17	MUSCAT 1		m	s	e	n	2	0	20	25	48	83	1.38 (0.70- 2.75)	
17	MUSCAT 2		f	s	e	n	2	0	28	27	18	23	1.33 (0.59- 2.99)	
Subtotal 17													1.36 (0.80- 2.30)	
18	TUNSTA 2		c	t	c	n	2	4	-	-	-	-	1.34 (1.07- 1.67)	
*19	STEENL 1		m	s	c	f	8	12	-	-	-	-	1.22 (1.07- 1.40)	
*19	STEENL 2		f	s	c	f	8	13	-	-	-	-	1.10 (0.96- 1.27)	
Subtotal 19													1.16 (1.05- 1.28)	
Partial Totals									48	52	66	106		
*prospective study														

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 57
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By publication year (grouped) - adjusted

1997-00

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
*21	KAWACH 11		f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
22	CIRUZZ 7		m	s	c	n	2	9	-	-	-	-	1.18	(0.55- 2.52)
22	CIRUZZ 8		f	s	c	n	2	9	-	-	-	-	1.73	(0.89- 3.36)
Subtotal 22													1.47	(0.89- 2.42)
23	MCELDU 4		m	t	c	b	2	4	-	-	-	-	0.82	(0.55- 1.22)
23	MCELDU 2		f	t	c	b	2	4	-	-	-	-	2.15	(1.18- 3.92)
Subtotal 23													1.10	(0.79- 1.53)
25	HE 2		f	s	e	n	2	6	-	-	-	-	1.60	(0.94- 2.90)
Partial Totals									63	100	137	300		
*prospective study														

2001-

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
26	IRIBAR 4		m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
26	IRIBAR 19		f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
Subtotal 26													1.17	(1.09- 1.26)
27	ROSENL 4		m	s	c	n	8	8	-	-	-	-	0.98	(0.57- 1.69)
27	ROSENL 16		f	s	c	n	8	8	-	-	-	-	2.59	(1.27- 5.29)
Subtotal 27													1.40	(0.91- 2.16)
28	PITSAV 9		c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
30	CHEN 10		c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
33	MCGHEE 1		m	h	p	f	2	2	-	-	-	-	1.30	(0.88- 1.93)
33	MCGHEE 2		f	h	p	f	2	2	-	-	-	-	1.39	(0.95- 2.04)
Subtotal 33													1.35	(1.02- 1.77)
Partial Totals									0	0	0	0		
*prospective study														

Relative risks		1984-88	1989-92	1993-96	1997-00	2001-	Total
	N	7	10	9	7	9	42
	NS	6	6	5	5	6	28
	Wt	132.57	364.83	3016.01	99.15	876.84	4489.40
	Het Chi	6.31	13.73	14.83	9.45	9.59	82.93
	Het df	6	9	8	6	8	41
	Het P	N.S.	N.S.	(*)	N.S.	N.S.	***
	Fixed RR	1.24	1.30	1.05	1.32	1.20	1.10
	RRl	1.05	1.17	1.01	1.09	1.12	1.07
	RRu	1.47	1.44	1.08	1.61	1.28	1.14
	P	+	+++	+	++	+++	+++
	Random RR	1.26	1.41	1.07	1.37	1.22	1.20
	RRl	1.04	1.18	1.00	1.06	1.11	1.13
	RRu	1.52	1.68	1.14	1.77	1.33	1.28
	P	+	+++	+	+	+++	+++
	Asymm P	N.S.	(*)	N.S.	N.S.	(*)	***
	Between Chi		0.19	3.64	0.24	0.13	29.00
	Between df		1	1	1	1	4
	Between P		N.S.	(-)	N.S.	N.S.	***

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

- 1) EXP Exposure = spouse (s), household (h), total (t)
- 2) TIM Time of exposure = current (c), ever (e), during marriage (m), in the past (p)
- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 58
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By publication year (grouped) - unadjusted

1984-88

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
*1	HIRAYA 3		f	s	e	f	2	0	376	69645	118	21895	1.00	(0.82- 1.23)
*2	GARLAN 2		f	s	c	f	8	0	2	97	2	203	2.09	(0.30- 14.64)
3	LEE 1		m	s	m	n	2	0	15	40	26	93	1.34	(0.64- 2.80)
3	LEE 3		f	s	m	n	2	0	55	229	22	89	0.97	(0.56- 1.69)
Subtotal 3													1.09	(0.70- 1.70)
4	MARTIN 1		f	s	e	n	2	6	-	-	-	-	2.60	(1.20- 5.70)
*5	SVENDS 1		m	s	c	b	2	0	21	286	48	959	1.47	(0.89- 2.41)
*6	BUTLER 3		f	s	c	f	8	0	4	2487	60	43053	1.15	(0.42- 3.17)
Partial Totals									473	72784	276	66292		
*prospective study														

1989-92

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
*8	HOLE 3		m	h	e	f	2	5	-	-	-	-	1.73	(1.01- 2.96)
*8	HOLE 2		f	h	e	f	2	5	-	-	-	-	1.65	(0.79- 3.46)
Subtotal 8													1.70	(1.10- 2.63)
9	JACKSO 3		m	h	c	b	2	0	-	-	-	-	1.10	(0.40- 3.00)
9	JACKSO 1		f	h	c	b	2	0	-	-	-	-	4.00	(1.35- 13.10)
Subtotal 9													1.94	(0.91- 4.13)
*10	SANDLE 1		m	h	c	f	2	0	122	1248	248	2914	1.15	(0.93- 1.41)
*10	SANDLE 3		f	h	c	f	2	0	551	9551	437	5322	0.70	(0.62- 0.79)
Subtotal 10													0.80	(0.72- 0.88)
*11	HUMBLE 1		f	s	c	f	8	4	-	-	-	-	1.59	(0.99- 2.57)
12	DOBSON 3		m	h	c	b	2	0	22	34	161	259	1.04	(0.59- 1.84)
12	DOBSON 1		f	h	c	b	2	0	43	99	117	433	1.61	(1.06- 2.43)
Subtotal 12													1.39	(0.99- 1.93)
13	LAVECC 5		m	s	c	n	8	0	7	17	55	140	1.05	(0.41- 2.67)
13	LAVECC 3		f	s	c	n	8	0	17	20	11	17	1.31	(0.48- 3.56)
Subtotal 13													1.16	(0.59- 2.30)
Partial Totals									762	10969	1029	9085		
*prospective study														

1993-96

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers				RR	95.00%CI
									Numbers exposed		Non-exposed			
									Case	Cont	Case	Cont		
14	LAYARD 1		m	s	e	f	2	0	97	215	378	783	0.93	(0.71- 1.22)
14	LAYARD 9		f	s	e	f	2	0	455	961	459	969	1.00	(0.85- 1.17)
Subtotal 14													0.98	(0.86- 1.13)
*15	LEVOIS 2		m	s	c	f	8	2	-	-	-	-	0.98	(0.91- 1.06)
*15	LEVOIS 7		f	s	c	f	8	2	-	-	-	-	1.04	(0.99- 1.09)
Subtotal 15													1.02	(0.98- 1.07)
17	MUSCAT 1		m	s	e	n	2	0	20	25	48	83	1.38	(0.70- 2.75)
17	MUSCAT 2		f	s	e	n	2	0	28	27	18	23	1.33	(0.59- 2.99)
Subtotal 17													1.36	(0.80- 2.30)
18	TUNSTA 1		c	t	c	n	2	0	329	1216	99	483	1.32	(1.03- 1.69)
*19	STEENL 1		m	s	c	f	8	12	-	-	-	-	1.22	(1.07- 1.40)
*19	STEENL 2		f	s	c	f	8	13	-	-	-	-	1.10	(0.96- 1.27)
Subtotal 19													1.16	(1.05- 1.28)
Partial Totals									929	2444	1002	2341		
*prospective study														

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- 3) TYP Disease type = both (b), fatal (f), non-fatal (n)
- 4) UNX Unexposed to ETS (as defined by EXP) (2), never exposed to sp ETS (8), unexposed to hh/work ETS (a)

Table 58
ETS and Heart Disease - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 15-MAR-05
 Excluding Enstrom
 By publication year (grouped) - unadjusted

1997-00

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
20	JANGHO 1		f	s	e	n	2	0	63	100	137	300	1.38	(0.95- 2.01)
*21	KAWACH 11		f	h	c	b	2	15	-	-	-	-	1.53	(0.81- 2.90)
22	CIRUZZ 5		m	s	c	n	2	0	15	22	141	206	1.00	(0.50- 1.99)
22	CIRUZZ 6		f	s	c	n	2	0	29	25	151	193	1.48	(0.83- 2.64)
Subtotal 22													1.26	(0.81- 1.96)
23	MCELDU 3		m	t	c	b	2	0	53	172	145	373	0.79	(0.55- 1.14)
23	MCELDU 1		f	t	c	b	2	0	31	147	54	479	1.87	(1.16- 3.02)
Subtotal 23													1.08	(0.81- 1.45)
25	HE 1		f	s	e	n	2	0	76	95	39	113	2.32	(1.44- 3.72)
Partial Totals									267	561	667	1664		
*prospective study														

2001-

StN	Ref	NRR	SEX	EXP	TIM	TYP	UNX	ADJ	Numbers		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
26	IRIBAR 4		m	h	c	n	2	11	-	-	-	-	1.13	(1.00- 1.27)
26	IRIBAR 19		f	h	c	n	2	11	-	-	-	-	1.20	(1.09- 1.30)
Subtotal 26													1.17	(1.09- 1.26)
27	ROSENL 3		m	s	c	n	8	0	27	51	141	285	1.07	(0.64- 1.78)
27	ROSENL 15		f	s	c	n	8	0	21	24	59	144	2.14	(1.10- 4.13)
Subtotal 27													1.38	(0.93- 2.07)
28	PITSAV 9		c	h	c	n	a	6	-	-	-	-	1.33	(0.89- 1.99)
30	CHEN 10		c	h	c	n	2	10	-	-	-	-	1.20	(0.70- 2.20)
31	NISHTA 3		c	s	e	n	1	1	-	-	-	-	2.38	(1.04- 5.42)
33	MCGHEE 5		m	h	p	f	2	0	74	71	285	347	1.27	(0.88- 1.82)
33	MCGHEE 6		f	h	p	f	2	0	113	150	112	195	1.31	(0.94- 1.84)
Subtotal 33													1.29	(1.01- 1.65)
Partial Totals									235	296	597	971		
*prospective study														

		1984-88	1989-92	1993-96	1997-00	2001-	Total
Relative risks							
	N	7	11	9	7	9	43
	NS	6	6	5	5	6	28
	Wt	136.77	439.28	3012.65	119.63	892.00	4600.32
	Het Chi	7.64	50.47	13.71	16.09	7.35	127.42
	Het df	6	10	8	6	8	42
	Het P	N.S.	***	(*)	*	N.S.	***
	Fixed RR	1.12	0.90	1.04	1.35	1.20	1.07
	RR1	0.95	0.82	1.01	1.13	1.12	1.04
	RRu	1.32	0.99	1.08	1.61	1.28	1.10
	P	N.S.	-	+	++	+++	+++
	Random RR	1.20	1.30	1.06	1.40	1.20	1.18
	RR1	0.95	0.96	1.00	1.03	1.12	1.10
	RRu	1.53	1.74	1.13	1.89	1.28	1.27
	P	N.S.	(+)	(+)	+	+++	+++
	Asymm P	N.S.	**	N.S.	N.S.	(*)	**
	Between Chi		4.71	0.60	2.20	0.57	32.15
	Between df		1	1	1	1	4
	Between P		-	N.S.	N.S.	N.S.	***

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- 1) EXP Exposure = spouse (s), household (h), total (t)
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