

Detailed meta-analysis on ETS and Stroke  
Authors: P.N. Lee, B.A. Forey, J.S. Hamling and A.J. Thornton  
04-OCT-11

The output provides full details of a variety of meta-analyses of ETS and Stroke.

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 most-adjusted analyses, adjusted RRs are used if available, otherwise RRs adjusted for age only are used (see below).

Where a study presents results for more than one stroke type, the results to include are selected according to the order of preference: 1) stroke or CVD, 2) ischaemic stroke, 3) haemorrhagic stroke, 4) other stroke type (except for Tables 14 and 15: see below for details).

In all tables, estimates for males and females separately are chosen if available, in preference to a combined estimate.

"Most-adjusted" analyses are based on estimates which are adjusted for age and the greatest number of covariates for which results are available. "Least-adjusted" analyses are based on estimates adjusted for age and the least number of other covariates for which results are available. If only one relevant estimate is available for a study, then it is used in both analyses. (All studies provided estimates adjusted at least for age.)

Tables 1-15 give information for Spouse ETS exposure current (or nearest equivalent)

1. Overall - most-adjusted
2. " - least-adjusted
3. By sex - most-adjusted
4. " - least-adjusted
5. By source of exposure (spouse, total, household) - most-adjusted  
(where total includes exposure in home/at work, and cotinine)
6. By continent - most-adjusted
7. By publication year (grouped) - most-adjusted
8. By number of stroke cases (grouped) - most-adjusted
9. By study type (case-control, prospective, cross-sectional) - most-adjusted
10. By total number of confounders considered in the study (grouped) - most-adjusted
11. By stroke type 1 (fatal, non-fatal, both) - most-adjusted
12. By stroke type 2 (stroke or CVD, ischaemic, haemorrhagic, other stroke) - most-adjusted  
(Where a study presents results for more than one stroke type, the results to include are selected according to the order of preference for stroke type described above, so results for ischaemic, haemorrhagic and other stroke are not selected for studies that also provide results for overall stroke or CVD.)
13. By study weaknesses - most-adjusted
14. Ischaemic stroke, overall, most adjusted - most-adjusted  
(All results for ischaemic stroke are eligible for inclusion.)
15. Haemorrhagic stroke, overall, most adjusted - most-adjusted  
(All results for haemorrhagic stroke are eligible for inclusion.)

Tables 16-21 correspond to Tables 1-6 for Spouse ETS exposure ever (or nearest equivalent), and similarly Tables 22-27 give information on Total ETS exposure (or nearest equivalent).

Some tables are then repeated but excluding studies of silent cerebral infarction or transient ischaemic attack, with Tables 28-29 for Spouse ETS exposure current (or nearest equivalent) (corresponding to Tables 1-2), Tables 30-31 for Spouse ETS exposure ever (or nearest equivalent) (corresponding to Tables 16-17) and Tables 32-33 for Total ETS exposure (or nearest equivalent) (corresponding to Tables 22-23).

For studies with results available by level of ETS dose:

Tables 34-37 give information for the highest available dose, and

Tables 38-41 for the lowest available dose;

with Tables 34-35 (high dose) and Tables 38-39 (low dose) for Spouse ETS exposure current (or nearest equivalent) corresponding to Tables 1-2.

Tables for spouse exposure ever are not presented as varying the preference on time of exposure made no difference to the RRs selected.

Tables 36-37 and Tables 40-41 for Total ETS exposure (or nearest equivalent) correspond to Tables 22-23.

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.

The tables show, for each estimate included in the analysis:

StN = Study reference number  
Ref = Study 6-letter reference on the database  
NRR = The number of the estimate within that study on the database (see 'multiple estimates' details above)  
SEX = Sex of the subjects included in the estimate: male (m), female (f), combined (c)  
EXP = Exposure type: spousal (s), from household members (h), during childhood (y), at work (w), while travelling (o), at both home and work (b), miscellaneous (m), cotinine (c), total exposure: any (t), spouse and/or work (2), home, work, travel and/or leisure (3) home and/or work (4), home, small spaces and/or large indoor areas (5) home, work and/or social (6), spouse, work and/or childhood (7)  
ADJ = The number of adjustment factors (excluding sex) in the estimate (20 indicates adjusted for an unknown number of factors)  
UNX = Definition of the unexposed group. Not listed in the tables but used in the order of preference.

For estimates of overall risk, the tables also show:

TIM = Timing of the exposure: ever/unspecified (e), current (c), during marriage (m), in the last 5 years (x), in the last 20 years (y), in the last 25 years (z), in the past (p), in adulthood (a), for more than 10 years (t)  
TYP = Type of stroke reported: fatal (f), non-fatal (n), both (b)  
TP2 = Type of stroke reported: cerebrovascular disease (v), stroke (s), subarachnoid haemorrhage (h), ischaemic stroke (i), cerebral ischaemia (c), silent cerebral infarction (n), aneurysmal subarachnoid haemorrhage (a), transient ischaemic attack (t), haemorrhagic stroke (9)

For estimates by dose group, the tables show:

MEAS = Measure of exposure: cigarettes/day (n), minutes/day (d), hours/week (h), pack-years (k), number of persons exposed to (p), years ago (x), years (y), times per week (z), pack-years x hours/day (8), years x persons (9), pack-years x persons (t), years x exposure types (u) hours/day x years (v), pack-years x persons x hours/day (w), serum cotinine (c), level number in a semi-quantitative measure (l)  
LOWEX = Lower limit of the exposure dose considered  
HIEXP = Upper limit of the exposure dose considered

The estimates are shown in blocks according to the "factor" relevant to that table, e.g. by sex for Table 3, by continent for Table 6. Note that these factors relate to the study as a whole, with the exception of sex, spouse the index, and stroke type, which relate to the individual estimates.

For tables 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 =  $1/(\text{variance } Y_s)$   
Q = the deviation of the study estimate from the mean =  $W_s(Y_s - \bar{Y})$  where  $\bar{Y}$  is the mean of the  $Y_s$  values (this is an approximate chisquared on 1 degree of freedom)  
P = the two-tailed probability value.

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

N = number of estimates combined  
NS = number of studies from which estimates taken  
Wt = the sum of the individual estimate weights  
Het Chi = heterogeneity chisquared (between estimates)  
Het df = heterogeneity degrees of freedom  
Het P = heterogeneity probability value, expressed as \*\*\*  $p < 0.01$ ; \*\*  $p < 0.01$ ; \*  $p < 0.05$ ; (\*)  $p < 0.1$ ; NS  $p \geq 0.1$   
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: +++ or --- =  $p < 0.001$ ; ++ or -- =  $p < 0.01$ ; + or - =  $p < 0.05$ ; (+) or (-) =  $p < 0.1$ ; NS =  $p \geq 0.1$ ; 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 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 value for heterogeneity; for results 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](http://www.pnlee.co.uk) as download LEE2011L.pdf. The results are also summarized in download LEE2011K.pdf (which includes references to the individual studies).

This work was supported by the tobacco industry. The accuracy of the material presented is the responsibility of the authors alone.

Table 1  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 Overall - most-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33	( 0.04- 2.84)
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88	( 0.22- 16.02)
Subtotal 1													0.78	( 0.17- 3.55)
2	LEE	2	m	s	m	n	s	2	-	-	-	-	0.84	( 0.29- 2.45)
2	LEE	4	f	s	m	n	s	2	-	-	-	-	0.92	( 0.50- 1.68)
Subtotal 2													0.90	( 0.53- 1.52)
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60	( 0.60- 3.90)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97	( 0.65- 1.46)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24	( 1.03- 1.49)
Subtotal 5													1.19	( 1.00- 1.41)
6	HOWARD	2	c	t	c	n	n	10	-	-	-	-	1.06	( 0.64- 1.75)
7	BONITA	4	m	4	t	b	s	4	-	-	-	-	2.10	( 1.33- 3.32)
7	BONITA	5	f	4	t	b	s	4	-	-	-	-	1.66	( 1.07- 2.57)
Subtotal 7													1.86	( 1.35- 2.55)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70	( 0.98- 2.92)
9	IRIBA1	1	m	h	c	n	s	11	-	-	-	-	0.25	( 0.04- 0.82)
9	IRIBA1	9	f	h	c	n	s	11	-	-	-	-	1.23	( 0.75- 1.96)
Subtotal 9													1.06	( 0.67- 1.68)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13	( 0.19- 6.85)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94	( 0.57- 1.55)
Subtotal 10													0.95	( 0.59- 1.54)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50	( 0.20- 1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30	( 0.70- 2.30)
Subtotal 11													0.99	( 0.60- 1.63)
*12	IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02	( 0.71- 1.48)
*12	IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17	( 0.92- 1.50)
Subtotal 12													1.12	( 0.92- 1.37)
*13	WHINCU	8	m	c	c	b	s	16	-	-	-	-	1.54	( 0.68- 3.47)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31	( 0.87- 1.99)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57	( 1.11- 2.24)
Subtotal 14													1.46	( 1.11- 1.90)
*15	QURESH	2	f	s	e	b	s	7	-	-	-	-	0.90	( 0.60- 1.30)
*16	ZHANG	22	f	s	c	n	s	14	-	-	-	-	1.44	( 1.20- 1.72)
*17	WEN	2	f	s	c	f	s	9	-	-	-	-	1.52	( 1.08- 2.15)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59	( 1.14- 2.21)
*18	HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90	( 0.67- 1.21)
Subtotal 18													1.16	( 0.93- 1.44)
*19	HILL2	1	m	h	c	f	v	9	-	-	-	-	1.82	( 1.20- 2.77)
*19	HILL2	2	f	h	c	f	v	9	-	-	-	-	1.17	( 0.76- 1.82)
Subtotal 19													1.47	( 1.09- 1.99)
*20	GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63	( 0.83- 2.70)
*20	GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46	( 1.00- 2.18)
Subtotal 20													1.51	( 1.09- 2.09)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65	( 1.17- 2.32)
*22	GALLO	2	m	h	c	f	v	5	-	-	-	-	1.10	( 0.36- 3.37)
*22	GALLO	3	f	h	c	f	v	5	-	-	-	-	0.93	( 0.49- 1.74)
Subtotal 22													0.97	( 0.56- 1.68)
*23	JEFFER	9	c	s	c	b	s	16	-	-	-	-	0.69	( 0.16- 2.94)
Partial Totals									0	0	0	0		
*prospective study														

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 1  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 Overall - most-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Ys	Ws	Qs	Ps
*1	GILLIS	1	m	h	x	f	v	1	-1.11	0.85	1.56	0.3080
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.12	0.5639
Subtotal 1									-0.24	1.68	1.68	
2	LEE	2	m	s	m	n	s	2	-0.17	3.37	0.61	0.7488
2	LEE	4	f	s	m	n	s	2	-0.08	10.46	1.16	0.7874
Subtotal 2									-0.11	13.84	1.76	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.21	0.3250
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.84	0.8827
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.13	0.0224
Subtotal 5									0.17	136.18	1.97	
6	HOWARD	2	c	t	c	n	n	10	0.06	15.19	0.55	0.8204
7	BONITA	4	m	4	t	b	s	4	0.74	18.36	4.46	0.0015
7	BONITA	5	f	4	t	b	s	4	0.51	20.01	1.33	0.0234
Subtotal 7									0.62	38.37	5.78	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	1.02	0.0568
9	IRIBA1	1	m	h	c	n	s	11	-1.39	1.68	4.51	0.0720
9	IRIBA1	9	f	h	c	n	s	11	0.21	16.65	0.03	0.3983
Subtotal 9									0.06	18.34	4.54	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.02	0.8937
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.49	0.8084
Subtotal 10									-0.05	16.55	1.51	
11	ANDERS	7	m	h	e	b	h	8	-0.69	4.39	3.89	0.1466
11	ANDERS	6	f	h	e	b	h	8	0.26	10.86	0.00	0.3873
Subtotal 11									-0.01	15.24	3.90	
*12	IRIBA2	27	m	h	c	b	i	10	0.02	28.48	1.50	0.9158
*12	IRIBA2	39	f	h	c	b	i	10	0.16	64.30	0.55	0.2080
Subtotal 12									0.11	92.78	2.05	
*13	WHINCU	8	m	c	c	b	s	16	0.43	5.78	0.19	0.2990
14	MCGHEE	1	m	h	p	f	s	2	0.27	22.45	0.01	0.2008
14	MCGHEE	2	f	h	p	f	s	2	0.45	31.17	1.27	0.0118
Subtotal 14									0.38	53.62	1.28	
*15	QURESH	2	f	s	e	b	s	7	-0.11	25.70	3.23	0.5932
*16	ZHANG	22	f	s	c	n	s	14	0.36	118.56	1.58	0.0001
*17	WEN	2	f	s	c	f	s	9	0.42	32.41	0.93	0.0171
*18	HILL1	1	m	h	c	f	v	2	0.46	35.07	1.61	0.0060
*18	HILL1	2	f	h	c	f	v	9	-0.11	43.98	5.53	0.4847
Subtotal 18									0.15	79.04	7.14	
*19	HILL2	1	m	h	c	f	v	9	0.60	21.96	2.68	0.0050
*19	HILL2	2	f	h	c	f	v	9	0.16	20.15	0.17	0.4810
Subtotal 19									0.39	42.11	2.85	
*20	GLYMOU	2	m	s	c	b	s	14	0.49	11.04	0.63	0.1045
*20	GLYMOU	5	f	s	c	b	s	14	0.38	25.30	0.42	0.0570
Subtotal 20									0.41	36.34	1.05	
21	HE	16	f	4	t	n	s	12	0.50	32.79	2.07	0.0041
*22	GALLO	2	m	h	c	f	v	5	0.10	3.07	0.07	0.8673
*22	GALLO	3	f	h	c	f	v	5	-0.07	9.57	0.99	0.8224
Subtotal 22									-0.03	12.64	1.06	
*23	JEFFER	9	c	s	c	b	s	16	-0.37	1.81	0.70	0.6173

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 1  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 Overall - most-adjusted

Relative risks

	N	35
	NS	22
	Wt	806.26
Het	Chi	47.07
Het	df	34
Het	P	(*)
Fixed	RR	1.28
	RRl	1.20
	RRu	1.37
	P	+++
Random	RR	1.27
	RRl	1.16
	RRu	1.39
	P	+++
Asymm	P	N.S.

---

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

- |                                       |   |
|---------------------------------------|---|
| 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c | 4) TP2 : v, s, i, n, 9, h, a, c, t            |
| 2) TIM : c, x, t, m, y, z, a, e, p    | 5) UNX : no exposure to ETS, other definition |
| 3) TYP : b, f, n                      |   |

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

Table 2  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11**  
 Overall - least-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33	( 0.04-	2.84)
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88	( 0.22-	16.02)
Subtotal 1													0.78	( 0.17-	3.55)
2	LEE	2	m	s	m	n	s	2	-	-	-	-	0.84	( 0.29-	2.45)
2	LEE	4	f	s	m	n	s	2	-	-	-	-	0.92	( 0.50-	1.68)
Subtotal 2													0.90	( 0.53-	1.52)
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60	( 0.60-	3.90)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97	( 0.65-	1.46)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24	( 1.03-	1.49)
Subtotal 5													1.19	( 1.00-	1.41)
6	HOWARD	1	c	t	c	n	n	2	-	-	-	-	1.03	( 0.63-	1.67)
7	BONITA	1	m	4	t	b	s	1	-	-	-	-	2.06	( 1.34-	3.17)
7	BONITA	2	f	4	t	b	s	1	-	-	-	-	1.50	( 1.01-	2.21)
Subtotal 7													1.73	( 1.30-	2.31)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70	( 0.98-	2.92)
9	IRIBA1	1	m	h	c	n	s	11	-	-	-	-	0.25	( 0.04-	0.82)
9	IRIBA1	9	f	h	c	n	s	11	-	-	-	-	1.23	( 0.75-	1.96)
Subtotal 9													1.06	( 0.67-	1.68)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13	( 0.19-	6.85)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94	( 0.57-	1.55)
Subtotal 10													0.95	( 0.59-	1.54)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50	( 0.20-	1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30	( 0.70-	2.30)
Subtotal 11													0.99	( 0.60-	1.63)
*12	IRIBA2	3	m	h	c	b	i	1	-	-	-	-	1.12	( 0.78-	1.60)
*12	IRIBA2	15	f	h	c	b	i	1	-	-	-	-	1.23	( 0.97-	1.57)
Subtotal 12													1.19	( 0.98-	1.46)
*13	WHINCU	4	m	c	c	b	s	2	-	-	-	-	0.96	( 0.49-	1.89)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31	( 0.87-	1.99)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57	( 1.11-	2.24)
Subtotal 14													1.46	( 1.11-	1.90)
*15	QURESH	1	f	s	e	b	s	1	-	-	-	-	0.90	( 0.60-	1.40)
*16	ZHANG	33	f	s	c	n	s	1	-	-	-	-	1.46	( 1.23-	1.72)
*17	WEN	2	f	s	c	f	s	9	-	-	-	-	1.52	( 1.08-	2.15)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59	( 1.14-	2.21)
*18	HILL1	3	f	h	c	f	v	2	-	-	-	-	0.88	( 0.66-	1.17)
Subtotal 18													1.13	( 0.91-	1.41)
*19	HILL2	3	m	h	c	f	v	2	-	-	-	-	1.91	( 1.23-	2.96)
*19	HILL2	4	f	h	c	f	v	2	-	-	-	-	1.16	( 0.75-	1.79)
Subtotal 19													1.48	( 1.09-	2.02)
*20	GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63	( 0.83-	2.70)
*20	GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46	( 1.00-	2.18)
Subtotal 20													1.51	( 1.09-	2.09)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65	( 1.17-	2.32)
*22	GALLO	1	c	h	c	f	v	2	-	-	-	-	1.04	( 0.60-	1.80)
*23	JEFFER	9	c	s	c	b	s	16	-	-	-	-	0.69	( 0.16-	2.94)
Partial Totals									0	0	0	0			
*prospective study															

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 2  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 Overall - least-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Ys	Ws	Qs	Ps
*1	GILLIS	1	m	h	x	f	v	1	-1.11	0.85	1.57	0.3080
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.12	0.5639
Subtotal 1									-0.24	1.68	1.69	
2	LEE	2	m	s	m	n	s	2	-0.17	3.37	0.62	0.7488
2	LEE	4	f	s	m	n	s	2	-0.08	10.46	1.20	0.7874
Subtotal 2									-0.11	13.84	1.83	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.20	0.3250
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.92	0.8827
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.19	0.0224
Subtotal 5									0.17	136.18	2.11	
6	HOWARD	1	c	t	c	n	n	2	0.03	16.17	0.83	0.9054
7	BONITA	1	m	4	t	b	s	1	0.72	20.72	4.52	0.0010
7	BONITA	2	f	4	t	b	s	1	0.41	25.06	0.56	0.0424
Subtotal 7									0.55	45.78	5.08	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	0.97	0.0568
9	IRIBAL	1	m	h	c	n	s	11	-1.39	1.68	4.54	0.0720
9	IRIBAL	9	f	h	c	n	s	11	0.21	16.65	0.04	0.3983
Subtotal 9									0.06	18.34	4.58	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.02	0.8937
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.55	0.8084
Subtotal 10									-0.05	16.55	1.57	
11	ANDERS	7	m	h	e	b	h	8	-0.69	4.39	3.95	0.1466
11	ANDERS	6	f	h	e	b	h	8	0.26	10.86	0.00	0.3873
Subtotal 11									-0.01	15.24	3.95	
*12	IRIBA2	3	m	h	c	b	i	1	0.11	29.77	0.60	0.5364
*12	IRIBA2	15	f	h	c	b	i	1	0.21	66.27	0.16	0.0920
Subtotal 12									0.18	96.04	0.76	
*13	WHINCU	4	m	c	c	b	s	2	-0.04	8.43	0.74	0.9056
14	MCGHEE	1	m	h	p	f	s	2	0.27	22.45	0.00	0.2008
14	MCGHEE	2	f	h	p	f	s	2	0.45	31.17	1.19	0.0118
Subtotal 14									0.38	53.62	1.19	
*15	QURESH	1	f	s	e	b	s	1	-0.11	21.40	2.79	0.6259
*16	ZHANG	33	f	s	c	n	s	1	0.38	136.67	2.06	0.0000
*17	WEN	2	f	s	c	f	s	9	0.42	32.41	0.86	0.0171
*18	HILL1	1	m	h	c	f	v	2	0.46	35.07	1.52	0.0060
*18	HILL1	3	f	h	c	f	v	2	-0.13	46.88	6.89	0.3814
Subtotal 18									0.13	81.94	8.41	
*19	HILL2	3	m	h	c	f	v	2	0.65	19.92	3.05	0.0039
*19	HILL2	4	f	h	c	f	v	2	0.15	20.31	0.23	0.5036
Subtotal 19									0.40	40.23	3.29	
*20	GLYMOU	2	m	s	c	b	s	14	0.49	11.04	0.60	0.1045
*20	GLYMOU	5	f	s	c	b	s	14	0.38	25.30	0.38	0.0570
Subtotal 20									0.41	36.34	0.98	
21	HE	16	f	4	t	n	s	12	0.50	32.79	1.97	0.0041
*22	GALLO	1	c	h	c	f	v	2	0.04	12.73	0.60	0.8887
*23	JEFFER	9	c	s	c	b	s	16	-0.37	1.81	0.71	0.6173

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 2  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 Overall - least-adjusted

Relative risks

	N	34
	NS	22
	Wt	835.48
Het	Chi	47.17
Het	df	33
Het	P	(*)
Fixed	RR	1.29
	RRl	1.21
	RRu	1.38
	P	+++
Random	RR	1.27
	RRl	1.16
	RRu	1.39
	P	+++
Asymm	P	(*)

---

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

- |                                       |   |
|---------------------------------------|---|
| 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c | 4) TP2 : v, s, i, n, 9, h, a, c, t            |
| 2) TIM : c, x, t, m, y, z, a, e, p    | 5) UNX : no exposure to ETS, other definition |
| 3) TYP : b, f, n                      |   |

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



Table 3  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 By sex - most-adjusted

combined

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60	( 0.60- 3.90)
6	HOWARD	2	c	t	c	n	n	10	-	-	-	-	1.06	( 0.64- 1.75)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70	( 0.98- 2.92)
*23	JEFFER	9	c	s	c	b	s	16	-	-	-	-	0.69	( 0.16- 2.94)
Partial Totals									0	0	0	0		

\*prospective study

male

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33	( 0.04- 2.84)
2	LEE	2	m	s	m	n	s	2	-	-	-	-	0.84	( 0.29- 2.45)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97	( 0.65- 1.46)
7	BONITA	4	m	4	t	b	s	4	-	-	-	-	2.10	( 1.33- 3.32)
9	IRIBA1	1	m	h	c	n	s	11	-	-	-	-	0.25	( 0.04- 0.82)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13	( 0.19- 6.85)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50	( 0.20- 1.30)
*12	IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02	( 0.71- 1.48)
*13	WHINC	8	m	c	c	b	s	16	-	-	-	-	1.54	( 0.68- 3.47)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31	( 0.87- 1.99)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59	( 1.14- 2.21)
*19	HILL2	1	m	h	c	f	v	9	-	-	-	-	1.82	( 1.20- 2.77)
*20	GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63	( 0.83- 2.70)
*22	GALLO	2	m	h	c	f	v	5	-	-	-	-	1.10	( 0.36- 3.37)
Partial Totals									0	0	0	0		

\*prospective study

female

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88	( 0.22- 16.02)
2	LEE	4	f	s	m	n	s	2	-	-	-	-	0.92	( 0.50- 1.68)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24	( 1.03- 1.49)
7	BONITA	5	f	4	t	b	s	4	-	-	-	-	1.66	( 1.07- 2.57)
9	IRIBA1	9	f	h	c	n	s	11	-	-	-	-	1.23	( 0.75- 1.96)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94	( 0.57- 1.55)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30	( 0.70- 2.30)
*12	IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17	( 0.92- 1.50)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57	( 1.11- 2.24)
*15	QURESH	2	f	s	e	b	s	7	-	-	-	-	0.90	( 0.60- 1.30)
*16	ZHANG	22	f	s	c	n	s	14	-	-	-	-	1.44	( 1.20- 1.72)
*17	WEN	2	f	s	c	f	s	9	-	-	-	-	1.52	( 1.08- 2.15)
*18	HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90	( 0.67- 1.21)
*19	HILL2	2	f	h	c	f	v	9	-	-	-	-	1.17	( 0.76- 1.82)
*20	GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46	( 1.00- 2.18)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65	( 1.17- 2.32)
*22	GALLO	3	f	h	c	f	v	5	-	-	-	-	0.93	( 0.49- 1.74)
Partial Totals									0	0	0	0		

\*prospective study

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 3  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 By sex - most-adjusted

	combined	male	female	Total
Relative risks				
N	4	14	17	35
NS	4	14	17	35
Wt	34.28	181.16	590.82	806.26
Het Chi	2.48	23.43	20.95	47.07
Het df	3	13	16	34
Het P	N.S.	*	N.S.	(*)
Fixed RR	1.30	1.32	1.27	1.28
RRl	0.93	1.14	1.17	1.20
RRu	1.82	1.53	1.38	1.37
P	N.S.	+++	+++	+++
Random RR	1.30	1.26	1.26	1.27
RRl	0.93	1.01	1.14	1.16
RRu	1.82	1.57	1.39	1.39
P	N.S.	+	+++	+++
Asymm P	N.S.	(*)	N.S.	N.S.
Between Chi		0.00	0.02	0.22
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 4  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 By sex - least-adjusted

combined

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60	( 0.60- 3.90)
6	HOWARD	1	c	t	c	n	n	2	-	-	-	-	1.03	( 0.63- 1.67)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70	( 0.98- 2.92)
*22	GALLO	1	c	h	c	f	v	2	-	-	-	-	1.04	( 0.60- 1.80)
*23	JEFFER	9	c	s	c	b	s	16	-	-	-	-	0.69	( 0.16- 2.94)
Partial Totals									0	0	0	0		

\*prospective study

male

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33	( 0.04- 2.84)
2	LEE	2	m	s	m	n	s	2	-	-	-	-	0.84	( 0.29- 2.45)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97	( 0.65- 1.46)
7	BONITA	1	m	4	t	b	s	1	-	-	-	-	2.06	( 1.34- 3.17)
9	IRIBA1	1	m	h	c	n	s	11	-	-	-	-	0.25	( 0.04- 0.82)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13	( 0.19- 6.85)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50	( 0.20- 1.30)
*12	IRIBA2	3	m	h	c	b	i	1	-	-	-	-	1.12	( 0.78- 1.60)
*13	WHINCU	4	m	c	c	b	s	2	-	-	-	-	0.96	( 0.49- 1.89)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31	( 0.87- 1.99)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59	( 1.14- 2.21)
*19	HILL2	3	m	h	c	f	v	2	-	-	-	-	1.91	( 1.23- 2.96)
*20	GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63	( 0.83- 2.70)
Partial Totals									0	0	0	0		

\*prospective study

female

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88	( 0.22- 16.02)
2	LEE	4	f	s	m	n	s	2	-	-	-	-	0.92	( 0.50- 1.68)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24	( 1.03- 1.49)
7	BONITA	2	f	4	t	b	s	1	-	-	-	-	1.50	( 1.01- 2.21)
9	IRIBA1	9	f	h	c	n	s	11	-	-	-	-	1.23	( 0.75- 1.96)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94	( 0.57- 1.55)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30	( 0.70- 2.30)
*12	IRIBA2	15	f	h	c	b	i	1	-	-	-	-	1.23	( 0.97- 1.57)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57	( 1.11- 2.24)
*15	QURESH	1	f	s	e	b	s	1	-	-	-	-	0.90	( 0.60- 1.40)
*16	ZHANG	33	f	s	c	n	s	1	-	-	-	-	1.46	( 1.23- 1.72)
*17	WEN	2	f	s	c	f	s	9	-	-	-	-	1.52	( 1.08- 2.15)
*18	HILL1	3	f	h	c	f	v	2	-	-	-	-	0.88	( 0.66- 1.17)
*19	HILL2	4	f	h	c	f	v	2	-	-	-	-	1.16	( 0.75- 1.79)
*20	GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46	( 1.00- 2.18)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65	( 1.17- 2.32)
Partial Totals									0	0	0	0		

\*prospective study

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 4  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 By sex - least-adjusted

	combined	male	female	Total
Relative risks				
N	5	13	16	34
NS	5	13	16	34
Wt	47.99	182.35	605.13	835.48
Het Chi	3.12	23.56	20.19	47.17
Het df	4	12	15	33
Het P	N.S.	*	N.S.	(*)
Fixed RR	1.21	1.32	1.29	1.29
RRl	0.91	1.14	1.19	1.21
RRu	1.61	1.53	1.40	1.38
P	N.S.	+++	+++	+++
Random RR	1.21	1.24	1.27	1.27
RRl	0.91	0.99	1.15	1.16
RRu	1.61	1.56	1.41	1.39
P	N.S.	(+)	+++	+++
Asymm P	N.S.	*	N.S.	(*)
Between Chi		0.30	0.17	0.31
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c      4) TP2 : v, s, i, n, 9, h, a, c, t
- 2) TIM : c, x, t, m, y, z, a, e, p      5) UNX : no exposure to ETS, other definition
- 3) TYP : b, f, n

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

Table 5  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11**  
 By source of exposure - most-adjusted

spouse

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2 LEE	2	m	s	m	n	s	2	-	-	-	-	0.84	( 0.29- 2.45)
2 LEE	4	f	s	m	n	s	2	-	-	-	-	0.92	( 0.50- 1.68)
Subtotal 2													
4 DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60	( 0.60- 3.90)
8 YOU	8	c	s	e	n	i	5	-	-	-	-	1.70	( 0.98- 2.92)
*15 QURESH	2	f	s	e	b	s	7	-	-	-	-	0.90	( 0.60- 1.30)
*16 ZHANG	22	f	s	c	n	s	14	-	-	-	-	1.44	( 1.20- 1.72)
*17 WEN	2	f	s	c	f	s	9	-	-	-	-	1.52	( 1.08- 2.15)
*20 GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63	( 0.83- 2.70)
*20 GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46	( 1.00- 2.18)
Subtotal 20													
*23 JEFFER	9	c	s	c	b	s	16	-	-	-	-	0.69	( 0.16- 2.94)
Partial Totals								0	0	0	0		
*prospective study													

total

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
6 HOWARD	2	c	t	c	n	n	10	-	-	-	-	1.06	( 0.64- 1.75)
7 BONITA	4	m	4	t	b	s	4	-	-	-	-	2.10	( 1.33- 3.32)
7 BONITA	5	f	4	t	b	s	4	-	-	-	-	1.66	( 1.07- 2.57)
Subtotal 7													
*10 YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13	( 0.19- 6.85)
*10 YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94	( 0.57- 1.55)
Subtotal 10													
*13 WHINCU	8	m	c	c	b	s	16	-	-	-	-	1.54	( 0.68- 3.47)
21 HE	16	f	4	t	n	s	12	-	-	-	-	1.65	( 1.17- 2.32)
Partial Totals								0	0	0	0		
*prospective study													

household

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1 GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33	( 0.04- 2.84)
*1 GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88	( 0.22- 16.02)
Subtotal 1													
*5 SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97	( 0.65- 1.46)
*5 SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24	( 1.03- 1.49)
Subtotal 5													
9 IRIBAL	1	m	h	c	n	s	11	-	-	-	-	0.25	( 0.04- 0.82)
9 IRIBAL	9	f	h	c	n	s	11	-	-	-	-	1.23	( 0.75- 1.96)
Subtotal 9													
11 ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50	( 0.20- 1.30)
11 ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30	( 0.70- 2.30)
Subtotal 11													
*12 IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02	( 0.71- 1.48)
*12 IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17	( 0.92- 1.50)
Subtotal 12													
14 MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31	( 0.87- 1.99)
14 MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57	( 1.11- 2.24)
Subtotal 14													
*18 HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59	( 1.14- 2.21)
*18 HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90	( 0.67- 1.21)
Subtotal 18													
*19 HILL2	1	m	h	c	f	v	9	-	-	-	-	1.82	( 1.20- 2.77)
*19 HILL2	2	f	h	c	f	v	9	-	-	-	-	1.17	( 0.76- 1.82)
Subtotal 19													
*22 GALLO	2	m	h	c	f	v	5	-	-	-	-	1.10	( 0.36- 3.37)
*22 GALLO	3	f	h	c	f	v	5	-	-	-	-	0.93	( 0.49- 1.74)
Subtotal 22													
Partial Totals								0	0	0	0		
*prospective study													

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 5  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 By source of exposure - most-adjusted

	spouse	total	household	Total
Relative risks				
N	10	7	18	35
NS	8	5	9	22
Wt	245.95	108.68	451.63	806.26
Het Chi	9.63	7.85	24.45	47.07
Het df	9	6	17	34
Het P	N.S.	N.S.	N.S.	(*)
Fixed RR	1.36	1.48	1.20	1.28
RRl	1.20	1.23	1.09	1.20
RRu	1.54	1.79	1.32	1.37
P	+++	+++	+++	+++
Random RR	1.35	1.46	1.19	1.27
RRl	1.18	1.17	1.05	1.16
RRu	1.55	1.83	1.35	1.39
P	+++	+++	++	+++
Asymm P	N.S.	N.S.	N.S.	N.S.
Between Chi		0.55	2.53	5.14
Between df		1	1	2
Between P		N.S.	N.S.	(*)

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 6  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11**  
 By continent - most-adjusted

NAmerica

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*5	SANDLE 2	m	h	e	f	v	4	-	-	-	-	0.97	( 0.65- 1.46)
*5	SANDLE 4	f	h	e	f	v	4	-	-	-	-	1.24	( 1.03- 1.49)
Subtotal 5												1.19	( 1.00- 1.41)
6	HOWARD 2	c	t	c	n	n	10	-	-	-	-	1.06	( 0.64- 1.75)
9	IRIBA1 1	m	h	c	n	s	11	-	-	-	-	0.25	( 0.04- 0.82)
9	IRIBA1 9	f	h	c	n	s	11	-	-	-	-	1.23	( 0.75- 1.96)
Subtotal 9												1.06	( 0.67- 1.68)
*12	IRIBA2 27	m	h	c	b	i	10	-	-	-	-	1.02	( 0.71- 1.48)
*12	IRIBA2 39	f	h	c	b	i	10	-	-	-	-	1.17	( 0.92- 1.50)
Subtotal 12												1.12	( 0.92- 1.37)
*15	QURESH 2	f	s	e	b	s	7	-	-	-	-	0.90	( 0.60- 1.30)
*20	GLYMOU 2	m	s	c	b	s	14	-	-	-	-	1.63	( 0.83- 2.70)
*20	GLYMOU 5	f	s	c	b	s	14	-	-	-	-	1.46	( 1.00- 2.18)
Subtotal 20												1.51	( 1.09- 2.09)
Partial Totals								0	0	0	0		

\*prospective study

Europe

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GILLIS 1	m	h	x	f	v	1	-	-	-	-	0.33	( 0.04- 2.84)
*1	GILLIS 2	f	h	x	f	v	1	-	-	-	-	1.88	( 0.22- 16.02)
Subtotal 1												0.78	( 0.17- 3.55)
2	LEE 2	m	s	m	n	s	2	-	-	-	-	0.84	( 0.29- 2.45)
2	LEE 4	f	s	m	n	s	2	-	-	-	-	0.92	( 0.50- 1.68)
Subtotal 2												0.90	( 0.53- 1.52)
*13	WHINCU 8	m	c	c	b	s	16	-	-	-	-	1.54	( 0.68- 3.47)
*22	GALLO 2	m	h	c	f	v	5	-	-	-	-	1.10	( 0.36- 3.37)
*22	GALLO 3	f	h	c	f	v	5	-	-	-	-	0.93	( 0.49- 1.74)
Subtotal 22												0.97	( 0.56- 1.68)
*23	JEFFER 9	c	s	c	b	s	16	-	-	-	-	0.69	( 0.16- 2.94)
Partial Totals								0	0	0	0		

\*prospective study

Asia

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*10	YAMADA 2	m	t	e	f	h	1	-	-	-	-	1.13	( 0.19- 6.85)
*10	YAMADA 1	f	t	e	f	h	1	-	-	-	-	0.94	( 0.57- 1.55)
Subtotal 10												0.95	( 0.59- 1.54)
14	MCGHEE 1	m	h	p	f	s	2	-	-	-	-	1.31	( 0.87- 1.99)
14	MCGHEE 2	f	h	p	f	s	2	-	-	-	-	1.57	( 1.11- 2.24)
Subtotal 14												1.46	( 1.11- 1.90)
*16	ZHANG 22	f	s	c	n	s	14	-	-	-	-	1.44	( 1.20- 1.72)
*17	WEN 2	f	s	c	f	s	9	-	-	-	-	1.52	( 1.08- 2.15)
21	HE 16	f	4	t	n	s	12	-	-	-	-	1.65	( 1.17- 2.32)
Partial Totals								0	0	0	0		

\*prospective study

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c                      4) TP2 : v, s, i, n, 9, h, a, c, t
- 2) TIM : c, x, t, m, y, z, a, e, p                        5) UNX : no exposure to ETS, other definition
- 3) TYP : b, f, n

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

Table 6  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 By continent - most-adjusted

Other

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60	( 0.60- 3.90)
7	BONITA	4	m	4	t	b	s	4	-	-	-	-	2.10	( 1.33- 3.32)
7	BONITA	5	f	4	t	b	s	4	-	-	-	-	1.66	( 1.07- 2.57)
Subtotal 7													1.86	( 1.35- 2.55)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70	( 0.98- 2.92)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50	( 0.20- 1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30	( 0.70- 2.30)
Subtotal 11													0.99	( 0.60- 1.63)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59	( 1.14- 2.21)
*18	HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90	( 0.67- 1.21)
Subtotal 18													1.16	( 0.93- 1.44)
*19	HILL2	1	m	h	c	f	v	9	-	-	-	-	1.82	( 1.20- 2.77)
*19	HILL2	2	f	h	c	f	v	9	-	-	-	-	1.17	( 0.76- 1.82)
Subtotal 19													1.47	( 1.09- 1.99)
Partial Totals									0	0	0	0		
*prospective study														

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	10	8	7	10	35
	NS	6	5	5	6	22
	Wt	324.53	35.76	253.93	192.05	806.26
	Het Chi	10.15	2.95	4.00	20.09	47.07
	Het df	9	7	6	9	34
	Het P	N.S.	N.S.	N.S.	*	(*)
Fixed	RR	1.16	0.99	1.44	1.37	1.28
	RR1	1.04	0.71	1.27	1.19	1.20
	RRu	1.29	1.37	1.63	1.58	1.37
	P	++	N.S.	+++	+++	+++
Random	RR	1.15	0.99	1.44	1.40	1.27
	RR1	1.02	0.71	1.27	1.12	1.16
	RRu	1.30	1.37	1.63	1.75	1.39
	P	+	N.S.	+++	++	+++
Asymm	P	N.S.	N.S.	N.S.	N.S.	N.S.
Between	Chi		0.84	6.59	3.30	9.88
Between	df		1	1	1	3
Between	P		N.S.	+	(+)	*

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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



Table 7  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11**  
 By publication year (grouped) - most-adjusted

1984-89

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
								Case	Cont	Case	Cont			
*1 GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33	( 0.04- 2.84)	
*1 GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88	( 0.22- 16.02)	
Subtotal 1												0.78	( 0.17- 3.55)	
2 LEE	2	m	s	m	n	s	2	-	-	-	-	0.84	( 0.29- 2.45)	
2 LEE	4	f	s	m	n	s	2	-	-	-	-	0.92	( 0.50- 1.68)	
Subtotal 2												0.90	( 0.53- 1.52)	
4 DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60	( 0.60- 3.90)	
*5 SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97	( 0.65- 1.46)	
*5 SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24	( 1.03- 1.49)	
Subtotal 5												1.19	( 1.00- 1.41)	
Partial Totals								0	0	0	0			

\*prospective study

1990-99

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
								Case	Cont	Case	Cont			
6 HOWARD	2	c	t	c	n	n	10	-	-	-	-	1.06	( 0.64- 1.75)	
7 BONITA	4	m	4	t	b	s	4	-	-	-	-	2.10	( 1.33- 3.32)	
7 BONITA	5	f	4	t	b	s	4	-	-	-	-	1.66	( 1.07- 2.57)	
Subtotal 7												1.86	( 1.35- 2.55)	
8 YOU	8	c	s	e	n	i	5	-	-	-	-	1.70	( 0.98- 2.92)	
Partial Totals								0	0	0	0			

\*prospective study

2000-04

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
								Case	Cont	Case	Cont			
9 IRIBA1	1	m	h	c	n	s	11	-	-	-	-	0.25	( 0.04- 0.82)	
9 IRIBA1	9	f	h	c	n	s	11	-	-	-	-	1.23	( 0.75- 1.96)	
Subtotal 9												1.06	( 0.67- 1.68)	
*10 YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13	( 0.19- 6.85)	
*10 YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94	( 0.57- 1.55)	
Subtotal 10												0.95	( 0.59- 1.54)	
11 ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50	( 0.20- 1.30)	
11 ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30	( 0.70- 2.30)	
Subtotal 11												0.99	( 0.60- 1.63)	
*12 IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02	( 0.71- 1.48)	
*12 IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17	( 0.92- 1.50)	
Subtotal 12												1.12	( 0.92- 1.37)	
*13 WHINCU	8	m	c	c	b	s	16	-	-	-	-	1.54	( 0.68- 3.47)	
Partial Totals								0	0	0	0			

\*prospective study

2005-09

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
								Case	Cont	Case	Cont			
14 MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31	( 0.87- 1.99)	
14 MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57	( 1.11- 2.24)	
Subtotal 14												1.46	( 1.11- 1.90)	
*15 QURESH	2	f	s	e	b	s	7	-	-	-	-	0.90	( 0.60- 1.30)	
*16 ZHANG	22	f	s	c	n	s	14	-	-	-	-	1.44	( 1.20- 1.72)	
*17 WEN	2	f	s	c	f	s	9	-	-	-	-	1.52	( 1.08- 2.15)	
*18 HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59	( 1.14- 2.21)	
*18 HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90	( 0.67- 1.21)	
Subtotal 18												1.16	( 0.93- 1.44)	
*19 HILL2	1	m	h	c	f	v	9	-	-	-	-	1.82	( 1.20- 2.77)	
*19 HILL2	2	f	h	c	f	v	9	-	-	-	-	1.17	( 0.76- 1.82)	
Subtotal 19												1.47	( 1.09- 1.99)	
*20 GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63	( 0.83- 2.70)	
*20 GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46	( 1.00- 2.18)	
Subtotal 20												1.51	( 1.09- 2.09)	
21 HE	16	f	4	t	n	s	12	-	-	-	-	1.65	( 1.17- 2.32)	
Partial Totals								0	0	0	0			

\*prospective study

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 7  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 By publication year (grouped) - most-adjusted

2010-14

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*22 GALLO	2	m	h	c	f	v	5	-	-	-	-	1.10 (	0.36- 3.37)
*22 GALLO	3	f	h	c	f	v	5	-	-	-	-	0.93 (	0.49- 1.74)
Subtotal 22												0.97 (	0.56- 1.68)
*23 JEFFER	9	c	s	c	b	s	16	-	-	-	-	0.69 (	0.16- 2.94)
Partial Totals								0	0	0	0		
*prospective study													

		1984-89	1990-99	2000-04	2005-09	2010-14	Total
Relative risks							
	N	7	4	9	12	3	35
	NS	4	3	5	8	2	22
	Wt	156.09	66.45	148.69	420.58	14.45	806.26
	Het Chi	4.15	4.01	8.37	18.19	0.25	47.07
	Het df	6	3	8	11	2	34
	Het P	N.S.	N.S.	N.S.	(*)	N.S.	(*)
Fixed	RR	1.16	1.61	1.09	1.37	0.93	1.28
	RRl	1.00	1.26	0.93	1.25	0.55	1.20
	RRu	1.36	2.04	1.28	1.51	1.55	1.37
	P	(+)	+++	N.S.	+++	N.S.	+++
Random	RR	1.16	1.60	1.09	1.37	0.93	1.27
	RRl	1.00	1.21	0.92	1.20	0.55	1.16
	RRu	1.36	2.11	1.29	1.56	1.55	1.39
	P	(+)	+++	N.S.	+++	N.S.	+++
Asymm	P	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
Between	Chi		4.83	0.30	3.12	0.68	12.11
Between	df		1	1	1	1	4
Between	P		+	N.S.	(+)	N.S.	*

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 8  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11**  
 By number of stroke cases (grouped) - most-adjusted

1-199

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1 GILLIS 1	1	m	h	x	f	v	1	-	-	-	-	0.33 ( 0.04- 2.84)	
*1 GILLIS 2	2	f	h	x	f	v	1	-	-	-	-	1.88 ( 0.22- 16.02)	
Subtotal 1												0.78 ( 0.17- 3.55)	
2 LEE 2	2	m	s	m	n	s	2	-	-	-	-	0.84 ( 0.29- 2.45)	
2 LEE 4	4	f	s	m	n	s	2	-	-	-	-	0.92 ( 0.50- 1.68)	
Subtotal 2												0.90 ( 0.53- 1.52)	
4 DONNAN 1	1	c	s	e	b	c	3	-	-	-	-	1.60 ( 0.60- 3.90)	
6 HOWARD 2	2	c	t	c	n	n	10	-	-	-	-	1.06 ( 0.64- 1.75)	
8 YOU 8	8	c	s	e	n	i	5	-	-	-	-	1.70 ( 0.98- 2.92)	
9 IRIBA1 1	1	m	h	c	n	s	11	-	-	-	-	0.25 ( 0.04- 0.82)	
9 IRIBA1 9	9	f	h	c	n	s	11	-	-	-	-	1.23 ( 0.75- 1.96)	
Subtotal 9												1.06 ( 0.67- 1.68)	
*10 YAMADA 2	2	m	t	e	f	h	1	-	-	-	-	1.13 ( 0.19- 6.85)	
*10 YAMADA 1	1	f	t	e	f	h	1	-	-	-	-	0.94 ( 0.57- 1.55)	
Subtotal 10												0.95 ( 0.59- 1.54)	
11 ANDERS 7	7	m	h	e	b	h	8	-	-	-	-	0.50 ( 0.20- 1.30)	
11 ANDERS 6	6	f	h	e	b	h	8	-	-	-	-	1.30 ( 0.70- 2.30)	
Subtotal 11												0.99 ( 0.60- 1.63)	
*13 WHINC 8	8	m	c	c	b	s	16	-	-	-	-	1.54 ( 0.68- 3.47)	
*15 QURESH 2	2	f	s	e	b	s	7	-	-	-	-	0.90 ( 0.60- 1.30)	
*17 WEN 2	2	f	s	c	f	s	9	-	-	-	-	1.52 ( 1.08- 2.15)	
21 HE 16	16	f	4	t	n	s	12	-	-	-	-	1.65 ( 1.17- 2.32)	
*22 GALLO 2	2	m	h	c	f	v	5	-	-	-	-	1.10 ( 0.36- 3.37)	
*22 GALLO 3	3	f	h	c	f	v	5	-	-	-	-	0.93 ( 0.49- 1.74)	
Subtotal 22												0.97 ( 0.56- 1.68)	
*23 JEFFER 9	9	c	s	c	b	s	16	-	-	-	-	0.69 ( 0.16- 2.94)	
Partial Totals								0	0	0	0		
*prospective study													

200+

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*5 SANDLE 2	2	m	h	e	f	v	4	-	-	-	-	0.97 ( 0.65- 1.46)	
*5 SANDLE 4	4	f	h	e	f	v	4	-	-	-	-	1.24 ( 1.03- 1.49)	
Subtotal 5												1.19 ( 1.00- 1.41)	
7 BONITA 4	4	m	4	t	b	s	4	-	-	-	-	2.10 ( 1.33- 3.32)	
7 BONITA 5	5	f	4	t	b	s	4	-	-	-	-	1.66 ( 1.07- 2.57)	
Subtotal 7												1.86 ( 1.35- 2.55)	
*12 IRIBA2 27	27	m	h	c	b	i	10	-	-	-	-	1.02 ( 0.71- 1.48)	
*12 IRIBA2 39	39	f	h	c	b	i	10	-	-	-	-	1.17 ( 0.92- 1.50)	
Subtotal 12												1.12 ( 0.92- 1.37)	
14 MCGHEE 1	1	m	h	p	f	s	2	-	-	-	-	1.31 ( 0.87- 1.99)	
14 MCGHEE 2	2	f	h	p	f	s	2	-	-	-	-	1.57 ( 1.11- 2.24)	
Subtotal 14												1.46 ( 1.11- 1.90)	
*16 ZHANG 22	22	f	s	c	n	s	14	-	-	-	-	1.44 ( 1.20- 1.72)	
*18 HILL1 1	1	m	h	c	f	v	2	-	-	-	-	1.59 ( 1.14- 2.21)	
*18 HILL1 2	2	f	h	c	f	v	9	-	-	-	-	0.90 ( 0.67- 1.21)	
Subtotal 18												1.16 ( 0.93- 1.44)	
*19 HILL2 1	1	m	h	c	f	v	9	-	-	-	-	1.82 ( 1.20- 2.77)	
*19 HILL2 2	2	f	h	c	f	v	9	-	-	-	-	1.17 ( 0.76- 1.82)	
Subtotal 19												1.47 ( 1.09- 1.99)	
*20 GLYMOU 2	2	m	s	c	b	s	14	-	-	-	-	1.63 ( 0.83- 2.70)	
*20 GLYMOU 5	5	f	s	c	b	s	14	-	-	-	-	1.46 ( 1.00- 2.18)	
Subtotal 20												1.51 ( 1.09- 2.09)	
Partial Totals								0	0	0	0		
*prospective study													

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c                      4) TP2 : v, s, i, n, 9, h, a, c, t
- 2) TIM : c, x, t, m, y, z, a, e, p                      5) UNX : no exposure to ETS, other definition
- 3) TYP : b, f, n

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

Table 8  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 By number of stroke cases (grouped) - most-adjusted

		1-199	200+	Total
Relative risks				
	N	20	15	35
	NS	14	8	22
	Wt	209.25	597.01	806.26
	Het Chi	22.23	23.31	47.07
	Het df	19	14	34
	Het P	N.S.	(*)	(*)
Fixed	RR	1.19	1.32	1.28
	RRl	1.04	1.22	1.20
	RRu	1.36	1.43	1.37
	P	+	+++	+++
Random	RR	1.17	1.33	1.27
	RRl	1.00	1.19	1.16
	RRu	1.36	1.48	1.39
	P	(+)	+++	+++
Asymm	P	*	N.S.	N.S.
Between	Chi		1.53	1.53
Between	df		1	1
Between	P		N.S.	N.S.

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 9  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11**  
 By study type - most-adjusted

case-control

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2 LEE	2	m	s	m	n	s	2	-	-	-	-	0.84 ( 0.29-	2.45)
2 LEE	4	f	s	m	n	s	2	-	-	-	-	0.92 ( 0.50-	1.68)
Subtotal 2												0.90 ( 0.53-	1.52)
4 DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60 ( 0.60-	3.90)
7 BONITA	4	m	4	t	b	s	4	-	-	-	-	2.10 ( 1.33-	3.32)
7 BONITA	5	f	4	t	b	s	4	-	-	-	-	1.66 ( 1.07-	2.57)
Subtotal 7												1.86 ( 1.35-	2.55)
8 YOU	8	c	s	e	n	i	5	-	-	-	-	1.70 ( 0.98-	2.92)
11 ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50 ( 0.20-	1.30)
11 ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30 ( 0.70-	2.30)
Subtotal 11												0.99 ( 0.60-	1.63)
14 MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31 ( 0.87-	1.99)
14 MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57 ( 1.11-	2.24)
Subtotal 14												1.46 ( 1.11-	1.90)
Partial Totals								0	0	0	0		

\*prospective study

prospective

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1 GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33 ( 0.04-	2.84)
*1 GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88 ( 0.22-	16.02)
Subtotal 1												0.78 ( 0.17-	3.55)
*5 SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97 ( 0.65-	1.46)
*5 SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24 ( 1.03-	1.49)
Subtotal 5												1.19 ( 1.00-	1.41)
*10 YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13 ( 0.19-	6.85)
*10 YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94 ( 0.57-	1.55)
Subtotal 10												0.95 ( 0.59-	1.54)
*12 IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02 ( 0.71-	1.48)
*12 IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17 ( 0.92-	1.50)
Subtotal 12												1.12 ( 0.92-	1.37)
*13 WHINCU	8	m	c	c	b	s	16	-	-	-	-	1.54 ( 0.68-	3.47)
*15 QURESH	2	f	s	e	b	s	7	-	-	-	-	0.90 ( 0.60-	1.30)
*17 WEN	2	f	s	c	f	s	9	-	-	-	-	1.52 ( 1.08-	2.15)
*18 HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59 ( 1.14-	2.21)
*18 HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90 ( 0.67-	1.21)
Subtotal 18												1.16 ( 0.93-	1.44)
*19 HILL2	1	m	h	c	f	v	9	-	-	-	-	1.82 ( 1.20-	2.77)
*19 HILL2	2	f	h	c	f	v	9	-	-	-	-	1.17 ( 0.76-	1.82)
Subtotal 19												1.47 ( 1.09-	1.99)
*20 GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63 ( 0.83-	2.70)
*20 GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46 ( 1.00-	2.18)
Subtotal 20												1.51 ( 1.09-	2.09)
*22 GALLO	2	m	h	c	f	v	5	-	-	-	-	1.10 ( 0.36-	3.37)
*22 GALLO	3	f	h	c	f	v	5	-	-	-	-	0.93 ( 0.49-	1.74)
Subtotal 22												0.97 ( 0.56-	1.68)
*23 JEFFER	9	c	s	c	b	s	16	-	-	-	-	0.69 ( 0.16-	2.94)
Partial Totals								0	0	0	0		

\*prospective study

cross-sectional

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
6 HOWARD	2	c	t	c	n	n	10	-	-	-	-	1.06 ( 0.64-	1.75)
9 IRIBAL	1	m	h	c	n	s	11	-	-	-	-	0.25 ( 0.04-	0.82)
9 IRIBAL	9	f	h	c	n	s	11	-	-	-	-	1.23 ( 0.75-	1.96)
Subtotal 9												1.06 ( 0.67-	1.68)
*16 ZHANG	22	f	s	c	n	s	14	-	-	-	-	1.44 ( 1.20-	1.72)
21 HE	16	f	4	t	n	s	12	-	-	-	-	1.65 ( 1.17-	2.32)
Partial Totals								0	0	0	0		

\*prospective study

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 9  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 By study type - most-adjusted

	case-control	prospective	cross-section	Total
Relative risks				
N	10	20	5	35
NS	6	12	4	22
Wt	138.35	483.04	184.87	806.26
Het Chi	11.95	22.22	7.43	47.07
Het df	9	19	4	34
Het P	N.S.	N.S.	N.S.	(*)
Fixed RR	1.45	1.20	1.40	1.28
RRl	1.23	1.10	1.21	1.20
RRu	1.71	1.31	1.61	1.37
P	+++	+++	+++	+++
Random RR	1.42	1.20	1.32	1.27
RRl	1.16	1.08	1.03	1.16
RRu	1.73	1.33	1.69	1.39
P	+++	+++	+	+++
Asymm P	(*)	N.S.	N.S.	N.S.
Between Chi		3.76	0.10	5.47
Between df		1	1	2
Between P		(-)	N.S.	(*)

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 10  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 By total number of confounders considered in the study (grouped) - most-adjusted

		0-5							Number Exposed				Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Case	Cont	Case	Cont				
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33	( 0.04-	2.84)	
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88	( 0.22-	16.02)	
Subtotal 1													0.78	( 0.17-	3.55)	
2	LEE	2	m	s	m	n	s	2	-	-	-	-	0.84	( 0.29-	2.45)	
2	LEE	4	f	s	m	n	s	2	-	-	-	-	0.92	( 0.50-	1.68)	
Subtotal 2													0.90	( 0.53-	1.52)	
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60	( 0.60-	3.90)	
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97	( 0.65-	1.46)	
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24	( 1.03-	1.49)	
Subtotal 5													1.19	( 1.00-	1.41)	
7	BONITA	4	m	4	t	b	s	4	-	-	-	-	2.10	( 1.33-	3.32)	
7	BONITA	5	f	4	t	b	s	4	-	-	-	-	1.66	( 1.07-	2.57)	
Subtotal 7													1.86	( 1.35-	2.55)	
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70	( 0.98-	2.92)	
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13	( 0.19-	6.85)	
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94	( 0.57-	1.55)	
Subtotal 10													0.95	( 0.59-	1.54)	
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31	( 0.87-	1.99)	
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57	( 1.11-	2.24)	
Subtotal 14													1.46	( 1.11-	1.90)	
*22	GALLO	2	m	h	c	f	v	5	-	-	-	-	1.10	( 0.36-	3.37)	
*22	GALLO	3	f	h	c	f	v	5	-	-	-	-	0.93	( 0.49-	1.74)	
Subtotal 22													0.97	( 0.56-	1.68)	
Partial Totals									0	0	0	0				
*prospective study																
									6+							
StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Case	Cont	Case	Cont	RR	95.00%CI		
6	HOWARD	2	c	t	c	n	n	10	-	-	-	-	1.06	( 0.64-	1.75)	
9	IRIBA1	1	m	h	c	n	s	11	-	-	-	-	0.25	( 0.04-	0.82)	
9	IRIBA1	9	f	h	c	n	s	11	-	-	-	-	1.23	( 0.75-	1.96)	
Subtotal 9													1.06	( 0.67-	1.68)	
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50	( 0.20-	1.30)	
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30	( 0.70-	2.30)	
Subtotal 11													0.99	( 0.60-	1.63)	
*12	IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02	( 0.71-	1.48)	
*12	IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17	( 0.92-	1.50)	
Subtotal 12													1.12	( 0.92-	1.37)	
*13	WHINCU	8	m	c	c	b	s	16	-	-	-	-	1.54	( 0.68-	3.47)	
*15	QURESH	2	f	s	e	b	s	7	-	-	-	-	0.90	( 0.60-	1.30)	
*16	ZHANG	22	f	s	c	n	s	14	-	-	-	-	1.44	( 1.20-	1.72)	
*17	WEN	2	f	s	c	f	s	9	-	-	-	-	1.52	( 1.08-	2.15)	
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59	( 1.14-	2.21)	
*18	HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90	( 0.67-	1.21)	
Subtotal 18													1.16	( 0.93-	1.44)	
*19	HILL2	1	m	h	c	f	v	9	-	-	-	-	1.82	( 1.20-	2.77)	
*19	HILL2	2	f	h	c	f	v	9	-	-	-	-	1.17	( 0.76-	1.82)	
Subtotal 19													1.47	( 1.09-	1.99)	
*20	GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63	( 0.83-	2.70)	
*20	GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46	( 1.00-	2.18)	
Subtotal 20													1.51	( 1.09-	2.09)	
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65	( 1.17-	2.32)	
*23	JEFFER	9	c	s	c	b	s	16	-	-	-	-	0.69	( 0.16-	2.94)	
Partial Totals									0	0	0	0				
*prospective study																

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 10  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 By total number of confounders considered in the study (grouped) - most-adjusted

		0-5	6+	Total
Relative risks				
	N	16	19	35
	NS	9	13	22
	Wt	290.16	516.11	806.26
	Het Chi	16.28	30.79	47.07
	Het df	15	18	34
	Het P	N.S.	*	(*)
Fixed	RR	1.29	1.28	1.28
	RRl	1.15	1.17	1.20
	RRu	1.44	1.40	1.37
	P	+++	+++	+++
Random	RR	1.29	1.26	1.27
	RRl	1.13	1.11	1.16
	RRu	1.47	1.42	1.39
	P	+++	+++	+++
Asymm	P	N.S.	N.S.	N.S.
Between	Chi		0.00	0.00
Between	df		1	1
Between	P		N.S.	N.S.

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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



Table 11  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11**  
 By stroke fatality - most-adjusted

Fatal

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1 GILLIS 1		m	h	x	f	v	1	-	-	-	-	0.33 ( 0.04- 2.84)	
*1 GILLIS 2		f	h	x	f	v	1	-	-	-	-	1.88 ( 0.22- 16.02)	
Subtotal 1												0.78 ( 0.17- 3.55)	
*5 SANDLE 2		m	h	e	f	v	4	-	-	-	-	0.97 ( 0.65- 1.46)	
*5 SANDLE 4		f	h	e	f	v	4	-	-	-	-	1.24 ( 1.03- 1.49)	
Subtotal 5												1.19 ( 1.00- 1.41)	
*10 YAMADA 2		m	t	e	f	h	1	-	-	-	-	1.13 ( 0.19- 6.85)	
*10 YAMADA 1		f	t	e	f	h	1	-	-	-	-	0.94 ( 0.57- 1.55)	
Subtotal 10												0.95 ( 0.59- 1.54)	
14 MCGHEE 1		m	h	p	f	s	2	-	-	-	-	1.31 ( 0.87- 1.99)	
14 MCGHEE 2		f	h	p	f	s	2	-	-	-	-	1.57 ( 1.11- 2.24)	
Subtotal 14												1.46 ( 1.11- 1.90)	
*17 WEN 2		f	s	c	f	s	9	-	-	-	-	1.52 ( 1.08- 2.15)	
*18 HILL1 1		m	h	c	f	v	2	-	-	-	-	1.59 ( 1.14- 2.21)	
*18 HILL1 2		f	h	c	f	v	9	-	-	-	-	0.90 ( 0.67- 1.21)	
Subtotal 18												1.16 ( 0.93- 1.44)	
*19 HILL2 1		m	h	c	f	v	9	-	-	-	-	1.82 ( 1.20- 2.77)	
*19 HILL2 2		f	h	c	f	v	9	-	-	-	-	1.17 ( 0.76- 1.82)	
Subtotal 19												1.47 ( 1.09- 1.99)	
*22 GALLO 2		m	h	c	f	v	5	-	-	-	-	1.10 ( 0.36- 3.37)	
*22 GALLO 3		f	h	c	f	v	5	-	-	-	-	0.93 ( 0.49- 1.74)	
Subtotal 22												0.97 ( 0.56- 1.68)	
Partial Totals								0	0	0	0		

\*prospective study

Nonfatal

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2 LEE 2		m	s	m	n	s	2	-	-	-	-	0.84 ( 0.29- 2.45)	
2 LEE 4		f	s	m	n	s	2	-	-	-	-	0.92 ( 0.50- 1.68)	
Subtotal 2												0.90 ( 0.53- 1.52)	
6 HOWARD 2		c	t	c	n	n	10	-	-	-	-	1.06 ( 0.64- 1.75)	
8 YOU 8		c	s	e	n	i	5	-	-	-	-	1.70 ( 0.98- 2.92)	
9 IRIBA1 1		m	h	c	n	s	11	-	-	-	-	0.25 ( 0.04- 0.82)	
9 IRIBA1 9		f	h	c	n	s	11	-	-	-	-	1.23 ( 0.75- 1.96)	
Subtotal 9												1.06 ( 0.67- 1.68)	
*16 ZHANG 22		f	s	c	n	s	14	-	-	-	-	1.44 ( 1.20- 1.72)	
21 HE 16		f	4	t	n	s	12	-	-	-	-	1.65 ( 1.17- 2.32)	
Partial Totals								0	0	0	0		

\*prospective study

Both

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
4 DONNAN 1		c	s	e	b	c	3	-	-	-	-	1.60 ( 0.60- 3.90)	
7 BONITA 4		m	4	t	b	s	4	-	-	-	-	2.10 ( 1.33- 3.32)	
7 BONITA 5		f	4	t	b	s	4	-	-	-	-	1.66 ( 1.07- 2.57)	
Subtotal 7												1.86 ( 1.35- 2.55)	
11 ANDERS 7		m	h	e	b	h	8	-	-	-	-	0.50 ( 0.20- 1.30)	
11 ANDERS 6		f	h	e	b	h	8	-	-	-	-	1.30 ( 0.70- 2.30)	
Subtotal 11												0.99 ( 0.60- 1.63)	
*12 IRIBA2 27		m	h	c	b	i	10	-	-	-	-	1.02 ( 0.71- 1.48)	
*12 IRIBA2 39		f	h	c	b	i	10	-	-	-	-	1.17 ( 0.92- 1.50)	
Subtotal 12												1.12 ( 0.92- 1.37)	
*13 WHINCU 8		m	c	c	b	s	16	-	-	-	-	1.54 ( 0.68- 3.47)	
*15 QURESH 2		f	s	e	b	s	7	-	-	-	-	0.90 ( 0.60- 1.30)	
*20 GLYMOU 2		m	s	c	b	s	14	-	-	-	-	1.63 ( 0.83- 2.70)	
*20 GLYMOU 5		f	s	c	b	s	14	-	-	-	-	1.46 ( 1.00- 2.18)	
Subtotal 20												1.51 ( 1.09- 2.09)	
*23 JEFFER 9		c	s	c	b	s	16	-	-	-	-	0.69 ( 0.16- 2.94)	
Partial Totals								0	0	0	0		

\*prospective study

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 11  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 By stroke fatality - most-adjusted

		Fatal	Nonfatal	Both	Total
Relative risks					
	N	15	8	12	35
	NS	8	6	8	22
	Wt	374.24	211.60	220.43	806.26
	Het Chi	18.17	10.56	17.02	47.07
	Het df	14	7	11	34
	Het P	N.S.	N.S.	N.S.	(*)
Fixed	RR	1.25	1.37	1.26	1.28
	RRl	1.13	1.20	1.10	1.20
	RRu	1.38	1.57	1.43	1.37
	P	+++	+++	+++	+++
Random	RR	1.25	1.30	1.28	1.27
	RRl	1.10	1.06	1.07	1.16
	RRu	1.42	1.60	1.53	1.39
	P	+++	+	++	+++
Asymm	P	N.S.	(*)	N.S.	N.S.
Between	Chi		1.18	0.00	1.31
Between	df		1	1	2
Between	P		N.S.	N.S.	N.S.

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 12  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 By stroke grouping - most-adjusted

stroke

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1 GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33 ( 0.04-	2.84)
*1 GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88 ( 0.22-	16.02)
Subtotal 1													
2 LEE	2	m	s	m	n	s	2	-	-	-	-	0.78 ( 0.17-	3.55)
2 LEE	4	f	s	m	n	s	2	-	-	-	-	0.84 ( 0.29-	2.45)
Subtotal 2													
*5 SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.92 ( 0.50-	1.68)
*5 SANDLE	4	f	h	e	f	v	4	-	-	-	-	0.90 ( 0.53-	1.52)
Subtotal 5													
7 BONITA	4	m	4	t	b	s	4	-	-	-	-	0.97 ( 0.65-	1.46)
7 BONITA	5	f	4	t	b	s	4	-	-	-	-	1.24 ( 1.03-	1.49)
Subtotal 7													
9 IRIBAL	1	m	h	c	n	s	11	-	-	-	-	2.10 ( 1.33-	3.32)
9 IRIBAL	9	f	h	c	n	s	11	-	-	-	-	1.66 ( 1.07-	2.57)
Subtotal 9													
*13 WHINCU	8	m	c	c	b	s	16	-	-	-	-	1.86 ( 1.35-	2.55)
14 MCGHEE	1	m	h	p	f	s	2	-	-	-	-	0.25 ( 0.04-	0.82)
14 MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.23 ( 0.75-	1.96)
Subtotal 14													
*15 QURESH	2	f	s	e	b	s	7	-	-	-	-	1.06 ( 0.67-	1.68)
*16 ZHANG	22	f	s	c	n	s	14	-	-	-	-	1.54 ( 0.68-	3.47)
*17 WEN	2	f	s	c	f	s	9	-	-	-	-	1.31 ( 0.87-	1.99)
*18 HILL1	1	m	h	c	f	v	2	-	-	-	-	1.57 ( 1.11-	2.24)
*18 HILL1	2	f	h	c	f	v	9	-	-	-	-	1.46 ( 1.11-	1.90)
Subtotal 18													
*19 HILL2	1	m	h	c	f	v	9	-	-	-	-	0.90 ( 0.60-	1.30)
*19 HILL2	2	f	h	c	f	v	9	-	-	-	-	1.44 ( 1.20-	1.72)
Subtotal 19													
*20 GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.52 ( 1.08-	2.15)
*20 GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.59 ( 1.14-	2.21)
Subtotal 20													
21 HE	16	f	4	t	n	s	12	-	-	-	-	0.90 ( 0.67-	1.21)
*22 GALLO	2	m	h	c	f	v	5	-	-	-	-	1.16 ( 0.93-	1.44)
*22 GALLO	3	f	h	c	f	v	5	-	-	-	-	1.82 ( 1.20-	2.77)
Subtotal 22													
*23 JEFFER	9	c	s	c	b	s	16	-	-	-	-	1.17 ( 0.76-	1.82)
Partial Totals								0	0	0	0	1.47 ( 1.09-	1.99)
*prospective study												1.63 ( 0.83-	2.70)

ischaemic

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
6 HOWARD	2	c	t	c	n	n	10	-	-	-	-	1.06 ( 0.64-	1.75)
8 YOU	8	c	s	e	n	i	5	-	-	-	-	1.70 ( 0.98-	2.92)
*12 IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02 ( 0.71-	1.48)
*12 IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17 ( 0.92-	1.50)
Subtotal 12													
Partial Totals								0	0	0	0	1.12 ( 0.92-	1.37)
*prospective study													

haemorrhagic

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*10 YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13 ( 0.19-	6.85)
*10 YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94 ( 0.57-	1.55)
Subtotal 10													
11 ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.95 ( 0.59-	1.54)
11 ANDERS	6	f	h	e	b	h	8	-	-	-	-	0.50 ( 0.20-	1.30)
Subtotal 11													
Partial Totals								0	0	0	0	1.30 ( 0.70-	2.30)
*prospective study												0.99 ( 0.60-	1.63)

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 12  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 By stroke grouping - most-adjusted

other									Number Exposed		Non-exposed		RR	95.00%CI		
StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Case	Cont	Case	Cont					
4	DONNAN 1	c	s	e	b	c	3	-	-	-	-	1.60	( 0.60-	3.90)		
Partial Totals									0	0	0	0				
*prospective study																
									stroke	ischaemic	haemorrhagic	other	Total			
Relative risks																
									N	26	4	4	1	35		
									NS	16	3	2	1	22		
									Wt	649.23	120.86	31.79	4.39	806.26		
									Het Chi	37.24	2.48	2.90	0.00	47.07		
									Het df	25	3	3	0	34		
									Het P	(*)	N.S.	N.S.	N.S.	(*)		
									Fixed RR	1.32	1.16	0.97	1.60	1.28		
									RRl	1.22	0.97	0.68	0.63	1.20		
									RRu	1.43	1.39	1.37	4.08	1.37		
									P	+++	(+)	N.S.	N.S.	+++		
									Random RR	1.31	1.16	0.97	1.60	1.27		
									RRl	1.18	0.97	0.68	0.63	1.16		
									RRu	1.46	1.39	1.37	4.08	1.39		
									P	+++	(+)	N.S.	N.S.	+++		
									Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.		
									Between Chi		1.66	2.93	0.16	4.45		
									Between df		1	1	1	3		
									Between P		N.S.	(-)	N.S.	N.S.		

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 13  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 By study weakness noted - most-adjusted

absent

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1 GILLIS 1	1	m	h	x	f	v	1	-	-	-	-	0.33 ( 0.04- 2.84)	
*1 GILLIS 2	2	f	h	x	f	v	1	-	-	-	-	1.88 ( 0.22- 16.02)	
Subtotal 1												0.78 ( 0.17- 3.55)	
2 LEE 2	2	m	s	m	n	s	2	-	-	-	-	0.84 ( 0.29- 2.45)	
2 LEE 4	4	f	s	m	n	s	2	-	-	-	-	0.92 ( 0.50- 1.68)	
Subtotal 2												0.90 ( 0.53- 1.52)	
4 DONNAN 1	1	c	s	e	b	c	3	-	-	-	-	1.60 ( 0.60- 3.90)	
6 HOWARD 2	2	c	t	c	n	n	10	-	-	-	-	1.06 ( 0.64- 1.75)	
8 YOU 8	8	c	s	e	n	i	5	-	-	-	-	1.70 ( 0.98- 2.92)	
9 IRIBAI 1	1	m	h	c	n	s	11	-	-	-	-	0.25 ( 0.04- 0.82)	
9 IRIBAI 9	9	f	h	c	n	s	11	-	-	-	-	1.23 ( 0.75- 1.96)	
Subtotal 9												1.06 ( 0.67- 1.68)	
11 ANDERS 7	7	m	h	e	b	h	8	-	-	-	-	0.50 ( 0.20- 1.30)	
11 ANDERS 6	6	f	h	e	b	h	8	-	-	-	-	1.30 ( 0.70- 2.30)	
Subtotal 11												0.99 ( 0.60- 1.63)	
*15 QURESH 2	2	f	s	e	b	s	7	-	-	-	-	0.90 ( 0.60- 1.30)	
*16 ZHANG 22	22	f	s	c	n	s	14	-	-	-	-	1.44 ( 1.20- 1.72)	
*17 WEN 2	2	f	s	c	f	s	9	-	-	-	-	1.52 ( 1.08- 2.15)	
*20 GLYMOU 2	2	m	s	c	b	s	14	-	-	-	-	1.63 ( 0.83- 2.70)	
*20 GLYMOU 5	5	f	s	c	b	s	14	-	-	-	-	1.46 ( 1.00- 2.18)	
Subtotal 20												1.51 ( 1.09- 2.09)	
21 HE 16	16	f	4	t	n	s	12	-	-	-	-	1.65 ( 1.17- 2.32)	
*22 GALLO 2	2	m	h	c	f	v	5	-	-	-	-	1.10 ( 0.36- 3.37)	
*22 GALLO 3	3	f	h	c	f	v	5	-	-	-	-	0.93 ( 0.49- 1.74)	
Subtotal 22												0.97 ( 0.56- 1.68)	
*23 JEFFER 9	9	c	s	c	b	s	16	-	-	-	-	0.69 ( 0.16- 2.94)	
Partial Totals								0	0	0	0		

\*prospective study

yes

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*5 SANDLE 2	2	m	h	e	f	v	4	-	-	-	-	0.97 ( 0.65- 1.46)	
*5 SANDLE 4	4	f	h	e	f	v	4	-	-	-	-	1.24 ( 1.03- 1.49)	
Subtotal 5												1.19 ( 1.00- 1.41)	
7 BONITA 4	4	m	4	t	b	s	4	-	-	-	-	2.10 ( 1.33- 3.32)	
7 BONITA 5	5	f	4	t	b	s	4	-	-	-	-	1.66 ( 1.07- 2.57)	
Subtotal 7												1.86 ( 1.35- 2.55)	
*10 YAMADA 2	2	m	t	e	f	h	1	-	-	-	-	1.13 ( 0.19- 6.85)	
*10 YAMADA 1	1	f	t	e	f	h	1	-	-	-	-	0.94 ( 0.57- 1.55)	
Subtotal 10												0.95 ( 0.59- 1.54)	
*12 IRIBA2 27	27	m	h	c	b	i	10	-	-	-	-	1.02 ( 0.71- 1.48)	
*12 IRIBA2 39	39	f	h	c	b	i	10	-	-	-	-	1.17 ( 0.92- 1.50)	
Subtotal 12												1.12 ( 0.92- 1.37)	
*13 WHINCU 8	8	m	c	c	b	s	16	-	-	-	-	1.54 ( 0.68- 3.47)	
14 MCGHEE 1	1	m	h	p	f	s	2	-	-	-	-	1.31 ( 0.87- 1.99)	
14 MCGHEE 2	2	f	h	p	f	s	2	-	-	-	-	1.57 ( 1.11- 2.24)	
Subtotal 14												1.46 ( 1.11- 1.90)	
*18 HILL1 1	1	m	h	c	f	v	2	-	-	-	-	1.59 ( 1.14- 2.21)	
*18 HILL1 2	2	f	h	c	f	v	9	-	-	-	-	0.90 ( 0.67- 1.21)	
Subtotal 18												1.16 ( 0.93- 1.44)	
*19 HILL2 1	1	m	h	c	f	v	9	-	-	-	-	1.82 ( 1.20- 2.77)	
*19 HILL2 2	2	f	h	c	f	v	9	-	-	-	-	1.17 ( 0.76- 1.82)	
Subtotal 19												1.47 ( 1.09- 1.99)	
Partial Totals								0	0	0	0		

\*prospective study

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 13  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 By study weakness noted - most-adjusted

	absent	yes	Total
Relative risks			
N	20	15	35
NS	14	8	22
Wt	341.82	464.44	806.26
Het Chi	24.11	22.64	47.07
Het df	19	14	34
Het P	N.S.	(*)	(*)
Fixed RR	1.31	1.26	1.28
RRl	1.18	1.15	1.20
RRu	1.46	1.38	1.37
P	+++	+++	+++
Random RR	1.26	1.28	1.27
RRl	1.10	1.13	1.16
RRu	1.45	1.45	1.39
P	+++	+++	+++
Asymm P	*	N.S.	N.S.
Between Chi		0.33	0.33
Between df		1	1
Between P		N.S.	N.S.

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 14  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 Ischaemic stroke - most-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
6	HOWARD	2	c	t	c	n	n	10	-	-	-	-	1.06	( 0.64- 1.75)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70	( 0.98- 2.92)
*12	IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02	( 0.71- 1.48)
*12	IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17	( 0.92- 1.50)
Subtotal 12													1.12	( 0.92- 1.37)
*15	QURESH	4	f	s	e	b	i	7	-	-	-	-	0.80	( 0.60- 1.30)
21	HE	9	f	4	t	n	i	12	-	-	-	-	1.56	( 1.03- 2.35)
Partial Totals									0	0	0	0		
*prospective study														

Overall                      Total

Relative risks

	N	6	6
	NS	5	5
	Wt	169.14	169.14
Het	Chi	7.98	7.98
Het	df	5	5
Het	P	N.S.	N.S.
Fixed	RR	1.14	1.14
	RRl	0.98	0.98
	RRu	1.33	1.33
	P	(+)	(+)
Random	RR	1.15	1.15
	RRl	0.94	0.94
	RRu	1.41	1.41
	P	N.S.	N.S.
Asymm	P	N.S.	N.S.
Between	Chi		
Between	df		
Between	P		N.S.

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c                      4) TP2 : i, n
- 2) TIM : c, x, t, m, y, z, a, e, p                      5) UNX : no exposure to ETS, other definition
- 3) TYP : b, f, n

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

Table 15  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 Haemorrhagic stroke - most-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13	( 0.19-	6.85)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94	( 0.57-	1.55)
Subtotal 10													0.95	( 0.59-	1.54)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50	( 0.20-	1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30	( 0.70-	2.30)
Subtotal 11													0.99	( 0.60-	1.63)
21	HE	2	f	4	t	n	9	12	-	-	-	-	1.10	( 0.52-	2.34)
Partial Totals									0	0	0	0			
*prospective study															

Overall                      Total

Relative risks

	N	5	5
	NS	3	3
	Wt	38.59	38.59
Het	Chi	2.99	2.99
Het	df	4	4
Het	P	N.S.	N.S.
Fixed	RR	0.99	0.99
	RRl	0.72	0.72
	RRu	1.36	1.36
	P	N.S.	N.S.
Random	RR	0.99	0.99
	RRl	0.72	0.72
	RRu	1.36	1.36
	P	N.S.	N.S.
Asymm	P	N.S.	N.S.
Between	Chi		
Between	df		
Between	P		N.S.

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c                      4) TP2 : 9, h, a
- 2) TIM : c, x, t, m, y, z, a, e, p                      5) UNX : no exposure to ETS, other definition
- 3) TYP : b, f, n

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



Table 16  
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 04-OCT-11  
 Overall - most-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33	( 0.04- 2.84)
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88	( 0.22- 16.02)
Subtotal 1														
2	LEE	2	m	s	m	n	s	2	-	-	-	-	0.84	( 0.29- 2.45)
2	LEE	4	f	s	m	n	s	2	-	-	-	-	0.92	( 0.50- 1.68)
Subtotal 2														
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60	( 0.60- 3.90)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97	( 0.65- 1.46)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24	( 1.03- 1.49)
Subtotal 5														
6	HOWARD	2	c	t	c	n	n	10	-	-	-	-	1.19	( 1.00- 1.41)
7	BONITA	4	m	4	t	b	s	4	-	-	-	-	2.10	( 1.33- 3.32)
7	BONITA	5	f	4	t	b	s	4	-	-	-	-	1.66	( 1.07- 2.57)
Subtotal 7														
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70	( 0.98- 2.92)
9	IRIBA1	1	m	h	c	n	s	11	-	-	-	-	0.25	( 0.04- 0.82)
9	IRIBA1	9	f	h	c	n	s	11	-	-	-	-	1.23	( 0.75- 1.96)
Subtotal 9														
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13	( 0.19- 6.85)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94	( 0.57- 1.55)
Subtotal 10														
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50	( 0.20- 1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30	( 0.70- 2.30)
Subtotal 11														
*12	IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02	( 0.71- 1.48)
*12	IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17	( 0.92- 1.50)
Subtotal 12														
*13	WHINCU	8	m	c	c	b	s	16	-	-	-	-	1.54	( 0.68- 3.47)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31	( 0.87- 1.99)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57	( 1.11- 2.24)
Subtotal 14														
*15	QURESH	2	f	s	e	b	s	7	-	-	-	-	0.90	( 0.60- 1.30)
*16	ZHANG	6	f	s	e	n	s	14	-	-	-	-	1.27	( 1.05- 1.54)
*17	WEN	1	f	s	m	f	s	9	-	-	-	-	1.33	( 0.96- 1.84)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59	( 1.14- 2.21)
*18	HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90	( 0.67- 1.21)
Subtotal 18														
*19	HILL2	1	m	h	c	f	v	9	-	-	-	-	1.16	( 0.93- 1.44)
*19	HILL2	2	f	h	c	f	v	9	-	-	-	-	1.82	( 1.20- 2.77)
Subtotal 19														
*20	GLYMOU	3	m	s	e	b	s	14	-	-	-	-	1.47	( 1.09- 1.99)
*20	GLYMOU	6	f	s	e	b	s	14	-	-	-	-	1.01	( 0.65- 1.57)
Subtotal 20														
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.10	( 0.82- 1.47)
*22	GALLO	2	m	h	c	f	v	5	-	-	-	-	1.07	( 0.84- 1.37)
*22	GALLO	3	f	h	c	f	v	5	-	-	-	-	1.65	( 1.17- 2.32)
Subtotal 22														
*23	JEFFER	9	c	s	c	b	s	16	-	-	-	-	1.10	( 0.36- 3.37)
Subtotal 23														
Partial Totals									0	0	0	0	0.97	( 0.56- 1.68)
*prospective study									0	0	0	0	0.69	( 0.16- 2.94)

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : e, a, z, y, m, t, x, c, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 16  
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 04-OCT-11  
 Overall - most-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Ys	Ws	Qs	Ps
*1	GILLIS	1	m	h	x	f	v	1	-1.11	0.85	1.46	0.3080
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.15	0.5639
Subtotal 1												
2	LEE	2	m	s	m	n	s	2	-0.17	3.37	0.49	0.7488
2	LEE	4	f	s	m	n	s	2	-0.08	10.46	0.87	0.7874
Subtotal 2												
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.31	0.3250
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.30	0.8827
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.01	0.0224
Subtotal 5												
6	HOWARD	2	c	t	c	n	n	10	0.06	15.19	0.33	0.8204
7	BONITA	4	m	4	t	b	s	4	0.74	18.36	5.29	0.0015
7	BONITA	5	f	4	t	b	s	4	0.51	20.01	1.82	0.0234
Subtotal 7												
8	YOU	8	c	s	e	n	i	5	0.53	12.89	1.37	0.0568
9	IRIBAL	1	m	h	c	n	s	11	-1.39	1.68	4.26	0.0720
9	IRIBAL	9	f	h	c	n	s	11	0.21	16.65	0.00	0.3983
Subtotal 9												
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.01	0.8937
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.09	0.8084
Subtotal 10												
11	ANDERS	7	m	h	e	b	h	8	-0.69	4.39	3.54	0.1466
11	ANDERS	6	f	h	e	b	h	8	0.26	10.86	0.04	0.3873
Subtotal 11												
*12	IRIBA2	27	m	h	c	b	i	10	0.02	28.48	0.98	0.9158
*12	IRIBA2	39	f	h	c	b	i	10	0.16	64.30	0.15	0.2080
Subtotal 12												
*13	WHINCU	8	m	c	c	b	s	16	0.43	5.78	0.30	0.2990
14	MCGHEE	1	m	h	p	f	s	2	0.27	22.45	0.09	0.2008
14	MCGHEE	2	f	h	p	f	s	2	0.45	31.17	1.89	0.0118
Subtotal 14												
*15	QURESH	2	f	s	e	b	s	7	-0.11	25.70	2.48	0.5932
*16	ZHANG	6	f	s	e	n	s	14	0.24	104.76	0.12	0.0144
*17	WEN	1	f	s	m	f	s	9	0.29	36.30	0.23	0.0857
*18	HILL1	1	m	h	c	f	v	2	0.46	35.07	2.35	0.0060
*18	HILL1	2	f	h	c	f	v	9	-0.11	43.98	4.24	0.4847
Subtotal 18												
*19	HILL2	1	m	h	c	f	v	9	0.15	79.04	6.58	
*19	HILL2	2	f	h	c	f	v	9	0.60	21.96	3.41	0.0050
Subtotal 19												
*20	GLYMOU	3	m	s	e	b	s	14	0.16	20.15	0.05	0.4810
*20	GLYMOU	6	f	s	e	b	s	14	0.39	42.11	3.45	
Subtotal 20												
21	HE	16	f	4	t	n	s	12	0.01	19.76	0.75	0.9647
*22	GALLO	2	m	h	c	f	v	5	0.10	45.10	0.54	0.5221
*22	GALLO	3	f	h	c	f	v	5	0.07	64.86	1.29	
Subtotal 22												
*23	JEFFER	9	c	s	c	b	s	16	0.50	32.79	2.87	0.0041
									0.10	3.07	0.04	0.8673
									-0.07	9.57	0.74	0.8224
									-0.03	12.64	0.77	
									-0.37	1.81	0.60	0.6173

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : e, a, z, y, m, t, x, c, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 16  
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 04-OCT-11  
 Overall - most-adjusted

Relative risks

	N	35
	NS	22
	Wt	824.86
Het	Chi	44.15
Het	df	34
Het	P	N.S.
Fixed	RR	1.23
	RRl	1.15
	RRu	1.31
	P	+++
Random	RR	1.22
	RRl	1.12
	RRu	1.33
	P	+++
Asymm	P	N.S.

---

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

- |                                       |   |
|---------------------------------------|---|
| 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c | 4) TP2 : v, s, i, n, 9, h, a, c, t            |
| 2) TIM : e, a, z, y, m, t, x, c, p    | 5) UNX : no exposure to ETS, other definition |
| 3) TYP : b, f, n                      |   |

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

Table 17  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 04-OCT-11**  
 Overall - least-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33	( 0.04- 2.84)
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88	( 0.22- 16.02)
Subtotal 1													0.78	( 0.17- 3.55)
2	LEE	2	m	s	m	n	s	2	-	-	-	-	0.84	( 0.29- 2.45)
2	LEE	4	f	s	m	n	s	2	-	-	-	-	0.92	( 0.50- 1.68)
Subtotal 2													0.90	( 0.53- 1.52)
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60	( 0.60- 3.90)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97	( 0.65- 1.46)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24	( 1.03- 1.49)
Subtotal 5													1.19	( 1.00- 1.41)
6	HOWARD	1	c	t	c	n	n	2	-	-	-	-	1.03	( 0.63- 1.67)
7	BONITA	1	m	4	t	b	s	1	-	-	-	-	2.06	( 1.34- 3.17)
7	BONITA	2	f	4	t	b	s	1	-	-	-	-	1.50	( 1.01- 2.21)
Subtotal 7													1.73	( 1.30- 2.31)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70	( 0.98- 2.92)
9	IRIBA1	1	m	h	c	n	s	11	-	-	-	-	0.25	( 0.04- 0.82)
9	IRIBA1	9	f	h	c	n	s	11	-	-	-	-	1.23	( 0.75- 1.96)
Subtotal 9													1.06	( 0.67- 1.68)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13	( 0.19- 6.85)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94	( 0.57- 1.55)
Subtotal 10													0.95	( 0.59- 1.54)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50	( 0.20- 1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30	( 0.70- 2.30)
Subtotal 11													0.99	( 0.60- 1.63)
*12	IRIBA2	3	m	h	c	b	i	1	-	-	-	-	1.12	( 0.78- 1.60)
*12	IRIBA2	15	f	h	c	b	i	1	-	-	-	-	1.23	( 0.97- 1.57)
Subtotal 12													1.19	( 0.98- 1.46)
*13	WHINCU	4	m	c	c	b	s	2	-	-	-	-	0.96	( 0.49- 1.89)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31	( 0.87- 1.99)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57	( 1.11- 2.24)
Subtotal 14													1.46	( 1.11- 1.90)
*15	QURESH	1	f	s	e	b	s	1	-	-	-	-	0.90	( 0.60- 1.40)
*16	ZHANG	25	f	s	e	n	s	1	-	-	-	-	1.35	( 1.13- 1.62)
*17	WEN	1	f	s	m	f	s	9	-	-	-	-	1.33	( 0.96- 1.84)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59	( 1.14- 2.21)
*18	HILL1	3	f	h	c	f	v	2	-	-	-	-	0.88	( 0.66- 1.17)
Subtotal 18													1.13	( 0.91- 1.41)
*19	HILL2	3	m	h	c	f	v	2	-	-	-	-	1.91	( 1.23- 2.96)
*19	HILL2	4	f	h	c	f	v	2	-	-	-	-	1.16	( 0.75- 1.79)
Subtotal 19													1.48	( 1.09- 2.02)
*20	GLYMOU	3	m	s	e	b	s	14	-	-	-	-	1.01	( 0.65- 1.57)
*20	GLYMOU	6	f	s	e	b	s	14	-	-	-	-	1.10	( 0.82- 1.47)
Subtotal 20													1.07	( 0.84- 1.37)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65	( 1.17- 2.32)
*22	GALLO	1	c	h	c	f	v	2	-	-	-	-	1.04	( 0.60- 1.80)
*23	JEFFER	9	c	s	c	b	s	16	-	-	-	-	0.69	( 0.16- 2.94)
Partial Totals									0	0	0	0		
*prospective study														

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : e, a, z, y, m, t, x, c, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 17  
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 04-OCT-11  
 Overall - least-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Ys	Ws	Qs	Ps
*1	GILLIS	1	m	h	x	f	v	1	-1.11	0.85	1.48	0.3080
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.14	0.5639
Subtotal 1									-0.24	1.68	1.63	
2	LEE	2	m	s	m	n	s	2	-0.17	3.37	0.51	0.7488
2	LEE	4	f	s	m	n	s	2	-0.08	10.46	0.94	0.7874
Subtotal 2									-0.11	13.84	1.45	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.28	0.3250
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.43	0.8827
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.00	0.0224
Subtotal 5									0.17	136.18	1.43	
6	HOWARD	1	c	t	c	n	n	2	0.03	16.17	0.56	0.9054
7	BONITA	1	m	4	t	b	s	1	0.72	20.72	5.32	0.0010
7	BONITA	2	f	4	t	b	s	1	0.41	25.06	0.90	0.0424
Subtotal 7									0.55	45.78	6.21	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	1.27	0.0568
9	IRIBA1	1	m	h	c	n	s	11	-1.39	1.68	4.33	0.0720
9	IRIBA1	9	f	h	c	n	s	11	0.21	16.65	0.00	0.3983
Subtotal 9									0.06	18.34	4.33	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.01	0.8937
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.19	0.8084
Subtotal 10									-0.05	16.55	1.20	
11	ANDERS	7	m	h	e	b	h	8	-0.69	4.39	3.63	0.1466
11	ANDERS	6	f	h	e	b	h	8	0.26	10.86	0.02	0.3873
Subtotal 11									-0.01	15.24	3.65	
*12	IRIBA2	3	m	h	c	b	i	1	0.11	29.77	0.32	0.5364
*12	IRIBA2	15	f	h	c	b	i	1	0.21	66.27	0.01	0.0920
Subtotal 12									0.18	96.04	0.32	
*13	WHINCU	4	m	c	c	b	s	2	-0.04	8.43	0.56	0.9056
14	MCGHEE	1	m	h	p	f	s	2	0.27	22.45	0.06	0.2008
14	MCGHEE	2	f	h	p	f	s	2	0.45	31.17	1.72	0.0118
Subtotal 14									0.38	53.62	1.78	
*15	QURESH	1	f	s	e	b	s	1	-0.11	21.40	2.21	0.6259
*16	ZHANG	25	f	s	e	n	s	1	0.30	118.43	0.83	0.0011
*17	WEN	1	f	s	m	f	s	9	0.29	36.30	0.17	0.0857
*18	HILL1	1	m	h	c	f	v	2	0.46	35.07	2.15	0.0060
*18	HILL1	3	f	h	c	f	v	2	-0.13	46.88	5.55	0.3814
Subtotal 18									0.13	81.94	7.70	
*19	HILL2	3	m	h	c	f	v	2	0.65	19.92	3.70	0.0039
*19	HILL2	4	f	h	c	f	v	2	0.15	20.31	0.09	0.5036
Subtotal 19									0.40	40.23	3.79	
*20	GLYMOU	3	m	s	e	b	s	14	0.01	19.76	0.84	0.9647
*20	GLYMOU	6	f	s	e	b	s	14	0.10	45.10	0.66	0.5221
Subtotal 20									0.07	64.86	1.50	
21	HE	16	f	4	t	n	s	12	0.50	32.79	2.65	0.0041
*22	GALLO	1	c	h	c	f	v	2	0.04	12.73	0.40	0.8887
*23	JEFFER	9	c	s	c	b	s	16	-0.37	1.81	0.63	0.6173

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : e, a, z, y, m, t, x, c, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 17  
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 04-OCT-11  
 Overall - least-adjusted

Relative risks

	N	34
	NS	22
	Wt	849.64
Het	Chi	44.57
Het	df	33
Het	P	(*)
Fixed	RR	1.24
	RRl	1.16
	RRu	1.33
	P	+++
Random	RR	1.23
	RRl	1.13
	RRu	1.34
	P	+++
Asymm	P	(*)

---

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

- |                                       |   |
|---------------------------------------|---|
| 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c | 4) TP2 : v, s, i, n, 9, h, a, c, t            |
| 2) TIM : e, a, z, y, m, t, x, c, p    | 5) UNX : no exposure to ETS, other definition |
| 3) TYP : b, f, n                      |   |

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

Table 18  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 04-OCT-11**  
 By sex - most-adjusted

combined

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60	( 0.60- 3.90)
6	HOWARD	2	c	t	c	n	n	10	-	-	-	-	1.06	( 0.64- 1.75)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70	( 0.98- 2.92)
*23	JEFFER	9	c	s	c	b	s	16	-	-	-	-	0.69	( 0.16- 2.94)
Partial Totals									0	0	0	0		

\*prospective study

male

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33	( 0.04- 2.84)
2	LEE	2	m	s	m	n	s	2	-	-	-	-	0.84	( 0.29- 2.45)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97	( 0.65- 1.46)
7	BONITA	4	m	4	t	b	s	4	-	-	-	-	2.10	( 1.33- 3.32)
9	IRIBA1	1	m	h	c	n	s	11	-	-	-	-	0.25	( 0.04- 0.82)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13	( 0.19- 6.85)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50	( 0.20- 1.30)
*12	IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02	( 0.71- 1.48)
*13	WHINC	8	m	c	c	b	s	16	-	-	-	-	1.54	( 0.68- 3.47)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31	( 0.87- 1.99)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59	( 1.14- 2.21)
*19	HILL2	1	m	h	c	f	v	9	-	-	-	-	1.82	( 1.20- 2.77)
*20	GLYMOU	3	m	s	e	b	s	14	-	-	-	-	1.01	( 0.65- 1.57)
*22	GALLO	2	m	h	c	f	v	5	-	-	-	-	1.10	( 0.36- 3.37)
Partial Totals									0	0	0	0		

\*prospective study

female

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88	( 0.22- 16.02)
2	LEE	4	f	s	m	n	s	2	-	-	-	-	0.92	( 0.50- 1.68)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24	( 1.03- 1.49)
7	BONITA	5	f	4	t	b	s	4	-	-	-	-	1.66	( 1.07- 2.57)
9	IRIBA1	9	f	h	c	n	s	11	-	-	-	-	1.23	( 0.75- 1.96)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94	( 0.57- 1.55)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30	( 0.70- 2.30)
*12	IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17	( 0.92- 1.50)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57	( 1.11- 2.24)
*15	QURESH	2	f	s	e	b	s	7	-	-	-	-	0.90	( 0.60- 1.30)
*16	ZHANG	6	f	s	e	n	s	14	-	-	-	-	1.27	( 1.05- 1.54)
*17	WEN	1	f	s	m	f	s	9	-	-	-	-	1.33	( 0.96- 1.84)
*18	HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90	( 0.67- 1.21)
*19	HILL2	2	f	h	c	f	v	9	-	-	-	-	1.17	( 0.76- 1.82)
*20	GLYMOU	6	f	s	e	b	s	14	-	-	-	-	1.10	( 0.82- 1.47)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65	( 1.17- 2.32)
*22	GALLO	3	f	h	c	f	v	5	-	-	-	-	0.93	( 0.49- 1.74)
Partial Totals									0	0	0	0		

\*prospective study

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : e, a, z, y, m, t, x, c, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 18  
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 04-OCT-11  
 By sex - most-adjusted

	combined	male	female	Total
Relative risks				
N	4	14	17	35
NS	4	14	17	35
Wt	34.28	189.88	600.71	824.86
Het Chi	2.48	24.06	17.17	44.15
Het df	3	13	16	34
Het P	N.S.	*	N.S.	N.S.
Fixed RR	1.30	1.27	1.21	1.23
RRl	0.93	1.10	1.12	1.15
RRu	1.82	1.46	1.31	1.31
P	N.S.	++	+++	+++
Random RR	1.30	1.21	1.21	1.22
RRl	0.93	0.97	1.11	1.12
RRu	1.82	1.50	1.32	1.33
P	N.S.	(+)	+++	+++
Asymm P	N.S.	(*)	N.S.	N.S.
Between Chi		0.02	0.18	0.45
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

---

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c      4) TP2 : v, s, i, n, 9, h, a, c, t
- 2) TIM : e, a, z, y, m, t, x, c, p      5) UNX : no exposure to ETS, other definition
- 3) TYP : b, f, n

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



Table 19  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 04-OCT-11**  
 By sex - least-adjusted

combined

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60	( 0.60- 3.90)
6	HOWARD	1	c	t	c	n	n	2	-	-	-	-	1.03	( 0.63- 1.67)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70	( 0.98- 2.92)
*22	GALLO	1	c	h	c	f	v	2	-	-	-	-	1.04	( 0.60- 1.80)
*23	JEFFER	9	c	s	c	b	s	16	-	-	-	-	0.69	( 0.16- 2.94)
Partial Totals									0	0	0	0		

\*prospective study

male

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33	( 0.04- 2.84)
2	LEE	2	m	s	m	n	s	2	-	-	-	-	0.84	( 0.29- 2.45)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97	( 0.65- 1.46)
7	BONITA	1	m	4	t	b	s	1	-	-	-	-	2.06	( 1.34- 3.17)
9	IRIBA1	1	m	h	c	n	s	11	-	-	-	-	0.25	( 0.04- 0.82)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13	( 0.19- 6.85)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50	( 0.20- 1.30)
*12	IRIBA2	3	m	h	c	b	i	1	-	-	-	-	1.12	( 0.78- 1.60)
*13	WHINCU	4	m	c	c	b	s	2	-	-	-	-	0.96	( 0.49- 1.89)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31	( 0.87- 1.99)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59	( 1.14- 2.21)
*19	HILL2	3	m	h	c	f	v	2	-	-	-	-	1.91	( 1.23- 2.96)
*20	GLYMOU	3	m	s	e	b	s	14	-	-	-	-	1.01	( 0.65- 1.57)
Partial Totals									0	0	0	0		

\*prospective study

female

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88	( 0.22- 16.02)
2	LEE	4	f	s	m	n	s	2	-	-	-	-	0.92	( 0.50- 1.68)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24	( 1.03- 1.49)
7	BONITA	2	f	4	t	b	s	1	-	-	-	-	1.50	( 1.01- 2.21)
9	IRIBA1	9	f	h	c	n	s	11	-	-	-	-	1.23	( 0.75- 1.96)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94	( 0.57- 1.55)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30	( 0.70- 2.30)
*12	IRIBA2	15	f	h	c	b	i	1	-	-	-	-	1.23	( 0.97- 1.57)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57	( 1.11- 2.24)
*15	QURESH	1	f	s	e	b	s	1	-	-	-	-	0.90	( 0.60- 1.40)
*16	ZHANG	25	f	s	e	n	s	1	-	-	-	-	1.35	( 1.13- 1.62)
*17	WEN	1	f	s	m	f	s	9	-	-	-	-	1.33	( 0.96- 1.84)
*18	HILL1	3	f	h	c	f	v	2	-	-	-	-	0.88	( 0.66- 1.17)
*19	HILL2	4	f	h	c	f	v	2	-	-	-	-	1.16	( 0.75- 1.79)
*20	GLYMOU	6	f	s	e	b	s	14	-	-	-	-	1.10	( 0.82- 1.47)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65	( 1.17- 2.32)
Partial Totals									0	0	0	0		

\*prospective study

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : e, a, z, y, m, t, x, c, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 19  
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 04-OCT-11  
 By sex - least-adjusted

	combined	male	female	Total
Relative risks				
N	5	13	16	34
NS	5	13	16	34
Wt	47.99	191.07	610.58	849.64
Het Chi	3.12	24.22	17.07	44.57
Het df	4	12	15	33
Het P	N.S.	*	N.S.	(*)
Fixed RR	1.21	1.27	1.23	1.24
RRl	0.91	1.10	1.14	1.16
RRu	1.61	1.47	1.34	1.33
P	N.S.	+++	+++	+++
Random RR	1.21	1.19	1.23	1.23
RRl	0.91	0.95	1.13	1.13
RRu	1.61	1.49	1.34	1.34
P	N.S.	N.S.	+++	+++
Asymm P	N.S.	*	N.S.	(*)
Between Chi		0.09	0.02	0.16
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : e, a, z, y, m, t, x, c, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 20  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 04-OCT-11**  
 By source of exposure - most-adjusted

spouse

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	LEE	2	m	s	m	n	s	2	-	-	-	-	0.84 ( 0.29- 2.45)
2	LEE	4	f	s	m	n	s	2	-	-	-	-	0.92 ( 0.50- 1.68)
Subtotal 2													
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60 ( 0.60- 3.90)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70 ( 0.98- 2.92)
*15	QURESH	2	f	s	e	b	s	7	-	-	-	-	0.90 ( 0.60- 1.30)
*16	ZHANG	6	f	s	e	n	s	14	-	-	-	-	1.27 ( 1.05- 1.54)
*17	WEN	1	f	s	m	f	s	9	-	-	-	-	1.33 ( 0.96- 1.84)
*20	GLYMOU	3	m	s	e	b	s	14	-	-	-	-	1.01 ( 0.65- 1.57)
*20	GLYMOU	6	f	s	e	b	s	14	-	-	-	-	1.10 ( 0.82- 1.47)
Subtotal 20													
*23	JEFFER	9	c	s	c	b	s	16	-	-	-	-	0.69 ( 0.16- 2.94)
Partial Totals								0	0	0	0		
*prospective study													

total

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
6	HOWARD	2	c	t	c	n	n	10	-	-	-	-	1.06 ( 0.64- 1.75)
7	BONITA	4	m	4	t	b	s	4	-	-	-	-	2.10 ( 1.33- 3.32)
7	BONITA	5	f	4	t	b	s	4	-	-	-	-	1.66 ( 1.07- 2.57)
Subtotal 7													
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13 ( 0.19- 6.85)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94 ( 0.57- 1.55)
Subtotal 10													
*13	WHINCU	8	m	c	c	b	s	16	-	-	-	-	1.54 ( 0.68- 3.47)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65 ( 1.17- 2.32)
Partial Totals								0	0	0	0		
*prospective study													

household

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33 ( 0.04- 2.84)
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88 ( 0.22- 16.02)
Subtotal 1													
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97 ( 0.65- 1.46)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24 ( 1.03- 1.49)
Subtotal 5													
9	IRIBAL	1	m	h	c	n	s	11	-	-	-	-	0.25 ( 0.04- 0.82)
9	IRIBAL	9	f	h	c	n	s	11	-	-	-	-	1.23 ( 0.75- 1.96)
Subtotal 9													
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50 ( 0.20- 1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30 ( 0.70- 2.30)
Subtotal 11													
*12	IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02 ( 0.71- 1.48)
*12	IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17 ( 0.92- 1.50)
Subtotal 12													
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31 ( 0.87- 1.99)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57 ( 1.11- 2.24)
Subtotal 14													
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59 ( 1.14- 2.21)
*18	HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90 ( 0.67- 1.21)
Subtotal 18													
*19	HILL2	1	m	h	c	f	v	9	-	-	-	-	1.82 ( 1.20- 2.77)
*19	HILL2	2	f	h	c	f	v	9	-	-	-	-	1.17 ( 0.76- 1.82)
Subtotal 19													
*22	GALLO	2	m	h	c	f	v	5	-	-	-	-	1.10 ( 0.36- 3.37)
*22	GALLO	3	f	h	c	f	v	5	-	-	-	-	0.93 ( 0.49- 1.74)
Subtotal 22													
Partial Totals								0	0	0	0		
*prospective study													

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : e, a, z, y, m, t, x, c, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 20  
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 04-OCT-11  
 By source of exposure - most-adjusted

	spouse	total	household	Total
Relative risks				
N	10	7	18	35
NS	8	5	9	22
Wt	264.54	108.68	451.63	824.86
Het Chi	7.36	7.85	24.45	44.15
Het df	9	6	17	34
Het P	N.S.	N.S.	N.S.	N.S.
Fixed RR	1.18	1.48	1.20	1.23
RRl	1.05	1.23	1.09	1.15
RRu	1.33	1.79	1.32	1.31
P	++	+++	+++	+++
Random RR	1.18	1.46	1.19	1.22
RRl	1.05	1.17	1.05	1.12
RRu	1.33	1.83	1.35	1.33
P	++	+++	++	+++
Asymm P	N.S.	N.S.	N.S.	N.S.
Between Chi		3.98	0.04	4.49
Between df		1	1	2
Between P		+	N.S.	N.S.

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : e, a, z, y, m, t, x, c, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 21  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 04-OCT-11**  
 By continent - most-adjusted

NAmerica

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*5	SANDLE 2	m	h	e	f	v	4	-	-	-	-	0.97	( 0.65- 1.46)
*5	SANDLE 4	f	h	e	f	v	4	-	-	-	-	1.24	( 1.03- 1.49)
Subtotal 5												1.19	( 1.00- 1.41)
6	HOWARD 2	c	t	c	n	n	10	-	-	-	-	1.06	( 0.64- 1.75)
9	IRIBA1 1	m	h	c	n	s	11	-	-	-	-	0.25	( 0.04- 0.82)
9	IRIBA1 9	f	h	c	n	s	11	-	-	-	-	1.23	( 0.75- 1.96)
Subtotal 9												1.06	( 0.67- 1.68)
*12	IRIBA2 27	m	h	c	b	i	10	-	-	-	-	1.02	( 0.71- 1.48)
*12	IRIBA2 39	f	h	c	b	i	10	-	-	-	-	1.17	( 0.92- 1.50)
Subtotal 12												1.12	( 0.92- 1.37)
*15	QURESH 2	f	s	e	b	s	7	-	-	-	-	0.90	( 0.60- 1.30)
*20	GLYMOU 3	m	s	e	b	s	14	-	-	-	-	1.01	( 0.65- 1.57)
*20	GLYMOU 6	f	s	e	b	s	14	-	-	-	-	1.10	( 0.82- 1.47)
Subtotal 20												1.07	( 0.84- 1.37)
Partial Totals								0	0	0	0		
*prospective study													

Europe

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GILLIS 1	m	h	x	f	v	1	-	-	-	-	0.33	( 0.04- 2.84)
*1	GILLIS 2	f	h	x	f	v	1	-	-	-	-	1.88	( 0.22- 16.02)
Subtotal 1												0.78	( 0.17- 3.55)
2	LEE 2	m	s	m	n	s	2	-	-	-	-	0.84	( 0.29- 2.45)
2	LEE 4	f	s	m	n	s	2	-	-	-	-	0.92	( 0.50- 1.68)
Subtotal 2												0.90	( 0.53- 1.52)
*13	WHINCU 8	m	c	c	b	s	16	-	-	-	-	1.54	( 0.68- 3.47)
*22	GALLO 2	m	h	c	f	v	5	-	-	-	-	1.10	( 0.36- 3.37)
*22	GALLO 3	f	h	c	f	v	5	-	-	-	-	0.93	( 0.49- 1.74)
Subtotal 22												0.97	( 0.56- 1.68)
*23	JEFFER 9	c	s	c	b	s	16	-	-	-	-	0.69	( 0.16- 2.94)
Partial Totals								0	0	0	0		
*prospective study													

Asia

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*10	YAMADA 2	m	t	e	f	h	1	-	-	-	-	1.13	( 0.19- 6.85)
*10	YAMADA 1	f	t	e	f	h	1	-	-	-	-	0.94	( 0.57- 1.55)
Subtotal 10												0.95	( 0.59- 1.54)
14	MCGHEE 1	m	h	p	f	s	2	-	-	-	-	1.31	( 0.87- 1.99)
14	MCGHEE 2	f	h	p	f	s	2	-	-	-	-	1.57	( 1.11- 2.24)
Subtotal 14												1.46	( 1.11- 1.90)
*16	ZHANG 6	f	s	e	n	s	14	-	-	-	-	1.27	( 1.05- 1.54)
*17	WEN 1	f	s	m	f	s	9	-	-	-	-	1.33	( 0.96- 1.84)
21	HE 16	f	4	t	n	s	12	-	-	-	-	1.65	( 1.17- 2.32)
Partial Totals								0	0	0	0		
*prospective study													

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c                      4) TP2 : v, s, i, n, 9, h, a, c, t
- 2) TIM : e, a, z, y, m, t, x, c, p                        5) UNX : no exposure to ETS, other definition
- 3) TYP : b, f, n

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

Table 21  
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 04-OCT-11  
 By continent - most-adjusted

Other

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60	( 0.60-	3.90)
7	BONITA	4	m	4	t	b	s	4	-	-	-	-	2.10	( 1.33-	3.32)
7	BONITA	5	f	4	t	b	s	4	-	-	-	-	1.66	( 1.07-	2.57)
Subtotal 7													1.86	( 1.35-	2.55)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70	( 0.98-	2.92)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50	( 0.20-	1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30	( 0.70-	2.30)
Subtotal 11													0.99	( 0.60-	1.63)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59	( 1.14-	2.21)
*18	HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90	( 0.67-	1.21)
Subtotal 18													1.16	( 0.93-	1.44)
*19	HILL2	1	m	h	c	f	v	9	-	-	-	-	1.82	( 1.20-	2.77)
*19	HILL2	2	f	h	c	f	v	9	-	-	-	-	1.17	( 0.76-	1.82)
Subtotal 19													1.47	( 1.09-	1.99)
Partial Totals									0	0	0	0			
*prospective study															

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	10	8	7	10	35
	NS	6	5	5	6	22
	Wt	353.04	35.76	244.01	192.05	824.86
	Het Chi	7.45	2.95	4.48	20.09	44.15
	Het df	9	7	6	9	34
	Het P	N.S.	N.S.	N.S.	*	N.S.
	Fixed RR	1.11	0.99	1.34	1.37	1.23
	RRl	1.00	0.71	1.18	1.19	1.15
	RRu	1.24	1.37	1.52	1.58	1.31
	P	+	N.S.	+++	+++	+++
	Random RR	1.11	0.99	1.34	1.40	1.22
	RRl	1.00	0.71	1.18	1.12	1.12
	RRu	1.24	1.37	1.52	1.75	1.33
	P	+	N.S.	+++	++	+++
	Asymm P	**	N.S.	N.S.	N.S.	N.S.
	Between Chi		0.47	4.88	5.33	9.18
	Between df		1	1	1	3
	Between P		N.S.	+	+	*

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : e, a, z, y, m, t, x, c, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 22  
**ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11**  
 Overall - most-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33	( 0.04- 2.84)
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88	( 0.22- 16.02)
Subtotal 1													0.78	( 0.17- 3.55)
2	LEE	21	m	3	c	n	s	1	-	-	-	-	1.35	( 0.44- 4.12)
2	LEE	22	f	3	c	n	s	1	-	-	-	-	1.19	( 0.57- 2.50)
Subtotal 2													1.24	( 0.67- 2.29)
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60	( 0.60- 3.90)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97	( 0.65- 1.46)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24	( 1.03- 1.49)
Subtotal 5													1.19	( 1.00- 1.41)
6	HOWARD	2	c	t	c	n	n	10	-	-	-	-	1.06	( 0.64- 1.75)
7	BONITA	4	m	4	t	b	s	4	-	-	-	-	2.10	( 1.33- 3.32)
7	BONITA	5	f	4	t	b	s	4	-	-	-	-	1.66	( 1.07- 2.57)
Subtotal 7													1.86	( 1.35- 2.55)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70	( 0.98- 2.92)
9	IRIBA1	7	m	t	c	n	s	11	-	-	-	-	0.27	( 0.11- 0.57)
9	IRIBA1	15	f	t	c	n	s	11	-	-	-	-	0.89	( 0.57- 1.38)
Subtotal 9													0.68	( 0.46- 1.01)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13	( 0.19- 6.85)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94	( 0.57- 1.55)
Subtotal 10													0.95	( 0.59- 1.54)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50	( 0.20- 1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30	( 0.70- 2.30)
Subtotal 11													0.99	( 0.60- 1.63)
*12	IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02	( 0.71- 1.48)
*12	IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17	( 0.92- 1.50)
Subtotal 12													1.12	( 0.92- 1.37)
*13	WHINCU	8	m	c	c	b	s	16	-	-	-	-	1.54	( 0.68- 3.47)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31	( 0.87- 1.99)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57	( 1.11- 2.24)
Subtotal 14													1.46	( 1.11- 1.90)
*15	QURESH	2	f	s	e	b	s	7	-	-	-	-	0.90	( 0.60- 1.30)
*16	ZHANG	22	f	s	c	n	s	14	-	-	-	-	1.44	( 1.20- 1.72)
*17	WEN	16	f	7	e	f	s	9	-	-	-	-	1.64	( 0.91- 2.95)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59	( 1.14- 2.21)
*18	HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90	( 0.67- 1.21)
Subtotal 18													1.16	( 0.93- 1.44)
*19	HILL2	1	m	h	c	f	v	9	-	-	-	-	1.82	( 1.20- 2.77)
*19	HILL2	2	f	h	c	f	v	9	-	-	-	-	1.17	( 0.76- 1.82)
Subtotal 19													1.47	( 1.09- 1.99)
*20	GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63	( 0.83- 2.70)
*20	GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46	( 1.00- 2.18)
Subtotal 20													1.51	( 1.09- 2.09)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65	( 1.17- 2.32)
*22	GALLO	2	m	h	c	f	v	5	-	-	-	-	1.10	( 0.36- 3.37)
*22	GALLO	3	f	h	c	f	v	5	-	-	-	-	0.93	( 0.49- 1.74)
Subtotal 22													0.97	( 0.56- 1.68)
*23	JEFFER	8	c	c	c	b	s	16	-	-	-	-	0.78	( 0.48- 1.26)
Partial Totals									0	0	0	0		
*prospective study														

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

- 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 22  
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11  
 Overall - most-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Ys	Ws	Qs	Ps
*1	GILLIS	1	m	h	x	f	v	1	-1.11	0.85	1.51	0.3080
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.14	0.5639
Subtotal 1									-0.24	1.68	1.65	
2	LEE	21	m	3	c	n	s	1	0.30	3.07	0.02	0.5989
2	LEE	22	f	3	c	n	s	1	0.17	7.03	0.02	0.6446
Subtotal 2									0.21	10.10	0.04	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.26	0.3250
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.55	0.8827
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.02	0.0224
Subtotal 5									0.17	136.18	1.57	
6	HOWARD	2	c	t	c	n	n	10	0.06	15.19	0.43	0.8204
7	BONITA	4	m	4	t	b	s	4	0.74	18.36	4.87	0.0015
7	BONITA	5	f	4	t	b	s	4	0.51	20.01	1.57	0.0234
Subtotal 7									0.62	38.37	6.44	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	1.19	0.0568
9	IRIBA1	7	m	t	c	n	s	11	-1.31	5.68	13.40	0.0018
9	IRIBA1	15	f	t	c	n	s	11	-0.12	19.65	2.32	0.6054
Subtotal 9									-0.38	25.33	15.72	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.01	0.8937
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.28	0.8084
Subtotal 10									-0.05	16.55	1.29	
11	ANDERS	7	m	h	e	b	h	8	-0.69	4.39	3.71	0.1466
11	ANDERS	6	f	h	e	b	h	8	0.26	10.86	0.01	0.3873
Subtotal 11									-0.01	15.24	3.73	
*12	IRIBA2	27	m	h	c	b	i	10	0.02	28.48	1.22	0.9158
*12	IRIBA2	39	f	h	c	b	i	10	0.16	64.30	0.31	0.2080
Subtotal 12									0.11	92.78	1.54	
*13	WHINCU	8	m	c	c	b	s	16	0.43	5.78	0.24	0.2990
14	MCGHEE	1	m	h	p	f	s	2	0.27	22.45	0.04	0.2008
14	MCGHEE	2	f	h	p	f	s	2	0.45	31.17	1.57	0.0118
Subtotal 14									0.38	53.62	1.61	
*15	QURESH	2	f	s	e	b	s	7	-0.11	25.70	2.84	0.5932
*16	ZHANG	22	f	s	c	n	s	14	0.36	118.56	2.25	0.0001
*17	WEN	16	f	7	e	f	s	9	0.49	11.11	0.80	0.0992
*18	HILL1	1	m	h	c	f	v	2	0.46	35.07	1.97	0.0060
*18	HILL1	2	f	h	c	f	v	9	-0.11	43.98	4.86	0.4847
Subtotal 18									0.15	79.04	6.82	
*19	HILL2	1	m	h	c	f	v	9	0.60	21.96	3.04	0.0050
*19	HILL2	2	f	h	c	f	v	9	0.16	20.15	0.10	0.4810
Subtotal 19									0.39	42.11	3.14	
*20	GLYMOU	2	m	s	c	b	s	14	0.49	11.04	0.76	0.1045
*20	GLYMOU	5	f	s	c	b	s	14	0.38	25.30	0.58	0.0570
Subtotal 20									0.41	36.34	1.34	
21	HE	16	f	4	t	n	s	12	0.50	32.79	2.46	0.0041
*22	GALLO	2	m	h	c	f	v	5	0.10	3.07	0.05	0.8673
*22	GALLO	3	f	h	c	f	v	5	-0.07	9.57	0.86	0.8224
Subtotal 22									-0.03	12.64	0.91	
*23	JEFFER	8	c	c	c	b	s	16	-0.25	16.50	3.73	0.3129

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

- 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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



Table 22  
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11  
 Overall - most-adjusted

Relative risks

	N	35
	NS	22
	Wt	802.90
Het	Chi	59.97
Het	df	34
Het	P	**
Fixed	RR	1.25
	RRl	1.17
	RRu	1.34
	P	+++
Random	RR	1.23
	RRl	1.11
	RRu	1.36
	P	+++
Asymm	P	N.S.

---

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

- |                                       |   |
|---------------------------------------|---|
| 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h | 4) TP2 : v, s, i, n, 9, h, a, c, t            |
| 2) TIM : c, x, t, m, y, z, a, e, p    | 5) UNX : no exposure to ETS, other definition |
| 3) TYP : b, f, n                      |   |

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

Table 23  
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11  
Overall - least-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33	( 0.04-	2.84)
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88	( 0.22-	16.02)
Subtotal 1													0.78	( 0.17-	3.55)
2	LEE	21	m	3	c	n	s	1	-	-	-	-	1.35	( 0.44-	4.12)
2	LEE	22	f	3	c	n	s	1	-	-	-	-	1.19	( 0.57-	2.50)
Subtotal 2													1.24	( 0.67-	2.29)
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60	( 0.60-	3.90)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97	( 0.65-	1.46)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24	( 1.03-	1.49)
Subtotal 5													1.19	( 1.00-	1.41)
6	HOWARD	1	c	t	c	n	n	2	-	-	-	-	1.03	( 0.63-	1.67)
7	BONITA	1	m	4	t	b	s	1	-	-	-	-	2.06	( 1.34-	3.17)
7	BONITA	2	f	4	t	b	s	1	-	-	-	-	1.50	( 1.01-	2.21)
Subtotal 7													1.73	( 1.30-	2.31)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70	( 0.98-	2.92)
9	IRIBA1	7	m	t	c	n	s	11	-	-	-	-	0.27	( 0.11-	0.57)
9	IRIBA1	15	f	t	c	n	s	11	-	-	-	-	0.89	( 0.57-	1.38)
Subtotal 9													0.68	( 0.46-	1.01)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13	( 0.19-	6.85)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94	( 0.57-	1.55)
Subtotal 10													0.95	( 0.59-	1.54)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50	( 0.20-	1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30	( 0.70-	2.30)
Subtotal 11													0.99	( 0.60-	1.63)
*12	IRIBA2	3	m	h	c	b	i	1	-	-	-	-	1.12	( 0.78-	1.60)
*12	IRIBA2	15	f	h	c	b	i	1	-	-	-	-	1.23	( 0.97-	1.57)
Subtotal 12													1.19	( 0.98-	1.46)
*13	WHINCU	4	m	c	c	b	s	2	-	-	-	-	0.96	( 0.49-	1.89)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31	( 0.87-	1.99)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57	( 1.11-	2.24)
Subtotal 14													1.46	( 1.11-	1.90)
*15	QURESH	1	f	s	e	b	s	1	-	-	-	-	0.90	( 0.60-	1.40)
*16	ZHANG	33	f	s	c	n	s	1	-	-	-	-	1.46	( 1.23-	1.72)
*17	WEN	16	f	7	e	f	s	9	-	-	-	-	1.64	( 0.91-	2.95)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59	( 1.14-	2.21)
*18	HILL1	3	f	h	c	f	v	2	-	-	-	-	0.88	( 0.66-	1.17)
Subtotal 18													1.13	( 0.91-	1.41)
*19	HILL2	3	m	h	c	f	v	2	-	-	-	-	1.91	( 1.23-	2.96)
*19	HILL2	4	f	h	c	f	v	2	-	-	-	-	1.16	( 0.75-	1.79)
Subtotal 19													1.48	( 1.09-	2.02)
*20	GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63	( 0.83-	2.70)
*20	GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46	( 1.00-	2.18)
Subtotal 20													1.51	( 1.09-	2.09)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65	( 1.17-	2.32)
*22	GALLO	1	c	h	c	f	v	2	-	-	-	-	1.04	( 0.60-	1.80)
*23	JEFFER	4	c	c	c	b	s	2	-	-	-	-	0.78	( 0.48-	1.25)
Partial Totals									0	0	0	0			
*prospective study															

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

- 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 23  
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11  
Overall - least-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Ys	Ws	Qs	Ps
*1	GILLIS	1	m	h	x	f	v	1	-1.11	0.85	1.52	0.3080
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.13	0.5639
Subtotal 1									-0.24	1.68	1.66	
2	LEE	21	m	3	c	n	s	1	0.30	3.07	0.01	0.5989
2	LEE	22	f	3	c	n	s	1	0.17	7.03	0.03	0.6446
Subtotal 2									0.21	10.10	0.04	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.24	0.3250
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.64	0.8827
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.04	0.0224
Subtotal 5									0.17	136.18	1.68	
6	HOWARD	1	c	t	c	n	n	2	0.03	16.17	0.68	0.9054
7	BONITA	1	m	4	t	b	s	1	0.72	20.72	4.95	0.0010
7	BONITA	2	f	4	t	b	s	1	0.41	25.06	0.74	0.0424
Subtotal 7									0.55	45.78	5.69	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	1.13	0.0568
9	IRIBA1	7	m	t	c	n	s	11	-1.31	5.68	13.52	0.0018
9	IRIBA1	15	f	t	c	n	s	11	-0.12	19.65	2.42	0.6054
Subtotal 9									-0.38	25.33	15.94	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.01	0.8937
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.34	0.8084
Subtotal 10									-0.05	16.55	1.36	
11	ANDERS	7	m	h	e	b	h	8	-0.69	4.39	3.77	0.1466
11	ANDERS	6	f	h	e	b	h	8	0.26	10.86	0.01	0.3873
Subtotal 11									-0.01	15.24	3.78	
*12	IRIBA2	3	m	h	c	b	i	1	0.11	29.77	0.43	0.5364
*12	IRIBA2	15	f	h	c	b	i	1	0.21	66.27	0.05	0.0920
Subtotal 12									0.18	96.04	0.48	
*13	WHINCU	4	m	c	c	b	s	2	-0.04	8.43	0.64	0.9056
14	MCGHEE	1	m	h	p	f	s	2	0.27	22.45	0.03	0.2008
14	MCGHEE	2	f	h	p	f	s	2	0.45	31.17	1.47	0.0118
Subtotal 14									0.38	53.62	1.50	
*15	QURESH	1	f	s	e	b	s	1	-0.11	21.40	2.47	0.6259
*16	ZHANG	33	f	s	c	n	s	1	0.38	136.67	2.85	0.0000
*17	WEN	16	f	7	e	f	s	9	0.49	11.11	0.75	0.0992
*18	HILL1	1	m	h	c	f	v	2	0.46	35.07	1.85	0.0060
*18	HILL1	3	f	h	c	f	v	2	-0.13	46.88	6.14	0.3814
Subtotal 18									0.13	81.94	7.99	
*19	HILL2	3	m	h	c	f	v	2	0.65	19.92	3.40	0.0039
*19	HILL2	4	f	h	c	f	v	2	0.15	20.31	0.15	0.5036
Subtotal 19									0.40	40.23	3.55	
*20	GLYMOU	2	m	s	c	b	s	14	0.49	11.04	0.72	0.1045
*20	GLYMOU	5	f	s	c	b	s	14	0.38	25.30	0.53	0.0570
Subtotal 20									0.41	36.34	1.24	
21	HE	16	f	4	t	n	s	12	0.50	32.79	2.33	0.0041
*22	GALLO	1	c	h	c	f	v	2	0.04	12.73	0.48	0.8887
*23	JEFFER	4	c	c	c	b	s	2	-0.25	16.77	3.90	0.3089

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

- 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 23  
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11  
 Overall - least-adjusted

Relative risks

	N	34
	NS	22
	Wt	832.39
Het	Chi	60.38
Het	df	33
Het	P	**
Fixed	RR	1.26
	RRl	1.18
	RRu	1.35
	P	+++
Random	RR	1.23
	RRl	1.11
	RRu	1.36
	P	+++
Asymm	P	N.S.

---

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

- |                                       |   |
|---------------------------------------|---|
| 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h | 4) TP2 : v, s, i, n, 9, h, a, c, t            |
| 2) TIM : c, x, t, m, y, z, a, e, p    | 5) UNX : no exposure to ETS, other definition |
| 3) TYP : b, f, n                      |   |

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

Table 24  
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11  
 By sex - most-adjusted

combined

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60	( 0.60- 3.90)
6	HOWARD	2	c	t	c	n	n	10	-	-	-	-	1.06	( 0.64- 1.75)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70	( 0.98- 2.92)
*23	JEFFER	8	c	c	c	b	s	16	-	-	-	-	0.78	( 0.48- 1.26)
Partial Totals									0	0	0	0		

\*prospective study

male

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33	( 0.04- 2.84)
2	LEE	21	m	3	c	n	s	1	-	-	-	-	1.35	( 0.44- 4.12)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97	( 0.65- 1.46)
7	BONITA	4	m	4	t	b	s	4	-	-	-	-	2.10	( 1.33- 3.32)
9	IRIBA1	7	m	t	c	n	s	11	-	-	-	-	0.27	( 0.11- 0.57)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13	( 0.19- 6.85)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50	( 0.20- 1.30)
*12	IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02	( 0.71- 1.48)
*13	WHINC	8	m	c	c	b	s	16	-	-	-	-	1.54	( 0.68- 3.47)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31	( 0.87- 1.99)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59	( 1.14- 2.21)
*19	HILL2	1	m	h	c	f	v	9	-	-	-	-	1.82	( 1.20- 2.77)
*20	GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63	( 0.83- 2.70)
*22	GALLO	2	m	h	c	f	v	5	-	-	-	-	1.10	( 0.36- 3.37)
Partial Totals									0	0	0	0		

\*prospective study

female

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88	( 0.22- 16.02)
2	LEE	22	f	3	c	n	s	1	-	-	-	-	1.19	( 0.57- 2.50)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24	( 1.03- 1.49)
7	BONITA	5	f	4	t	b	s	4	-	-	-	-	1.66	( 1.07- 2.57)
9	IRIBA1	15	f	t	c	n	s	11	-	-	-	-	0.89	( 0.57- 1.38)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94	( 0.57- 1.55)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30	( 0.70- 2.30)
*12	IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17	( 0.92- 1.50)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57	( 1.11- 2.24)
*15	QURESH	2	f	s	e	b	s	7	-	-	-	-	0.90	( 0.60- 1.30)
*16	ZHANG	22	f	s	c	n	s	14	-	-	-	-	1.44	( 1.20- 1.72)
*17	WEN	16	f	7	e	f	s	9	-	-	-	-	1.64	( 0.91- 2.95)
*18	HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90	( 0.67- 1.21)
*19	HILL2	2	f	h	c	f	v	9	-	-	-	-	1.17	( 0.76- 1.82)
*20	GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46	( 1.00- 2.18)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65	( 1.17- 2.32)
*22	GALLO	3	f	h	c	f	v	5	-	-	-	-	0.93	( 0.49- 1.74)
Partial Totals									0	0	0	0		

\*prospective study

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

- 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 24  
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11  
 By sex - most-adjusted

	combined	male	female	Total
Relative risks				
N	4	14	17	35
NS	4	14	17	35
Wt	48.96	184.85	569.09	802.90
Het Chi	5.01	32.27	21.97	59.97
Het df	3	13	16	34
Het P	N.S.	**	N.S.	**
Fixed RR	1.12	1.29	1.26	1.25
RRl	0.85	1.12	1.16	1.17
RRu	1.49	1.49	1.36	1.34
P	N.S.	+++	+++	+++
Random RR	1.15	1.19	1.24	1.23
RRl	0.79	0.92	1.12	1.11
RRu	1.68	1.54	1.38	1.36
P	N.S.	N.S.	+++	+++
Asymm P	N.S.	N.S.	N.S.	N.S.
Between Chi		0.73	0.56	0.73
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

---

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

- 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h      4) TP2 : v, s, i, n, 9, h, a, c, t
- 2) TIM : c, x, t, m, y, z, a, e, p      5) UNX : no exposure to ETS, other definition
- 3) TYP : b, f, n

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

Table 25  
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11  
 By sex - least-adjusted

combined

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60	( 0.60- 3.90)
6	HOWARD	1	c	t	c	n	n	2	-	-	-	-	1.03	( 0.63- 1.67)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70	( 0.98- 2.92)
*22	GALLO	1	c	h	c	f	v	2	-	-	-	-	1.04	( 0.60- 1.80)
*23	JEFFER	4	c	c	c	b	s	2	-	-	-	-	0.78	( 0.48- 1.25)
Partial Totals									0	0	0	0		

\*prospective study

male

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33	( 0.04- 2.84)
2	LEE	21	m	3	c	n	s	1	-	-	-	-	1.35	( 0.44- 4.12)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97	( 0.65- 1.46)
7	BONITA	1	m	4	t	b	s	1	-	-	-	-	2.06	( 1.34- 3.17)
9	IRIBA1	7	m	t	c	n	s	11	-	-	-	-	0.27	( 0.11- 0.57)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13	( 0.19- 6.85)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50	( 0.20- 1.30)
*12	IRIBA2	3	m	h	c	b	i	1	-	-	-	-	1.12	( 0.78- 1.60)
*13	WHINCU	4	m	c	c	b	s	2	-	-	-	-	0.96	( 0.49- 1.89)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31	( 0.87- 1.99)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59	( 1.14- 2.21)
*19	HILL2	3	m	h	c	f	v	2	-	-	-	-	1.91	( 1.23- 2.96)
*20	GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63	( 0.83- 2.70)
Partial Totals									0	0	0	0		

\*prospective study

female

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
									Case	Cont	Case	Cont		
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88	( 0.22- 16.02)
2	LEE	22	f	3	c	n	s	1	-	-	-	-	1.19	( 0.57- 2.50)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24	( 1.03- 1.49)
7	BONITA	2	f	4	t	b	s	1	-	-	-	-	1.50	( 1.01- 2.21)
9	IRIBA1	15	f	t	c	n	s	11	-	-	-	-	0.89	( 0.57- 1.38)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94	( 0.57- 1.55)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30	( 0.70- 2.30)
*12	IRIBA2	15	f	h	c	b	i	1	-	-	-	-	1.23	( 0.97- 1.57)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57	( 1.11- 2.24)
*15	QURESH	1	f	s	e	b	s	1	-	-	-	-	0.90	( 0.60- 1.40)
*16	ZHANG	33	f	s	c	n	s	1	-	-	-	-	1.46	( 1.23- 1.72)
*17	WEN	16	f	7	e	f	s	9	-	-	-	-	1.64	( 0.91- 2.95)
*18	HILL1	3	f	h	c	f	v	2	-	-	-	-	0.88	( 0.66- 1.17)
*19	HILL2	4	f	h	c	f	v	2	-	-	-	-	1.16	( 0.75- 1.79)
*20	GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46	( 1.00- 2.18)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65	( 1.17- 2.32)
Partial Totals									0	0	0	0		

\*prospective study

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

- 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 25  
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11  
 By sex - least-adjusted

	combined	male	female	Total
Relative risks				
N	5	13	16	34
NS	5	13	16	34
Wt	62.95	186.04	583.40	832.39
Het Chi	5.15	32.42	21.39	60.38
Het df	4	12	15	33
Het P	N.S.	**	N.S.	**
Fixed RR	1.09	1.29	1.27	1.26
RRl	0.86	1.12	1.18	1.18
RRu	1.40	1.49	1.38	1.35
P	N.S.	+++	+++	+++
Random RR	1.11	1.17	1.26	1.23
RRl	0.83	0.90	1.13	1.11
RRu	1.47	1.53	1.40	1.36
P	N.S.	N.S.	+++	+++
Asymm P	N.S.	N.S.	N.S.	N.S.
Between Chi		1.28	1.31	1.42
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

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

- 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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



Table 26  
**ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11**  
 By source of exposure - most-adjusted

spouse

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
4	DONNAN 1	c	s	e	b	c	3	-	-	-	-	1.60	( 0.60- 3.90)
8	YOU 8	c	s	e	n	i	5	-	-	-	-	1.70	( 0.98- 2.92)
*15	QURESH 2	f	s	e	b	s	7	-	-	-	-	0.90	( 0.60- 1.30)
*16	ZHANG 22	f	s	c	n	s	14	-	-	-	-	1.44	( 1.20- 1.72)
*20	GLYMOU 2	m	s	c	b	s	14	-	-	-	-	1.63	( 0.83- 2.70)
*20	GLYMOU 5	f	s	c	b	s	14	-	-	-	-	1.46	( 1.00- 2.18)
Subtotal 20												1.51	( 1.09- 2.09)
Partial Totals								0	0	0	0		

\*prospective study

total

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
2	LEE 21	m	3	c	n	s	1	-	-	-	-	1.35	( 0.44- 4.12)
2	LEE 22	f	3	c	n	s	1	-	-	-	-	1.19	( 0.57- 2.50)
Subtotal 2												1.24	( 0.67- 2.29)
6	HOWARD 2	c	t	c	n	n	10	-	-	-	-	2.10	( 1.33- 3.32)
7	BONITA 4	m	4	t	b	s	4	-	-	-	-	1.66	( 1.07- 2.57)
7	BONITA 5	f	4	t	b	s	4	-	-	-	-	1.86	( 1.35- 2.55)
Subtotal 7												0.27	( 0.11- 0.57)
9	IRIBAI 7	m	t	c	n	s	11	-	-	-	-	0.89	( 0.57- 1.38)
9	IRIBAI 15	f	t	c	n	s	11	-	-	-	-	0.68	( 0.46- 1.01)
Subtotal 9												1.13	( 0.19- 6.85)
*10	YAMADA 2	m	t	e	f	h	1	-	-	-	-	0.94	( 0.57- 1.55)
*10	YAMADA 1	f	t	e	f	h	1	-	-	-	-	0.95	( 0.59- 1.54)
Subtotal 10												1.54	( 0.68- 3.47)
*13	WHINCU 8	m	c	c	b	s	16	-	-	-	-	1.64	( 0.91- 2.95)
*17	WEN 16	f	7	e	f	s	9	-	-	-	-	1.65	( 1.17- 2.32)
21	HE 16	f	4	t	n	s	12	-	-	-	-	0.78	( 0.48- 1.26)
*23	JEFFER 8	c	c	c	b	s	16	-	-	-	-		
Partial Totals								0	0	0	0		

\*prospective study

household

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GILLIS 1	m	h	x	f	v	1	-	-	-	-	0.33	( 0.04- 2.84)
*1	GILLIS 2	f	h	x	f	v	1	-	-	-	-	1.88	( 0.22- 16.02)
Subtotal 1												0.78	( 0.17- 3.55)
*5	SANDLE 2	m	h	e	f	v	4	-	-	-	-	0.97	( 0.65- 1.46)
*5	SANDLE 4	f	h	e	f	v	4	-	-	-	-	1.24	( 1.03- 1.49)
Subtotal 5												1.19	( 1.00- 1.41)
11	ANDERS 7	m	h	e	b	h	8	-	-	-	-	0.50	( 0.20- 1.30)
11	ANDERS 6	f	h	e	b	h	8	-	-	-	-	1.30	( 0.70- 2.30)
Subtotal 11												0.99	( 0.60- 1.63)
*12	IRIBA2 27	m	h	c	b	i	10	-	-	-	-	1.02	( 0.71- 1.48)
*12	IRIBA2 39	f	h	c	b	i	10	-	-	-	-	1.17	( 0.92- 1.50)
Subtotal 12												1.12	( 0.92- 1.37)
14	MCGHEE 1	m	h	p	f	s	2	-	-	-	-	1.31	( 0.87- 1.99)
14	MCGHEE 2	f	h	p	f	s	2	-	-	-	-	1.57	( 1.11- 2.24)
Subtotal 14												1.46	( 1.11- 1.90)
*18	HILL1 1	m	h	c	f	v	2	-	-	-	-	1.59	( 1.14- 2.21)
*18	HILL1 2	f	h	c	f	v	9	-	-	-	-	0.90	( 0.67- 1.21)
Subtotal 18												1.16	( 0.93- 1.44)
*19	HILL2 1	m	h	c	f	v	9	-	-	-	-	1.82	( 1.20- 2.77)
*19	HILL2 2	f	h	c	f	v	9	-	-	-	-	1.17	( 0.76- 1.82)
Subtotal 19												1.47	( 1.09- 1.99)
*22	GALLO 2	m	h	c	f	v	5	-	-	-	-	1.10	( 0.36- 3.37)
*22	GALLO 3	f	h	c	f	v	5	-	-	-	-	0.93	( 0.49- 1.74)
Subtotal 22												0.97	( 0.56- 1.68)
Partial Totals								0	0	0	0		

\*prospective study

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

- 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 26  
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11  
 By source of exposure - most-adjusted

	spouse	total	household	Total
Relative risks				
N	6	13	16	35
NS	5	9	8	22
Wt	197.88	171.72	433.29	802.90
Het Chi	5.95	31.11	20.28	59.97
Het df	5	12	15	34
Het P	N.S.	**	N.S.	**
Fixed RR	1.38	1.24	1.21	1.25
RRl	1.20	1.07	1.10	1.17
RRu	1.59	1.44	1.33	1.34
P	+++	++	+++	+++
Random RR	1.37	1.17	1.20	1.23
RRl	1.16	0.90	1.06	1.11
RRu	1.63	1.52	1.36	1.36
P	+++	N.S.	++	+++
Asymm P	N.S.	N.S.	N.S.	N.S.
Between Chi		1.16	2.58	2.63
Between df		1	1	2
Between P		N.S.	N.S.	N.S.

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

- 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 27  
**ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11**  
 By continent - most-adjusted

NAmerica

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*5	SANDLE 2	m	h	e	f	v	4	-	-	-	-	0.97 ( 0.65- 1.46)	
*5	SANDLE 4	f	h	e	f	v	4	-	-	-	-	1.24 ( 1.03- 1.49)	
Subtotal 5												1.19 ( 1.00- 1.41)	
6	HOWARD 2	c	t	c	n	n	10	-	-	-	-	1.06 ( 0.64- 1.75)	
9	IRIBA1 7	m	t	c	n	s	11	-	-	-	-	0.27 ( 0.11- 0.57)	
9	IRIBA1 15	f	t	c	n	s	11	-	-	-	-	0.89 ( 0.57- 1.38)	
Subtotal 9												0.68 ( 0.46- 1.01)	
*12	IRIBA2 27	m	h	c	b	i	10	-	-	-	-	1.02 ( 0.71- 1.48)	
*12	IRIBA2 39	f	h	c	b	i	10	-	-	-	-	1.17 ( 0.92- 1.50)	
Subtotal 12												1.12 ( 0.92- 1.37)	
*15	QURESH 2	f	s	e	b	s	7	-	-	-	-	0.90 ( 0.60- 1.30)	
*20	GLYMOU 2	m	s	c	b	s	14	-	-	-	-	1.63 ( 0.83- 2.70)	
*20	GLYMOU 5	f	s	c	b	s	14	-	-	-	-	1.46 ( 1.00- 2.18)	
Subtotal 20												1.51 ( 1.09- 2.09)	
Partial Totals								0	0	0	0		
*prospective study													

Europe

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*1	GILLIS 1	m	h	x	f	v	1	-	-	-	-	0.33 ( 0.04- 2.84)	
*1	GILLIS 2	f	h	x	f	v	1	-	-	-	-	1.88 ( 0.22- 16.02)	
Subtotal 1												0.78 ( 0.17- 3.55)	
2	LEE 21	m	3	c	n	s	1	-	-	-	-	1.35 ( 0.44- 4.12)	
2	LEE 22	f	3	c	n	s	1	-	-	-	-	1.19 ( 0.57- 2.50)	
Subtotal 2												1.24 ( 0.67- 2.29)	
*13	WHINCU 8	m	c	c	b	s	16	-	-	-	-	1.54 ( 0.68- 3.47)	
*22	GALLO 2	m	h	c	f	v	5	-	-	-	-	1.10 ( 0.36- 3.37)	
*22	GALLO 3	f	h	c	f	v	5	-	-	-	-	0.93 ( 0.49- 1.74)	
Subtotal 22												0.97 ( 0.56- 1.68)	
*23	JEFFER 8	c	c	c	b	s	16	-	-	-	-	0.78 ( 0.48- 1.26)	
Partial Totals								0	0	0	0		
*prospective study													

Asia

StN Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI
								Case	Cont	Case	Cont		
*10	YAMADA 2	m	t	e	f	h	1	-	-	-	-	1.13 ( 0.19- 6.85)	
*10	YAMADA 1	f	t	e	f	h	1	-	-	-	-	0.94 ( 0.57- 1.55)	
Subtotal 10												0.95 ( 0.59- 1.54)	
14	MCGHEE 1	m	h	p	f	s	2	-	-	-	-	1.31 ( 0.87- 1.99)	
14	MCGHEE 2	f	h	p	f	s	2	-	-	-	-	1.57 ( 1.11- 2.24)	
Subtotal 14												1.46 ( 1.11- 1.90)	
*16	ZHANG 22	f	s	c	n	s	14	-	-	-	-	1.44 ( 1.20- 1.72)	
*17	WEN 16	f	7	e	f	s	9	-	-	-	-	1.64 ( 0.91- 2.95)	
21	HE 16	f	4	t	n	s	12	-	-	-	-	1.65 ( 1.17- 2.32)	
Partial Totals								0	0	0	0		
*prospective study													

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

- 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 27  
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11  
 By continent - most-adjusted

Other

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Number Exposed		Non-exposed		RR	95.00%CI	
									Case	Cont	Case	Cont			
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60	( 0.60-	3.90)
7	BONITA	4	m	4	t	b	s	4	-	-	-	-	2.10	( 1.33-	3.32)
7	BONITA	5	f	4	t	b	s	4	-	-	-	-	1.66	( 1.07-	2.57)
Subtotal 7													1.86	( 1.35-	2.55)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70	( 0.98-	2.92)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50	( 0.20-	1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30	( 0.70-	2.30)
Subtotal 11													0.99	( 0.60-	1.63)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59	( 1.14-	2.21)
*18	HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90	( 0.67-	1.21)
Subtotal 18													1.16	( 0.93-	1.44)
*19	HILL2	1	m	h	c	f	v	9	-	-	-	-	1.82	( 1.20-	2.77)
*19	HILL2	2	f	h	c	f	v	9	-	-	-	-	1.17	( 0.76-	1.82)
Subtotal 19													1.47	( 1.09-	1.99)
Partial Totals									0	0	0	0			
*prospective study															

		NAmerica	Europe	Asia	Other	Total
Relative risks						
	N	10	8	7	10	35
	NS	6	5	5	6	22
	Wt	331.53	46.71	232.62	192.05	802.90
	Het Chi	19.16	4.04	4.09	20.09	59.97
	Het df	9	7	6	9	34
	Het P	*	N.S.	N.S.	*	**
	Fixed RR	1.12	0.99	1.44	1.37	1.25
	RRl	1.01	0.75	1.26	1.19	1.17
	RRu	1.25	1.32	1.63	1.58	1.34
	P	+	N.S.	+++	+++	+++
	Random RR	1.07	0.99	1.44	1.40	1.23
	RRl	0.89	0.75	1.26	1.12	1.11
	RRu	1.27	1.32	1.63	1.75	1.36
	P	N.S.	N.S.	+++	++	+++
	Asymm P	N.S.	N.S.	N.S.	N.S.	N.S.
	Between Chi		0.58	8.52	4.92	12.59
	Between df		1	1	1	3
	Between P		N.S.	++	+	**

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

- 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 28  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11**  
 Excluding studies of silent cerebral infarction or transient ischaemic attack  
 Overall - most-adjusted

Overall								Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Case	Cont	Case		
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33 ( 0.04- 2.84)
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88 ( 0.22- 16.02)
Subtotal 1													
2	LEE	2	m	s	m	n	s	2	-	-	-	-	0.84 ( 0.29- 2.45)
2	LEE	4	f	s	m	n	s	2	-	-	-	-	0.92 ( 0.50- 1.68)
Subtotal 2													
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60 ( 0.60- 3.90)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97 ( 0.65- 1.46)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24 ( 1.03- 1.49)
Subtotal 5													
7	BONITA	4	m	4	t	b	s	4	-	-	-	-	2.10 ( 1.33- 3.32)
7	BONITA	5	f	4	t	b	s	4	-	-	-	-	1.66 ( 1.07- 2.57)
Subtotal 7													
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70 ( 0.98- 2.92)
9	IRIBA1	1	m	h	c	n	s	11	-	-	-	-	0.25 ( 0.04- 0.82)
9	IRIBA1	9	f	h	c	n	s	11	-	-	-	-	1.23 ( 0.75- 1.96)
Subtotal 9													
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13 ( 0.19- 6.85)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94 ( 0.57- 1.55)
Subtotal 10													
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50 ( 0.20- 1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30 ( 0.70- 2.30)
Subtotal 11													
*12	IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02 ( 0.71- 1.48)
*12	IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17 ( 0.92- 1.50)
Subtotal 12													
*13	WHINCU	8	m	c	c	b	s	16	-	-	-	-	1.54 ( 0.68- 3.47)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31 ( 0.87- 1.99)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57 ( 1.11- 2.24)
Subtotal 14													
*15	QURESH	2	f	s	e	b	s	7	-	-	-	-	0.90 ( 0.60- 1.30)
*16	ZHANG	22	f	s	c	n	s	14	-	-	-	-	1.44 ( 1.20- 1.72)
*17	WEN	2	f	s	c	f	s	9	-	-	-	-	1.52 ( 1.08- 2.15)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59 ( 1.14- 2.21)
*18	HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90 ( 0.67- 1.21)
Subtotal 18													
*19	HILL2	1	m	h	c	f	v	9	-	-	-	-	1.16 ( 0.93- 1.44)
*19	HILL2	2	f	h	c	f	v	9	-	-	-	-	1.82 ( 1.20- 2.77)
Subtotal 19													
*20	GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63 ( 0.83- 2.70)
*20	GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46 ( 1.00- 2.18)
Subtotal 20													
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65 ( 1.17- 2.32)
*22	GALLO	2	m	h	c	f	v	5	-	-	-	-	1.10 ( 0.36- 3.37)
*22	GALLO	3	f	h	c	f	v	5	-	-	-	-	0.93 ( 0.49- 1.74)
Subtotal 22													
*23	JEFFER	9	c	s	c	b	s	16	-	-	-	-	0.97 ( 0.56- 1.68)
Partial Totals									0	0	0	0	0.69 ( 0.16- 2.94)
*prospective study													

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 28  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11**  
 Excluding studies of silent cerebral infarction or transient ischaemic attack  
 Overall - most-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Ys	Ws	Qs	Ps
*1	GILLIS	1	m	h	x	f	v	1	-1.11	0.85	1.57	0.3080
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.12	0.5639
Subtotal 1									-0.24	1.68	1.69	
2	LEE	2	m	s	m	n	s	2	-0.17	3.37	0.62	0.7488
2	LEE	4	f	s	m	n	s	2	-0.08	10.46	1.18	0.7874
Subtotal 2									-0.11	13.84	1.80	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.21	0.3250
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.88	0.8827
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.16	0.0224
Subtotal 5									0.17	136.18	2.05	
7	BONITA	4	m	4	t	b	s	4	0.74	18.36	4.39	0.0015
7	BONITA	5	f	4	t	b	s	4	0.51	20.01	1.29	0.0234
Subtotal 7									0.62	38.37	5.68	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	0.99	0.0568
9	IRIBA1	1	m	h	c	n	s	11	-1.39	1.68	4.53	0.0720
9	IRIBA1	9	f	h	c	n	s	11	0.21	16.65	0.04	0.3983
Subtotal 9									0.06	18.34	4.56	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.02	0.8937
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.52	0.8084
Subtotal 10									-0.05	16.55	1.54	
11	ANDERS	7	m	h	e	b	h	8	-0.69	4.39	3.93	0.1466
11	ANDERS	6	f	h	e	b	h	8	0.26	10.86	0.00	0.3873
Subtotal 11									-0.01	15.24	3.93	
*12	IRIBA2	27	m	h	c	b	i	10	0.02	28.48	1.55	0.9158
*12	IRIBA2	39	f	h	c	b	i	10	0.16	64.30	0.59	0.2080
Subtotal 12									0.11	92.78	2.14	
*13	WHINCU	8	m	c	c	b	s	16	0.43	5.78	0.19	0.2990
14	MCGHEE	1	m	h	p	f	s	2	0.27	22.45	0.01	0.2008
14	MCGHEE	2	f	h	p	f	s	2	0.45	31.17	1.22	0.0118
Subtotal 14									0.38	53.62	1.23	
*15	QURESH	2	f	s	e	b	s	7	-0.11	25.70	3.30	0.5932
*16	ZHANG	22	f	s	c	n	s	14	0.36	118.56	1.48	0.0001
*17	WEN	2	f	s	c	f	s	9	0.42	32.41	0.89	0.0171
*18	HILL1	1	m	h	c	f	v	2	0.46	35.07	1.56	0.0060
*18	HILL1	2	f	h	c	f	v	9	-0.11	43.98	5.65	0.4847
Subtotal 18									0.15	79.04	7.20	
*19	HILL2	1	m	h	c	f	v	9	0.60	21.96	2.63	0.0050
*19	HILL2	2	f	h	c	f	v	9	0.16	20.15	0.19	0.4810
Subtotal 19									0.39	42.11	2.81	
*20	GLYMOU	2	m	s	c	b	s	14	0.49	11.04	0.61	0.1045
*20	GLYMOU	5	f	s	c	b	s	14	0.38	25.30	0.40	0.0570
Subtotal 20									0.41	36.34	1.01	
21	HE	16	f	4	t	n	s	12	0.50	32.79	2.01	0.0041
*22	GALLO	2	m	h	c	f	v	5	0.10	3.07	0.08	0.8673
*22	GALLO	3	f	h	c	f	v	5	-0.07	9.57	1.01	0.8224
Subtotal 22									-0.03	12.64	1.09	
*23	JEFFER	9	c	s	c	b	s	16	-0.37	1.81	0.71	0.6173

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 28  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 Excluding studies of silent cerebral infarction or transient ischaemic attack  
 Overall - most-adjusted

Relative risks

	N	34
	NS	21
	Wt	791.08
Het	Chi	46.51
Het	df	33
Het	P	(*)
Fixed	RR	1.29
	RRl	1.20
	RRu	1.38
	P	+++
Random	RR	1.28
	RRl	1.16
	RRu	1.40
	P	+++
Asymm	P	N.S.

---

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

- |                                       |   |
|---------------------------------------|---|
| 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c | 4) TP2 : v, s, i, n, 9, h, a, c, t            |
| 2) TIM : c, x, t, m, y, z, a, e, p    | 5) UNX : no exposure to ETS, other definition |
| 3) TYP : b, f, n                      |   |

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

Table 29  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11**  
 Excluding studies of silent cerebral infarction or transient ischaemic attack  
 Overall - least-adjusted

Overall								Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Case	Cont	Case		
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33 ( 0.04- 2.84)
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88 ( 0.22- 16.02)
Subtotal 1													0.78 ( 0.17- 3.55)
2	LEE	2	m	s	m	n	s	2	-	-	-	-	0.84 ( 0.29- 2.45)
2	LEE	4	f	s	m	n	s	2	-	-	-	-	0.92 ( 0.50- 1.68)
Subtotal 2													0.90 ( 0.53- 1.52)
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60 ( 0.60- 3.90)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97 ( 0.65- 1.46)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24 ( 1.03- 1.49)
Subtotal 5													1.19 ( 1.00- 1.41)
7	BONITA	1	m	4	t	b	s	1	-	-	-	-	2.06 ( 1.34- 3.17)
7	BONITA	2	f	4	t	b	s	1	-	-	-	-	1.50 ( 1.01- 2.21)
Subtotal 7													1.73 ( 1.30- 2.31)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70 ( 0.98- 2.92)
9	IRIBA1	1	m	h	c	n	s	11	-	-	-	-	0.25 ( 0.04- 0.82)
9	IRIBA1	9	f	h	c	n	s	11	-	-	-	-	1.23 ( 0.75- 1.96)
Subtotal 9													1.06 ( 0.67- 1.68)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13 ( 0.19- 6.85)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94 ( 0.57- 1.55)
Subtotal 10													0.95 ( 0.59- 1.54)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50 ( 0.20- 1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30 ( 0.70- 2.30)
Subtotal 11													0.99 ( 0.60- 1.63)
*12	IRIBA2	3	m	h	c	b	i	1	-	-	-	-	1.12 ( 0.78- 1.60)
*12	IRIBA2	15	f	h	c	b	i	1	-	-	-	-	1.23 ( 0.97- 1.57)
Subtotal 12													1.19 ( 0.98- 1.46)
*13	WHINCU	4	m	c	c	b	s	2	-	-	-	-	0.96 ( 0.49- 1.89)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31 ( 0.87- 1.99)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57 ( 1.11- 2.24)
Subtotal 14													1.46 ( 1.11- 1.90)
*15	QURESH	1	f	s	e	b	s	1	-	-	-	-	0.90 ( 0.60- 1.40)
*16	ZHANG	33	f	s	c	n	s	1	-	-	-	-	1.46 ( 1.23- 1.72)
*17	WEN	2	f	s	c	f	s	9	-	-	-	-	1.52 ( 1.08- 2.15)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59 ( 1.14- 2.21)
*18	HILL1	3	f	h	c	f	v	2	-	-	-	-	0.88 ( 0.66- 1.17)
Subtotal 18													1.13 ( 0.91- 1.41)
*19	HILL2	3	m	h	c	f	v	2	-	-	-	-	1.91 ( 1.23- 2.96)
*19	HILL2	4	f	h	c	f	v	2	-	-	-	-	1.16 ( 0.75- 1.79)
Subtotal 19													1.48 ( 1.09- 2.02)
*20	GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63 ( 0.83- 2.70)
*20	GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46 ( 1.00- 2.18)
Subtotal 20													1.51 ( 1.09- 2.09)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65 ( 1.17- 2.32)
*22	GALLO	1	c	h	c	f	v	2	-	-	-	-	1.04 ( 0.60- 1.80)
*23	JEFFER	9	c	s	c	b	s	16	-	-	-	-	0.69 ( 0.16- 2.94)
Partial Totals									0	0	0	0	
*prospective study													

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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



Table 29  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11**  
 Excluding studies of silent cerebral infarction or transient ischaemic attack  
 Overall - least-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Ys	Ws	Qs	Ps
*1	GILLIS	1	m	h	x	f	v	1	-1.11	0.85	1.58	0.3080
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.12	0.5639
Subtotal 1									-0.24	1.68	1.70	
2	LEE	2	m	s	m	n	s	2	-0.17	3.37	0.64	0.7488
2	LEE	4	f	s	m	n	s	2	-0.08	10.46	1.23	0.7874
Subtotal 2									-0.11	13.84	1.87	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.19	0.3250
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.98	0.8827
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.23	0.0224
Subtotal 5									0.17	136.18	2.21	
7	BONITA	1	m	4	t	b	s	1	0.72	20.72	4.43	0.0010
7	BONITA	2	f	4	t	b	s	1	0.41	25.06	0.53	0.0424
Subtotal 7									0.55	45.78	4.96	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	0.94	0.0568
9	IRIBA1	1	m	h	c	n	s	11	-1.39	1.68	4.57	0.0720
9	IRIBA1	9	f	h	c	n	s	11	0.21	16.65	0.05	0.3983
Subtotal 9									0.06	18.34	4.61	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.02	0.8937
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.59	0.8084
Subtotal 10									-0.05	16.55	1.61	
11	ANDERS	7	m	h	e	b	h	8	-0.69	4.39	3.99	0.1466
11	ANDERS	6	f	h	e	b	h	8	0.26	10.86	0.00	0.3873
Subtotal 11									-0.01	15.24	3.99	
*12	IRIBA2	3	m	h	c	b	i	1	0.11	29.77	0.64	0.5364
*12	IRIBA2	15	f	h	c	b	i	1	0.21	66.27	0.19	0.0920
Subtotal 12									0.18	96.04	0.83	
*13	WHINCU	4	m	c	c	b	s	2	-0.04	8.43	0.76	0.9056
14	MCGHEE	1	m	h	p	f	s	2	0.27	22.45	0.00	0.2008
14	MCGHEE	2	f	h	p	f	s	2	0.45	31.17	1.14	0.0118
Subtotal 14									0.38	53.62	1.14	
*15	QURESH	1	f	s	e	b	s	1	-0.11	21.40	2.86	0.6259
*16	ZHANG	33	f	s	c	n	s	1	0.38	136.67	1.91	0.0000
*17	WEN	2	f	s	c	f	s	9	0.42	32.41	0.82	0.0171
*18	HILL1	1	m	h	c	f	v	2	0.46	35.07	1.45	0.0060
*18	HILL1	3	f	h	c	f	v	2	-0.13	46.88	7.06	0.3814
Subtotal 18									0.13	81.94	8.51	
*19	HILL2	3	m	h	c	f	v	2	0.65	19.92	2.98	0.0039
*19	HILL2	4	f	h	c	f	v	2	0.15	20.31	0.25	0.5036
Subtotal 19									0.40	40.23	3.24	
*20	GLYMOU	2	m	s	c	b	s	14	0.49	11.04	0.58	0.1045
*20	GLYMOU	5	f	s	c	b	s	14	0.38	25.30	0.35	0.0570
Subtotal 20									0.41	36.34	0.93	
21	HE	16	f	4	t	n	s	12	0.50	32.79	1.90	0.0041
*22	GALLO	1	c	h	c	f	v	2	0.04	12.73	0.62	0.8887
*23	JEFFER	9	c	s	c	b	s	16	-0.37	1.81	0.72	0.6173

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 29  
ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11  
 Excluding studies of silent cerebral infarction or transient ischaemic attack  
 Overall - least-adjusted

Relative risks

	N	33
	NS	21
	Wt	819.31
Het	Chi	46.33
Het	df	32
Het	P	*
Fixed	RR	1.30
	RRl	1.21
	RRu	1.39
	P	+++
Random	RR	1.28
	RRl	1.17
	RRu	1.40
	P	+++
Asymm	P	(*)

---

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

- |                                       |   |
|---------------------------------------|---|
| 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c | 4) TP2 : v, s, i, n, 9, h, a, c, t            |
| 2) TIM : c, x, t, m, y, z, a, e, p    | 5) UNX : no exposure to ETS, other definition |
| 3) TYP : b, f, n                      |   |

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

Table 30  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 04-OCT-11**  
 Excluding studies of silent cerebral infarction or transient ischaemic attack  
 Overall - most-adjusted

Overall								Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Case	Cont	Case		
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33 ( 0.04- 2.84)
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88 ( 0.22- 16.02)
Subtotal 1													
2	LEE	2	m	s	m	n	s	2	-	-	-	-	0.84 ( 0.29- 2.45)
2	LEE	4	f	s	m	n	s	2	-	-	-	-	0.92 ( 0.50- 1.68)
Subtotal 2													
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60 ( 0.60- 3.90)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97 ( 0.65- 1.46)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24 ( 1.03- 1.49)
Subtotal 5													
7	BONITA	4	m	4	t	b	s	4	-	-	-	-	2.10 ( 1.33- 3.32)
7	BONITA	5	f	4	t	b	s	4	-	-	-	-	1.66 ( 1.07- 2.57)
Subtotal 7													
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70 ( 0.98- 2.92)
9	IRIBA1	1	m	h	c	n	s	11	-	-	-	-	0.25 ( 0.04- 0.82)
9	IRIBA1	9	f	h	c	n	s	11	-	-	-	-	1.23 ( 0.75- 1.96)
Subtotal 9													
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13 ( 0.19- 6.85)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94 ( 0.57- 1.55)
Subtotal 10													
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50 ( 0.20- 1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30 ( 0.70- 2.30)
Subtotal 11													
*12	IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02 ( 0.71- 1.48)
*12	IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17 ( 0.92- 1.50)
Subtotal 12													
*13	WHINCU	8	m	c	c	b	s	16	-	-	-	-	1.54 ( 0.68- 3.47)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31 ( 0.87- 1.99)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57 ( 1.11- 2.24)
Subtotal 14													
*15	QURESH	2	f	s	e	b	s	7	-	-	-	-	0.90 ( 0.60- 1.30)
*16	ZHANG	6	f	s	e	n	s	14	-	-	-	-	1.27 ( 1.05- 1.54)
*17	WEN	1	f	s	m	f	s	9	-	-	-	-	1.33 ( 0.96- 1.84)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59 ( 1.14- 2.21)
*18	HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90 ( 0.67- 1.21)
Subtotal 18													
*19	HILL2	1	m	h	c	f	v	9	-	-	-	-	1.16 ( 0.93- 1.44)
*19	HILL2	2	f	h	c	f	v	9	-	-	-	-	1.82 ( 1.20- 2.77)
Subtotal 19													
*20	GLYMOU	3	m	s	e	b	s	14	-	-	-	-	1.01 ( 0.65- 1.57)
*20	GLYMOU	6	f	s	e	b	s	14	-	-	-	-	1.10 ( 0.82- 1.47)
Subtotal 20													
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65 ( 1.17- 2.32)
*22	GALLO	2	m	h	c	f	v	5	-	-	-	-	1.10 ( 0.36- 3.37)
*22	GALLO	3	f	h	c	f	v	5	-	-	-	-	0.93 ( 0.49- 1.74)
Subtotal 22													
*23	JEFFER	9	c	s	c	b	s	16	-	-	-	-	0.97 ( 0.56- 1.68)
Partial Totals								0	0	0	0	0.69 ( 0.16- 2.94)	
*prospective study													

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : e, a, z, y, m, t, x, c, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 30  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 04-OCT-11**  
 Excluding studies of silent cerebral infarction or transient ischaemic attack  
 Overall - most-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Ys	Ws	Qs	Ps
*1	GILLIS	1	m	h	x	f	v	1	-1.11	0.85	1.47	0.3080
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.15	0.5639
Subtotal 1									-0.24	1.68	1.62	
2	LEE	2	m	s	m	n	s	2	-0.17	3.37	0.49	0.7488
2	LEE	4	f	s	m	n	s	2	-0.08	10.46	0.89	0.7874
Subtotal 2									-0.11	13.84	1.38	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.30	0.3250
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.33	0.8827
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.01	0.0224
Subtotal 5									0.17	136.18	1.34	
7	BONITA	4	m	4	t	b	s	4	0.74	18.36	5.24	0.0015
7	BONITA	5	f	4	t	b	s	4	0.51	20.01	1.79	0.0234
Subtotal 7									0.62	38.37	7.03	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	1.34	0.0568
9	IRIBA1	1	m	h	c	n	s	11	-1.39	1.68	4.28	0.0720
9	IRIBA1	9	f	h	c	n	s	11	0.21	16.65	0.00	0.3983
Subtotal 9									0.06	18.34	4.28	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.01	0.8937
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.12	0.8084
Subtotal 10									-0.05	16.55	1.12	
11	ANDERS	7	m	h	e	b	h	8	-0.69	4.39	3.56	0.1466
11	ANDERS	6	f	h	e	b	h	8	0.26	10.86	0.03	0.3873
Subtotal 11									-0.01	15.24	3.59	
*12	IRIBA2	27	m	h	c	b	i	10	0.02	28.48	1.01	0.9158
*12	IRIBA2	39	f	h	c	b	i	10	0.16	64.30	0.17	0.2080
Subtotal 12									0.11	92.78	1.17	
*13	WHINCU	8	m	c	c	b	s	16	0.43	5.78	0.29	0.2990
14	MCGHEE	1	m	h	p	f	s	2	0.27	22.45	0.09	0.2008
14	MCGHEE	2	f	h	p	f	s	2	0.45	31.17	1.85	0.0118
Subtotal 14									0.38	53.62	1.93	
*15	QURESH	2	f	s	e	b	s	7	-0.11	25.70	2.52	0.5932
*16	ZHANG	6	f	s	e	n	s	14	0.24	104.76	0.10	0.0144
*17	WEN	1	f	s	m	f	s	9	0.29	36.30	0.22	0.0857
*18	HILL1	1	m	h	c	f	v	2	0.46	35.07	2.30	0.0060
*18	HILL1	2	f	h	c	f	v	9	-0.11	43.98	4.31	0.4847
Subtotal 18									0.15	79.04	6.61	
*19	HILL2	1	m	h	c	f	v	9	0.60	21.96	3.36	0.0050
*19	HILL2	2	f	h	c	f	v	9	0.16	20.15	0.05	0.4810
Subtotal 19									0.39	42.11	3.41	
*20	GLYMOU	3	m	s	e	b	s	14	0.01	19.76	0.77	0.9647
*20	GLYMOU	6	f	s	e	b	s	14	0.10	45.10	0.57	0.5221
Subtotal 20									0.07	64.86	1.34	
21	HE	16	f	4	t	n	s	12	0.50	32.79	2.82	0.0041
*22	GALLO	2	m	h	c	f	v	5	0.10	3.07	0.04	0.8673
*22	GALLO	3	f	h	c	f	v	5	-0.07	9.57	0.75	0.8224
Subtotal 22									-0.03	12.64	0.79	
*23	JEFFER	9	c	s	c	b	s	16	-0.37	1.81	0.61	0.6173

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : e, a, z, y, m, t, x, c, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 30  
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 04-OCT-11  
 Excluding studies of silent cerebral infarction or transient ischaemic attack  
 Overall - most-adjusted

Relative risks

	N	34
	NS	21
	Wt	809.67
Het	Chi	43.82
Het	df	33
Het	P	(*)
Fixed	RR	1.23
	RRl	1.15
	RRu	1.32
	P	+++
Random	RR	1.23
	RRl	1.12
	RRu	1.34
	P	+++
Asymm	P	N.S.

---

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

- |                                       |   |
|---------------------------------------|---|
| 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c | 4) TP2 : v, s, i, n, 9, h, a, c, t            |
| 2) TIM : e, a, z, y, m, t, x, c, p    | 5) UNX : no exposure to ETS, other definition |
| 3) TYP : b, f, n                      |   |

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

Table 31  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 04-OCT-11**  
 Excluding studies of silent cerebral infarction or transient ischaemic attack  
 Overall - least-adjusted

Overall								Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Case	Cont	Case		
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33 ( 0.04- 2.84)
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88 ( 0.22- 16.02)
Subtotal 1													
2	LEE	2	m	s	m	n	s	2	-	-	-	-	0.84 ( 0.29- 2.45)
2	LEE	4	f	s	m	n	s	2	-	-	-	-	0.92 ( 0.50- 1.68)
Subtotal 2													
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60 ( 0.60- 3.90)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97 ( 0.65- 1.46)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24 ( 1.03- 1.49)
Subtotal 5													
7	BONITA	1	m	4	t	b	s	1	-	-	-	-	2.06 ( 1.34- 3.17)
7	BONITA	2	f	4	t	b	s	1	-	-	-	-	1.50 ( 1.01- 2.21)
Subtotal 7													
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70 ( 0.98- 2.92)
9	IRIBA1	1	m	h	c	n	s	11	-	-	-	-	0.25 ( 0.04- 0.82)
9	IRIBA1	9	f	h	c	n	s	11	-	-	-	-	1.23 ( 0.75- 1.96)
Subtotal 9													
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13 ( 0.19- 6.85)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94 ( 0.57- 1.55)
Subtotal 10													
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50 ( 0.20- 1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30 ( 0.70- 2.30)
Subtotal 11													
*12	IRIBA2	3	m	h	c	b	i	1	-	-	-	-	1.12 ( 0.78- 1.60)
*12	IRIBA2	15	f	h	c	b	i	1	-	-	-	-	1.23 ( 0.97- 1.57)
Subtotal 12													
*13	WHINCU	4	m	c	c	b	s	2	-	-	-	-	0.96 ( 0.49- 1.89)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31 ( 0.87- 1.99)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57 ( 1.11- 2.24)
Subtotal 14													
*15	QURESH	1	f	s	e	b	s	1	-	-	-	-	0.90 ( 0.60- 1.40)
*16	ZHANG	25	f	s	e	n	s	1	-	-	-	-	1.35 ( 1.13- 1.62)
*17	WEN	1	f	s	m	f	s	9	-	-	-	-	1.33 ( 0.96- 1.84)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59 ( 1.14- 2.21)
*18	HILL1	3	f	h	c	f	v	2	-	-	-	-	0.88 ( 0.66- 1.17)
Subtotal 18													
*19	HILL2	3	m	h	c	f	v	2	-	-	-	-	1.13 ( 0.91- 1.41)
*19	HILL2	4	f	h	c	f	v	2	-	-	-	-	1.91 ( 1.23- 2.96)
Subtotal 19													
*20	GLYMOU	3	m	s	e	b	s	14	-	-	-	-	1.16 ( 0.75- 1.79)
*20	GLYMOU	6	f	s	e	b	s	14	-	-	-	-	1.48 ( 1.09- 2.02)
Subtotal 20													
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.01 ( 0.65- 1.57)
*22	GALLO	1	c	h	c	f	v	2	-	-	-	-	1.10 ( 0.82- 1.47)
*23	JEFFER	9	c	s	c	b	s	16	-	-	-	-	1.07 ( 0.84- 1.37)
Partial Totals									0	0	0	0	1.65 ( 1.17- 2.32)
*prospective study													1.04 ( 0.60- 1.80)
													0.69 ( 0.16- 2.94)

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : e, a, z, y, m, t, x, c, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 31  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 04-OCT-11**  
 Excluding studies of silent cerebral infarction or transient ischaemic attack  
 Overall - least-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Ys	Ws	Qs	Ps
*1	GILLIS	1	m	h	x	f	v	1	-1.11	0.85	1.49	0.3080
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.14	0.5639
Subtotal 1									-0.24	1.68	1.63	
2	LEE	2	m	s	m	n	s	2	-0.17	3.37	0.52	0.7488
2	LEE	4	f	s	m	n	s	2	-0.08	10.46	0.96	0.7874
Subtotal 2									-0.11	13.84	1.49	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.27	0.3250
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.47	0.8827
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.00	0.0224
Subtotal 5									0.17	136.18	1.47	
7	BONITA	1	m	4	t	b	s	1	0.72	20.72	5.24	0.0010
7	BONITA	2	f	4	t	b	s	1	0.41	25.06	0.86	0.0424
Subtotal 7									0.55	45.78	6.10	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	1.24	0.0568
9	IRIBA1	1	m	h	c	n	s	11	-1.39	1.68	4.35	0.0720
9	IRIBA1	9	f	h	c	n	s	11	0.21	16.65	0.00	0.3983
Subtotal 9									0.06	18.34	4.35	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.01	0.8937
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.22	0.8084
Subtotal 10									-0.05	16.55	1.23	
11	ANDERS	7	m	h	e	b	h	8	-0.69	4.39	3.66	0.1466
11	ANDERS	6	f	h	e	b	h	8	0.26	10.86	0.02	0.3873
Subtotal 11									-0.01	15.24	3.68	
*12	IRIBA2	3	m	h	c	b	i	1	0.11	29.77	0.34	0.5364
*12	IRIBA2	15	f	h	c	b	i	1	0.21	66.27	0.01	0.0920
Subtotal 12									0.18	96.04	0.35	
*13	WHINCU	4	m	c	c	b	s	2	-0.04	8.43	0.57	0.9056
14	MCGHEE	1	m	h	p	f	s	2	0.27	22.45	0.06	0.2008
14	MCGHEE	2	f	h	p	f	s	2	0.45	31.17	1.67	0.0118
Subtotal 14									0.38	53.62	1.72	
*15	QURESH	1	f	s	e	b	s	1	-0.11	21.40	2.26	0.6259
*16	ZHANG	25	f	s	e	n	s	1	0.30	118.43	0.76	0.0011
*17	WEN	1	f	s	m	f	s	9	0.29	36.30	0.15	0.0857
*18	HILL1	1	m	h	c	f	v	2	0.46	35.07	2.09	0.0060
*18	HILL1	3	f	h	c	f	v	2	-0.13	46.88	5.67	0.3814
Subtotal 18									0.13	81.94	7.75	
*19	HILL2	3	m	h	c	f	v	2	0.65	19.92	3.64	0.0039
*19	HILL2	4	f	h	c	f	v	2	0.15	20.31	0.10	0.5036
Subtotal 19									0.40	40.23	3.74	
*20	GLYMOU	3	m	s	e	b	s	14	0.01	19.76	0.87	0.9647
*20	GLYMOU	6	f	s	e	b	s	14	0.10	45.10	0.70	0.5221
Subtotal 20									0.07	64.86	1.57	
21	HE	16	f	4	t	n	s	12	0.50	32.79	2.59	0.0041
*22	GALLO	1	c	h	c	f	v	2	0.04	12.73	0.42	0.8887
*23	JEFFER	9	c	s	c	b	s	16	-0.37	1.81	0.63	0.6173

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : e, a, z, y, m, t, x, c, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 31  
ETS and Stroke - Meta-Analysis of Spouse Exposure Ever (or nearest equivalent), 04-OCT-11  
 Excluding studies of silent cerebral infarction or transient ischaemic attack  
 Overall - least-adjusted

Relative risks

	N	33
	NS	21
	Wt	833.47
	Het Chi	44.00
	Het df	32
	Het P	(*)
Fixed	RR	1.25
	RRl	1.16
	RRu	1.33
	P	+++
Random	RR	1.23
	RRl	1.13
	RRu	1.35
	P	+++
Asymm	P	N.S.

---

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

- |                                       |   |
|---------------------------------------|---|
| 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c | 4) TP2 : v, s, i, n, 9, h, a, c, t            |
| 2) TIM : e, a, z, y, m, t, x, c, p    | 5) UNX : no exposure to ETS, other definition |
| 3) TYP : b, f, n                      |   |

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



Table 32  
**ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11**  
 Excluding studies of silent cerebral infarction or transient ischaemic attack  
 Overall - most-adjusted

Overall								Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Case	Cont	Case		
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33 ( 0.04- 2.84)
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88 ( 0.22- 16.02)
Subtotal 1													0.78 ( 0.17- 3.55)
2	LEE	21	m	3	c	n	s	1	-	-	-	-	1.35 ( 0.44- 4.12)
2	LEE	22	f	3	c	n	s	1	-	-	-	-	1.19 ( 0.57- 2.50)
Subtotal 2													1.24 ( 0.67- 2.29)
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60 ( 0.60- 3.90)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97 ( 0.65- 1.46)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24 ( 1.03- 1.49)
Subtotal 5													1.19 ( 1.00- 1.41)
7	BONITA	4	m	4	t	b	s	4	-	-	-	-	2.10 ( 1.33- 3.32)
7	BONITA	5	f	4	t	b	s	4	-	-	-	-	1.66 ( 1.07- 2.57)
Subtotal 7													1.86 ( 1.35- 2.55)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70 ( 0.98- 2.92)
9	IRIBA1	7	m	t	c	n	s	11	-	-	-	-	0.27 ( 0.11- 0.57)
9	IRIBA1	15	f	t	c	n	s	11	-	-	-	-	0.89 ( 0.57- 1.38)
Subtotal 9													0.68 ( 0.46- 1.01)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13 ( 0.19- 6.85)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94 ( 0.57- 1.55)
Subtotal 10													0.95 ( 0.59- 1.54)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50 ( 0.20- 1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30 ( 0.70- 2.30)
Subtotal 11													0.99 ( 0.60- 1.63)
*12	IRIBA2	27	m	h	c	b	i	10	-	-	-	-	1.02 ( 0.71- 1.48)
*12	IRIBA2	39	f	h	c	b	i	10	-	-	-	-	1.17 ( 0.92- 1.50)
Subtotal 12													1.12 ( 0.92- 1.37)
*13	WHINCU	8	m	c	c	b	s	16	-	-	-	-	1.54 ( 0.68- 3.47)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31 ( 0.87- 1.99)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57 ( 1.11- 2.24)
Subtotal 14													1.46 ( 1.11- 1.90)
*15	QURESH	2	f	s	e	b	s	7	-	-	-	-	0.90 ( 0.60- 1.30)
*16	ZHANG	22	f	s	c	n	s	14	-	-	-	-	1.44 ( 1.20- 1.72)
*17	WEN	16	f	7	e	f	s	9	-	-	-	-	1.64 ( 0.91- 2.95)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59 ( 1.14- 2.21)
*18	HILL1	2	f	h	c	f	v	9	-	-	-	-	0.90 ( 0.67- 1.21)
Subtotal 18													1.16 ( 0.93- 1.44)
*19	HILL2	1	m	h	c	f	v	9	-	-	-	-	1.82 ( 1.20- 2.77)
*19	HILL2	2	f	h	c	f	v	9	-	-	-	-	1.17 ( 0.76- 1.82)
Subtotal 19													1.47 ( 1.09- 1.99)
*20	GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63 ( 0.83- 2.70)
*20	GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46 ( 1.00- 2.18)
Subtotal 20													1.51 ( 1.09- 2.09)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65 ( 1.17- 2.32)
*22	GALLO	2	m	h	c	f	v	5	-	-	-	-	1.10 ( 0.36- 3.37)
*22	GALLO	3	f	h	c	f	v	5	-	-	-	-	0.93 ( 0.49- 1.74)
Subtotal 22													0.97 ( 0.56- 1.68)
*23	JEFFER	8	c	c	c	b	s	16	-	-	-	-	0.78 ( 0.48- 1.26)
Partial Totals									0	0	0	0	
*prospective study													

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

- 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 32  
**ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11**  
 Excluding studies of silent cerebral infarction or transient ischaemic attack  
 Overall - most-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Ys	Ws	Qs	Ps
*1	GILLIS	1	m	h	x	f	v	1	-1.11	0.85	1.52	0.3080
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.13	0.5639
Subtotal 1									-0.24	1.68	1.65	
2	LEE	21	m	3	c	n	s	1	0.30	3.07	0.02	0.5989
2	LEE	22	f	3	c	n	s	1	0.17	7.03	0.02	0.6446
Subtotal 2									0.21	10.10	0.04	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.25	0.3250
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.59	0.8827
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.03	0.0224
Subtotal 5									0.17	136.18	1.62	
7	BONITA	4	m	4	t	b	s	4	0.74	18.36	4.81	0.0015
7	BONITA	5	f	4	t	b	s	4	0.51	20.01	1.53	0.0234
Subtotal 7									0.62	38.37	6.34	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	1.16	0.0568
9	IRIBA1	7	m	t	c	n	s	11	-1.31	5.68	13.46	0.0018
9	IRIBA1	15	f	t	c	n	s	11	-0.12	19.65	2.36	0.6054
Subtotal 9									-0.38	25.33	15.82	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.01	0.8937
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.31	0.8084
Subtotal 10									-0.05	16.55	1.32	
11	ANDERS	7	m	h	e	b	h	8	-0.69	4.39	3.74	0.1466
11	ANDERS	6	f	h	e	b	h	8	0.26	10.86	0.01	0.3873
Subtotal 11									-0.01	15.24	3.75	
*12	IRIBA2	27	m	h	c	b	i	10	0.02	28.48	1.26	0.9158
*12	IRIBA2	39	f	h	c	b	i	10	0.16	64.30	0.34	0.2080
Subtotal 12									0.11	92.78	1.61	
*13	WHINCU	8	m	c	c	b	s	16	0.43	5.78	0.24	0.2990
14	MCGHEE	1	m	h	p	f	s	2	0.27	22.45	0.04	0.2008
14	MCGHEE	2	f	h	p	f	s	2	0.45	31.17	1.52	0.0118
Subtotal 14									0.38	53.62	1.56	
*15	QURESH	2	f	s	e	b	s	7	-0.11	25.70	2.89	0.5932
*16	ZHANG	22	f	s	c	n	s	14	0.36	118.56	2.14	0.0001
*17	WEN	16	f	7	e	f	s	9	0.49	11.11	0.78	0.0992
*18	HILL1	1	m	h	c	f	v	2	0.46	35.07	1.91	0.0060
*18	HILL1	2	f	h	c	f	v	9	-0.11	43.98	4.95	0.4847
Subtotal 18									0.15	79.04	6.86	
*19	HILL2	1	m	h	c	f	v	9	0.60	21.96	2.98	0.0050
*19	HILL2	2	f	h	c	f	v	9	0.16	20.15	0.11	0.4810
Subtotal 19									0.39	42.11	3.09	
*20	GLYMOU	2	m	s	c	b	s	14	0.49	11.04	0.74	0.1045
*20	GLYMOU	5	f	s	c	b	s	14	0.38	25.30	0.56	0.0570
Subtotal 20									0.41	36.34	1.29	
21	HE	16	f	4	t	n	s	12	0.50	32.79	2.40	0.0041
*22	GALLO	2	m	h	c	f	v	5	0.10	3.07	0.06	0.8673
*22	GALLO	3	f	h	c	f	v	5	-0.07	9.57	0.88	0.8224
Subtotal 22									-0.03	12.64	0.93	
*23	JEFFER	8	c	c	c	b	s	16	-0.25	16.50	3.78	0.3129

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

- 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 32  
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11  
 Excluding studies of silent cerebral infarction or transient ischaemic attack  
 Overall - most-adjusted

Relative risks

	N	34
	NS	21
	Wt	787.72
Het	Chi	59.53
Het	df	33
Het	P	**
Fixed	RR	1.26
	RRl	1.17
	RRu	1.35
	P	+++
Random	RR	1.24
	RRl	1.11
	RRu	1.37
	P	+++
Asymm	P	N.S.

---

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

- |                                       |   |
|---------------------------------------|---|
| 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h | 4) TP2 : v, s, i, n, 9, h, a, c, t            |
| 2) TIM : c, x, t, m, y, z, a, e, p    | 5) UNX : no exposure to ETS, other definition |
| 3) TYP : b, f, n                      |   |

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

Table 33  
**ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11**  
 Excluding studies of silent cerebral infarction or transient ischaemic attack  
 Overall - least-adjusted

Overall								Number Exposed		Non-exposed		RR	95.00%CI
StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Case	Cont	Case		
*1	GILLIS	1	m	h	x	f	v	1	-	-	-	-	0.33 ( 0.04- 2.84)
*1	GILLIS	2	f	h	x	f	v	1	-	-	-	-	1.88 ( 0.22- 16.02)
Subtotal 1													0.78 ( 0.17- 3.55)
2	LEE	21	m	3	c	n	s	1	-	-	-	-	1.35 ( 0.44- 4.12)
2	LEE	22	f	3	c	n	s	1	-	-	-	-	1.19 ( 0.57- 2.50)
Subtotal 2													1.24 ( 0.67- 2.29)
4	DONNAN	1	c	s	e	b	c	3	-	-	-	-	1.60 ( 0.60- 3.90)
*5	SANDLE	2	m	h	e	f	v	4	-	-	-	-	0.97 ( 0.65- 1.46)
*5	SANDLE	4	f	h	e	f	v	4	-	-	-	-	1.24 ( 1.03- 1.49)
Subtotal 5													1.19 ( 1.00- 1.41)
7	BONITA	1	m	4	t	b	s	1	-	-	-	-	2.06 ( 1.34- 3.17)
7	BONITA	2	f	4	t	b	s	1	-	-	-	-	1.50 ( 1.01- 2.21)
Subtotal 7													1.73 ( 1.30- 2.31)
8	YOU	8	c	s	e	n	i	5	-	-	-	-	1.70 ( 0.98- 2.92)
9	IRIBA1	7	m	t	c	n	s	11	-	-	-	-	0.27 ( 0.11- 0.57)
9	IRIBA1	15	f	t	c	n	s	11	-	-	-	-	0.89 ( 0.57- 1.38)
Subtotal 9													0.68 ( 0.46- 1.01)
*10	YAMADA	2	m	t	e	f	h	1	-	-	-	-	1.13 ( 0.19- 6.85)
*10	YAMADA	1	f	t	e	f	h	1	-	-	-	-	0.94 ( 0.57- 1.55)
Subtotal 10													0.95 ( 0.59- 1.54)
11	ANDERS	7	m	h	e	b	h	8	-	-	-	-	0.50 ( 0.20- 1.30)
11	ANDERS	6	f	h	e	b	h	8	-	-	-	-	1.30 ( 0.70- 2.30)
Subtotal 11													0.99 ( 0.60- 1.63)
*12	IRIBA2	3	m	h	c	b	i	1	-	-	-	-	1.12 ( 0.78- 1.60)
*12	IRIBA2	15	f	h	c	b	i	1	-	-	-	-	1.23 ( 0.97- 1.57)
Subtotal 12													1.19 ( 0.98- 1.46)
*13	WHINCU	4	m	c	c	b	s	2	-	-	-	-	0.96 ( 0.49- 1.89)
14	MCGHEE	1	m	h	p	f	s	2	-	-	-	-	1.31 ( 0.87- 1.99)
14	MCGHEE	2	f	h	p	f	s	2	-	-	-	-	1.57 ( 1.11- 2.24)
Subtotal 14													1.46 ( 1.11- 1.90)
*15	QURESH	1	f	s	e	b	s	1	-	-	-	-	0.90 ( 0.60- 1.40)
*16	ZHANG	33	f	s	c	n	s	1	-	-	-	-	1.46 ( 1.23- 1.72)
*17	WEN	16	f	7	e	f	s	9	-	-	-	-	1.64 ( 0.91- 2.95)
*18	HILL1	1	m	h	c	f	v	2	-	-	-	-	1.59 ( 1.14- 2.21)
*18	HILL1	3	f	h	c	f	v	2	-	-	-	-	0.88 ( 0.66- 1.17)
Subtotal 18													1.13 ( 0.91- 1.41)
*19	HILL2	3	m	h	c	f	v	2	-	-	-	-	1.91 ( 1.23- 2.96)
*19	HILL2	4	f	h	c	f	v	2	-	-	-	-	1.16 ( 0.75- 1.79)
Subtotal 19													1.48 ( 1.09- 2.02)
*20	GLYMOU	2	m	s	c	b	s	14	-	-	-	-	1.63 ( 0.83- 2.70)
*20	GLYMOU	5	f	s	c	b	s	14	-	-	-	-	1.46 ( 1.00- 2.18)
Subtotal 20													1.51 ( 1.09- 2.09)
21	HE	16	f	4	t	n	s	12	-	-	-	-	1.65 ( 1.17- 2.32)
*22	GALLO	1	c	h	c	f	v	2	-	-	-	-	1.04 ( 0.60- 1.80)
*23	JEFFER	4	c	c	c	b	s	2	-	-	-	-	0.78 ( 0.48- 1.25)
Partial Totals									0	0	0	0	

\*prospective study

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

- 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 33  
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11  
 Excluding studies of silent cerebral infarction or transient ischaemic attack  
 Overall - least-adjusted

Overall

StN	Ref	NRR	SEX	EXP	TIM	TYP	TY2	ADJ	Ys	Ws	Qs	Ps
*1	GILLIS	1	m	h	x	f	v	1	-1.11	0.85	1.53	0.3080
*1	GILLIS	2	f	h	x	f	v	1	0.63	0.84	0.13	0.5639
Subtotal 1									-0.24	1.68	1.66	
2	LEE	21	m	3	c	n	s	1	0.30	3.07	0.01	0.5989
2	LEE	22	f	3	c	n	s	1	0.17	7.03	0.03	0.6446
Subtotal 2									0.21	10.10	0.04	
4	DONNAN	1	c	s	e	b	c	3	0.47	4.39	0.24	0.3250
*5	SANDLE	2	m	h	e	f	v	4	-0.03	23.47	1.69	0.8827
*5	SANDLE	4	f	h	e	f	v	4	0.22	112.72	0.06	0.0224
Subtotal 5									0.17	136.18	1.75	
7	BONITA	1	m	4	t	b	s	1	0.72	20.72	4.87	0.0010
7	BONITA	2	f	4	t	b	s	1	0.41	25.06	0.70	0.0424
Subtotal 7									0.55	45.78	5.57	
8	YOU	8	c	s	e	n	i	5	0.53	12.89	1.10	0.0568
9	IRIBA1	7	m	t	c	n	s	11	-1.31	5.68	13.59	0.0018
9	IRIBA1	15	f	t	c	n	s	11	-0.12	19.65	2.47	0.6054
Subtotal 9									-0.38	25.33	16.07	
*10	YAMADA	2	m	t	e	f	h	1	0.12	1.20	0.02	0.8937
*10	YAMADA	1	f	t	e	f	h	1	-0.06	15.35	1.38	0.8084
Subtotal 10									-0.05	16.55	1.40	
11	ANDERS	7	m	h	e	b	h	8	-0.69	4.39	3.80	0.1466
11	ANDERS	6	f	h	e	b	h	8	0.26	10.86	0.01	0.3873
Subtotal 11									-0.01	15.24	3.81	
*12	IRIBA2	3	m	h	c	b	i	1	0.11	29.77	0.46	0.5364
*12	IRIBA2	15	f	h	c	b	i	1	0.21	66.27	0.06	0.0920
Subtotal 12									0.18	96.04	0.53	
*13	WHINCU	4	m	c	c	b	s	2	-0.04	8.43	0.66	0.9056
14	MCGHEE	1	m	h	p	f	s	2	0.27	22.45	0.02	0.2008
14	MCGHEE	2	f	h	p	f	s	2	0.45	31.17	1.41	0.0118
Subtotal 14									0.38	53.62	1.44	
*15	QURESH	1	f	s	e	b	s	1	-0.11	21.40	2.52	0.6259
*16	ZHANG	33	f	s	c	n	s	1	0.38	136.67	2.69	0.0000
*17	WEN	16	f	7	e	f	s	9	0.49	11.11	0.73	0.0992
*18	HILL1	1	m	h	c	f	v	2	0.46	35.07	1.79	0.0060
*18	HILL1	3	f	h	c	f	v	2	-0.13	46.88	6.28	0.3814
Subtotal 18									0.13	81.94	8.06	
*19	HILL2	3	m	h	c	f	v	2	0.65	19.92	3.33	0.0039
*19	HILL2	4	f	h	c	f	v	2	0.15	20.31	0.16	0.5036
Subtotal 19									0.40	40.23	3.50	
*20	GLYMOU	2	m	s	c	b	s	14	0.49	11.04	0.69	0.1045
*20	GLYMOU	5	f	s	c	b	s	14	0.38	25.30	0.50	0.0570
Subtotal 20									0.41	36.34	1.19	
21	HE	16	f	4	t	n	s	12	0.50	32.79	2.26	0.0041
*22	GALLO	1	c	h	c	f	v	2	0.04	12.73	0.50	0.8887
*23	JEFFER	4	c	c	c	b	s	2	-0.25	16.77	3.97	0.3089

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

- 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) UNX : no exposure to ETS, other definition

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

Table 33  
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11  
 Excluding studies of silent cerebral infarction or transient ischaemic attack  
 Overall - least-adjusted

Relative risks

	N	33
	NS	21
	Wt	816.23
Het	Chi	59.69
Het	df	32
Het	P	**
Fixed	RR	1.27
	RRl	1.18
	RRu	1.36
	P	+++
Random	RR	1.24
	RRl	1.11
	RRu	1.37
	P	+++
Asymm	P	N.S.

---

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

- |                                       |   |
|---------------------------------------|---|
| 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h | 4) TP2 : v, s, i, n, 9, h, a, c, t            |
| 2) TIM : c, x, t, m, y, z, a, e, p    | 5) UNX : no exposure to ETS, other definition |
| 3) TYP : b, f, n                      |   |

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

Table 34  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11**  
 High dose  
 Overall - most-adjusted

Overall

StN	Ref	NRR	SEX	EXP	MEASLOWEXP	HIEXP	ADJ	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
2	LEE	12	m	3	l 5	12	1	-	-	-	-	1.77	( 0.41- 7.61)
2	LEE	14	f	3	l 5	12	1	-	-	-	-	2.44	( 0.90- 6.58)
Subtotal 2												2.20	( 0.97- 5.01)
8	YOU	12	c	s	n 21	999	5	-	-	-	-	1.91	( 0.94- 3.88)
9	IRIBA1	10	f	h	h 40	999	11	-	-	-	-	1.40	( 0.53- 3.04)
*12	IRIBA2	26	m	h	h 20	999	10	-	-	-	-	1.29	( 0.75- 2.20)
*12	IRIBA2	38	f	h	h 20	999	10	-	-	-	-	1.50	( 1.07- 2.09)
Subtotal 12												1.44	( 1.08- 1.91)
*13	WHINCU	7	m	c	c 3	14	16	-	-	-	-	2.16	( 0.80- 5.80)
14	MCGHEE	4	c	h	p 2	999	2	-	-	-	-	2.08	( 1.33- 3.25)
*16	ZHANG	12	f	s	n 20	999	14	-	-	-	-	1.62	( 1.28- 2.05)
*17	WEN	6	f	s	k 18	999	9	-	-	-	-	1.36	( 0.94- 1.96)
21	HE	19	f	4	n 20	999	12	-	-	-	-	1.83	( 1.15- 3.37)
*23	JEFFER	7	c	c	c 7	150	16	-	-	-	-	0.81	( 0.33- 1.99)
Partial Totals								0	0	0	0		
*prospective study													

StN	Ref	NRR	SEX	EXP	MEASLOWEXP	HIEXP	ADJ	Ys	Ws	Qs	Ps
2	LEE	12	m	3	l 5	12	1	0.57	1.80	0.02	0.4435
2	LEE	14	f	3	l 5	12	1	0.89	3.88	0.72	0.0788
Subtotal 2								0.79	5.68	0.74	
8	YOU	12	c	s	n 21	999	5	0.65	7.65	0.26	0.0736
9	IRIBA1	10	f	h	h 40	999	11	0.34	5.04	0.08	0.4502
*12	IRIBA2	26	m	h	h 20	999	10	0.25	13.27	0.57	0.3536
*12	IRIBA2	38	f	h	h 20	999	10	0.41	34.28	0.11	0.0176
Subtotal 12								0.36	47.55	0.68	
*13	WHINCU	7	m	c	c 3	14	16	0.77	3.92	0.37	0.1275
14	MCGHEE	4	c	h	p 2	999	2	0.73	19.25	1.40	0.0013
*16	ZHANG	12	f	s	n 20	999	14	0.48	69.27	0.03	0.0001
*17	WEN	6	f	s	k 18	999	9	0.31	28.46	0.68	0.1009
21	HE	19	f	4	n 20	999	12	0.60	13.29	0.27	0.0276
*23	JEFFER	7	c	c	c 7	150	16	-0.21	4.76	2.16	0.6457

Relative risks

N	12
NS	10
Wt	204.86
Het Chi	6.67
Het df	11
Het P	N.S.
Fixed RR	1.59
RRl	1.38
RRu	1.82
P	+++
Random RR	1.59
RRl	1.38
RRu	1.82
P	+++
Asymm P	N.S.

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) MEAS: n, y, k, x, l, p, h, 8, 9, t, c, u, v, w, z, d
- 6) Dose: Maximum value available

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

Table 35  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11**  
 High dose  
 Overall - least-adjusted

Overall

StN	Ref	NRR	SEX	EXP	MEASLOWEXP	HIEXP	ADJ	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
2	LEE	12	m	3	l 5	12	1	-	-	-	-	1.77	( 0.41- 7.61)
2	LEE	14	f	3	l 5	12	1	-	-	-	-	2.44	( 0.90- 6.58)
Subtotal 2													
8	YOU	12	c	s	n 21	999	5	-	-	-	-	1.91	( 0.94- 3.88)
9	IRIBA1	10	f	h	h 40	999	11	-	-	-	-	1.40	( 0.53- 3.04)
*12	IRIBA2	2	m	h	h 20	999	1	-	-	-	-	1.45	( 0.86- 2.44)
*12	IRIBA2	14	f	h	h 20	999	1	-	-	-	-	1.55	( 1.12- 2.15)
Subtotal 12													
*13	WHINCU	3	m	c	c 3	14	2	-	-	-	-	1.25	( 0.54- 2.89)
14	MCGHEE	4	c	h	p 2	999	2	-	-	-	-	2.08	( 1.33- 3.25)
*16	ZHANG	28	f	s	n 20	999	1	-	-	-	-	1.62	( 1.30- 2.02)
*17	WEN	6	f	s	k 18	999	9	-	-	-	-	1.36	( 0.94- 1.96)
21	HE	19	f	4	n 20	999	12	-	-	-	-	1.83	( 1.15- 3.37)
*23	JEFFER	3	c	c	c 7	150	2	-	-	-	-	0.86	( 0.36- 2.07)
Partial Totals								0	0	0	0		

\*prospective study

StN	Ref	NRR	SEX	EXP	MEASLOWEXP	HIEXP	ADJ	Ys	Ws	Qs	Ps
2	LEE	12	m	3	l 5	12	1	0.57	1.80	0.02	0.4435
2	LEE	14	f	3	l 5	12	1	0.89	3.88	0.71	0.0788
Subtotal 2											
8	YOU	12	c	s	n 21	999	5	0.65	7.65	0.26	0.0736
9	IRIBA1	10	f	h	h 40	999	11	0.34	5.04	0.08	0.4502
*12	IRIBA2	2	m	h	h 20	999	1	0.37	14.13	0.12	0.1625
*12	IRIBA2	14	f	h	h 20	999	1	0.44	36.13	0.02	0.0084
Subtotal 12											
*13	WHINCU	3	m	c	c 3	14	2	0.22	5.46	0.32	0.6021
14	MCGHEE	4	c	h	p 2	999	2	0.73	19.25	1.39	0.0013
*16	ZHANG	28	f	s	n 20	999	1	0.48	79.11	0.03	0.0000
*17	WEN	6	f	s	k 18	999	9	0.31	28.46	0.70	0.1009
21	HE	19	f	4	n 20	999	12	0.60	13.29	0.26	0.0276
*23	JEFFER	3	c	c	c 7	150	2	-0.15	5.02	1.90	0.7354

Relative risks

N 12  
 NS 10

Wt 219.21  
 Het Chi 5.80  
 Het df 11  
 Het P N.S.  
 Fixed RR 1.59  
 RRl 1.39  
 RRu 1.82  
 P +++  
 Random RR 1.59  
 RRl 1.39  
 RRu 1.82  
 P +++  
 Asymm P N.S.

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c      4) TP2 : v, s, i, n, 9, h, a, c, t
- 2) TIM : c, x, t, m, y, z, a, e, p      5) MEAS: n, y, k, x, l, p, h, 8, 9, t, c, u, v, w, z, d
- 3) TYP : b, f, n      6) Dose: Maximum value available

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



Table 36  
ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11  
 High dose  
 Overall - most-adjusted

Overall

StN	Ref	NRR	SEX	EXP	MEASLOWEXP	HIEXP	ADJ	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
2	LEE	12	m	3	l 5	12	1	-	-	-	-	1.77	( 0.41- 7.61)
2	LEE	14	f	3	l 5	12	1	-	-	-	-	2.44	( 0.90- 6.58)
Subtotal 2													
8	YOU	12	c	s	n 21	999	5	-	-	-	-	1.91	( 0.94- 3.88)
9	IRIBA1	8	m	t	h 40	999	11	-	-	-	-	0.45	( 0.10- 1.32)
9	IRIBA1	16	f	t	h 40	999	11	-	-	-	-	0.52	( 0.21- 1.12)
Subtotal 9													
*12	IRIBA2	26	m	h	h 20	999	10	-	-	-	-	1.29	( 0.75- 2.20)
*12	IRIBA2	38	f	h	h 20	999	10	-	-	-	-	1.50	( 1.07- 2.09)
Subtotal 12													
*13	WHINC	7	m	c	c 3	14	16	-	-	-	-	2.16	( 0.80- 5.80)
14	MCGHEE	4	c	h	p 2	999	2	-	-	-	-	2.08	( 1.33- 3.25)
*16	ZHANG	12	f	s	n 20	999	14	-	-	-	-	1.62	( 1.28- 2.05)
*17	WEN	6	f	s	k 18	999	9	-	-	-	-	1.36	( 0.94- 1.96)
21	HE	19	f	4	n 20	999	12	-	-	-	-	1.83	( 1.15- 3.37)
*23	JEFFER	7	c	c	c 7	150	16	-	-	-	-	0.81	( 0.33- 1.99)
Partial Totals								0	0	0	0		
*prospective study													

StN	Ref	NRR	SEX	EXP	MEASLOWEXP	HIEXP	ADJ	Ys	Ws	Qs	Ps
2	LEE	12	m	3	l 5	12	1	0.57	1.80	0.04	0.4435
2	LEE	14	f	3	l 5	12	1	0.89	3.88	0.86	0.0788
Subtotal 2											
8	YOU	12	c	s	n 21	999	5	0.65	7.65	0.39	0.0736
9	IRIBA1	8	m	t	h 40	999	11	-0.80	2.31	3.44	0.2251
9	IRIBA1	16	f	t	h 40	999	11	-0.65	5.48	6.35	0.1257
Subtotal 9											
*12	IRIBA2	26	m	h	h 20	999	10	0.25	13.27	0.37	0.3536
*12	IRIBA2	38	f	h	h 20	999	10	0.41	34.28	0.01	0.0176
Subtotal 12											
*13	WHINC	7	m	c	c 3	14	16	0.77	3.92	0.47	0.1275
14	MCGHEE	4	c	h	p 2	999	2	0.73	19.25	1.85	0.0013
*16	ZHANG	12	f	s	n 20	999	14	0.48	69.27	0.25	0.0001
*17	WEN	6	f	s	k 18	999	9	0.31	28.46	0.37	0.1009
21	HE	19	f	4	n 20	999	12	0.60	13.29	0.44	0.0276
*23	JEFFER	7	c	c	c 7	150	16	-0.21	4.76	1.90	0.6457

Relative risks

N	13
NS	10
Wt	207.61
Het Chi	16.75
Het df	12
Het P	N.S.
Fixed RR	1.52
RR1	1.33
RRu	1.75
P	+++
Random RR	1.49
RR1	1.24
RRu	1.79
P	+++
Asymm P	N.S.

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

- 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) MEAS: n, y, k, x, l, p, h, 8, 9, t, c, u, v, w, z, d
- 6) Dose: Maximum value available

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

Table 37  
**ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11**  
 High dose  
 Overall - least-adjusted

Overall

StN	Ref	NRR	SEX	EXP	MEASLOWEXP	HIEXP	ADJ	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
2	LEE	12	m	3	l 5	12	1	-	-	-	-	1.77 (	0.41- 7.61)
2	LEE	14	f	3	l 5	12	1	-	-	-	-	2.44 (	0.90- 6.58)
Subtotal 2													
8	YOU	12	c	s	n 21	999	5	-	-	-	-	1.91 (	0.94- 3.88)
9	IRIBA1	8	m	t	h 40	999	11	-	-	-	-	0.45 (	0.10- 1.32)
9	IRIBA1	16	f	t	h 40	999	11	-	-	-	-	0.52 (	0.21- 1.12)
Subtotal 9													
*12	IRIBA2	2	m	h	h 20	999	1	-	-	-	-	1.45 (	0.86- 2.44)
*12	IRIBA2	14	f	h	h 20	999	1	-	-	-	-	1.55 (	1.12- 2.15)
Subtotal 12													
*13	WHINCUCU	3	m	c	c 3	14	2	-	-	-	-	1.25 (	0.54- 2.89)
14	MCGHEE	4	c	h	p 2	999	2	-	-	-	-	2.08 (	1.33- 3.25)
*16	ZHANG	28	f	s	n 20	999	1	-	-	-	-	1.62 (	1.30- 2.02)
*17	WEN	6	f	s	k 18	999	9	-	-	-	-	1.36 (	0.94- 1.96)
21	HE	19	f	4	n 20	999	12	-	-	-	-	1.83 (	1.15- 3.37)
*23	JEFFER	3	c	c	c 7	150	2	-	-	-	-	0.86 (	0.36- 2.07)
Partial Totals								0	0	0	0		
*prospective study													

StN	Ref	NRR	SEX	EXP	MEASLOWEXP	HIEXP	ADJ	Ys	Ws	Qs	Ps
2	LEE	12	m	3	l 5	12	1	0.57	1.80	0.04	0.4435
2	LEE	14	f	3	l 5	12	1	0.89	3.88	0.84	0.0788
Subtotal 2											
8	YOU	12	c	s	n 21	999	5	0.65	7.65	0.37	0.0736
9	IRIBA1	8	m	t	h 40	999	11	-0.80	2.31	3.46	0.2251
9	IRIBA1	16	f	t	h 40	999	11	-0.65	5.48	6.40	0.1257
Subtotal 9											
*12	IRIBA2	2	m	h	h 20	999	1	0.37	14.13	0.04	0.1625
*12	IRIBA2	14	f	h	h 20	999	1	0.44	36.13	0.01	0.0084
Subtotal 12											
*13	WHINCUCU	3	m	c	c 3	14	2	0.22	5.46	0.23	0.6021
14	MCGHEE	4	c	h	p 2	999	2	0.73	19.25	1.80	0.0013
*16	ZHANG	28	f	s	n 20	999	1	0.48	79.11	0.25	0.0000
*17	WEN	6	f	s	k 18	999	9	0.31	28.46	0.40	0.1009
21	HE	19	f	4	n 20	999	12	0.60	13.29	0.42	0.0276
*23	JEFFER	3	c	c	c 7	150	2	-0.15	5.02	1.67	0.7354

Relative risks

N	13
NS	10
Wt	221.97
Het Chi	15.93
Het df	12
Het P	N.S.
Fixed RR	1.53
RR1	1.34
RRu	1.75
P	+++
Random RR	1.50
RR1	1.26
RRu	1.78
P	+++
Asymm P	N.S.

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

- 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) MEAS: n, y, k, x, l, p, h, 8, 9, t, c, u, v, w, z, d
- 6) Dose: Maximum value available

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

Table 38  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11**  
 Low dose  
 Overall - most-adjusted

Overall

StN	Ref	NRR	SEX	EXP	MEASLOWEXP	HIEXP	ADJ	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
2	LEE	8	m	3	l 2	4	1	-	-	-	-	1.24	( 0.39- 3.99)
2	LEE	10	f	3	l 2	4	1	-	-	-	-	0.86	( 0.37- 1.99)
Subtotal 2													
8	YOU	10	c	s	n 1	20	5	-	-	-	-	1.55	( 0.83- 2.88)
*12	IRIBA2	25	m	h	h 1	19	10	-	-	-	-	0.89	( 0.56- 1.42)
*12	IRIBA2	37	f	h	h 1	19	10	-	-	-	-	0.99	( 0.72- 1.35)
Subtotal 12													
*13	WHINCU	5	m	c	c 1	1	16	-	-	-	-	1.34	( 0.53- 3.40)
14	MCGHEE	3	c	h	p 1	1	2	-	-	-	-	1.34	( 1.01- 1.79)
*16	ZHANG	8	f	s	n 1	9	14	-	-	-	-	1.28	( 0.92- 1.77)
*17	WEN	4	f	s	k 1	9	9	-	-	-	-	1.35	( 0.79- 2.31)
21	HE	17	f	4	n 1	9	12	-	-	-	-	1.10	( 0.62- 1.96)
*23	JEFFER	5	c	c	c 1	2	16	-	-	-	-	0.91	( 0.50- 1.62)
Partial Totals								0	0	0	0		
*prospective study													

StN	Ref	NRR	SEX	EXP	MEASLOWEXP	HIEXP	ADJ	Ys	Ws	Qs	Ps
2	LEE	8	m	3	l 2	4	1	0.22	2.84	0.01	0.7169
2	LEE	10	f	3	l 2	4	1	-0.15	5.43	0.49	0.7253
Subtotal 2											
8	YOU	10	c	s	n 1	20	5	0.44	9.93	0.83	0.1673
*12	IRIBA2	25	m	h	h 1	19	10	-0.12	17.75	1.26	0.6235
*12	IRIBA2	37	f	h	h 1	19	10	-0.01	38.89	0.99	0.9500
Subtotal 12											
*13	WHINCU	5	m	c	c 1	1	16	0.29	4.45	0.09	0.5371
14	MCGHEE	3	c	h	p 1	1	2	0.29	46.92	0.96	0.0450
*16	ZHANG	8	f	s	n 1	9	14	0.25	35.89	0.34	0.1392
*17	WEN	4	f	s	k 1	9	9	0.30	13.35	0.30	0.2729
21	HE	17	f	4	n 1	9	12	0.10	11.60	0.03	0.7455
*23	JEFFER	5	c	c	c 1	2	16	-0.09	11.12	0.66	0.7532

Relative risks

N	11
NS	9
Wt	198.15
Het Chi	5.97
Het df	10
Het P	N.S.
Fixed RR	1.16
RRl	1.01
RRu	1.33
P	+
Random RR	1.16
RRl	1.01
RRu	1.33
P	+
Asymm P	N.S.

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c      4) TP2 : v, s, i, n, 9, h, a, c, t
- 2) TIM : c, x, t, m, y, z, a, e, p      5) MEAS: n, y, k, x, l, p, h, 8, 9, t, c, u, v, w, z, d
- 3) TYP : b, f, n      6) Dose: Minimum value available

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

Table 39  
**ETS and Stroke - Meta-Analysis of Spouse Exposure Current (or nearest equivalent), 04-OCT-11**  
 Low dose  
 Overall - least-adjusted

Overall

StN	Ref	NRR	SEX	EXP	MEASLOWEXP	HIEXP	ADJ	Number Case	Exposed Cont	Non-exposed Case	Cont	RR	95.00%CI
2	LEE	8	m	3	l 2	4	1	-	-	-	-	1.24	( 0.39- 3.99)
2	LEE	10	f	3	l 2	4	1	-	-	-	-	0.86	( 0.37- 1.99)
Subtotal 2													
8	YOU	10	c	s	n 1	20	5	-	-	-	-	1.55	( 0.83- 2.88)
*12	IRIBA2	1	m	h	h 1	19	1	-	-	-	-	0.96	( 0.61- 1.51)
*12	IRIBA2	13	f	h	h 1	19	1	-	-	-	-	1.05	( 0.77- 1.42)
Subtotal 12													
*13	WHINCU	1	m	c	c 1	1	2	-	-	-	-	1.01	( 0.43- 2.35)
14	MCGHEE	3	c	h	p 1	1	2	-	-	-	-	1.34	( 1.01- 1.79)
*16	ZHANG	26	f	s	n 1	9	1	-	-	-	-	1.30	( 0.95- 1.79)
*17	WEN	4	f	s	k 1	9	9	-	-	-	-	1.35	( 0.79- 2.31)
21	HE	17	f	4	n 1	9	12	-	-	-	-	1.10	( 0.62- 1.96)
*23	JEFFER	1	c	c	c 1	2	2	-	-	-	-	0.87	( 0.49- 1.55)
Partial Totals								0	0	0	0		
*prospective study													

StN	Ref	NRR	SEX	EXP	MEASLOWEXP	HIEXP	ADJ	Ys	Ws	Qs	Ps
2	LEE	8	m	3	l 2	4	1	0.22	2.84	0.01	0.7169
2	LEE	10	f	3	l 2	4	1	-0.15	5.43	0.52	0.7253
Subtotal 2											
8	YOU	10	c	s	n 1	20	5	0.44	9.93	0.77	0.1673
*12	IRIBA2	1	m	h	h 1	19	1	-0.04	18.70	0.75	0.8599
*12	IRIBA2	13	f	h	h 1	19	1	0.05	41.02	0.50	0.7547
Subtotal 12											
*13	WHINCU	1	m	c	c 1	1	2	0.01	5.33	0.12	0.9817
14	MCGHEE	3	c	h	p 1	1	2	0.29	46.92	0.83	0.0450
*16	ZHANG	26	f	s	n 1	9	1	0.26	38.29	0.40	0.1045
*17	WEN	4	f	s	k 1	9	9	0.30	13.35	0.26	0.2729
21	HE	17	f	4	n 1	9	12	0.10	11.60	0.05	0.7455
*23	JEFFER	1	c	c	c 1	2	2	-0.14	11.59	1.03	0.6355

Relative risks

N	11
NS	9
Wt	204.99
Het Chi	5.26
Het df	10
Het P	N.S.
Fixed RR	1.17
RRl	1.02
RRu	1.35
P	+
Random RR	1.17
RRl	1.02
RRu	1.35
P	+
Asymm P	N.S.

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

- 1) EXP : s, h, t, 2, 3, 4, 5, 6, 7, c
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) MEAS: n, y, k, x, l, p, h, 8, 9, t, c, u, v, w, z, d
- 6) Dose: Minimum value available

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

Table 40  
**ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11**  
 Low dose  
 Overall - most-adjusted

Overall

StN	Ref	NRR	SEX	EXP	MEASLOWEXP	HIEXP	ADJ	Number	Exposed	Non-exposed	RR	95.00%CI
								Case	Cont	Case	Cont	
2	LEE	8	m	3	l 2	4	1	-	-	-	-	1.24 ( 0.39- 3.99)
2	LEE	10	f	3	l 2	4	1	-	-	-	-	0.86 ( 0.37- 1.99)
Subtotal 2												
8	YOU	10	c	s	n 1	20	5	-	-	-	-	1.55 ( 0.83- 2.88)
*12	IRIBA2	25	m	h	h 1	19	10	-	-	-	-	0.89 ( 0.56- 1.42)
*12	IRIBA2	37	f	h	h 1	19	10	-	-	-	-	0.99 ( 0.72- 1.35)
Subtotal 12												
*13	WHINCU	5	m	c	c 1	1	16	-	-	-	-	1.34 ( 0.53- 3.40)
14	MCGHEE	3	c	h	p 1	1	2	-	-	-	-	1.34 ( 1.01- 1.79)
*16	ZHANG	8	f	s	n 1	9	14	-	-	-	-	1.28 ( 0.92- 1.77)
*17	WEN	4	f	s	k 1	9	9	-	-	-	-	1.35 ( 0.79- 2.31)
21	HE	17	f	4	n 1	9	12	-	-	-	-	1.10 ( 0.62- 1.96)
*23	JEFFER	5	c	c	c 1	2	16	-	-	-	-	0.91 ( 0.50- 1.62)
Partial Totals								0	0	0	0	
*prospective study												

StN	Ref	NRR	SEX	EXP	MEASLOWEXP	HIEXP	ADJ	Ys	Ws	Qs	Ps
2	LEE	8	m	3	l 2	4	1	0.22	2.84	0.01	0.7169
2	LEE	10	f	3	l 2	4	1	-0.15	5.43	0.49	0.7253
Subtotal 2											
8	YOU	10	c	s	n 1	20	5	0.44	9.93	0.83	0.1673
*12	IRIBA2	25	m	h	h 1	19	10	-0.12	17.75	1.26	0.6235
*12	IRIBA2	37	f	h	h 1	19	10	-0.01	38.89	0.99	0.9500
Subtotal 12											
*13	WHINCU	5	m	c	c 1	1	16	0.29	4.45	0.09	0.5371
14	MCGHEE	3	c	h	p 1	1	2	0.29	46.92	0.96	0.0450
*16	ZHANG	8	f	s	n 1	9	14	0.25	35.89	0.34	0.1392
*17	WEN	4	f	s	k 1	9	9	0.30	13.35	0.30	0.2729
21	HE	17	f	4	n 1	9	12	0.10	11.60	0.03	0.7455
*23	JEFFER	5	c	c	c 1	2	16	-0.09	11.12	0.66	0.7532

Relative risks

	N	11
	NS	9
	Wt	198.15
	Het Chi	5.97
	Het df	10
	Het P	N.S.
Fixed	RR	1.16
	RRl	1.01
	RRu	1.33
	P	+
Random	RR	1.16
	RRl	1.01
	RRu	1.33
	P	+
Asymm	P	N.S.

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

- 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) MEAS: n, y, k, x, l, p, h, 8, 9, t, c, u, v, w, z, d
- 6) Dose: Minimum value available

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

Table 41  
**ETS and Stroke - Meta-Analysis of Total Exposure (or nearest equivalent), 04-OCT-11**  
 Low dose  
 Overall - least-adjusted

Overall

StN	Ref	NRR	SEX	EXP	MEASLOWEXP	HIEXP	ADJ	Number	Exposed	Non-exposed	RR	95.00%CI
								Case	Cont	Case	Cont	
2	LEE	8	m	3	l 2	4	1	-	-	-	-	1.24 ( 0.39- 3.99)
2	LEE	10	f	3	l 2	4	1	-	-	-	-	0.86 ( 0.37- 1.99)
Subtotal 2												
8	YOU	10	c	s	n 1	20	5	-	-	-	-	1.55 ( 0.83- 2.88)
*12	IRIBA2	1	m	h	h 1	19	1	-	-	-	-	0.96 ( 0.61- 1.51)
*12	IRIBA2	13	f	h	h 1	19	1	-	-	-	-	1.05 ( 0.77- 1.42)
Subtotal 12												
*13	WHINCU	1	m	c	c 1	1	2	-	-	-	-	1.01 ( 0.43- 2.35)
14	MCGHEE	3	c	h	p 1	1	2	-	-	-	-	1.34 ( 1.01- 1.79)
*16	ZHANG	26	f	s	n 1	9	1	-	-	-	-	1.30 ( 0.95- 1.79)
*17	WEN	4	f	s	k 1	9	9	-	-	-	-	1.35 ( 0.79- 2.31)
21	HE	17	f	4	n 1	9	12	-	-	-	-	1.10 ( 0.62- 1.96)
*23	JEFFER	1	c	c	c 1	2	2	-	-	-	-	0.87 ( 0.49- 1.55)
Partial Totals								0	0	0	0	
*prospective study												

StN	Ref	NRR	SEX	EXP	MEASLOWEXP	HIEXP	ADJ	Ys	Ws	Qs	Ps
2	LEE	8	m	3	l 2	4	1	0.22	2.84	0.01	0.7169
2	LEE	10	f	3	l 2	4	1	-0.15	5.43	0.52	0.7253
Subtotal 2											
8	YOU	10	c	s	n 1	20	5	0.44	9.93	0.77	0.1673
*12	IRIBA2	1	m	h	h 1	19	1	-0.04	18.70	0.75	0.8599
*12	IRIBA2	13	f	h	h 1	19	1	0.05	41.02	0.50	0.7547
Subtotal 12											
*13	WHINCU	1	m	c	c 1	1	2	0.01	5.33	0.12	0.9817
14	MCGHEE	3	c	h	p 1	1	2	0.29	46.92	0.83	0.0450
*16	ZHANG	26	f	s	n 1	9	1	0.26	38.29	0.40	0.1045
*17	WEN	4	f	s	k 1	9	9	0.30	13.35	0.26	0.2729
21	HE	17	f	4	n 1	9	12	0.10	11.60	0.05	0.7455
*23	JEFFER	1	c	c	c 1	2	2	-0.14	11.59	1.03	0.6355

Relative risks

N	11
NS	9
Wt	204.99
Het Chi	5.26
Het df	10
Het P	N.S.
Fixed RR	1.17
RRl	1.02
RRu	1.35
P	+
Random RR	1.17
RRl	1.02
RRu	1.35
P	+
Asymm P	N.S.

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

- 1) EXP : t, 2, 3, 4, 5, 6, 7, c, s, h
- 2) TIM : c, x, t, m, y, z, a, e, p
- 3) TYP : b, f, n
- 4) TP2 : v, s, i, n, 9, h, a, c, t
- 5) MEAS: n, y, k, x, l, p, h, 8, 9, t, c, u, v, w, z, d
- 6) Dose: Minimum value available

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