

## **ANNEX II**

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### **Tables for**

#### **Chapter 5. RESULTS**

- A Short screening questionnaire data, Tables 1 - 3**
- B Core questionnaire data, Tables 4 - 8**
- C Retrospective short term recall questionnaire data, Tables 9 - 12**
- D Time activity data, Tables 13 - 16**
- E Exposure and microenvironmental levels data, Tables 17 - 18**
- F Exposure determinant analysis, Tables 19**



**Annex II: Table 1: The original and completed sizes of the Base, Exposure and Diary samples in each EXPOLIS Centre**

	HELSINKI	ATHENS	BASEL	GRENOBLE	MILAN	PRAGUE	TOTAL
Base sample	2523	6968	3000	92	3009	2867	18459
sent	1882	2000	1458	92	764	143	6339
filled	74.6	28.7	48.6	100	25.4	5	34.3
% of response							
Exposure sample	201	50	50	81	50		432
sent	201	50	50	81	50	50	432
filled	100	100	100	100	100		100
% completed							
Diary sample	234	71	328	11	250	36	930
sent	234	50	282	11	250		827
filled	100	70.4	86	100	100		93
% completed							

Annex II: Table 2/A. General Description of the Base sample in ATHENS based on the Short Screening Questionnaire

ATHENS	Women		Men		men/women Chi-Sq-Stat	All		Exposure		expos/allothers Chi-Sq-Stat	Diary		expos/allothers Chi-Sq-Stat
	N	%	N	%		N	%	N	%		N	%	
<b>BIRTHYEAR</b>					0.009					0.714			0.798
25-34	329	32.2	379	38.7		708	35.4	19	38		16	32	
35-44	354	34.7	314	32.1		668	33.4	14	28		17	34	
45-55	338	33.1	286	29.2		624	31.2	17	34		17	34	
<b>SELF SMOKING</b>					0.000					0.000			0.000
yes	478	46.8	564	57.6		1042	52.1	0	0		6	12	
no	543	53.2	415	42.4		958	47.9	100	100		44	88	
<b>NUMBER OF ADULTS</b>					0.299					0.780			0.997
1	85	8.3	99	10.1		184	9.2	6	12		3	6	
2	558	54.7	539	55.1		1097	54.9	27	54		28	56	
3 or more	378	37.0	341	34.8		719	36.0	17	34		19	38	
<b>NUMBER OF CHILDREN</b>					0.016					0.851			0.840
0	497	49.0	508	52.0		1005	50.5	27	54		23	46	
1	246	24.2	180	18.4		426	21.4	10	20		10	20	
2	233	23.0	242	24.8		475	23.9	12	24		12	24	
3 or more	39	3.8	46	4.7		85	4.3	1	2		5	10	
<b>WORKPLACE</b>					0.000					0.189			0.287
home	124	12.2	52	5.3		176	8.8	8	16		2	4	
one room	373	36.6	521	53.3		894	44.8	28	56		23	46	
one building	76	7.5	137	14.0		213	10.7	4	8		4	8	
outdoors one place	14	1.4	107	10.9		121	6.1	2	4		5	10	
traffic	18	1.8	106	10.8		124	6.2	1	2		0	0	
other	2	0.2	14	1.4		16	0.8	0	0		0	0	
not working	412	40.4	41	4.2		453	22.7	7	14		16	32	
many places	0	0.0	0	0.0		0	0.0	0	0		0	0	
<b>SENSITIVITY</b>					0.000					0.618			0.400
noise	224	21.9	252	25.7		476	23.8	14	28		15	30	
air pollution	129	12.6	119	12.2		248	12.4	8	16		7	14	
both air & noise	430	42.1	286	29.2		716	35.8	14	28		16	32	
not particularly sensitive	238	23.3	322	32.9		560	28.0	14	28		12	24	
<b>PARTICIPATION</b>													
yes, willing													
yes, diary only													
not willing													
not living in the area													
no, most of time away													
<b>COMMUTING</b>													
<b>TO WORK IN WINTER</b>													
walk or bike													
motorbike or scooter													
car													
bus or tram													
train or metro													
<b>HOME LIVING AREA, m<sup>2</sup></b>													
< 26													
26-50													
51-75													
76-100													
101-120													
> 120													
<b>HOME TYPE</b>													
separate house													
attached house													
high rise building													
other													
<b>SMOKING AT HOME</b>													
home indoors													
not home indoors													
no													
<b>KITCHEN STOVE</b>													
electric													
gas													
wood/coal													
other or combination													
<b>WORKPLACE LOCATION</b>													
city centre													
commercial zone													
industrial zone													
high rise suburban													
small buildings suburban													
rural													
traffic													
many places													
<b>MARITAL STATUS</b>					0.000					0.283			0.594
living with a spouse	789	77.3	664	67.9		1453	72.7	33	66		42	84	
living single	232	22.7	314	32.1		546	27.3	17	34		8	16	
<b>OCCUPATION</b>					0.000					0.705			0.960
self employed	100	9.8	306	31.3		406	20.3	11	22		6	12	
other employed	425	41.6	594	60.7		1019	51.0	29	58		25	50	
unemployed	38	3.7	31	3.2		69	3.5	1	2		2	4	
housewife	407	39.9	3	0.3		410	20.5	7	14		14	28	
student	28	2.7	19	1.9		47	2.4	2	4		1	2	
retired	22	2.2	18	1.8		40	2.0	0	0		2	4	
other	1	0.1	8	0.8		9	0.5	0	0		0	0	
<b>OCCUPATION CLASS</b>													
farmer													
entrepreneur													
upper white-collar													
lower white-collar													
labourer, (blue collar)													
other													

These variables are all missing from the Short Screening Questionnaire in Athens



Annex II: Table 2/B. General Description of the Base sample in BASEL based on the Short Screening Questionnaire

BASEL	Women		Men		men/women Chi-Sq-Stat	All		Exposure		expos/total Chi-Sq-Stat	Diary		diary/total Chi-Sq-Stat
	N	%	N	%		N	%	N	%		N	%	
AGE					0.273					0.571			0.014
25-34	250	33	253	36		503	35	14	28		83	29	
35-44	245	32	230	33		475	33	19	38		112	40	
45-55	263	35	217	31		480	33	17	34		87	31	
SELF SMOKING					0.002					0.006			0.007
yes	230	30	267	38		497	34	8	16		77	27	
no	525	70	430	62		955	66	42	84		204	73	
NUMBER OF ADULTS					0.938					0.239			0.803
1	208	28	193	29		401	28	9	18		82	29	
2	428	58	397	59		825	59	33	66		165	59	
3 or more	97	13	85	13		182	13	8	16		33	12	
NUMBER OF CHILDREN					0.148					0.662			0.329
0	484	66	443	66		927	66	34	68		182	65	
1	122	17	91	13		213	15	7	14		41	15	
2	96	13	102	15		198	14	5	10		47	17	
3 or more	31	4	40	6		71	5	4	8		10	4	
WORKPLACE					0.000					0.138			0.012
home	196	27	75	11		271	19	15	30		44	16	
one room	205	28	283	42		488	35	15	30		120	43	
one building	187	26	123	18		310	22	12	24		63	23	
outdoors one place	5	1	54	8		59	4	0	0		6	2	
traffic	3	0	35	5		38	3	1	2		3	1	
other	12	2	23	3		35	3	3	6		6	2	
not working													
many places	124	17	75	11		199	14	4	8		37	13	
PARTICIPATION					0.000					0.000			0.000
yes, willing	237	31	229	33		466	32	50	100		241	85	
yes, diary only	51	7	40	6		91	6	0	0		40	14	
not willing	407	54	339	48		746	51	0	0		1	0	
not living in the area	40	5	35	5		75	5	0	0		0	0	
no, most of time away	23	3	57	8		80	5	0	0		0	0	
COMMUTING*													
TO WORK IN SUMMER													
walk or bike	404	64	369	57	0.005	773	60	31	72	0.112	191	74	0.000
motorbike or scooter	15	2	47	7	0.000	62	5	2	5	0.951	8	3	0.140
car	94	15	169	26	0.000	263	21	4	9	0.063	38	15	0.009
bus or tram	242	39	198	30	0.002	440	34	14	33	0.796	88	34	0.872
train or metro	27	4	35	5	0.370	62	5	4	9	0.166	11	4	0.614
TO WORK IN WINTER*													
walk or bike	318	51	313	48	0.360	631	49	29	67	0.016	159	61	0.000
motorbike or scooter	7	1	31	5	0.000	38	3	3	7	0.116	4	2	0.130
car	92	15	170	26	0.000	262	20	4	9	0.065	43	17	0.083
bus or tram	280	45	222	34	0.000	502	39	15	35	0.551	105	41	0.634
train or metro	24	4	32	5	0.339	56	4	4	9	0.108	10	4	0.649
WHEEZE					0.351					0.551			0.272
yes	99	13	111	16		210	15	9	18		37	13	
no	592	79	534	77		1126	78	36	72		227	81	
I do not know	54	7	51	7		105	7	5	10		15	5	
ASTHMA					0.816					0.004			0.064
yes	36	5	31	4		67	5	7	14		11	4	
no	701	93	647	93		1348	93	41	82		269	95	
I do not know	18	2	20	3		38	3	2	4		2	1	
NASAL					0.599					0.996			0.035
yes	169	22	171	25		340	23	11	23		66	23	
no	538	71	480	69		1018	70	34	71		188	67	
I do not know	48	6	43	6		91	6	3	6		27	10	
HOURS SPEND OUTDOORS					0.039					0.031			0.052
<= 1 h	192	27	200	30		392	28	11	22		88	31	
1.1 - 2 h	166	23	139	21		305	22	17	34		71	25	
2.1 - 4 h	229	32	175	26		404	29	18	36		78	28	
> 4 h	134	19	150	23		284	21	4	8		43	15	
HOME LOCATION					0.796					0.780			0.344
center high traffic	89	12	83	12		172	12	8	16		28	10	
center low traffic	157	21	152	22		309	22	9	18		62	22	
periphery high traffic	256	35	228	34		484	34	17	34		100	36	
periphery low traffic	223	30	206	30		429	30	16	32		88	32	
periphery no traffic	13	2	7	1		20	1	0	0		1	0	
HOME HEAVY TRAFFIC					0.611					0.253			0.205
all the time	167	23	162	24		329	23	10	20		56	20	
often	168	23	136	20		304	21	8	16		72	26	
rarely	278	38	255	38		533	38	25	51		103	37	
never	126	17	125	18		251	18	6	12		49	18	
YEARS OF EDUCATION					0.000					0.583			0.000
<=10 (mandatory school)	150	21	82	12		232	17	6	12		18	7	
11-13 (apprenticeship)	250	35	218	33		468	34	15	31		98	36	
14-17 (A-levels)	205	29	190	29		395	29	18	37		89	32	
> 17 (university)	107	15	168	26		275	20	10	20		70	25	
STUDYING					0.697					0.026			0.427
yes	22	3	18	3		40	3	4	8		6	2	
no	705	97	654	97		1359	97	46	92		273	98	
NATIONALITY					0.019					0.864			0.000
Swiss	632	83	550	79		1182	81	41	82		263	93	
Non-Swiss	126	17	150	21		276	19	9	18		19	7	

Annex II: Table 2/G. General Description of the Base sample in GRENOBLE based on the Short Screening Questionnaire

GRENOBLE	Women		Men		men/women Chi-Sq-Stat	All		Exposure		expos/total Chi-Sq-Stat	Diary		diary/total Chi-Sq-Stat
	N	%	N	%		N	%	N	%		N	%	
<b>BIRTHYEAR</b>					0,038					0,464			0,178*
20-34	18	33.96	16	41.03		34	36.96	32	39.51		2	18.18	
35-44	14	26.42	9	23.08		23	25	20	24.69		3	27.27	
45-60	21	39.62	14	35.9		35	38.04	29	35.8		6	54.55	
<b>SELF SMOKING</b>													
yes	0	0	0	0		0	0	0	0		0	0	
no	53	100	39	100		92	100	81	100		11	100	
<b>NUMBER OF ADULTS</b>					0,000					0,459			0,019*
1	14	26.92	4	10.26		18	19.78	16	20		2	18.18	
2	25	48.08	23	58.97		48	52.75	44	55		4	36.36	
3 or more	13	25	12	30.77		25	27.47	20	25		5	45.45	
<b>NUMBER OF CHILDREN</b>					0,266*					0,817*			0,009*
0	40	76.92	21	53.85		61	67.03	53	66.25		8	72.73	
1	6	11.54	5	12.82		11	12.09	9	11.25		2	18.18	
2	4	7.692	12	30.77		16	17.58	15	18.75		1	9.091	
3 or more	2	3.846	1	2.564		3	3.297	3	3.75		0	0	
<b>WORKPLACE</b>					0,978*					0,959*			0,000*
home	8	15.38	6	15.38		14	15.38	13	16.25		1	9.091	
one room	18	34.62	21	53.85		39	42.86	37	46.25		2	18.18	
one building	19	36.54	10	25.64		29	31.87	26	32.5		3	27.27	
outdoors one place	0	0	0	0		0	0	0	0		0	0	
traffic	0	0	0	0		0	0	0	0		0	0	
other	3	5.769	1	2.564		4	4.396	2	2.5		2	18.18	
not working	3	5.769	1	2.564		4	4.396	1	1.25		3	27.27	
many places	1	1.923	0	0		1	1.099	1	1.25		0	0	
<b>PARTICIPATION</b>					0,784*					0,907*			0,198*
yes, willing	47	88.68	34	87.18		81	88.04	81	100		0	0	
yes, diary only	6	11.32	5	12.82		11	11.96	0	0		11	100	
not willing	0	0	0	0		0	0	0	0		0	0	
not living in the area	0	0	0	0		0	0	0	0		0	0	
no, most of time away	0	0	0	0		0	0	0	0		0	0	
<b>COMMUTING</b>													
<b>TO WORK IN SUMMER</b>					0,041					0,348			0,012*
walk or bike	16	25.81	14	29.79		30	27.52	26	27.37		4	28.57	
motorbike or scooter	0	0	0	0		0	0	0	0		0	0	
car	32	51.61	21	44.68		53	48.62	47	49.47		6	42.86	
bus or tram	14	22.58	12	25.53		26	23.85	22	23.16		4	28.57	
train or metro	0	0	0	0		0	0	0	0		0	0	
<b>TO WORK IN WINTER</b>					0,002					0,347			0,008*
walk or bike	13	17.33	14	29.79		27	24.32	23	23.71		4	28.57	
motorbike or scooter	0	0	0	0		0	0	0	0		0	0	
car	37	49.33	21	44.68		58	52.25	52	53.61		6	42.86	
bus or tram	14	18.67	12	25.53		26	23.42	22	22.68		4	28.57	
train or metro	0	0	0	0		0	0	0	0		0	0	
<b>WHEEZE</b>					0,025					0,228			0,503*
yes	23	43.4	17	43.59		40	43.48	37	45.68		3	27.27	
no	30	56.6	22	56.41		52	56.52	44	54.32		8	72.73	
I do not know	0	0	0	0		0	0	0	0		0	0	
<b>ASTHMA</b>					0,007					0,163			0,819*
yes	25	47.17	15	38.46		40	43.48	39	48.15		1	9.091	
no	28	52.83	24	61.54		52	56.52	42	51.85		10	90.91	
I do not know	0	0	0	0		0	0	0	0		0	0	
<b>NASAL</b>					0,787*					0,952*			0,005*
yes	5	9.434	1	2.564		6	6.522	3	3.704		3	27.27	
no	45	84.91	35	89.74		80	86.96	74	91.36		6	54.55	
I do not know	3	5.66	3	7.692		6	6.522	4	4.938		2	18.18	
<b>HOURS SPEND OUTDOORS</b>					0,307*					0,971*			0,047*
<= 1 h	14	45.16	9	42.86		23	44.23	18	43.9		5	45.45	
1.1 - 2 h	10	32.26	6	28.57		16	30.77	16	39.02		0	0	
2.1 - 4 h	6	19.35	3	14.29		9	17.31	6	14.63		3	27.27	
> 4 h	1	3.226	3	14.29		4	7.692	1	2.439		3	27.27	
<b>HOME LOCATION</b>					0,360*					0,874*			0,096*
center high traffic	11	21.15	5	12.82		16	17.58	14	17.5		2	18.18	
center low traffic	8	15.38	10	25.64		18	19.78	9	11.25		9	81.82	
periphery high traffic	20	38.46	13	33.33		33	36.26	33	41.25		0	0	
periphery low traffic	11	21.15	8	20.51		19	20.88	19	23.75		0	0	
periphery no traffic	2	3.846	3	7.692		5	5.495	5	6.25		0	0	
<b>HOME TRAFFIC</b>					0,433*					0,803*			0,025*
all the time	12	25	5	16.13		17	21.52	16	23.53		1	9.091	
often	26	54.17	16	51.61		42	53.16	35	51.47		7	63.64	
rarely	4	8.333	2	6.452		6	7.595	3	4.412		3	27.27	
never	6	12.5	8	25.81		14	17.72	14	20.59		0	0	
<b>YEARS OF EDUCATION</b>					0,818*					0,386			0,010*
<=10 (mandatory school)	0	0	0	0		0	0	0	0		0	0	
11-13 (apprenticeship)	3	10.34	5	19.23		8	14.55	5	10.87		3	33.33	
14-17 (A-levels)	8	27.59	5	19.23		13	23.64	11	23.91		2	22.22	
> 17 (university)	18	62.07	16	61.54		34	61.82	30	65.22		4	44.44	
<b>STUDYING</b>					0,036					0,249			0,156*
yes	10	19.23	7	17.95		17	18.68	15	18.75		2	18.18	
no	42	80.77	32	82.05		74	81.32	65	81.25		9	81.82	
<b>NATIONALITY</b>					0,658								
french	52	98.11	34	87.18		86	93.48	86	93.48		0	0	
other	1	1.89	5	12.82		6	6.52	6	6.52		0	0	

\* expected value(s) &lt; 5 : exact Fisher test

Annex II: Table 2/H. General Description of the Base sample in HELSINKI based on the Short Screening Questionnaire

HELSINKI	Women		Men		men/women Chi-Sq-Stat	All		Exposure		expos/total Chi-Sq-Stat	Diary		diary/total Chi-Sq-Stat
	N	%	N	%		N	%	N	%		N	%	
<b>BIRTHYEAR</b>					0.508					0.567			0.667
25-34	224	23	190	25		414	24	42	23		55	25	
35-44	350	36	266	35		616	36	72	39		72	33	
45-55	404	41	297	39		701	41	70	38		92	42	
<b>SELF SMOKING</b>					0.019					0.391			0.184
yes	278	26	256	31		534	28	52	26		58	25	
no	779	74	564	69		1343	72	149	74		176	75	
<b>NUMBER OF ADULTS</b>					0.000					0.317			0.197
1	314	30	178	22		492	26	45	22		50	21	
2	589	56	518	63		1107	59	128	64		145	62	
3 or more	155	15	128	16		283	15	28	14		39	17	
<b>NUMBER OF CHILDREN</b>					0.384					0.230			0.181
0	573	54	471	57		1044	55	101	50		116	50	
1	227	21	154	19		381	20	49	24		58	25	
2	187	18	138	17		325	17	33	16		41	18	
3 or more	71	7	61	7		132	7	18	9		19	8	
<b>WORKPLACE</b>					0.000					0.013			0.190
home	36	4	21	3		57	4	7	4		7	3	
one room	431	47	259	39		690	44	93	52		105	48	
one building	265	29	156	23		421	27	54	30		66	30	
outdoors one place	1	0	37	6		38	2	3	2		2	1	
traffic	5	1	34	5		39	2	5	3		5	2	
other	9	1	14	2		23	1	3	2		2	1	
not working	118	13	66	10		184	12	7	4		16	7	
many places	45	5	77	12		122	8	8	4		14	6	
<b>SENSITIVITY</b>					0.000					0.142			0.285
noise	111	11	52	6		163	9	10	5		26	11	
air pollution	160	16	97	12		257	14	26	14		26	11	
both air & noise	68	7	17	2		85	5	13	7		13	6	
not particularly sensitive	692	67	637	79		1329	72	140	74		163	71	
<b>PARTICIPATION</b>					0.000					0.000			0.000
yes, willing	805	77	572	71		1377	74	196	98		224	97	
yes, diary only	0	0	0	0		0	0	0	0		0	0	
not willing	207	20	169	21		376	20	0	0		0	0	
not living in the area	18	2	23	3		41	2	2	1		3	1	
no, most of time away	12	1	44	5		56	3	1	1		4	2	
<b>COMMUTING TO WORK IN WINTER</b>													
walk or bike	361	43	192	31	0.000	553	38	63	36	0.596	73	36	0.555
motorbike or scooter	2	0	0	0	0.230	2	0	0	0	0.597	0	0	0.580
car	273	32	433	65	0.000	706	47	84	47	0.801	95	46	0.834
bus or tram	428	50	149	25	0.000	577	40	64	37	0.405	81	40	0.950
train or metro	143	18	75	13	0.012	218	16	15	9	0.010	33	17	0.671
<b>HOME LIVING AREA, m<sup>2</sup></b>					0.783					0.465			0.315
< 26	23	2	20	2		43	2	2	1		2	1	
26-50	226	21	172	21		398	21	39	19		47	20	
51-75	343	32	262	32		605	32	60	30		73	31	
76-100	280	27	210	25		491	26	56	28		71	30	
101-120	97	9	75	9		172	9	20	10		24	10	
> 120	88	8	85	10		173	9	24	12		17	7	
<b>HOME TYPE</b>					0.138					0.773			0.020
separate house	201	19	167	20		368	20	43	22		49	21	
attached house	131	12	125	15		256	14	25	13		46	20	
high rise building	708	67	527	64		1235	66	131	66		136	58	
other	13	1	5	1		18	1	1	1		2	1	
<b>SMOKING AT HOME</b>					0.000					0.307			0.765
home indoors	74	7	73	9		147	8	11	5		18	8	
not home indoors	166	16	101	12		267	14	33	16		37	16	
no	814	77	646	79		1460	78	157	78		179	78	
<b>KITCHEN STOVE</b>					0.174					0.766			0.172
electric	998	95	768	94		1766	94	188	94		214	91	
gas	47	4	35	4		82	4	10	5		16	7	
wood/coal	3	0	1	0		4	0	1	1		0	0	
other or combination	8	1	15	2		23	1	2	1		4	2	
<b>WORKPLACE LOCATION</b>					0.000					0.729			0.370
city centre	254	33	156	28		410	31	47	28		68	35	
commercial zone	206	27	113	21		319	24	42	25		52	26	
industrial zone	91	12	113	21		204	15	22	13		34	17	
high rise suburban	154	20	78	14		232	18	37	22		25	13	
small buildings suburban	31	4	25	5		56	4	8	5		6	3	
rural	5	1	7	1		12	1	1	1		1	1	
traffic	29	4	55	10		84	6	12	7		10	5	
many places	2	0	1	0		3	0	0	0		1	1	
<b>MARITAL STATUS</b>					0.000					0.194			0.002
living with a spouse	679	64	593	72		1272	68	144	72		179	77	
living single	379	36	231	28		610	32	57	28		55	24	
<b>OCCUPATION</b>					0.000					0.205			0.032
self employed	52	5	84	10		136	7	18	9		15	6	
other employed	799	76	604	74		1403	75	159	79		190	81	
unemployed	71	7	74	9		145	8	8	4		12	5	
housewife	64	6	1	0		65	3	3	1		11	5	
student	47	4	32	4		79	4	9	4		6	3	
retired	24	2	23	3		47	3	4	2		0	0	
other	0	0	1	0		1	0	0	0		0	0	
<b>OCCUPATION CLASS</b>					0.000					0.030			0.002
farmer	0	0	0	0		0	0	0	0		0	0	
entrepreneur	40	4	64	10		104	7	16	8		12	6	
upper white-collar	173	19	203	31		376	24	54	27		57	26	
lower white-collar	413	46	110	17		523	33	71	36		93	43	
labourer, (blue collar)	105	12	170	26		275	18	39	20		32	15	
other	176	19	109	17		285	18	20	10		23	11	

Annex II: Table 2/M. General Description of the Base sample in MILAN based on the Short Screening Questionnaire

MILAN	Women		Men		men/women Chi-Sq-Stat	All		Exposure		expos/total		Diary		diary/total Chi-Sq-Stat
	N	%	N	%		N	%	N	%	Chi-Sq-Stat	N	%	Chi-Sq-Stat	
<b>BIRTHYEAR</b>					0.48					0.38			0.58	
25-34	148	34.7	139	35.8		287	35.3	22	44		97	38.8		
35-44	138	32.4	111	28.6		249	30.6	15	30		74	29.6		
45-55	140	32.9	138	35.6		278	34.2	13	26		79	31.6		
<b>SELF SMOKING</b>					0.008					0.52			0.3	
yes	125	29.4	148	38.2		273	33.6	19	38		75	30.1		
no	300	70.6	239	61.8		539	66.4	31	62		174	69.9		
<b>NUMBER OF ADULTS</b>					0.044					0.04			0.18	
1	54	12.8	46	11.9		100	12.3	11	22		22	8.8		
2	200	47.2	216	55.8		416	51.4	28	56		125	50		
3 or more	169	40	125	32.3		294	36.3	11	22		103	41.2		
<b>NUMBER OF CHILDREN</b>					0.75					0.51			0.69	
0	283	66.4	249	64.2		532	65.4	32	64		162	64.8		
1	91	21.4	83	21.4		174	21.4	11	22		48	19.2		
2	43	10.1	44	11.3		87	10.7	4	8		32	12.8		
3 or more	9	2.1	12	3.1		21	2.6	3	6		8	3.2		
<b>WORKPLACE</b>					0.000					0.001			0.56	
home	104	24.6	19	5		123	15.3	0	0		35	14.1		
one room	218	51.5	235	61.7		453	56.3	43	86		132	53.2		
one building	78	18.4	58	15.2		136	16.9	7	14		50	20.2		
outdoors one place	3	0.7	12	3.1		15	1.9	0	0		7	2.8		
traffic	2	0.5	20	5.2		22	2.7	0	0		10	4		
other	18	4.3	37	9.7		55	6.8	0	0		14	5.6		
not working	0	0	0	0		0	0	0	0		0	0		
many places	0	0	0	0		0	0	0	0		0	0		
<b>PARTICIPATION</b>					0.012					0.000			0.000	
yes, willing	27	6.3	23	5.9		50	6.1	50	100		0	0		
yes, diary only	261	61.3	224	57.7		485	59.6	0	0		250	100		
not willing	105	24.6	81	20.9		186	22.9	0	0		0	0		
not living in the area	8	1.9	11	2.8		19	2.3	0	0		0	0		
no, most of time away	25	5.9	49	12.6		74	9.1	0	0		0	0		
<b>COMMUTING</b>														
<b>TO WORK IN SUMMER</b>														
walk or bike	138	32.4	91	23.5	0.004	229	28.1	16	32	0.55	77	30.8	0.41	
motorbike or scooter	12	2.8	46	11.9	0.000	58	7.1	4	8	0.82	23	9.2	0.28	
car	138	32.4	210	54.1	0.000	348	42.8	15	30	0.08	105	42	0.83	
bus or tram	153	35.9	96	24.7	0.005	249	30.6	25	50	0.004	71	28.4	0.51	
train or metro	107	25.1	59	15.2	0.005	166	20.4	9	18	0.68	55	22	0.58	
<b>TO WORK IN WINTER</b>														
walk or bike	119	27.9	73	18.8	0.002	192	22.6	15	30	0.3	70	28	0.16	
motorbike or scooter	6	1.4	25	6.4	0.002	31	3.8	1	2	0.51	13	5.2	0.33	
car	145	34	224	57.7	0.000	369	43.2	17	34	0.12	113	45.2	0.97	
bus or tram	141	33.1	90	23.2	0.000	231	26.4	26	52	0.000	65	26	0.46	
train or metro	110	25.8	72	18.6	0.013	182	21	12	24	0.79	60	24	0.59	
<b>WHEEZE</b>					0.38					0.02			0.17	
yes	111	26.1	88	22.7		199	24.4	6	12		69	27.6		
no	252	68.5	283	72.9		575	70.6	44	88		175	70		
I do not know	23	5.4	17	4.4		40	4.9	0	0		6	2.4		
<b>ASTHMA</b>					0.51					0.9			0.78	
yes	26	6.1	26	6.7		52	6.4	4	8		19	7.6		
no	390	91.5	357	92		747	91.8	45	90		226	90.4		
I do not know	10	2.3	5	1.3		15	1.8	1	2		5	2		
<b>NASAL</b>					0.96					0.64			0.44	
yes	86	20.2	76	19.6		162	19.9	10	20		59	23.6		
no	325	76.3	299	77.1		624	76.7	37	74		182	72.8		
I do not know	15	3.5	13	3.4		28	3.4	3	6		9	3.6		
<b>HOURS SPEND OUTDOORS</b>														
<= 1 h	nd		nd			nd		nd			nd			
1.1 - 2 h	nd		nd			nd		nd			nd			
2.1 - 4 h	nd		nd			nd		nd			nd			
> 4 h	nd		nd			nd		nd			nd			
<b>HOME LOCATION</b>					0.46					0.06			0.84	
center high traffic	102	24	80	20.7		182	22.4	5	10		54	21.6		
center low traffic	106	24.9	87	22.5		193	23.8	12	24		60	24		
periphery high traffic	130	30.6	141	36.4		271	33.4	15	30		83	33.2		
periphery low traffic	80	18.8	72	18.6		152	18.7	17	34		51	20.4		
periphery no traffic	7	1.6	7	1.8		14	1.7	1	2		2	0.8		
<b>HOME TRAFFIC</b>					0.65					0.49			0.26	
all the time	56	13.2	59	15.2		115	14.2	6	12		33	13.2		
often	147	34.8	127	32.7		274	33.8	14	28		77	30.8		
rarely	182	43	160	41.2		342	42.2	22	44		122	48.8		
never	38	9	42	10.8		80	9.9	8	16		18	7.2		
<b>YEARS OF EDUCATION</b>					0.1					0.26			0.02	
<=8 (mandatory school)	62	15.2	50	13.3		112	14.3	4	8.2		15	7.8		
9-13 (apprenticeship/A-levels)	164	40.2	129	34.4		293	37.4	16	32.7		92	37.7		
>=14 (college/university)	182	44.6	196	52.3		378	48.3	29	59.2		133	54.5		
<b>STUDYING</b>					0.14					0.22			0.17	
yes	9	2.1	15	3.9		24	2.9	0	0		12	4.8		
no	417	97.9	373	96.1		790	97.1	50	100		238	95.2		
<b>NATIONALITY</b>														
classification														
italian	426	100	388	100		814	100	50	100		250	100		

nd = not determined

Annex II: Table 2/P. General Description of the Base sample in PRAGUE based on the Short Screening Questionnaire

Prague	Women		Men		men/women Chi-Sq-Stat	All		Exposure		expos/total Chi-Sq-Stat	Diary		diary/total Chi-Sq-Stat
	N	%	N	%		N	%	N	%		N	%	
<b>BIRTHYEAR</b>	84		57			141		50			34		
<0	5	5.95	5	8.77	0.410	10	7.09	2	4.00	0.599	2	5.88	0.063
25-34	35	41.67	26	45.61	0.216	61	43.26	23	46.00	0.112	10	29.41	2.180
35-44	24	28.57	14	24.56	0.277	38	26.95	17	34.00	0.895	12	35.29	0.935
45-55	19	22.62	12	21.05	0.049	31	21.99	8	16.00	0.814	10	29.41	0.842
>55	1	1.19	0	0.00	0.683	1	0.71	0	0.00	0.356	0	0.00	0.243
<b>SELF SMOKING</b>													
yes	19	22.62	17	29.82	0.927	36	25.53	11	22.00	0.248	6	17.65	0.934
no	65	77.38	40	70.18	0.927	105	74.47	39	78.00	0.248	28	82.35	0.934
<b>NUMBER OF ADULTS</b>													
1	21	25.00	10	17.54	1.101	31	21.99	13	26.00	0.335	5	14.71	0.889
2	39	46.43	34	59.65	2.377	73	51.77	25	50.00	0.046	20	58.82	0.547
3 or more	24	28.57	13	22.81	0.583	37	26.24	12	24.00	0.097	9	26.47	0.001
<b>NUMBER OF CHILDREN</b>													
0	52	61.90	34	59.65	0.073	86	60.99	28	56.00	0.382	22	64.71	0.160
1	18	21.43	9	15.79	0.697	27	19.15	9	18.00	0.032	6	17.65	0.040
2	11	13.10	12	21.05	1.575	23	16.31	12	24.00	1.458	5	14.71	0.053
3 or more	3	3.57	2	3.51	0.000	5	3.55	1	2.00	0.290	1	2.94	0.030
<b>WORKPLACE</b>													
home	16	19.05	8	14.04	0.604	24	17.02	5	10.00	1.413	7	20.59	0.239
one room	43	51.19	25	43.86	0.731	68	48.23	31	62.00	2.805	16	47.06	0.015
one building	19	22.62	7	12.28	2.413	26	18.44	7	14.00	0.509	9	26.47	1.104
outdoors one place	0	0.00	8	14.04	12.499	8	5.67	2	4.00	0.208	0	0.00	2.021
traffic	0	0.00	6	10.53	9.235	6	4.26	2	4.00	0.006	1	2.94	0.123
other	0	0.00	1	1.75	1.484	1	0.71	1	2.00	0.594	0	0.00	0.243
not working	1	1.19	0	0.00	0.683	1	0.71	0	0.00	0.356	0	0.00	0.243
many places	5	5.95	2	3.51	0.430	7	4.96	2	4.00	0.076	1	2.94	0.257
<b>PARTICIPATION</b>													
yes, willing	47	55.95	29	50.88	0.352	76	53.90	49	98.00	31.742	8	23.53	10.124
yes, diary only	23	27.38	12	21.05	0.729	35	24.82	1	2.00	12.570	26	76.47	32.182
not willing	12	14.29	11	19.30	0.625	23	16.31	0	0.00	9.273	0	0.00	6.385
not living in the area	1	1.19	1	1.75	0.077	2	1.42	0	0.00	0.717	0	0.00	0.488
no, most of time away	0	0.00	4	7.02	6.067	4	2.84	0	0.00	1.449	0	0.00	0.987
<b>COMMUTING</b>													
<b>TO WORK IN SUMMER</b>													
walk or bike	76	90.48	52	91.23	0.023	128	90.78	47	94.00	0.499	29	85.29	0.893
motorbike or scooter	0	0.00	1	1.75	1.484	1	0.71	1	2.00	0.594	0	0.00	0.243
car	3	3.57	15	26.32	15.774	18	12.77	7	14.00	0.049	2	5.88	1.282
bus or tram	55	65.48	37	64.91	0.005	92	65.25	34	68.00	0.124	21	61.76	0.145
train or metro	4	4.76	3	5.26	0.018	7	4.96	0	0.00	2.577	2	5.88	0.047
<b>TO WORK IN WINTER</b>													
walk or bike	75	89.29	52	91.23	0.143	127	90.07	46	92.00	0.161	29	85.29	0.646
motorbike or scooter	0	0.00	0	0.00	0.000	0	0.00	0	0.00	0.000	0	0.00	0.000
car	3	3.57	14	24.56	14.110	17	12.06	6	12.00	0.000	2	5.88	1.079
bus or tram	58	69.05	40	70.18	0.020	98	69.50	39	78.00	1.314	22	64.71	0.293
train or metro	4	4.76	3	5.26	0.018	7	4.96	0	0.00	2.577	2	5.88	0.047
<b>WHEEZE</b>													
yes	34	40.48	29	50.88	1.486	63	44.68	22	44.00	0.007	13	38.24	0.463
no	43	51.19	25	43.86	0.731	68	48.23	24	48.00	0.001	16	47.06	0.015
I do not know	7	8.33	3	5.26	0.486	10	7.09	4	8.00	0.045	5	14.71	2.026
<b>ASTHMA</b>													
yes	2	2.38	6	10.53	4.210	8	5.67	1	2.00	1.110	1	2.94	0.419
no	79	94.05	47	82.46	4.799	126	89.36	48	96.00	2.006	30	88.24	0.036
I do not know	3	3.57	4	7.02	0.855	7	4.96	1	2.00	0.808	3	8.82	0.757
<b>NASAL</b>													
yes	29	34.52	26	45.61	1.755	55	39.01	23	46.00	0.747	5	14.71	7.180
no	47	55.95	28	49.12	0.636	75	53.19	26	52.00	0.021	25	73.53	4.627
I do not know	8	9.52	3	5.26	0.857	11	7.80	1	2.00	2.110	4	11.76	0.549
<b>HOURS SPEND OUTDOORS</b>													
<= 1 h	17	20.24	15	26.32	0.715	32	22.70	10	20.00	0.156	6	17.65	0.411
1.1 - 2 h	20	23.81	9	15.79	1.337	29	20.57	8	16.00	0.493	8	23.53	0.144
2.1 - 4 h	31	36.90	15	26.32	1.732	46	32.62	22	44.00	2.083	12	35.29	0.088
> 4 h	15	17.86	18	31.58	3.567	33	23.40	9	18.00	0.628	8	23.53	0.000
<b>HOME LOCATION</b>													
center high traffic	72	85.71	46	80.70	0.625	118	83.69	44	88.00	0.533	28	82.35	0.035
center low traffic	4	4.76	5	8.77	0.914	9	6.38	2	4.00	0.386	3	8.82	0.255
periphery high traffic	7	8.33	6	10.53	0.195	13	9.22	4	8.00	0.068	2	5.88	0.389
periphery low traffic	1	1.19	0	0.00	0.683	1	0.71	0	0.00	0.356	1	2.94	1.208
periphery no traffic	0	0.00	0	0.00	0.000	0	0.00	0	0.00	0.000	0	0.00	0.000
<b>HOME TRAFFIC</b>													
all the time	51	60.71	42	73.68	2.544	93	65.96	31	62.00	0.254	22	64.71	0.019
often	21	25.00	8	14.04	2.499	29	20.57	10	20.00	0.007	7	20.59	0.000
rarely	7	8.33	5	8.77	0.008	12	8.51	5	10.00	0.101	3	8.82	0.003
never	4	4.76	2	3.51	0.131	6	4.26	4	8.00	1.043	1	2.94	0.123
<b>YEARS OF EDUCATION</b>													
<=9 (mandatory school)	2	2.38	0	0.00	1.377	2	1.42	0	0.00	0.717	0	0.00	0.488
10-12 (apprenticeship)	14	16.67	10	17.54	0.018	24	17.02	4	8.00	2.401	5	14.71	0.106
13-16 (A-levels)	39	46.43	19	33.33	2.405	58	41.13	24	48.00	0.710	13	38.24	0.096
> 16 (university)	29	34.52	27	47.37	2.340	56	39.72	22	44.00	0.280	16	47.06	0.610
<b>STUDYING</b>													
yes	9	10.71	7	12.28	0.083	16	11.35	4	8.00	0.441	3	8.82	0.180
no	75	89.29	49	85.96	0.353	124	87.94	46	92.00	0.621	31	91.18	0.283
<b>NATIONALITY classification</b>													

Annex II: Table 3. Comparison of the Base samples between the EXPOLIS Centres (Short Screening Questionnaire)

	HELSINKI		ATHENS		BASEL		GRENOBLE		MILAN		PRAGUE	
	N	%	N	%	N	%	N	%	N	%	N	%
<b>GENDER</b>												
male	824	44.0	979	49.0	700	52.0	39	42.4	388	47.7	57	40.4
female	1058	56.0	1021	51.1	758	48.0	53	57.6	426	52.3	84	59.6
<b>AGE</b>												
25-34	414	24.0	708	35.4	503	34.5	34	37.0	287	35.3	61	43.3
35-44	616	36.0	668	33.4	475	32.6	23	25.0	249	30.6	38	27.0
45-55	701	41.0	624	31.2	480	32.9	35	38.0	278	34.2	31	22.0
<b>SELF SMOKING</b>												
yes	534	28.0	1042	52.1	497	34.2	0	0.0	273	33.6	36	25.5
no	1343	72.0	958	47.9	955	65.8	92	100.0	539	66.4	105	74.5
<b>NUMBER OF ADULTS</b>												
1	492	26.0	184	9.2	401	28.5	18	19.8	100	12.3	31	22.0
2	1107	59.0	1097	54.9	825	58.6	48	52.7	416	51.4	73	51.8
3 or more	283	15.0	719	36.0	182	12.9	25	27.5	294	36.3	37	26.2
<b>NUMBER OF CHILDREN</b>												
0	1044	55.0	1005	50.5	927	65.8	61	67.0	532	65.4	86	61.0
1	381	20.0	426	21.4	213	15.1	11	12.1	174	21.4	27	19.1
2	325	17.0	475	23.9	198	14.1	16	17.6	87	10.7	23	16.3
3 or more	132	7.0	85	4.3	71	5.0	3	3.3	21	2.6	5	3.5
<b>WORKPLACE</b>												
home	62	3.0	176	8.8	271	19.4	14	15.4	123	15.3	24	17.0
one room	854	47.0	894	44.8	488	34.9	39	42.9	453	56.3	68	48.2
one building	473	26.0	713	35.7	310	22.1	29	31.9	136	16.9	26	18.4
outdoors one place	49	3.0	121	6.1	59	4.2	0	0.0	15	1.9	8	5.7
traffic	54	3.0	124	6.2	38	2.7	0	0.0	22	2.7	6	4.3
other	23	1.0	16	0.8	35	2.5	4	4.4	55	6.8	1	0.7
not working	184	10.0	453	22.7	-	-	4	4.4	0	0.0	1	0.7
many places	122	7.0	0	0.0	199	14.2	1	1.1	0	0.0	7	5.0
<b>COMMUTING</b>												
<b>TO WORK IN WINTER</b>												
walk or bike	553	38.0	Variables		631	49.3	27	24.8	192	22.6	127	90.1
motorbike or scooter	2	0.0	missing		38	3.0	0	0.0	31	3.8	0	0.0
car	706	47.0			262	20.5	58	53.2	369	43.2	17	12.1
bus or tram	577	40.0			502	39.3	26	23.9	231	26.4	98	69.5
train or metro	218	16.0			56	4.4	0	0.0	182	21.0	7	5.0
<b>SENSITIVITY</b>												
noise	163	9.0	476	23.8	-	-			318	39.4	67	47.5
air pollution	257	14.0	248	12.4	-	-			114	14.1	23	16.3
both air & noise	85	5.0	716	35.8	-	-			142	17.6	49	34.8
not particularly sensitive	1329	72.0	560	28.0	-	-			234	29.0	1	0.7
<b>PARTICIPATION</b>												
yes, willing	1377	74.0	Variables		466	32.0	81	88.0	50	6.1	76	53.9
yes, diary only	0	0.0	91	6.2	91	6.2	11	12.0	485	59.6	35	24.8
not willing	376	20.0	missing		746	51.2	0	0.0	186	22.9	23	16.3
not living in the area	41	2.0	75	5.1	75	5.1	0	0.0	19	2.3	2	1.4
no, most of time away	56	3.0			80	5.5	0	0.0	74	9.1	4	2.8



**Annex II: Table 4 Number of Core Questionnaires per EXPOLIS Centre**

	HELSINKI	ATHENS	BASEL	GRENOBLE	MILAN	PRAGUE
<b>EXPOSURE SAMPLE</b>						
<b>Number distributed</b>						
Women	113	26	28	47	27	29
Men	88	24	22	34	23	21
All	201	50	50	81	50	50
<b>Number filled in</b>						
Women	113	26	28	46	27	29
Men	88	24	22	34	23	21
All	201	50	50	80	50	50
<b>% of response</b>						
Women	100	100	100	98	100	100
Men	100	100	100	100	100	100
All	100	100	100	99	100	100
<b>DIARY SAMPLE</b>						
<b>Number sent</b>						
Women	144	45	173	6	133	29
Men	90	26	155	5	136	12
All	234	71	328	11	269	41
<b>Number filled in</b>						
Women	144	32	154	3	124	27
Men	90	18	128	4	126	9
All	234	50	282	7	250	36
<b>% of response</b>						
Women	100	71	89	50	93	93
Men	100	69	83	80	93	75
All	100	70	86	64	93	88
<b>TOTAL</b>						
<b>Number distributed/sent</b>						
Women	257	71	201	53	160	58
Men	178	50	177	39	159	33
All	435	121	378	92	319	91
<b>Number filled in</b>						
Women	257	58	182	49	151	56
Men	178	42	150	38	149	30
All	435	100	332	87	300	86
<b>% of response (average)</b>						
Women	100	86	95	74	97	97
Men	100	85	91	90	96	88
All	100	85	93	82	96	92

**Annex II: Table 5/A. Home environment of the Exposure and Diary samples in ATHENS (Core Questionnaire)**

page 1		WOMEN		women/men		MEN		ALL		EXPOSURE SAMPLE		Expos/diary		DIARY SAMPLE	
	N	%	Chi-Sq-Stat*	N	%	N	%	N	%	N	%	Chi-Sq-Stat*	N	%	
<b>HOME LOCATION</b>															
Downtown	7	12.3	0.408	7	16.7	14	14.1	8	14.1	8	16.0	0.861	6	12.2	
Suburban area, high buildings	22	38.6		20	47.6	42	42.4	21	42.4	21	42.0				
Suburban area, small buildings	28	49.1		15	35.7	43	43.4	21	43.4	21	42.0				
Industrial area	0	0.0		0	0.0	0	0.0	0	0.0	0	0.0				
Other	0	0.0		0	0.0	0	0.0	0	0.0	0	0.0				
<b>HOME BUILDING</b>															
Single family detached	14	24.1	0.171	4	9.5	18	18.0	6	18.0	6	12.0	0.229	12	24.0	
Single family attached	6	10.3		5	11.9	11	11.0	7	14.0	7	14.0				
Office/apartment building	38	65.5		33	78.6	71	71.0	37	74.0	37	74.0				
Industrial building	0	0.0		0	0.0	0	0.0	0	0.0	0	0.0				
Other	0	0.0		0	0.0	0	0.0	0	0.0	0	0.0				
<b>BUILT YEAR</b>															
After 1989	4	6.9	0.691	5	11.9	9	9.0	8	9.0	8	16.0	0.031	1	2.0	
1980-1989	17	29.3		13	31.0	30	30.0	13	30.0	13	26.0				
1970-1979	15	25.9		13	31.0	28	28.0	15	30.0	15	30.0				
Before 1970	16	27.6		9	21.4	25	25.0	13	26.0	13	26.0				
Don't know	6	10.3		2	4.8	8	8.0	1	2.0	1	2.0				
<b>TRAFFIC ON NEARBY STREET</b>															
Heavy	5	8.6	0.636	4	9.5	9	9.0	4	9.0	4	8.0	0.719	5	10.0	
Medium	29	50.0		17	40.5	46	46.0	25	50.0	25	50.0				
Light	24	41.4		21	50.0	45	45.0	21	45.0	21	42.0				

\* Exposure sample versus TMAD only



**Annex II: Table 5/B. Home environment of the Exposure and Diary samples in BASEL (Core Questionnaire)**

page 1		WOMEN		women/men		MEN		ALL		EXPOSURE SAMPLE		Expos/diary		DIARY SAMPLE	
	N	%	N	%	N	%	N	%	N	%	N	%	Chi-Sq-Stat*	N	%
<b>HOME LOCATION</b>															
Downtown	58	32	55	37	113	34	14	28	0.200	99	35				
Suburban area, high buildings	52	29	41	27	93	28	11	22		82	29				
Suburban area, small buildings	62	34	48	32	110	33	20	40		90	32				
Industrial area	5	3	3	2	8	2	2	4		6	2				
Other	5	3	3	2	8	2	3	6		5	2				
<b>HOME BUILDING</b>															
Single family detached	5	3	4	3	9	3	0	0	0.073	9	3				
Single family attached	32	18	26	17	58	18	13	26		45	16				
Office/apartment building	138	76	117	78	255	77	34	68		221	79				
Industrial building	-	-	-	-	-	-	-	-		-	-				
Other	6	3	3	2	9	3	3	6		6	2				
<b>BUILT YEAR</b>															
After 1989	3	2	1	1	4	1	0	0	0.783	4	1				
1980-1989	6	3	5	3	11	3	1	2		10	4				
1970-1979	11	6	6	4	17	5	3	6		14	5				
Before 1970	152	84	135	90	287	86	45	90		242	86				
Don't know	10	5	3	2	13	4	1	2		12	4				
<b>TRAFFIC ON NEARBY STREET</b>															
Heavy	39	22	25	17	64	19	9	18	0.319	55	20				
Medium	59	33	67	45	126	38	15	30		111	40				
Light	83	46	58	39	141	43	26	52		115	41				

\* Exposure sample versus TMAD only

**Annex II: Table 5/G. Home environment of the Exposure and Diary samples in GRENOBLE (Core Questionnaire)**

page 1		WOMEN		women/men	MEN		ALL		EXPOSURE SAMPLE		Expos/diary	DIARY SAMPLE		
	N	%	Chi-Sq-Stat	N	%	N	%	N	%	N	%	Chi-Sq-Stat	N	%
<b>HOME LOCATION</b>														
Downtown	17	34.69	0.000*	14	36.84	31	35.63	30	37.50	1	14.29	0,077*	1	14.29
Suburban area, high buildings	17	34.69		6	15.79	23	26.44	20	25.00	3	42.86		3	42.86
Suburban area, small buildings	15	30.61		18	47.37	33	37.93	30	37.50	3	42.86		3	42.86
Industrial area	0	0.00		0	0.00	0	0.00	0	0.00	0	0.00		0	0.00
Other	0	0.00		0	0.00	0	0.00	0	0.00	0	0.00		0	0.00
<b>HOME BUILDING</b>														
Single family detached	3	6.12	0,452*	12	31.58	15	17.24	14	17.50	1	14.29	0,011*	1	14.29
Single family attached	4	8.16		1	2.63	5	5.75	4	5.00	1	14.29		1	14.29
Office/apartment building	42	85.71		25	65.79	67	77.01	62	77.50	5	71.43		5	71.43
Industrial building	0	0.00		0	0.00	0	0.00	0	0.00	0	0.00		0	0.00
Other	0	0.00		0	0.00	0	0.00	0	0.00	0	0.00		0	0.00
<b>BUILT YEAR</b>														
After 1989	4	8.16	0,383*	6	15.79	10	11.49	10	12.50	0	0.00	0,023*	0	0.00
1980-1989	5	10.20		4	10.53	9	10.34	9	11.25	0	0.00		0	0.00
1970-1979	10	20.41		5	13.16	15	17.24	15	18.75	0	0.00		0	0.00
Before 1970	26	53.06		18	47.37	44	50.57	37	46.25	7	100.00		7	100.00
Don't know	4	8.16		5	13.16	9	10.34	9	11.25	0	0.00		0	0.00
<b>TRAFFIC ON NEARBY STREET</b>														
Heavy	19	44.19	0.000	4	13.79	23	31.94	21	32.31	2	28.57	0,99*	2	28.57
Medium	11	25.58		14	48.28	25	34.72	22	33.85	3	42.86		3	42.86
Light	13	30.23		11	37.93	24	33.33	22	33.85	2	28.57		2	28.57

\* Expected value(s) < 5 : exact Fisher test

**Annex II: Table 5/H. Home environment of the Exposure and Diary samples in HELSINKI (Core Questionnaire)**

page 1		WOMEN		women/men		MEN		ALL		EXPOSURE SAMPLE		Expos/diary		DIARY SAMPLE	
	N	%	N	%	Chi-Sq-Stat*	N	%	N	%	N	%	N	%	N	%
<b>HOME LOCATION</b>															
Downtown	43	17	32	18	0.208	75	17	44	22	31	13	0.011	31	13	
Suburban area, high buildings	106	41	70	39		176	40	80	40	96	41		96	41	
Suburban area, small buildings	104	40	74	42		178	41	73	36	105	45		105	45	
Industrial area	4	2	0	0		4	1	4	2	0	0		0	0	
Other	0	0	2	1		2	0	0	0	2	1		2	1	
<b>HOME BUILDING</b>															
Single family detached	34	13	26	15	0.369	60	14	24	12	36	15		36	15	
Single family attached	61	24	54	30		115	27	51	25	64	27		64	27	
Office/apartment building	156	61	96	54		252	58	122	61	130	56		130	56	
Industrial building	0	0	0	0		0	0	0	0	0	0		0	0	
Other	5	2	2	1		7	2	4	2	3	1		3	1	
<b>BUILT YEAR</b>															
After 1989	37	14	35	20	0.288	72	17	33	16	39	17		39	17	
1980-1989	68	26	56	31		724	29	50	25	74	32		74	32	
1970-1979	51	20	27	15		78	18	43	21	35	15		35	15	
Before 1970	100	39	59	33		159	37	73	36	86	37		86	37	
Don't know	1	0	1	1		2	0	2	1	0	0		0	0	
<b>TRAFFIC ON NEARBY STREET</b>															
Heavy	32	12	25	14	0.732	57	13	39	19	18	8		18	8	
Medium	94	37	59	33		153	35	64	32	89	38		89	38	
Light	131	51	94	53		225	52	98	49	127	54		127	54	

\* Exposure sample versus TMAD only

**Annex II: Table 5/M. Home environment of the Exposure and Diary samples in MILAN (Core Questionnaire)**

page 1		WOMEN		women/men		MEN		ALL		EXPOSURE SAMPLE		Expos/diary		DIARY SAMPLE		
	N	%	Chi-Sq-Stat*	N	%	N	%	N	%	N	%	N	Chi-Sq-Stat*	N	%	
<b>HOME LOCATION</b>																
Downtown	82	54.3	0.08	61	40.9	143	47.7	20	40	123	49.2	0.01				
Suburban area, high buildings	47	31.1		58	38.9	105	35	24	48	81	32.4					
Suburban area, small buildings	21	13.9		30	20.1	51	17	5	10	46	18.4					
Industrial area	0	0		0	0	0	0	0	0	0	0					
Other	1	0.7		0	0	1	0.3	1	2	0	0					
<b>HOME BUILDING</b>																
Single family detached	1	0.7	0.59	3	2	4	1.3	0	0	4	1.6					
Single family attached	10	6.6		10	6.7	20	6.7	2	4	18	7.2					
Office/apartment building	140	92.7		136	91.3	276	92	48	96	228	91.2					
Industrial building	0	0		0	0	0	0	0	0	0	0					
Other	0	0		0	0	0	0	0	0	0	0					
<b>BUILT YEAR</b>																
After 1989	1	0.7	0.54	5	3.4	6	2	1	2	5	2					
1980-1989	10	6.6		12	8.1	22	7.3	4	8	18	7.2					
1970-1979	25	16.6		23	15.4	48	16	3	6	45	18					
Before 1970	111	73.5		105	70.5	216	72	40	80	176	70.4					
Don't know	4	2.6		4	2.7	8	2.7	2	4	6	2.4					
<b>TRAFFIC ON NEARBY STREET</b>																
Heavy	52	34.4	0.08	37	24.8	89	29.7	13	26	76	30.4					
Medium	67	44.4		66	44.3	133	44.3	25	50	108	43.2					
Light	32	21.2		46	30.9	78	26	12	24	66	26.4					

\* Exposure sample versus TMAD only

**Annex II: Table 5/P. Home environment description of the Exposure and Diary samples in PRAGUE (Core Questionnaire)**

page 1		WOMEN		women/men		MEN		ALL		EXPOSURE SAMPLE		Expos/diary		DIARY SAMPLE	
		N	%	Chi-Sq-Stat	N	%	N	%	N	%	N	%	Chi-Sq-Stat	N	%
<b>HOME LOCATION</b>															
Downtown	45	81.8	0.236	23	82.1	69	80.2	44	88	0.050	24	72.7			
Suburban area, high buildings	4	7.2	0.329	1	3.5	7	8.1	2	4	0.230	3	9			
Suburban area, small buildings	1	1.8	0.663	0	0	1	1.1	0	0	0.398	1	3			
Industrial area	5	9	0.217	4	14.2	9	10.4	4	8	0.166	5	15.1			
Other	0	0		0	0	0	0	0	0		0	0			
<b>HOME BUILDING</b>															
Single family detached	0	0	0.337	1	3.5	1	1.1	1	2	0.602	0	0			
Single family attached	1	1.8	0.663	0	0	1	1.1	1	2	0.602	0	0			
Office/apartment building	54	98.1	0.453	27	96.4	84	97.6	48	96	0.360	33	100			
Industrial building	0	0		0	0	0	0	0	0		0	0			
Other	0	0		0	0	0	0	0	0		0	0			
<b>BUILT YEAR</b>															
After 1989	1	1.8	0.663	0	0	1	1.1	0	0	0.398	1	3			
1980-1989	0	0		0	0	0	0	0	0		0	0			
1970-1979	1	1.8	0.226	2	7.1	4	4.6	2	4	0.440	1	3			
Before 1970	49	89	0.177	23	82.1	74	86	45	90	0.145	27	81.8			
Don't know	4	7.2	0.269	3	10.7	7	8.1	3	6	0.193	4	12.1			
<b>TRAFFIC ON NEARBY STREET</b>															
Heavy	40	72.7	0.183	22	78.5	63	73.2	39	78	0.141	23	69.6			
Medium	10	18.1	0.236	5	17.8	17	19.7	7	14	0.114	8	24.2			
Light	5	9	0.258	1	3.5	6	6.9	4	8	0.322	2	6			

\* Exposure sample versus TMAD only

Annex II: Table 6/A. Home description of the Exposure and Diary samples in ATHENS (Core Questionnaire)

page 1	WOMEN		MEN		ALL		EXPOSURE SAMPLE		DIARY SAMPLE	
	N	%	N	%	N	%	N	%	N	%
<b>HOME MATERIALS</b>										
Wall to wall carpet	9	15.5	10	23.8	19	19.0	8	16	11	22.0
Other carpets	44	75.9	31	73.8	75	75.0	35	70	40	80.0
Curtains	56	96.6	39	92.9	95	95.0	47	94	48	96.0
Soft furnishings	53	91.4	35	83.3	88	88.0	43	86	45	90.0
Double glazing	19	32.8	14	33.3	33	33.0	14	28	19	38.0
Linoleum floor	0	0.0	0	0.0	0	0.0	0	0	0	0.0
PVC floor	5	8.6	0	0.0	5	5.0	1	2	4	8.0
Wooden floor	41	70.7	36	85.7	77	77.0	37	74	40	80.0
Wooden panels	2	3.4	0	0.0	2	2.0	1	2	1	2.0
Plaster board	27	46.6	13	31.0	40	40.0	18	36	22	44.0
Chipboard	0	0.0	0	0.0	0	0.0	0	0	0	0.0
Wallpaper	3	5.2	0	0.0	3	3.0	2	4	1	2.0
None of above	0	0.0	0	0.0	0	0.0	0	0	0	0.0
<b>HEATING SYSTEM</b>										
District	9	15.5	7	16.7	16	16.0	10	20	6	12.0
Central	44	75.9	30	71.4	74	74.0	33	66	41	82.0
Single electric	10	17.2	6	14.3	16	16.0	13	26	3	6.0
Single gas	5	8.6	0	0.0	5	5.0	2	4	3	6.0
Single coal	0	0.0	0	0.0	0	0.0	0	0	0	0.0
Single wood	0	0.0	0	0.0	0	0.0	0	0	0	0.0
Single kerosene/paraffine	2	3.4	0	0.0	2	2.0	0	0	2	4.0
Single fuel/oil	1	1.7	2	4.8	3	3.0	1	2	2	4.0
Fire place	15	25.9	6	14.3	21	21.0	12	24	9	18.0
No heating	0	0.0	0	0.0	0	0.0	0	0	0	0.0
Other heating	3	5.2	1	2.4	4	4.0	2	4	2	4.0
<b>OTHER EQUIPMENT</b>										
Air conditioning	25	43.1	21	50.0	46	46.0	20	40	26	52.0
Humidifier	1	1.7	2	4.8	3	3.0	1	2	2	4.0
Electric/filter cleaner or ioniz	1	1.7	0	0.0	1	1.0	0	1	1	2.0
None of above	32	55.2	21	0.0	53	53.0	30	60	23	46.0
<b>COOKER</b>										
Electric	58	100.0	40	95.2	98	98.0	48	96	50	100.0
Gas	4	6.9	6	14.3	10	10.0	9	18	1	2.0
Solid fuels	1	1.7	0	0.0	1	1.0	1	2	0	0.0
Other	0	0.0	0	0.0	0	0.0	0	0	0	0.0
No cooker	0	0.0	2	4.8	2	2.0	2	4	0	0.0
<b>KITCHEN FAN/VENT</b>										
yes, air back to kitchen	3	5.2	1	2.4	4	4.0	0	0	4	8.0
yes, extractor with switch	43	74.1	33	78.6	76	76.0	41	82	35	70.0
yes, connected to ventilation	2	3.4	3	7.1	5	5.0	2	4	3	6.0
no	10	17.2	5	11.9	15	15.0	7	14	8	16.0
don't know	0	0.0	0	0.0	0	0.0	0	0	0	0.0
<b>SMOKING AT HOME</b>										
Yes	27.0	46.6	15.0	35.7	42.0	42.0	17.0	34	25.0	50.0
No	31.0	53.4	27.0	64.3	58.0	58.0	33.0	66	25.0	50.0

\* Exposure sample versus TMAD only

Annex II: Table 6/B. Home description of the Exposure and Diary samples in BASEL (Core Questionnaire)

page 1	WOMEN		MEN		ALL		EXPOSURE SAMPLE		DIARY SAMPLE	
	N	%	N	%	N	%	N	%	N	%
<b>HOME MATERIALS</b>										
Wall to wall carpet	111	61	90	60	201	61	31	62	170	60
Other carpets	129	71	97	65	226	68	37	74	189	67
Curtains	141	77	102	68	243	73	38	76	205	73
Soft furnishings	147	81	124	83	271	82	40	80	231	82
Double glazing	145	80	116	77	261	79	39	78	222	79
Linoleum floor	56	31	41	27	97	29	14	28	83	29
PVC floor	58	32	56	37	114	34	15	30	99	35
Wooden floor	135	74	121	81	256	77	42	84	214	76
Wooden panels	51	28	44	29	95	29	10	20	85	30
Plaster board	128	70	127	85	255	77	39	78	216	77
Chipboard	23	13	25	17	48	14	14	28	34	12
Wallpaper	133	73	126	84	259	78	39	78	220	78
None of above	0	0	0	0	0	0	0	0	0	0
<b>HEATING SYSTEM</b>										
District	59	32	51	34	110	33	17	34	93	33
Central	111	61	96	64	207	62	30	60	177	63
Single electric	14	8	9	6	23	7	3	6	20	7
Single gas	25	14	19	13	44	13	5	10	39	14
Single coal	3	2	2	1	4	1	2	4	2	1
Single wood	11	6	6	4	17	5	4	8	13	5
Single kerosene/paraffine	1	1	0	0	1	0	0	0	1	0
Single fuel/oil	24	13	18	12	42	13	8	16	34	12
Fire place	11	6	13	9	24	7	5	10	19	7
No heating	0	0	0	0	0	0	0	0	0	0
Other heating	2	1	0	0	2	1	1	2	1	0
<b>OTHER EQUIPMENT</b>										
Air conditioning	2	1	3	2	5	2	1	2	4	1
Humidifier	35	20	28	19	63	20	10	20	53	19
Electric/filter cleaner or ionizer	9	5	3	2	12	4	3	6	9	3
None of above	134	76	111	76	245	76	36	73	209	76
<b>COOKER</b>										
Electric	124	68	97	65	221	67	36	72	185	66
Gas	63	35	59	39	122	37	18	36	104	37
Solid fuels	0	0	1	1	1	0	0	0	1	0
Other	1	1	0	0	1	0	0	0	1	0
No cooker	0	0	0	0	0	0	0	0	0	0
<b>KITCHEN FAN/VENT</b>										
yes, air back to kitchen	14	8	17	11	31	9	4	8	27	10
yes, extractor with switch	88	48	67	45	155	47	26	52	129	46
yes, connected to ventilation	18	10	9	6	27	8	3	6	24	9
no	61	34	56	38	117	35	17	34	100	36
don't know	1	1	0	0	1	0	0	0	1	0
<b>SMOKING AT HOME</b>										
Yes	53	30	33	22	86	26	11	22	75	27
No	125	70	116	78	241	74	38	78	203	73



Annex II: Table 6(G). Home description of the Exposure and Diary samples in GRENOBLE (Core Questionnaire)

page 1	WOMEN		men/women		MEN		ALL		EXPOSURE SAMPLE		Expos/diary		DIARY SAMPLE	
	N	%	Chi-Sq-Stat	0,18*	N	%	N	%	N	%	Chi-Sq-Stat	N	%	
<b>HOME MATERIALS</b>														
Wall to wall carpet	28	11.62			16	10.39	44	11.14	42	11.60	0,000*	2	6.06	
Other carpets	22	9.13			17	11.04	39	9.87	36	9.94		3	9.09	
Curtains	40	16.60			28	18.18	68	17.22	62	17.13		6	18.18	
Soft furnishings	13	5.39			12	7.79	25	6.33	22	6.08		3	9.09	
Double glazing	32	13.28			11	7.14	43	10.89	39	10.77		4	12.12	
Linoleum floor	10	4.15			9	5.84	19	4.81	16	4.42		3	9.09	
PVC floor	9	3.73			5	3.25	14	3.54	12	3.31		2	6.06	
Wooden floor	23	9.54			16	10.39	39	9.87	35	9.67		4	12.12	
Wooden panels	11	4.56			4	2.60	15	3.80	15	4.14		0	0.00	
Plaster board	16	6.64			11	7.14	27	6.84	27	7.46		0	0.00	
Chipboard	1	0.41			1	0.65	2	0.51	2	0.55		0	0.00	
Wallpaper	36	14.94			24	15.58	60	15.19	54	14.92		6	18.18	
None of above	0	0.00			0	0.00	0	0.00	0	0.00		0	0.00	
<b>HEATING SYSTEM</b>														
District	3	5.66		0,631*	0	0.00	3	3.16	3	3.41	0,000*	0	0.00	
Central	17	32.08			10	23.81	27	28.42	23	26.14		4	57.14	
Single electric	7	13.21			11	26.19	18	18.95	18	20.45		0	0.00	
Single gas	21	39.62			17	40.48	38	40.00	36	40.91		2	28.57	
Single coal	0	0.00			0	0.00	0	0.00	0	0.00		0	0.00	
Single wood	0	0.00			0	0.00	0	0.00	0	0.00		0	0.00	
Single kerosene/paraffine	0	0.00			1	2.38	1	1.05	0	0.00		1	14.29	
Single fuel/oil	1	1.89			3	7.14	4	4.21	4	4.55		0	0.00	
Fire place	4	7.55			0	0.00	4	4.21	4	4.55		0	0.00	
No heating	0	0.00			0	0.00	0	0.00	0	0.00		0	0.00	
Other heating	0	0.00			0	0.00	0	0.00	0	0.00		0	0.00	
<b>OTHER EQUIPMENT</b>														
Air conditioning	0	0.00		0,49*	1	2.50	1	1.12	1	1.22	0,003*	0	0.00	
Humidifier	0	0.00			3	7.50	3	3.37	3	3.66		0	0.00	
Electric/filter cleaner or ionizer	1	2.04			3	7.50	4	4.49	4	4.88		0	0.00	
None of above	48	97.96			33	82.50	81	91.01	74	90.24		7	100.00	
<b>COOKER</b>														
Electric	26	38.81		0,005	22	44.90	48	41.38	43	40.57		5	50.00	
Gas	41	61.19			27	55.10	68	58.62	63	59.43		5	50.00	
Other fuels	0	0.00			0	0.00	0	0.00	0	0.00		0	0.00	
Other	0	0.00			0	0.00	0	0.00	0	0.00		0	0.00	
No cooker	0	0.00			0	0.00	0	0.00	0	0.00		0	0.00	
<b>KITCHEN FAN/VENT</b>														
yes, air back to kitchen	8	16.33		0,72*	7	18.42	15	17.24	14	17.50	0,001*	1	14.29	
yes, extractor with switch	22	44.90			17	44.74	39	44.83	38	47.50		1	14.29	
yes, connected to ventilation	6	12.24			9	23.68	15	17.24	11	13.75		4	57.14	
no	11	22.45			5	13.16	16	18.39	15	18.75		1	14.29	
don't know	2	4.08			0	0.00	2	2.30	2	2.50		0	0.00	
<b>SMOKING EXPOSURE AT HOME</b>														
Yes	5	10.20		0,91*	2	5.26	7	8.05	7	8.75	0,134*	0	0.00	
No	44	89.80			36	94.74	80	91.95	73	91.25		7	100.00	

\* Expected value(s) < 5 : exact Fisher test



Annex II: Table 6/H. Home description of the Exposure and Diary samples in HELSINKI (Core Questionnaire)

page 1	WOMEN		men/women		MEN		ALL		EXPOSURE SAMPLE		Expos/diary		DIARY SAMPLE		
	N	%	Chl-Sq-Stat*	N	%	N	%	N	%	N	%	Chl-Sq-Stat*	N	%	
<b>HOME MATERIALS</b>															
Wall to wall carpet	14	5	0.186	5	3	19	4	4	10	5	0.566	9	4		
Other carpets	248	97	0.016	162	91	410	94	187	93	0.312	223	95			
Curtains	244	95	0.331	165	93	409	94	188	94	0.689	221	94			
Soft furnishings	223	87	0.939	154	87	377	87	181	90	0.054	196	84			
Double glazing	36	14	0.619	22	12	58	13	25	12	0.611	33	14			
Linoleum floor	123	48	0.982	85	48	208	48	94	47	0.685	114	49			
PVC floor	147	57	0.469	108	61	255	58	120	60	0.671	135	58			
Wooden floor	78	30	0.898	53	30	131	30	56	28	0.342	75	32			
Wooden panels	104	40	0.164	84	47	188	43	81	40	0.255	107	46			
Plaster board	60	23	0.952	42	24	102	23	50	25	0.515	52	22			
Chipboard	168	65	0.317	108	61	276	63	127	63	0.916	149	64			
None of above	0	0		0	0	0	0	0	0	0	0	0	0		
<b>HEATING SYSTEM</b>															
District	199	77	0.190	128	72	327	75	152	76	0.841	175	75			
Central	27	11	0.107	28	16	55	13	33	16	0.028	22	9			
Single electric	37	14	0.701	28	16	65	15	27	13	0.413	38	16			
Single gas	0	0		0	0	0	0	0	0	0	0	0			
Single coal	0	0		0	0	0	0	0	0	0	0	0			
Single wood	7	3	0.482	7	4	14	3	6	3	0.798	8	3			
Single kerosene/paraffine	0	0		0	0	0	0	0	0	0	0	0			
Single fuel/oil	8	4	0.607	4	3	12	4	5	3	0.763	7	4			
Fire place	31	12	0.933	21	12	52	12	26	13	0.559	26	11			
No heating	0	0		0	0	0	0	0	0	0	0	0			
Other heating	14	6	0.963	10	6	24	6	9	5	0.435	15	6			
<b>OTHER EQUIPMENT</b>															
Air conditioning	5	2	0.515	2	1	7	2	2	1	0.334	5	2			
Humidifier	13	5	0.259	5	3	18	4	4	2	0.034	14	6			
Electric/filter cleaner or ionizer	31	12	0.352	16	9	47	11	15	8	0.032	32	14			
None of above	209	82	0.084	152	88	361	84	180	90	0.002	181	79			
<b>COOKER</b>															
Electric	238	93	0.633	164	92	402	92	188	94	0.524	214	91			
Gas	16	6		10	6	26	6	10	5		16	7			
Solid fuels	0	0		1	1	1	0	1	1		0	0			
Other	0	0		0	0	0	0	0	0		0	0			
No cooker	3	1		3	2	6	1	2	1		4	2			
<b>KITCHEN FAN/VENT</b>															
yes, air back to kitchen	30	12	0.428	16	9	46	11	20	10	0.314	26	11			
yes, extractor with switch	112	44		83	47	195	45	89	44		106	45			
yes, connected to ventilation	92	36		70	39	162	37	80	40		82	35			
no	20	8		9	5	29	7	10	5		19	8			
don't know	2	1		0	0	2	0	2	1		0	0			
<b>SMOKING AT HOME</b>															
Yes	24	9	0.774	18	10	42	10	19	9	0.863	23	10			
No	233	91		159	90	392	90	182	91		210	90			

\* Exposure sample versus TMAD only

Annex II: Table 6/M. Home description of the Exposure and Diary samples in MILAN (Core Questionnaire)

	WOMEN		women/men Chi-Sq-Stat*	MEN		ALL		EXPOSURE SAMPLE		Expos/diary Chi-Sq-Stat*	DIARY SAMPLE	
	N	%		N	%	N	%	N	%		N	%
<b>HOME MATERIALS</b>												
Wall to wall carpet	28	18.5	0.38	22	14.8	50	16.7	6	12	0.33	44	17.6
Other carpets	114	75.5	0.39	106	71.1	220	73.3	36	72	0.81	184	73.6
Curtains	130	86.1	0.59	125	83.9	255	85	37	74	0.02	218	87.2
Soft furnishings	87	57.6	0.000	56	37.6	143	47.7	23	46	0.8	120	48
Double glazing	65	43	0.04	82	55	147	49	28	56	0.28	119	47.6
Linoleum floor	7	4.6	0.77	8	5.4	15	5	2	4	0.72	13	5.2
PVC floor	5	3.3	0.48	3	2	8	2.7	1	2	0.75	7	2.8
Wooden floor	89	58.9	0.49	82	55	171	57	25	50	0.27	146	58.4
Wooden panels	7	4.6	0.03	17	11.4	24	8	5	10	0.57	19	7.6
Plaster board	117	77.5	0.38	109	73.2	226	75.3	50	100	0.000	176	70.4
Chipboard	23	15.2	0.26	30	20.1	53	17.7	7	14	0.46	46	18.4
Wallpaper	40	26.5	0.55	35	23.5	75	25	7	14	0.05	68	27.2
None of above	0	0	0.15	2	1.3	2	0.7	0	0	0.52	2	0.8
<b>HEATING SYSTEM</b>												
District	8	5.3	0.12	15	10.1	23	7.7	2	4	0.28	21	8.4
Central	120	79.5	0.07	105	70.5	225	75	35	70	0.37	190	76
Single electric	5	3.3	0.74	6	4	11	3.7	2	4	0.89	9	3.6
Single gas	26	17.2	0.61	29	19.5	55	18.3	11	22	0.46	44	17.6
Single coal	0	0	0	0	0	0	0	0	0	0	0	0
Single wood	0	0	0	0	0	0	0	0	0	0	0	0
Single kerosene/paraffine	0	0	0.31	1	0.7	1	0.3	1	2	0.02	0	0
Single fuel/oil	0	0	0	0	0	0	0	0	0	0	0	0
Fire place	10	6.6	0.97	10	6.7	20	6.7	1	2	0.15	19	7.6
No heating	0	0	0	0	0	0	0	0	0	0	0	0
Other heating	0	0	0	0	0	0	0	0	0	0	0	0
<b>OTHER EQUIPMENT</b>												
Air conditioning	13	8.6	0.24	19	12.8	32	10.7	4	8	0.5	28	11.2
Humidifier	11	7.3	0.06	21	14.1	32	10.7	4	8	0.5	28	11.2
Electric/fitter cleaner or ionizer	3	2	0.19	7	4.7	10	3.3	0	0	0.15	10	4
None of above	129	85.4	0.01	110	73.8	239	79.7	43	86	0.22	196	78.4
<b>COOKER</b>												
Electric	74	49	0.35	65	43.6	139	46.3	22	44	0.72	117	46.8
Gas	146	96.7	0.1	148	99.3	294	98	48	96	0.27	246	98.4
Solid fuels	2	1.3	0.16	0	0	2	0.7	1	2	0.2	1	0.4
Other	0	0	0	0	0	0	0	0	0	0	0	0
No cooker	0	0	0	0	0	0	0	0	0	0	0	0
<b>KITCHEN FAN/VENT</b>												
yes, air back to kitchen	40	26.7	0.000	68	45.6	108	36.1	17	34	0.8	91	36.5
yes, extractor with switch	68	45.3		46	30.9	114	38.1	22	44		92	36.9
yes, connected to ventilation	21	14		27	18.1	48	16.1	8	16		40	16.1
no	20	13.3		7	4.7	27	9	3	6		24	9.6
don't know	1	0.7		1	0.7	2	0.7	0	0		2	0.8
<b>SMOKING AT HOME</b>												
Yes	60	39.7	0.13	72	48.3	132	44	25	50	0.35	107	42.8
No	91	60.3		77	51.7	168	56	25	50		143	57.2

\* Exposure sample versus TMAD only

table 7. - p value

Annex II: Table 6/P. Home description of the Exposure and Diary samples in PRAGUE (Core Questionnaire)

page 1	WOMEN		MEN		ALL		EXPOSURE SAMPLE		Expos/diary		DIARY SAMPLE	
	N	%	N	%	N	%	N	%	Chi-Sq-Stat	Chi-Sq-Stat	N	%
<b>HOME MATERIALS</b>												
Wall to wall carpet	35	63.6	24	85.7	62	72.1	33	66.0	0.092	0.092	26	78.8
Other carpets	21	38.2	8	28.6	29	33.7	16	32.0	0.146	0.146	13	39.4
Curtains	49	89.1	26	92.9	78	90.7	47	94.0	0.118	0.118	28	84.8
Soft furnishings	46	83.6	18	64.3	66	76.7	37	74.0	0.154	0.154	27	81.8
Double glazing	45	81.8	24	85.7	72	83.7	43	86.0	0.161	0.161	26	78.8
Linoleum floor	12	21.8	5	17.9	17	19.8	10	20.0	0.215	0.215	7	21.2
PVC floor	3	5.5	3	10.7	6	7.0	4	8.0	0.322	0.322	2	6.1
Wooden floor	25	45.5	9	32.1	35	40.7	18	36.0	0.096	0.096	16	48.5
Wooden panels	3	5.5	3	10.7	6	7.0	4	8.0	0.322	0.322	2	6.1
Plaster board	0	0.0	1	3.6	1	1.2	1	2.0	0.602	0.602	0	0.0
Chipboard	3	5.5	2	7.1	5	5.8	2	4.0	0.230	0.230	3	9.1
Wallpaper	7	12.7	6	21.4	13	15.1	9	18.0	0.194	0.194	4	12.1
None of above	0	0.0	0	0.0	0	0.0	0	0.0			0	0.0
<b>HEATING SYSTEM</b>												
District	0	0.0	1	3.6	1	1.2	1	2.0	0.602	0.602	0	0.0
Central	19	34.5	9	32.1	29	33.7	18	36.0	0.164	0.164	10	30.3
Single electric	12	21.8	8	28.6	21	24.4	10	20.0	0.116	0.116	10	30.3
Single gas	27	49.1	13	46.4	41	47.7	23	46.0	0.158	0.158	17	51.5
Single coal	0	0.0	2	7.1	2	2.3	2	4.0	0.360	0.360	0	0.0
Single wood	0	0.0	1	3.6	1	1.2	1	2.0	0.602	0.602	0	0.0
Single kerosene/paraffine	0	0.0	0	0.0	0	0.0	0	0.0			0	0.0
Single fuel/oil	1	1.8	0	0.0	1	1.2	0	0.0	0.398	0.398	1	3.0
Fire place	0	0.0	0	0.0	0	0.0	0	0.0			0	0.0
No heating	0	0.0	0	0.0	0	0.0	0	0.0			0	0.0
Other heating	0	0.0	0	0.0	0	0.0	0	0.0			0	0.0
<b>OTHER EQUIPMENT</b>												
Air conditioning	0	0.0	1	3.6	1	1.2	0	0.0	0.398	0.398	1	3.0
Humidifier	2	3.6	2	7.1	4	4.7	2	4.0	0.352	0.352	2	6.1
Electric/filter cleaner or io	4	7.3	3	10.7	7	8.1	4	8.0	0.303	0.303	3	9.1
None of above	49	89.1	22	78.6	74	86.0	44	88.0	0.182	0.182	27	81.8
<b>COOKER</b>												
Electric	33	60.0	15	53.6	49	57.0	27	54.0	0.125	0.125	21	63.6
Gas	39	70.9	21	75.0	62	72.1	36	72.0	0.197	0.197	24	72.7
Solid fuels	0	0.0	0	0.0	0	0.0	0	0.0			0	0.0
Other	0	0.0	0	0.0	0	0.0	0	0.0			0	0.0
No cooker	0	0.0	0	0.0	0	0.0	0	0.0			0	0.0
<b>KITCHEN FAN/VENT</b>												
yes, air back to kitchen	2	3.6	4	14.3	6	7.0	5	10.0	0.185	0.185	1	3.0
yes, extractor with switch	15	27.3	8	28.6	24	27.9	11	22.0	0.072	0.072	12	36.4
yes, connected to ventilat	0	0.0	1	3.6	1	1.2	1	2.0	0.602	0.602	0	0.0
no	38	69.1	15	53.6	55	64.0	33	66.0	0.162	0.162	20	60.6
don't know	0	0.0	0	0.0	0	0.0	0	0.0			0	0.0
<b>SMOKING AT HOME</b>												
Yes	20	36.4	6	21.4	28	32.6	15	30.0	0.180	0.180	11	33.3
No	35	63.6	22	78.6	58	67.4	35	70.0	0.180	0.180	22	66.7

\* Exposure sample versus TMAD only

**Annex II: Table 7/A. Work environment of the Exposure and Diary samples in ATHENS (Core Questionnaire)**

page 1		WOMEN		women/men	MEN		ALL		EXPOSURE SAMPLE		Expos/diary	DIARY SAMPLE	
	N	%	Chi-Sq-Stat*	N	%	N	%	N	%	N	Chi-Sq-Stat*	N	%
<b>WORK LOCATION</b>													
Downtown	10	33.3	0.517	11	31.4	21	32.3	11	33.3	10	0.505	10	32.3
Suburban area, high buildings	8	26.7		7	20.0	15	23.1	7	21.2	8		8	23.1
Suburban area, small buildings	9	30.0		9	25.7	18	27.7	11	33.3	7		7	27.7
Industrial area	3	10.0		5	14.3	8	12.3	2	6.1	6		6	12.3
Other	0		0.275	3	8.6	3	4.6	2	6.1	1		1	4.6
<b>WORK BUILDING</b>													
Single family detached	6	13.8		2	5.7	6	9.4	2	6.3	4	0.542	4	12.5
Single family attached	4	10.3		1	2.9	4	6.3	3	9.4	1		1	3.1
Office/apartment building	35	55.2		19	54.3	35	54.7	17	53.1	18		18	56.3
Industrial building	10	6.9		8	22.9	10	15.6	4	12.5	6		6	18.8
Other	9	13.8	0.763	5	14.3	9	14.1	6	18.8	3		3	9.4
<b>BUILT YEAR</b>													
After 1989	3	10.0		5	14.3	8	12.3	4	12.1	4	0.619	4	12.5
1980-1989	3	10.0		5	14.3	8	12.3	6	18.2	2		2	6.3
1970-1979	8	26.7		9	25.7	17	26.2	7	21.2	10		10	31.3
Before 1970	8	26.7		11	31.4	19	29.2	9	27.3	10		10	31.3
Don't know	8	26.7	0.500	5	14.3	13	20.0	7	21.2	6		6	18.8
<b>TRAFFIC ON NEARBY STREET</b>													
Heavy	17	56.7		18	51.4	35	53.8	14	42.4	21	0.161	21	65.6
Medium	8	26.7		7	20.0	15	23.1	10	30.3	5		5	15.6
Light	5	16.7		10	28.6	15	23.1	9	27.3	6		6	18.8

\* Exposure sample versus TMAD only

**Annex II: Table 7/B. Work environment of the Exposure and Diary samples in BASEL (Core Questionnaire)**

page 1		WOMEN		women/men		MEN		ALL		EXPOSURE SAMPLE		Expos/diary		DIARY SAMPLE		
	N	N	%	Chi-Sq-Stat*	N	%	N	%	N	%	N	%	Chi-Sq-Stat*	N	%	
<b>WORK LOCATION</b>																
Downtown	73	55		0.004	59	45	132	50	17	46	115	51	0.456	115	51	
Suburban area, high buildings	21	16			16	12	37	14	6	16	31	14		31	14	
Suburban area, small buildings	23	17			14	11	37	14	8	22	29	13		29	13	
Industrial area	11	8			29	22	40	15	3	8	37	16		37	16	
Other	5	4			12	9	17	6	3	8	14	6		14	6	
<b>WORK BUILDING</b>																
Single family detached	7	5		0.107	1	1	8	3	2	5	6	3		6	3	
Single family attached	4	3			3	2	7	3	0	0	7	3		7	3	
Office/apartment building	57	42			45	35	102	38	18	49	84	37		84	37	
Industrial building	22	16			31	24	53	20	5	14	48	21		48	21	
Other	46	34			50	38	96	36	12	32	84	37		84	37	
<b>BUILT YEAR</b>																
After 1989	8	6		0.048	11	9	19	7	2	5	17	7		17	7	
1980-1989	13	10			10	8	23	9	1	3	22	10		22	10	
1970-1979	17	13			21	16	38	14	6	16	32	14		32	14	
Before 1970	72	53			78	60	150	57	24	65	126	55		126	55	
Don't know	26	19			9	7	35	13	4	11	31	14		31	14	
<b>TRAFFIC ON NEARBY STREET</b>																
Heavy	60	44		0.613	57	45	117	44	17	46	100	44		100	44	
Medium	41	30			33	26	74	28	9	24	65	29		65	29	
Light	34	25			38	30	72	27	11	30	61	27		61	27	

\* Exposure sample versus TMAD only

**Annex II: Table 7/G. Work environment of the Exposure and Diary samples in GRENOBLE (Core Questionnaire)**

page 1	WOMEN		women/men		MEN		ALL		EXPOSURE SAMPLE		Expos/diary		DIARY SAMPLE		
	N	%	Chi-Sq-Stat	N	%	N	%	N	%	Chi-Sq-Stat	N	%	N	%	
<b>WORK LOCATION</b>															
Downtown	18	47.37	0,648*	15	48.39	33	47.83	33	50.00	0.000*	0	0.00	0	0.00	
Suburban area, high buildings	13	34.21		9	29.03	22	31.88	21	31.82		1	33.33			
Suburban area, small buildings	4	10.53		1	3.23	5	7.25	4	6.06		1	33.33			
Industrial area	3	7.89		5	16.13	8	11.59	7	10.61		1	33.33			
Other	0	0.00		1	3.23	1	1.45	1	1.52		0	0.00			
<b>WORK BUILDING</b>															
Single family detached	2	5.26	0,630*	1	3.23	3	4.35	3	4.55	0.000*	0	0.00	0	0.00	
Single family attached	2	5.26		0	0.00	2	2.90	2	3.03		0	0.00			
Office/apartment building	25	65.79		29	93.55	54	78.26	52	78.79		2	66.67			
Industrial building	6	15.79		1	3.23	7	10.14	6	9.09		1	33.33			
Other	3	7.89		0	0.00	3	4.35	3	4.55		0	0.00			
<b>BUILT YEAR</b>															
After 1989	3	7.89	0,176*	5	16.13	8	11.59	8	12.12	0.000*	0	0.00	0	0.00	
1980-1989	4	10.53		5	16.13	9	13.04	9	13.64		0	0.00			
1970-1979	5	13.16		6	19.35	11	15.94	10	15.15		1	33.33			
Before 1970	23	60.53		13	41.94	36	52.17	34	51.52		2	66.67			
Don't know	3	7.89		2	6.45	5	7.25	5	7.58		0	0.00			
<b>TRAFFIC ON NEARBY STREET</b>															
Heavy	22	66.67	0,625*	12	54.55	34	61.82	32	61.54	0,012*	2	66.67	2	66.67	
Medium	6	18.18		10	45.45	16	29.09	15	28.85		1	33.33			
Light	5	15.15		0	0.00	5	9.09	5	9.62		0	0.00			

\* Expected value(s) < 5 : exact Fisher test



**Annex II: Table 7/H. Work environment of the Exposure and Diary samples in HELSINKI (Core Questionnaire)**

page 1	WOMEN		women/men Chi-Sq-Stat*	MEN		ALL		EXPOSURE SAMPLE		Expos/diary Chi-Sq-Stat*	DIARY SAMPLE	
	N	%		N	%	N	%	N	%		N	%
<b>WORK LOCATION</b>												
Downtown	139	62	0.001	70	49	209	57	89	53	0.104	120	61
Suburban area, high buildings	43	19		19	13	62	17	37	22		25	13
Suburban area, small buildings	8	4		8	6	16	4	9	5		7	4
Industrial area	26	12		30	21	56	15	22	13		34	17
Other	7	3		16	11	23	6	12	7		11	6
<b>WORK BUILDING</b>			0.002							0.572		
Single family detached	4	2		3	2	7	2	5	3		2	1
Single family attached	5	2		2	1	7	2	3	2		4	2
Office/apartment building	127	61		83	61	210	61	96	61		114	61
Industrial building	21	10		32	24	53	15	26	17		27	14
Other	51	25		16	12	67	20	27	17		40	21
<b>BUILT YEAR</b>			0.061							0.069		
After 1989	22	11		16	12	38	11	16	10		22	12
1980-1989	38	18		42	31	80	23	40	25		40	21
1970-1979	40	19		25	18	65	19	22	14		43	23
Before 1970	90	43		46	34	136	40	71	45		65	35
Don't know	18	9		7	5	25	7	8	5		17	9
<b>TRAFFIC ON NEARBY STREET</b>			0.051							0.115		
Heavy	105	51		53	39	158	46	70	45		88	47
Medium	75	36		67	49	142	41	61	39		81	44
Light	27	13		16	12	43	13	26	17		17	9

\* Exposure sample versus TMAD only

**Annex II: Table 7/M. Work environment of the Exposure and Diary samples in MILAN (Core Questionnaire)**

page 1	WOMEN		women/men Chi-Sq-Stat*	MEN		ALL		EXPOSURE SAMPLE		Expos/diary Chi-Sq-Stat*	DIARY SAMPLE	
	N	%		N	%	N	%	N	%		N	%
<b>WORK LOCATION</b>												
Downtown	91	73.4	0.01	75	57.7	166	65.4	45	90	0.000	121	59.3
Suburban area, high buildings	19	15.3		24	18.5	43	16.9	5	10		38	18.6
Suburban area, small buildings	7	5.6		6	4.6	13	5.1	0	0		13	6.4
Industrial area	4	3.2		18	13.8	22	8.7	0	0		22	10.8
Other	3	2.4		7	5.4	10	3.9	0	0		10	4.9
<b>WORK BUILDING</b>			0.02							0.002		
Single family detached	2	1.6		2	1.5	4	1.6	0	0		4	2
Single family attached	2	1.6		1	0.8	3	1.2	0	0		3	1.5
Office/apartment building	84	67.7		88	67.7	172	67.7	46	92		126	61.8
Industrial building	7	5.6		22	16.9	29	11.4	1	2		28	13.7
Other	29	23.4		17	13.1	46	18.1	3	6		43	21.1
<b>BUILT YEAR</b>			0.19							0.000		
After 1989	6	4.8		10	7.7	16	6.3	0	0		16	7.8
1980-1989	4	3.2		8	6.2	12	4.7	0	0		12	5.9
1970-1979	11	8.9		20	15.4	31	12.2	0	0		31	15.2
Before 1970	82	66.1		69	53.1	151	59.4	40	80		111	54.4
Don't know	21	16.9		23	17.7	44	17.3	10	20		34	16.7
<b>TRAFFIC ON NEARBY STREET</b>			0.88							0.68		
Heavy	50	40.3		53	40.8	103	40.6	22	44		81	39.7
Medium	48	38.7		47	36.2	95	37.4	16	64		79	38.7
Light	26	21		30	23.1	56	22	12	48		44	21.6

\* Exposure sample versus TMAD only



table 9. - p value

**Annex II: Table 7/P. Work environment of the Exposure and Diary samples in PRAGUE (Core Questionnaire)**

	WOMEN		women/men Chi-Sq-Stat	MEN		ALL		EXPOSURE SAMPLE		Expos/diary Chi-Sq-Stat	DIARY SAMPLE	
	N	%		N	%	N	%	N	%		N	%
<b>WORK LOCATION</b>												
Downtown	29	64.4	0.039	9	42.8	40	57.9	22	52.3	0.164	16	66.6
Suburban area, high buildings	7	15.5	0.206	5	23.8	12	17.3	8	19	0.227	4	16.6
Suburban area, small buildings	6	13.3	0.177	5	23.8	12	17.3	8	19	0.181	3	12.5
Industrial area	3	6.6	0.400	1	4.7	4	5.7	3	7.1	0.352	1	4.1
Other	0	0	0.337	1	4.7	1	1.4	1	2.3	0.602	0	0
<b>WORK BUILDING</b>												
Single family detached	4	8.8	0.102	5	23.8	9	13	7	16.6	0.160	2	8.3
Single family attached	1	2.2	0.663	0	0	1	1.4	0	0	0.398	1	4.1
Office/apartment building	37	82.2	0.036	13	61.9	52	75.3	31	73.8	0.167	19	79.1
Industrial building	1	2.2	0.453	1	4.7	2	2.8	1	2.3	0.485	1	4.1
Other	2	4.4	0.305	2	9.5	5	7.2	3	7.1	0.352	1	4.1
<b>BUILT YEAR</b>												
After 1989	6	13.3	0.244	4	19	10	14.4	4	9.5	0.105	6	25
1980-1989	3	6.6	0.342	2	9.5	5	7.2	3	7.1	0.356	2	8.3
1970-1979	2	4.4	0.081	4	19	6	8.6	4	9.5	0.322	2	8.3
Before 1970	26	57.7	0.080	9	42.8	38	55	25	59.5	0.038	10	41.6
Don't know	8	17.7	0.189	2	9.5	10	14.4	6	14.2	0.267	4	16.6
<b>TRAFFIC ON NEARBY STREET</b>												
Heavy	22	48.8	0.151	9	42.8	32	46.3	19	45.2	0.181	12	50
Medium	15	33.3	0.095	4	19	20	28.9	12	28.5	0.203	7	29.1
Light	8	17.7	0.073	8	38	17	24.6	11	26.1	0.171	5	20.8

\* Exposure sample versus TMAD only

Annex II: Table 8/A. Workplace description of the Exposure and Diary samples in ATHENS (Core Questionnaire)

page 1	WOMEN		men/men		MEN		ALL		EXPOSURE SAMPLE		DIARY SAMPLE			
	N	%	women/men Chi-Sq-Stat*	N	%	N	%	N	%	N	%	N	%	
<b>WORKPLACE MATERIALS</b>														
Wall to wall carpet	5	21.7	0.276	10	35.7	15	29.4	8	30.8	7	28.0	0.828	7	28.0
Other carpets	1	4.3	0.887	1	3.6	2	3.9	1	3.8	1	3.8	0.977	1	3.8
Curtains	9	39.1	0.043	4	14.3	13	25.5	4	15.4	9	36.0	0.091	9	36.0
Soft furnishings	6	26.1	0.696	6	21.4	12	23.5	7	26.9	5	20.0	0.560	5	20.0
Double glazing	3	13.0	0.434	6	21.4	9	17.6	4	15.4	5	20.0	0.666	5	20.0
Linoneum floor	1	4.3	0.265	0	0.0	1	2.0	1	3.8	0	0.0	0.322	0	0.0
PVC floor	6	26.1	0.843	8	28.6	14	27.5	8	30.8	6	24.0	0.588	6	24.0
Wooden floor	3	13.0	0.481	2	7.1	5	9.8	4	15.4	1	4.0	0.172	1	4.0
Wooden panels	0	0.0	0.191	2	7.1	2	3.9	2	7.7	0	0.0	0.157	0	0.0
Plaster board	11	47.8	0.254	9	32.1	20	39.2	9	34.6	11	44.0	0.493	11	44.0
Chipboard	4	17.4	0.965	5	17.9	9	17.6	6	23.1	3	12.0	0.300	3	12.0
Wallpaper	1	4.3	0.265	0	0.0	1	2.0	1	3.8	0	0.0	0.322	0	0.0
None of above	1	4.3	0.235	4	14.3	5	9.8	2	7.7	3	12.0	0.605	3	12.0
<b>HEATING SYSTEM</b>														
District	3	10.0	0.036	11	31.4	14	21.5	6	18.2	8	25.0	0.504	8	25.0
Central	20	66.7	0.142	17	48.6	37	56.9	20	60.6	17	53.1	0.543	17	53.1
Single electric	9	30.0	0.900	10	28.6	19	29.2	11	33.3	8	25.0	0.460	8	25.0
Single gas	1	3.3	0.276	0	0.0	1	1.5	0	0.0	1	3.1	0.306	1	3.1
Single coal	0	0.0	0.351	0	0.0	0	0.0	0	0.0	0	0.0	0.321	0	0.0
Single wood	0	0.0	0.466	1	2.9	3	4.6	1	3.0	0	0.0	0.536	0	0.0
Single kerosene/paraffine	0	0.0	0.276	0	0.0	1	1.5	1	3.0	0	0.0	0.321	0	0.0
Single fuel/oil	2	6.7	0.351	1	2.9	3	4.6	1	3.0	2	6.3	0.306	2	6.3
Fire place	1	3.3	0.351	1	2.9	2	3.9	1	3.0	0	0.0	0.306	0	0.0
No heating	0	0.0	0.351	1	2.9	1	1.5	0	0.0	1	3.1	0.306	1	3.1
Other heating	0	0.0	0.351	0	0.0	0	0.0	0	0.0	0	0.0	0.306	0	0.0
<b>OTHER EQUIPMENT</b>														
Air conditioning	18	60.0	0.813	22	61.5	40	61.5	21	63.6	19	59.4	0.724	19	59.4
Humidifier	0	0.0	0.351	1	1.5	1	1.5	0	0.0	1	3.1	0.306	1	3.1
Electric/filter cleaner or ionizer	2	6.7	0.873	2	6.2	4	6.2	3	9.1	1	3.1	0.317	1	3.1
None of above	11	36.7	0.841	12	35.4	23	35.4	10	30.3	13	40.6	0.384	13	40.6
<b>SMOKING AT WORK</b>														
Yes	10.0	50.0	0.796	14.0	52.2	24.0	52.2	13.0	54.2	11	50.0	0.777	11	50.0
No	10.0	50.0	0.796	12.0	47.8	22.0	47.8	11.0	45.8	1	50.0	0.777	1	50.0

\* Exposure sample versus TMAD only

Annex II: Table 8/B. Workplace description of the Exposure and Diary samples in BASEL (Core Questionnaire)

page 1	WOMEN		men/men		MEN		ALL		EXPOSURE SAMPLE		Expos/diary		DIARY SAMPLE	
	N	%	Chi-Sq-Stat*	N	%	N	%	N	%	N	%	Chi-Sq-Stat*	N	%
<b>WORKPLACE MATERIALS</b>														
Wall to wall carpet	57	58.16	0.642	56	54.9	113	56.5	12	42.86	101	58.72	0.116	101	58.72
Other carpets	13	13.27	0.589	11	10.78	24	12	2	7.14	22	12.79	0.394	22	12.79
Curtains	32	32.65	0.731	31	30.39	63	31.5	12	42.86	51	29.65	0.163	51	29.65
Soft furnishings	39	39.8	0.163	31	30.39	70	35	8	28.57	62	36.05	0.442	62	36.05
Double glazing	61	62.24	0.043	77	75.49	138	69	20	71.43	118	68.6	0.764	118	68.6
Linoneum floor	20	20.41	0.713	23	22.55	43	21.5	7	25	36	20.93	0.627	36	20.93
PVC floor	18	18.37	0.752	17	16.67	35	17.5	7	25	28	16.28	0.260	28	16.28
Wooden floor	20	20.41	0.289	15	14.71	35	17.5	5	17.86	30	17.44	0.957	30	17.44
Wooden panels	12	12.24	0.746	11	10.78	23	11.5	2	7.14	21	12.21	0.436	21	12.21
Plaster board	47	47.96	0.093	61	59.8	108	54	13	46.43	95	55.23	0.386	95	55.23
Chipboard	9	9.18	0.165	16	15.69	25	12.5	4	14.29	21	12.21	0.758	21	12.21
Wallpaper	28	28.57	0.467	34	33.33	62	31	9	32.14	53	30.81	0.888	53	30.81
None of above	2	2.04	0.968	2	1.96	4	2	1	3.57	3	1.74	0.522	3	1.74
<b>HEATING SYSTEM</b>														
District	46	34.07	0.890	45	34.88	91	34.47	8	23.53	83	36.09	0.150	83	36.09
Central	86	63.7	0.679	79	61.24	165	62.5	26	76.47	139	60.43	0.071	139	60.43
Single electric	5	3.7	0.700	6	4.65	11	4.17	0	0	11	4.78	0.193	11	4.78
Single gas	2	1.48	0.378	4	3.1	6	2.27	1	2.94	5	2.17	0.779	5	2.17
Single coal	1	0.74	0.327	0	0	1	0.38	0	0	1	0.43	0.700	1	0.43
Single wood	3	2.22	0.089	0	0	3	1.14	0	0	3	1.3	0.503	3	1.3
Single kerosene/paraffine	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Single fuel/oil	15	11.11	0.243	9	6.98	24	9.09	3	8.82	21	9.13	0.954	21	9.13
Fire place	1	0.74	0.327	0	0	1	0.38	0	0	1	0.43	0.700	1	0.43
No heating	0	0	0.146	2	1.55	2	0.76	0	0	2	0.87	0.585	2	0.87
Other heating	3	2.22	0.657	4	3.1	7	2.65	2	5.88	5	2.17	0.209	5	2.17
<b>OTHER EQUIPMENT</b>														
Air conditioning	30	21.9	0.339	35	26.92	65	24.34	9	24.32	56	24.35	0.998	56	24.35
Humidifier	13	9.49	0.143	20	15.38	33	12.36	10	27.03	23	10	0.003	23	10
Electric/filter cleaner or ionizer	10	7.3	0.432	13	10	23	8.61	2	5.41	21	9.13	0.454	21	9.13
None of above	96	70.07	0.279	83	63.85	179	67.04	23	62.16	156	67.83	0.496	156	67.83
<b>SMOKING AT WORK</b>														
Yes	17	18.28	0.684	21	20.59	38	19.49	4	14.81	34	20.24	0.509	34	20.24
No	76	81.72		81	79.41	157	80.51	23	85.19	134	79.76		134	79.76

**Annex II: Table 8/G. Workplace description of the Exposure and Diary samples in GRENOBLE (Core Questionnaire)**

page 1		WOMEN		women/men		MEN		ALL		EXPOSURE SAMPLE		Expos/diary		DIARY SAMPLE	
	N	%	N	Chi-Sq-Stat	N	%	N	%	N	%	N	%	Chi-Sq-Stat	N	%
<b>WORKPLACE MATERIALS</b>															
Wall to wall carpet	13	22.41	9	0.676*	19.15	22	20.95	21	21.21	1	16.67	0.000*	1	16.67	
Other carpets	3	5.17	1		2.13	4	3.81	4	4.04	0	0.00		0	0.00	
Curtains	4	6.90	2		4.26	6	5.71	6	6.06	0	0.00		0	0.00	
Soft furnishings	6	10.34	2		4.26	8	7.62	8	8.08	0	0.00		0	0.00	
Double glazing	8	13.79	11		23.40	19	18.10	17	17.17	2	33.33		2	33.33	
Linoneum floor	0	0.00	2		4.26	2	1.90	1	1.01	1	16.67		1	16.67	
PVC floor	5	8.62	3		6.38	8	7.62	7	7.07	1	16.67		1	16.67	
Wooden floor	0	0.00	4		8.51	4	3.81	4	4.04	0	0.00		0	0.00	
Wooden panels	2	3.45	2		4.26	4	3.81	4	4.04	0	0.00		0	0.00	
Plaster board	8	13.79	9		19.15	17	16.19	16	16.16	1	16.67		1	16.67	
Chipboard	0	0.00	0		0.00	0	0.00	0	0.00	0	0.00		0	0.00	
Wallpaper	9	15.52	2		4.26	11	10.48	11	11.11	0	0.00		0	0.00	
None of above	0	0.00	0		0.00	0	0.00	0	0.00	0	0.00		0	0.00	
<b>HEATING SYSTEM</b>															
District	8	21.62	3	0.826*	9.68	11	16.18	10	15.38	1	33.33	0.000*	1	33.33	
Central	21	56.76	17		54.84	38	55.88	37	56.92	1	33.33		1	33.33	
Single electric	5	13.51	10		32.26	15	22.06	14	21.54	1	33.33		1	33.33	
Single gas	1	2.70	0		0.00	1	1.47	1	1.54	0	0.00		0	0.00	
Single coal	0	0.00	0		0.00	0	0.00	0	0.00	0	0.00		0	0.00	
Single wood	0	0.00	0		0.00	0	0.00	0	0.00	0	0.00		0	0.00	
Single kerosene/paraffine	0	0.00	0		0.00	0	0.00	0	0.00	0	0.00		0	0.00	
Single fuel/oil	2	5.41	1		3.23	3	4.41	3	4.62	0	0.00		0	0.00	
Fire place	0	0.00	0		0.00	0	0.00	0	0.00	0	0.00		0	0.00	
No heating	0	0.00	0		0.00	0	0.00	0	0.00	0	0.00		0	0.00	
Other heating	0	0.00	0		0.00	0	0.00	0	0.00	0	0.00		0	0.00	
<b>OTHER EQUIPMENT</b>															
Air conditioning	18	45.00	16	0.167*	42.11	34	43.59	33	44.59	1	25.00	0.000*	1	25.00	
Humidifier	1	2.50	3		7.89	4	5.13	3	4.05	1	25.00		1	25.00	
Electric/filter cleaner or ionizer	1	2.50	4		10.53	5	6.41	5	6.76	0	0.00		0	0.00	
None of above	20	50.00	15		39.47	35	44.87	33	44.59	2	50.00		2	50.00	
<b>SMOKING AT WORK</b>															
Yes	1	2.04	2	0.797	5.26	3	3.45	3	3.75	0	0.00	0.12*	0	0.00	
No	48	97.96	36		94.74	84	96.55	77	96.25	7	100.00		7	100.00	

\* Expected value(s) < 5 : exact Fisher test

**Annex II: Table 8/H. Workplace description of the Exposure and Diary samples in HELSINKI (Core Questionnaire)**

	WOMEN		women/men Chi-Sq-Stat*	MEN		ALL		EXPOSURE SAMPLE		Expos./diary Chi-Sq-Stat*	DIARY SAMPLE	
	N	%		N	%	N	%	N	%		N	%
<b>WORKPLACE MATERIALS</b>												
Wall to wall carpet	11	5	0.800	8	6	19	6	10	6	0.560	9	5
Other carpets	39	19	0.447	21	16	60	18	27	17	0.843	33	18
Curtains	117	57	0.000	43	32	160	47	74	47	0.973	86	47
Soft furnishings	119	58	0.074	64	48	183	54	87	56	0.578	96	53
Double glazing												
Linoneum floor	63	31	0.577	37	28	100	30	51	33	0.274	49	27
PVC floor	97	48	0.081	50	38	147	44	62	40	0.168	85	47
Wooden floor	16	8	0.862	11	8	27	8	14	9	0.546	13	7
Wooden panels	10	5	0.862	7	5	17	5	12	8	0.039	5	3
Plaster board	73	36	0.185	57	43	130	39	57	37	0.427	73	41
Chipboard	42	21	0.026	15	11	57	17	24	15	0.458	33	18
Wallpaper	11	5	0.737	6	5	17	5	10	6	0.288	7	4
None of above	12	6	0.008	19	15	31	9	13	8	0.610	18	10
<b>HEATING SYSTEM</b>												
District	185	89	0.391	115	86	300	88	137	88	0.732	163	87
Central	19	9	0.534	15	11	34	10	15	10	0.882	19	10
Single electric	16	8	0.515	13	10	30	8	13	8	0.955	16	9
Single gas	0	0	0.077	2	1	2	1	0	0	0.197	2	1
Single coal	0	0	0.210	1	1	1	0	0	0	0.363	1	1
Single wood	0	0	0.212	1	1	1	0	0	0	0.362	1	1
Single kerosene/paraffine	0	0		0	0	0	0	0	0		0	0
Single fuel/oil	0	0	0.201	1	1	1	0	1	1	0.266	0	0
Fire place	3	1	0.559	1	1	4	1	4	3	0.027	0	0
No heating	0	0		0	0	0	0	0	0		0	0
Other heating	5	2	0.754	4	3	9	3	2	1	0.164	7	4
<b>OTHER EQUIPMENT</b>												
Air conditioning	91	45	0.752	57	44	148	45	59	39	0.081	89	49
Humidifier	8	4	0.031	13	10	21	6	8	5	0.491	13	7
Electric/filter cleaner or ionizer	51	26	0.211	26	20	77	23	36	24	0.773	41	23
None of above	80	40	0.419	58	44	138	42	70	47	0.087	68	37
<b>SMOKING AT WORK</b>												
Yes	9	6	0.094	12	12	21	9	12	10	0.457	9	7
No	138	94		86	88	224	91	109	90		115	93

\* Exposure sample versus TMAD only

**Annex II: Table 8/M. Workplace description of the Exposure and Diary samples in MILAN (Core Questionnaire)**

page 1	WOMEN		men/women		MEN		ALL		EXPOSURE SAMPLE		Expos/diary		DIARY SAMPLE	
	N	%	Chi-Sq-Stat*	N	%	N	%	N	%	N	%	Chi-Sq-Stat*	N	%
<b>WORKPLACE MATERIALS</b>														
Wall to wall carpet	26	26.3	0.01	14	12.6	40	19	6	13.3	34	20.6	0.27	8	4.8
Other carpets	7	7.1	0.06	2	1.8	9	4.3	1	2.2	8	4.8	0.44	42	25.5
Curtains	31	31.3	0.59	31	27.9	62	29.5	20	44.4	16	9.7	0.01	62	37.6
Soft furnishings	17	17.2	0.02	8	7.2	25	11.9	9	90	33	20	0.06	28	17
Double glazing	31	31.3	0.26	43	38.7	74	35.2	12	26.7	21	12.7	0.17	17	10.3
Linoneum floor	25	25.3	0.1	18	16.2	43	20.5	10	22.2	74	44.8	0.74	9	5.5
PVC floor	12	12.1	0.3	19	17.1	31	14.8	3	6.7	26	15.8	0.08	17	10.3
Wooden floor	24	24.2	0.03	14	12.6	38	18.1	17	37.8	9	5.5	0.000	17	10.3
Wooden panels	12	12.1	0.33	9	8.1	21	10	4	8.9	21	12.7	0.78	17	10.3
Plaster board	54	54.5	0.26	52	46.8	106	50.5	32	71.1	74	44.8	0.002	26	15.8
Chipboard	12	12.1	0.39	18	16.2	30	14.3	4	8.9	26	15.8	0.24	9	5.5
Wallpaper	5	5.1	0.9	6	5.4	11	5.2	2	4.4	9	5.5	0.79	17	10.3
None of above	4	4	0.02	14	12.6	18	8.6	1	2.2	17	10.3	0.09	10	4.9
<b>HEATING SYSTEM</b>														
District	5	4	0.81	6	4.6	11	4.3	1	2	10	4.9	0.37	175	85.8
Central	110	88.7	0.54	112	86.2	222	87.4	47	94	8	3.9	0.12	8	3.9
Single electric	3	2.4	0.22	7	5.4	10	3.9	2	4	13	6.4	0.98	1	0.5
Single gas	6	4.8	0.64	8	6.2	14	5.5	1	2	1	0.5	0.22	3	1.5
Single coal	0	0	0.33	1	0.8	1	0.4	0	0	1	0.5	0.62	5	2.5
Single wood	0	0	0.33	1	0.8	1	0.4	0	0	1	0.5	0.62	2	1
Single kerosene/paraffine	0	0	0.08	3	2.3	3	1.2	0	0	3	1.5	0.39	2	1
Single fuel/oil	0	0	0.01	7	5.4	7	2.8	2	4	5	2.5	0.55	1	0.5
Fire place	0	0	0.16	2	1.5	2	0.8	0	0	2	1	0.48	1	0.5
No heating	0	0	0.32	1	0.8	1	0.4	0	0	1	0.5	0.62	4	2
Other heating	2	1.6	0.96	2	1.5	4	1.6	0	0	4	2	0.32	134	65.4
<b>OTHER EQUIPMENT</b>														
Air conditioning	70	56	0.01	94	72.3	164	64.3	30	60	21	10.2	0.45	19	9.3
Humidifier	7	5.6	0.03	18	13.8	25	9.8	4	4	68	33.2	0.62	99	59.6
Electric/filter cleaner or ionizer	7	5.6	0.2	13	10	20	7.8	1	2	67	40.4	0.08	23	11.1
None of above	54	43.2	0.000	34	26.2	88	34.5	20	40	22	48.9	0.37	67	40.4
<b>SMOKING AT WORK</b>														
Yes	51	51	0.06	71	64	122	57.8	23	51.1	99	59.6	0.3	67	40.4
No	49	49		40	36	89	42.2	22	48.9					

\* Exposure sample versus TMAD only



**Annex II: Table 8/P. Workplace description of the Exposure and Diary samples in PRAGUE (Core Questionnaire)**

page 1	WOMEN		MEN		ALL		EXPOSURE SAMPLE		Expos/diary		DIARY SAMPLE	
	N	%	N	%	N	%	N	%	Chi-Sq-Stat	N	%	
<b>WORKPLACE MATERIALS</b>												
Wall to wall carpet	21	65.6	9	75.0	32	69.6	22	73.3	0.153	8	57.1	
Other carpets	2	6.3	0	0.0	2	4.3	1	3.3	0.444	1	7.1	
Curtains	21	65.6	6	50.0	28	60.9	19	63.3	0.239	8	57.1	
Soft furnishings	22	68.8	5	41.7	28	60.9	20	66.7	0.150	7	50.0	
Double glazing	24	75.0	7	58.3	33	71.7	21	70.0	0.276	10	71.4	
Linoneum floor	8	25.0	1	8.3	9	19.6	4	13.3	0.077	5	35.7	
PVC floor	4	12.5	2	16.7	6	13.0	3	10.0	0.209	3	21.4	
Wooden floor	1	3.1	0	0.0	1	2.2	1	3.3	0.682	0	0.0	
Wooden panels	3	9.4	0	0.0	3	6.5	2	6.7	0.460	1	7.1	
Plaster board	6	18.8	3	25.0	9	19.6	3	10.0	0.017	6	42.9	
Chipboard	4	12.5	2	16.7	6	13.0	5	16.7	0.283	1	7.1	
Wallpaper	3	9.4	3	25.0	6	13.0	4	13.3	0.353	2	14.3	
None of above	1	3.1	0	0.0	1	2.2	1	3.3	0.682	0	0.0	
<b>HEATING SYSTEM</b>												
District	9	20	3	14.3	12	17.4	8	19.0	0.255	4	16.7	
Central	28	62.2	14	66.7	45	65.2	26	61.9	0.196	16	66.7	
Single electric	6	13.3	5	23.8	11	15.9	7	16.7	0.267	4	16.7	
Single gas	0	0.0	0	0.0	0	0.0	0	0.0		0	0.0	
Single coal	0	0.0	0	0.0	0	0.0	0	0.0		0	0.0	
Single wood	0	0.0	0	0.0	0	0.0	0	0.0		0	0.0	
Single kerosene/paraffine	0	0.0	0	0.0	0	0.0	0	0.0		0	0.0	
Single fuel/oil	0	0.0	0	0.0	0	0.0	0	0.0		0	0.0	
Fire place	0	0.0	0	0.0	0	0.0	0	0.0		0	0.0	
No heating	0	0.0	0	0.0	0	0.0	0	0.0		0	0.0	
Other heating	2	4.4	0	0.0	2	2.9	2	4.8	0.401	0	0.0	
<b>OTHER EQUIPMENT</b>												
Air conditioning	8	17.8	4	19.0	13	18.8	5	11.9	0.060	7	29.2	
Humidifier	4	8.9	0	0.0	4	5.8	2	4.8	0.330	2	8.3	
Electric/filter cleaner or ionizer	5	11.1	1	4.8	6	8.7	4	9.5	0.340	2	8.3	
None of above	32	71.1	17	81.0	51	73.9	35	83.3	0.021	14	58.3	
<b>SMOKING AT WORK</b>												
Yes	9	29.0	4	33.3	13	28.9	9	31.0	0.274	4	28.6	
No	22	71.0	8	66.7	32	71.1	20	69.0		10	71.4	

\* Exposure sample versus TMAD only

**Annex II: Table 9/A. Frequencies of equipment use and activities of the Exposure and Diary samples in ATHENS. (Retrospective Short Term Recall Questionnaire)**

ATHENS	Women		Men		men/women Chi-Sq-Stat	All		Exposure		Diary		expos/diary Chi-Sq-Stat
	N	%	N	%		N	%	N	%	N	%	
<b>HOME EQUIPMENT USED</b>												
<b>in kitchen</b>												
gas stove	2	3.4	3	7.1	0.403	5	5.0	4	8.0	1	2.0	0.169
wood/coal fired stove	0	0.0	0	0.0		0	0.0	0	0.0	0	0.0	
extract fan	39	69.6	12	29.3	0.000	51	52.6	24	50.0	27	55.1	
<b>other appliances</b>												
unvented gas water heater	1	1.7	0	0.0	0.392	1	1.0	0		1	2.0	0.315
unvented gas clothes dryer					0.238							
electric clothes dryer	0	0.0	1	2.4	0.238	1	1.0	0		1	2.0	0.315
vacuum cleaner (by somebody)	29	50.0	16	38.1		45	45.0	16	32.0	29	58.0	0.009
<b>for heating</b>												
gas heater	1	1.7	0	0.0	0.392	1	1.0	1	2.0	0	0.0	0.315
paraffin heater	1	1.7	0	0.0	0.392	1	1.0	0	0.0	1	2.0	0.315
fuel oil heater	0	0.0	1	2.4	0.238	1	1.0	1	2.0	0	0.0	0.315
coal stove	0	0.0	0	0.0	0.000	0	0.0	0	0.0	0	0.0	
wood stove	0	0.0	0	0.0	0.000	0	0.0	0	0.0	0	0.0	
fire place	1	1.7	0	0.0	0.392	1	1.0	0	0.0	1	2.0	0.315
<b>for indoor air</b>												
open window	55	96.5	37	92.5	0.381	92	94.8	45	91.8	47	97.9	0.176
air conditioning	9	15.8	6	14.6	0.875	15	15.3	5	10.4	10	20.0	0.188
humidifier	1	1.7	0	0.0	0.392	1	1.0	1	2.0	0	0.0	0.315
electric air cleaner	0	0.0	1	2.4	0.238	1	1.0	0	0.0	1	2.0	0.315
<b>for bathing</b>												
wood heated sauna												
<b>WORKPLACE EQUIPMENT USED</b>												
<b>for heating</b>												
gas heater	0		0			0	0.0	0	0.0	0	0.0	
paraffin heater	0		0			0	0.0	0	0.0	0	0.0	
fuel oil heater	1	3.3	0	0.0	0.283	1	1.6	0	0.0	1	3.2	0.306
coal stove	0		0			0	0.0	0	0.0	0	0.0	
wood stove	0		0			0	0.0	0	0.0	0	0.0	
fire place	0		0			0	0.0	0	0.0	0	0.0	
<b>for indoor air</b>												
open window	24	80.0	20	58.8	0.068	44	68.8	22	66.7	22	71.0	0.711
air conditioning	9	30.0	13	38.2	0.489	22	34.4	10	30.3	12	38.7	0.479
humidifier	0	0.0	0	0.0		0	0.0	0	0.0	0	0.0	0.000
electric air cleaner	1	3.3	0	0.0	0.283	1	1.6	1	3.0	0	0.0	0.321
<b>other</b>												
photocopier or laser printer (same)	15	50.0	12	35.3	0.235	27	42.2	15	45.5	12	38.7	0.515
<b>ACTIVITIES</b>												
developing/printing photos	0	0.0	1	2.4	0.238	1	1.0	1	2.0	0	0.0	0.315
painting/drawing	3	5.2	0	0.0	0.135	3	3.0	1	2.0	2	4.0	0.558
using glue	4	6.9	0	0.0	0.082	4	4.0	1	2.0	3	6.0	0.307
using deodorant, perfume, after s	47	85.5	22	52.4	0.000	69	71.1	33	6.6	36	76.6	0.250
using cleaning chemicals	37	66.1	22	55.0	0.272	59	61.5	30	6.0	29	63.0	0.760
wearing newly dry cleaned clothes	11	19.6	4	9.5	0.169	15	15.3	5	10.2	10	20.4	0.161
grilling	2	3.4	3	7.1	0.403	5	5.0	1	2.0	4	8.0	0.169
staying in home workshop	2	3.4	1	2.4	0.757	3	3.0	1	2.0	2	4.0	0.558
staying in indoor ice rink	0	0.0	0	0.0	0.000	0	0.0	0	0.0	0	0.0	0.000
staying in garage	1	1.7	1	2.4	0.817	2	2.0	1	2.0	1	2.0	1.0
visiting a petrol station	20	35.1	20	48.8	0.157	40	40.8	13	26.0	27	56.3	0.002
washing car	2	3.4	5	11.9	0.102	7	7.0	0	0.0	7	14.0	0.006
heavy outdoor work/activity	7	12.1	4	9.5	0.688	11	11.0	4	8.0	7	14.0	0.338
heavy indoor work/activity	12	20.7	4	9.5	0.133	16	16.0	6	12.0	10	20.0	0.275



**Annex II: Table 9/B. Frequencies of equipment use and activities of the Exposure and Diary samples in BASEL.  
(Retrospective Short Term Recall Questionnaire)**

BASEL	Women		Men		men/women Chi-Sq-Stat	All		Exposure		Diary		Expos/Diary Chi-Sq-Stat
	N	%	N	%		N	%	N	%	N	%	
<b>HOME EQUIPMENT USED</b>												
<b>in kitchen</b>												
gas stove	55	31	55	37	0.270	110	34	16	33	94	34	0.887
wood/coal fired stove	0	0	0	0	-	0	0	0	0	0	0	-
extract fan	73	41	55	37	0.470	128	39	19	38	109	39	0.901
<b>other appliances</b>												
unvented gas water heater	2	1	3	2	0.510	5	2	0	0	5	2	0.341
unvented gas clothes dryer	0	0	0	0	-	0	0	0	0	0	0	-
electric clothes dryer	10	6	2	1	0.041	12	4	1	2	11	4	0.502
vacuum cleaner (by somebody)	78	44	74	49	0.297	152	46	20	40	132	47	0.340
<b>for heating</b>												
gas heater	7	4	4	3	0.538	11	3	2	4	9	3	0.776
paraffin heater	0	0	0	0	-	0	0	0	0	0	0	-
fuel oil heater	2	1	1	1	0.672	3	1	0	0	3	1	0.462
coal stove	0	0	0	0	-	0	0	0	0	0	0	-
wood stove	1	1	0	0	0.361	1	0	1	2	0	0	0.018
fire place	0	0	0	0	-	0	0	0	0	0	0	-
<b>for indoor air</b>												
open window	174	98	146	99	0.549	320	98	49	98	271	98	0.927
air conditioning	1	1	2	1	0.459	3	1	0	0	3	1	0.462
humidifier	5	3	6	4	0.538	11	3	1	2	10	4	0.569
electric air cleaner	6	3	2	1	0.239	8	2	1	2	7	3	0.832
<b>for bathing</b>												
wood heated sauna	1	1	0	0	0.361	1	0	0	0	1	0	0.672
<b>WORKPLACE EQUIPMENT USED</b>												
<b>for heating</b>												
gas heater	2	1	1	1	0.579	3	1	1	3	2	1	0.343
paraffin heater	0	0	0	0	-	0	0	0	0	0	0	-
fuel oil heater	1	1	2	2	0.544	3	1	0	0	3	1	0.477
coal stove	0	0	0	0	-	0	0	0	0	0	0	-
wood stove	1	1	0	0	0.324	1	0	0	0	1	0	0.683
fire place	2	1	1	1	0.579	3	1	2	5	1	0	0.009
<b>for indoor air</b>												
open window	98	73	98	76	0.598	196	75	28	74	168	75	0.898
air conditioning	20	15	30	23	0.091	50	19	5	13	45	20	0.337
humidifier	10	7	13	10	0.465	23	9	7	18	16	7	0.021
electric air cleaner	9	7	9	7	0.947	18	7	1	3	17	7	0.273
<b>other</b>												
photocopier or laser printer (same room)	59	44	70	54	0.111	129	49	18	47	111	49	0.842
<b>ACTIVITIES</b>												
developing/printing photos	2	1	3	2	0.515	5	2	1	2	4	1	0.763
painting/drawing	19	11	15	10	0.855	34	10	2	4	32	11	0.110
using glue	21	12	18	12	0.940	39	12	3	6	36	13	0.164
using deodorant, perfume, after shave	161	90	115	77	0.002	276	84	42	84	234	84	0.975
using cleaning chemicals	70	38	46	31	0.138	116	35	18	36	98	35	0.865
wearing newly dry cleaned clothes	21	12	27	18	0.272	48	15	9	18	39	14	0.643
grilling	11	6	5	3	0.238	16	5	3	6	13	5	0.685
staying in home workshop	4	2	12	8	0.015	16	5	1	2	15	5	0.307
staying in indoor ice rink	0	0	0	0	-	0	0	0	0	0	0	-
staying in garage	22	12	34	23	0.013	56	17	10	20	46	16	0.543
visiting a petrol station	11	6	39	26	0.000	50	15	6	12	44	16	0.494
washing car	0	0	4	3	0.028	4	1	1	2	3	1	0.583
heavy outdoor work/activity	38	21	43	29	0.119	81	25	10	20	71	25	0.410
heavy indoor work/activity	36	20	26	17	0.521	62	19	6	12	56	20	0.179

**Annex II: Table 9/G. Frequencies of equipment use and activities of the Exposure and Diary samples in GRENOBLE. (Retrospective Short Term Recall Questionnaire)**

GRENOBLE Exposure sample = all	Women		Men		men/women Chi-Sq-Stat	All		Exposure		Diary		Expos/Diary Chi-Sq-Stat	
	N	%	N	%		N	%	N	%	N	%		
<b>HOME EQUIPMENT USED</b>													
<b>in kitchen</b>													
gas stove	20	43.48	6	17.65	0,294*	26	32.5	26	32.5				
wood/coal fired stove	0	0	0	0		0	0	0	0				
extract fan	3	6.522	2	5.882		5	6.25	5	6.25				
<b>other appliances</b>													
unvented gas water heater	7	15.22	2	5.882	0,849*	9	11.25	9	11.25				
unvented gas clothes dryer	0	0	0	0		0	0	0	0				
electric clothes dryer	1	2.174	0	0		1	1.25	1	1.25				
vacuum cleaner (by somebody)	11	23.91	11	32.35	0,774*	22	27.5	22	27.5				
<b>for heating</b>													
gas heater	9	19.57	6	17.65		15	18.75	15	18.75				
paraffin heater	0	0	0	0		0	0	0	0				
fuel oil heater	1	2.174	0	0		1	1.25	1	1.25				
coal stove	0	0	0	0		0	0	0	0				
wood stove	0	0	0	0		0	0	0	0				
fire place	2	4.348	0	0	2	2.5	2	2.5					
<b>for indoor air</b>													
open window	21	45.65	12	35.29		33	41.25	33	41.25				
air conditioning	0	0	0	0		0	0	0	0				
humidifier	0	0	0	0		0	0	0	0				
electric air cleaner	0	0	0	0		0	0	0	0				
<b>for bathing</b>													
wood heated sauna	0	0	0	0		0	0	0	0				
<b>WORKPLACE EQUIPMENT USED</b>													
<b>for heating</b>													
gas heater	0	0	1	2.941	0,4*	1	1.25	1	1.25				
paraffin heater	0	0	0	0		0	0	0	0				
fuel oil heater	2	4.348	1	2.941		3	3.75	3	3.75				
coal stove	0	0	0	0		0	0	0	0				
wood stove	0	0	0	0		0	0	0	0				
fire place	0	0	0	0		0	0	0	0				
<b>for indoor air</b>													
open window	8	17.39	4	11.76	0,255*	12	15	12	15				
air conditioning	4	8.696	5	14.71		9	11.25	9	11.25				
humidifier	0	0	1	2.941		1	1.25	1	1.25				
electric air cleaner	0	0	2	5.882		2	2.5	2	2.5				
<b>other</b>													
photocopier or laser printer (same room)	10	21.74	5	14.71	0,013*	15	18.75	15	18.75				
<b>ACTIVITIES</b>													
developing/printing photos	0	0	0	0		0	0	0	0				
painting/drawing	0	0	1	2.941		1	1.25	1	1.25				
using glue	2	4.348	0	0		2	2.5	2	2.5				
using deodorant, perfume, after shave	23	50	9	26.47		32	40	32	40				
using cleaning chemicals	9	19.57	4	11.76		13	16.25	13	16.25				
wearing newly dry cleaned clothes	4	8.696	0	0		4	5	4	5				
grilling	0	0	0	0		0	0	0	0				
staying in home workshop	2	4.348	1	2.941		3	3.75	3	3.75				
staying in indoor ice rink	0	0	0	0		0	0	0	0				
staying in garage	2	4.348	0	0		2	2.5	2	2.5				
visiting a petrol station	2	4.348	1	2.941		3	3.75	3	3.75				
washing car	0	0	0	0		0	0	0	0				
heavy outdoor work/activity	2	4.348	1	2.941		3	3.75	3	3.75				
heavy indoor work/activity	2	4.348	1	2.941		3	3.75	3	3.75				

\* expected value(s) < 5 : exact Fisher test

**Annex II: Table 9/H. Frequencies of equipment use and activities of the Exposure and Diary sample (Retrospective Short Term Recall Questionnaire)**

HELSINKI	Women		Men		men/women Chi-Sq-Stat	Exposure Sa		Diary sample		Exposure/Diary Chi-Sq-Stat
	N	%	N	%		N	%	N	%	
<b>HOME EQUIPMENT USED</b>										
<b>in kitchen</b>										
gas stove	14	7	9	7	0.826	9	6	14	8	0.495
wood/coal fired stove	1	1	2	1	0.374	2	1	1	1	0.473
extract fan	90	37	76	44	0.107	78	40	88	40	0.996
<b>other appliances</b>										
unvented gas water heater	0	0	0	0		0	0	0	0	
unvented gas clothes dryer	0	0	0	0		0	0	0	0	
electric clothes dryer	16	6	9	5	0.582	13	7	12	5	0.680
vacuum cleaner (by somebody)	91	36	72	41	0.293	58	29	105	46	0.000
<b>for heating</b>										
gas heater	0	0	1	1	0.228	0	0	1	0	0.346
paraffin heater	0	0	0	0		0	0	0	0	
fuel oil heater	2	1	2	1	0.724	2	1	2	1	0.881
coal stove	0	0	0	0		0	0	0	0	
wood stove	3	1	1	1	0.521	3	2	1	0	0.257
fire place	10	4	4	2	0.335	4	2	10	4	0.169
<b>for indoor air</b>										
open window	219	87	150	85	0.526	170	85	199	87	0.744
air conditioning	4	2	1	1	0.335	3	2	2	1	0.602
humidifier	6	2	2	1	0.348	3	2	5	2	0.603
electric air cleaner	12	5	7	4	0.657	7	4	12	5	0.390
<b>for bathing</b>										
wood heated sauna	10	4	5	3	0.533	4	2	11	5	0.117
<b>WORKPLACE EQUIPMENT USED</b>										
<b>for heating</b>										
gas heater	0	0	1	1	0.244	0	0	1	1	0.337
paraffin heater	0	0	0	0		0	0	0	0	
fuel oil heater	0	0	2	2	0.096	1	1	1	1	0.892
coal stove	0	0	0	0		0	0	0	0	
wood stove	0	0	0	0		0	0	0	0	
fire place	0	0	0	0		0	0	0	0	
<b>for indoor air</b>										
open window	96	46	63	40	0.230	68	41	91	46	0.335
air conditioning	44	23	42	28	0.219	33	20	53	30	0.037
humidifier	7	3	9	6	0.297	7	4	8	5	0.829
electric air cleaner	20	10	8	5	0.101	13	8	15	8	0.997
<b>other</b>										
photocopier or laser printer (same room)	96	46	52	35	0.030	60	36	88	46	0.064
<b>ACTIVITIES</b>										
developing/printing photos	2	1	2	1	0.721	2	1	2	1	0.884
painting/drawing	17	7	8	5	0.333	5	3	20	9	0.006
using glue	25	10	9	5	0.066	13	7	21	9	0.314
using deodorant, perfume, after shave	234	92	140	80	0.000	164	82	210	91	0.006
using cleaning chemicals	114	50	56	39	0.038	72	49	98	43	0.255
wearing newly dry cleaned clothes	4	2	4	2	0.583	3	2	5	2	0.599
grilling	3	1	9	5	0.016	4	2	8	3	0.358
staying in home workshop	30	12	25	14	0.511	16	8	39	17	0.005
staying in indoor ice rink	3	1	5	3	0.220	4	2	4	2	0.830
staying in garage	16	6	24	14	0.011	15	8	25	11	0.250
visiting a petrol station	36	14	52	30	0.000	31	16	57	25	0.015
washing car	3	1	10	6	0.008	4	2	9	4	0.252
heavy outdoor work/activity	79	32	64	36	0.319	52	26	91	40	0.003
heavy indoor work/activity	49	20	40	23	0.422	34	17	55	24	0.092

**Annex II: Table 9/M. Frequencies of equipment use and activities of the Exposure and Diary samples in MILAN. (Retrospective Short Term Recall Questionnaire)**

MILAN	Women		Men		men/women Chi-Sq-Stat	All		Exposure		Diary		Expos/Diary Chi-Sq-Stat
	N	%	N	%		N	%	N	%	N	%	
<b>HOME EQUIPMENT USED</b>												
<b>in kitchen</b>												
gas stove	134	88.7	126	84.6	0.29	260	86.7	39	78	221	88.4	0.05
wood/coal fired stove	0	0	0	0	-	0	0	0	0	0	0	-
extract fan	58	38.4	62	41.6	0.57	120	40	25	50	95	38	0.11
<b>other appliances</b>												
unvented gas water heater	9	6	5	3.4	0.28	14	4.7	2	4	12	4.8	0.81
unvented gas clothes dryer	0	0	0	0	0.31	0	0	0	0	0	0	0.65
electric clothes dryer	2	1.3	0	0	0.16	2	0.7	1	2	1	0.4	0.2
vacuum cleaner (by somebody)	96	63.8	86	58.1	0.33	182	60.9	20	40.8	88	35.2	0.002
<b>for heating</b>												
gas heater	6	4	14	9.4	0.06	20	6.7	5	10	15	6	0.3
paraffin heater	0	0	0	0	-	0	0	0	0	0	0	-
fuel oil heater	1	0.7	2	1.3	0.55	3	1	0	0	3	1.2	0.44
coal stove	0	0	0	0	-	0	0	0	0	0	0	-
wood stove	0	0	0	0	-	0	0	0	0	0	0	-
fire place	0	0	5	3.4	0.02	5	1.7	0	0	5	2	0.31
<b>for indoor air</b>												
open window	147	97.4	147	98.7	0.42	294	98	50	100	244	97.6	0.27
air conditioning	3	2	6	4	0.3	9	3	0	0	9	3.6	0.17
humidifier	7	4.6	3	2	0.2	10	3.3	0	0	10	4	0.15
electric air cleaner	0	0	5	3.4	0.02	5	1.7	0	0	5	2	0.31
<b>for bathing</b>												
wood heated sauna	0	0	0	0	-	0	0	0	0	0	0	-
<b>WORKPLACE EQUIPMENT USED</b>												
<b>for heating</b>												
gas heater	5	4	6	4.6	0.81	11	4.3	1	2	10	4.9	0.36
paraffin heater	1	0.8	1	0.8	0.97	2	0.8	0	0	2	1	0.48
fuel oil heater	0	0	5	3.8	0.02	5	2	1	2	4	2	0.98
coal stove	0	0	0	0	-	0	0	0	0	0	0	-
wood stove	0	0	1	0.8	0.32	1	0.3	0	0	1	0.4	0.62
fire place	0	0	0	0	-	0	0	0	0	0	0	-
<b>for indoor air</b>												
open window	87	70.2	85	65.4	0.41	172	67.7	39	78	133	65.2	0.08
air conditioning	36	29	37	28.5	0.92	73	28.7	14	28	59	28.9	0.89
humidifier	5	4	8	6.2	0.44	13	5.1	0	0	13	6.4	0.07
electric air cleaner	5	4	10	7.7	0.21	15	5.9	1	2	14	6.9	0.19
<b>other</b>												
photocopier or laser printer (same room)	83	66.9	95	73.1	0.28	178	70.1	37	74	141	69.1	0.49
<b>ACTIVITIES</b>												
developing/printing photos	4	2.6	4	2.7	0.98	8	2.7	3	6	5	2	0.11
painting/drawing	7	4.6	5	3.4	0.57	12	4	0	0	12	4.8	0.11
using glue	27	17.9	15	10.1	0.05	42	14	4	8	38	15.2	0.18
using deodorant, perfume, after shave	147	97.4	127	85.2	0.000	274	91.3	46	92	228	91.2	0.08
using cleaning chemicals	94	62.3	68	45.6	0.000	162	54	26	52	136	54.4	0.75
wearing newly dry cleaned clothes	71	47	58	38.9	0.31	129	43	21	42	108	43.2	0.73
grilling	10	6.6	8	5.4	0.64	18	6	1	2	17	6.8	0.19
staying in home workshop	13	8.6	24	16.1	0.04	37	12.3	6	12	31	12.4	0.94
staying in indoor ice rink	0	0	2	1.3	0.15	2	0.7	1	2	1	0.4	0.2
staying in garage	10	6.6	27	18.1	0.000	37	12.3	3	6	34	13.6	0.13
visiting a petrol station	28	18.5	67	45	0.000	95	31.7	2	4	93	37.2	0.000
washing car	0	0	6	4	0.01	6	2	1	2	5	2	1
heavy outdoor work/activity	11	7.3	18	12.1	0.16	29	9.7	1	2	28	11.2	0.04
heavy indoor work/activity	42	27.8	33	22.1	0.2	75	25	7	14	68	27.2	0.02

**Annex II: Table 9/P. Frequencies of equipment use and activities of the Exposure and Diary sample (Retrospective Short Term Recall Questionnaire)**

Prague	Women		Men		men/women Chi-Sq-Stat	All		Exposure		Diary	
	N	%	N	%		N	%	N	%	N	%
<b>HOME EQUIPMENT USED</b>											
<b>in kitchen</b>											
gas stove	35	63.6	20	69.0	0.239	56	65.1	34	68.0	21	61.8
wood/coal fired stove	0	0.0	0	0.0		0	0.0	0	0.0	0	0.0
extract fan	8	14.5	7	24.1	1.191	15	17.4	9	18.0	6	17.6
<b>other appliances</b>											
unvented gas water heater	4	7.3	2	6.9	0.004	6	7.0	4	8.0	2	5.9
unvented gas clothes dryer	0	0.0	0	0.0		0	0.0	0	0.0	0	0.0
electric clothes dryer	1	1.8	1	3.4	0.217	2	2.3	2	4.0	0	0.0
vacuum cleaner (by somebody)	19	34.5	12	41.4	0.381	31	36.0	17	34.0	14	41.2
<b>for heating</b>											
gas heater	16	29.1	9	31.0	0.034	26	30.2	17	34.0	8	23.5
paraffin heater	0	0.0	0	0.0		0	0.0	0	0.0	0	0.0
fuel oil heater	0	0.0	0	0.0		0	0.0	0	0.0	0	0.0
coal stove	0	0.0	1	3.4	1.919	1	1.2	1	2.0	0	0.0
wood stove	0	0.0	1	3.4	1.919	1	1.2	1	2.0	0	0.0
fire place	0	0.0	0	0.0		0	0.0	0	0.0	0	0.0
<b>for indoor air</b>											
open window	52	94.5	26	89.7	0.685	80	93.0	45	90.0	33	97.1
air conditioning	0	0.0	0	0.0		0	0.0	0	0.0	0	0.0
humidifier	1	1.8	0	0.0	0.534	1	1.2	0	0.0	1	2.9
electric air cleaner	1	1.8	1	3.4	0.217	2	2.3	1	2.0	1	2.9
<b>for bathing</b>											
wood heated sauna	0	0.0	0	0.0		0	0.0	0	0.0	0	0.0
<b>WORKPLACE EQUIPMENT USED</b>											
<b>for heating</b>											
gas heater	1	2.2	1	3.8	0.159	2	2.7	1	2.2	1	3.8
paraffin heater	0	0.0	0	0.0		0	0.0	0	0.0	0	0.0
fuel oil heater	0	0.0	1	3.8	1.755	1	1.4	1	2.2	0	0.0
coal stove	0	0.0	0	0.0		0	0.0	0	0.0	0	0.0
wood stove	0	0.0	0	0.0		0	0.0	0	0.0	0	0.0
fire place	0	0.0	0	0.0		0	0.0	0	0.0	0	0.0
<b>for indoor air</b>											
open window	36	80.0	18	69.2	1.049	56	76.7	34	75.6	20	76.9
air conditioning	5	11.1	3	11.5	0.003	8	11.0	5	11.1	3	11.5
humidifier	2	4.4	0	0.0	1.189	2	2.7	1	2.2	1	3.8
electric air cleaner	4	8.9	1	3.8	0.640	5	6.8	3	6.7	2	7.7
<b>other</b>											
photocopier or laser printer (same room)	14	31.1	1	3.8	7.351	15	20.5	9	20.0	6	23.1
<b>ACTIVITIES</b>											
developing/printing photos	0	0.0	1	3.4	1.919	1	1.2	0	0.0	1	2.9
painting/drawing	3	5.5	0	0.0	1.640	3	3.5	1	2.0	2	5.9
using glue	3	5.5	1	3.4	0.169	4	4.7	0	0.0	4	11.8
using deodorant, perfume, after shave	53	96.4	18	62.1	17.072	73	84.9	39	78.0	32	94.1
using cleaning chemicals											
wearing newly dry cleaned clothes	10	18.2	2	6.9	1.975	13	15.1	4	8.0	8	23.5
grilling	1	1.8	2	6.9	1.422	3	3.5	0	0.0	3	8.8
staying in home workshop	3	5.5	3	10.3	0.685	6	7.0	6	12.0	0	0.0
staying in indoor ice rink	0	0.0	1	3.4	1.919	1	1.2	0	0.0	1	2.9
staying in garage	1	1.8	4	13.8	4.864	5	5.8	4	8.0	1	2.9
visiting a petrol station	3	5.5	3	10.3	0.685	6	7.0	3	6.0	3	8.8
washing car	0	0.0	1	3.4	1.919	1	1.2	1	2.0	0	0.0
heavy outdoor work/activity	3	5.5	3	10.3	0.685	6	7.0	4	8.0	2	5.9
heavy indoor work/activity	12	21.8	3	10.3	1.704	15	17.4	5	10.0	10	29.4



Annex II: Table 10/A. Mean decimal hours of use/day excluding non-users in ATHENS.  
(Retrospective Short Term Recall Questionnaire)

ATHENS	Women		Men		men/women t-test	All		Exposure		Diary		Expos/Diary t-test
	use/d	sdev	use/d	sdev		use/d	sdev	use/d	sdev	use/d	sdev	
<b>HOME EQUIPMENT USED</b>												
<b>in kitchen</b>												
gas stove	1.19	1.50	0.70	0.73	0.643	0.89	0.95	1.08	0.98	0.13	0.00	0.445
wood/coal fired stove	0.0	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00		
extract fan	0.94	0.90	0.99	0.59	0.877	0.95	0.83	0.80	0.68	1.09	0.93	0.216
<b>other appliances</b>												
unvented gas water heater	1.00		0.00			1.00		0.00		1.0		
unvented gas clothes dryer												
electric clothes dryer	0.00		0.00			0.00		0.00		0.0		
vacuum cleaner (by somebody)												
<b>for heating</b>												
gas heater	1.00		0.00	0.00		1.00		1.0		1.0	6.58	
paraffin heater	5.50		0.00	0.00		5.5		0.0		5.5	5.32	
fuel oil heater	0.00		2.00	0.00		2.00		2.0		0.0		
coal stove	0.00	0.0	0.00	0.00		0.00		0.0		0.0		
wood stove	0.00	0.0	0.00	0.00		0.00		0.0		0.0		
fire place	2.5		0.00	0.00		2.5		0.0		2.5		
<b>for indoor air</b>												
open window	5.48	7.31	6.39	8.24	0.580	5.85	7.67	6.67	8.66	5.06	15.24	0.318
air conditioning	4.46	5.24	3.33	5.24		0.661	4.01	4.62	2.45	2.58		
humidifier	0.5		0.00	0.00		0.5		0.5		0.00		
electric air cleaner	0.0		1.00	0.00		1.00		0.00		1.00		
<b>for bathing</b>												
wood heated sauna												
<b>WORKPLACE EQUIPMENT USED</b>												
<b>for heating</b>												
gas heater	0.0	0.0	0.0			0.0						
paraffin heater	0.0	0.0	0.0			0.0						
fuel oil heater	2.4	0.0	0.0			2.4						
coal stove	0.0	0.0	0.0			0.0				2.4		
wood stove	0.0	0.0	0.0			0.0						
fire place	0.0	0.0	0.0			0.0						
<b>for indoor air</b>												
open window	4.46	7.13	7.13	15.70	0.455	5.67	11.67	4.76	6.69	6.59	15.24	0.608
air conditioning	4.08	5.33	5.33	2.83		0.279	4.82	2.59	5.28	2.98	4.44	
humidifier	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	
electric air cleaner	2.00	0.00	0.00			2.00	0.00	2.0		0.00		
<b>other</b>												
photocopier or laser printer (same r	0.87	0.50	0.62	0.62	0.223	0.71	0.77	0.94	0.94	0.52	0.55	0.158
<b>ACTIVITIES</b>												
developing/printing photos	0.04	0.00	0.00			0.04		0.04		0.00		
painting/drawing	0.96	0.00	0.00			0.96	0.90	0.5		1.19	1.15	0.711
using glue	0.22	0.00	0.00			0.22	0.27	0.04		0.28	0.30	0.564
using deodorant, perfume, after shave												
using cleaning chemicals												
wearing newly dry cleaned clothes												
grilling	0.83	0.24	0.10	0.02	0.010	0.39	0.42	0.13		0.46	0.45	0.557
staying in home workshop	0.56	0.09	3.50			0.023	1.54	1.70	3.50		0.56	
staying in indoor ice rink	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
staying in garage	0.5		0.02			0.26	0.34	0.02		0.5		
visiting a petrol station	0.27	0.06	0.98	3.35	0.291	0.58	2.38	0.13	0.19	0.79	2.88	0.415
washing car	0.25	0.00	3.28	6.55		0.563	2.42	5.55	0.00		2.42	
heavy outdoor work/activity	1.44	1.45	1.16	0.24	0.712	1.34	1.14	0.88	0.48	1.60	1.35	0.334
heavy indoor work/activity	0.84	0.84	1.56	1.05		0.183	1.02	0.92	0.72	0.42	1.20	

**Annex II: Table 10/B. Mean decimal hours of use/day excluding non-users in BASEL  
(Retrospective Short Term Recall Questionnaire)**

BASEL	Women		Men		men/women t-test	All		Exposure		Diary		Expos/Diary t-test
	use/d	sdev	use/d	sdev		use/d	sdev	use/d	sdev	use/d	sdev	
<b>HOME EQUIPMENT USED</b>												
<b>in kitchen</b>												
gas stove	1.63	1.17	1.17	1.00	0.248	1.40	1.10	1.53	0.93	1.38	1.14	0.451
wood/coal fired stove	-	-	-	-	-	-	-	-	-	-	-	-
extract fan	1.79	5.57	0.98	0.92	0.287	1.44	4.25	3.73	10.76	1.04	0.95	0.014
<b>other appliances</b>												
unvented gas water heater	0.38	0.18	0.72	0.82	0.614	0.58	0.62	-	-	0.58	0.62	-
unvented gas clothes dryer	-	-	-	-	-	-	-	-	-	-	-	-
electric clothes dryer	1.54	1.55	1.50	0.71	0.972	1.53	1.42	0.08	-	1.67	1.41	-
vacuum cleaner (by somebody)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>for heating</b>												
gas heater	28.86	19.12	20.31	18.95	0.493	25.75	18.59	33.75	20.15	23.97	19.02	0.530
paraffin heater	-	-	-	-	-	-	-	-	-	-	-	-
fuel oil heater	18.00	8.49	7.00	-	-	14.33	8.74	-	-	14.33	8.74	-
coal stove	-	-	-	-	-	-	-	-	-	-	-	-
wood stove	12.00	-	-	-	-	12.00	-	12.00	-	-	-	-
fire place	-	-	-	-	-	-	-	-	-	-	-	-
<b>for indoor air</b>												
open window	20.63	18.20	20.09	18.86	0.796	20.38	18.48	20.37	18.77	20.39	18.46	0.994
air conditioning	0.75	-	5.50	2.12	-	3.92	3.13	-	-	3.92	3.13	-
humidifier	20.90	17.07	4.51	6.36	0.056	11.96	14.49	14.50	-	11.71	15.25	-
electric air cleaner	10.83	18.54	26.00	31.11	0.414	14.62	20.81	48.00	-	9.86	17.12	-
<b>for bathing</b>												
wood heated sauna	3.75	-	-	-	-	3.75	-	-	-	3.75	-	-
<b>WORKPLACE EQUIPMENT USED</b>												
<b>for heating</b>												
gas heater	5.04	7.01	16.75	-	-	8.94	8.39	0.08	-	13.38	4.77	-
paraffin heater	-	-	-	-	-	-	-	-	-	-	-	-
fuel oil heater	18.50	-	8.50	7.78	-	11.83	7.97	-	-	11.83	7.97	-
coal stove	-	-	-	-	-	-	-	-	-	-	-	-
wood stove	4.00	-	-	-	-	4.00	-	-	-	4.00	-	-
fire place	4.50	5.66	0.08	-	-	3.03	4.74	4.29	5.95	0.50	-	-
<b>for indoor air</b>												
open window	9.14	11.59	10.32	12.69	0.495	9.73	12.13	7.66	7.44	10.08	12.73	0.331
air conditioning	13.38	13.10	18.39	11.70	0.164	16.39	12.40	8.90	6.92	17.22	12.64	0.157
humidifier	17.80	16.14	19.08	10.99	0.823	18.52	13.15	15.65	15.53	19.78	12.31	0.501
electric air cleaner	14.50	13.42	23.28	10.15	0.137	18.89	12.39	7.00	-	19.59	12.40	-
<b>other</b>												
photocopier or laser printer (same room)	6.36	8.78	4.80	7.73	0.285	5.51	8.23	5.42	8.21	5.53	8.27	0.960
<b>ACTIVITIES</b>												
developing/printing photos	2.00	0.00	0.22	0.05	-	0.93	0.97	0.25	-	1.11	1.03	-
painting/drawing	1.33	1.01	1.72	1.28	0.338	1.50	1.14	1.50	1.41	1.50	1.14	0.997
using glue	0.54	0.68	0.53	0.66	0.948	0.53	0.66	0.25	0.22	0.56	0.68	0.446
using deodorant, perfume, after shave	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
using cleaning chemicals	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
wearing newly dry cleaned clothes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
grilling	1.09	0.67	1.22	1.23	0.793	1.13	0.84	0.69	0.70	1.23	0.86	0.336
staying in home workshop	2.44	0.72	0.99	1.01	0.020	1.35	1.13	0.17	-	1.43	1.12	-
staying in indoor ice rink	-	-	-	-	-	-	-	-	-	-	-	-
staying in garage	0.24	0.40	1.31	4.40	0.262	0.89	3.46	3.86	7.78	0.25	0.35	0.002
visiting a petrol station	0.15	0.06	0.39	0.90	0.384	0.34	0.80	0.79	1.14	0.28	0.74	0.139
washing car	-	-	0.44	0.38	-	0.44	0.38	1.00	-	0.25	0.08	-
heavy outdoor work/activity	1.91	1.88	2.81	4.43	0.250	2.39	3.49	1.33	0.63	2.54	3.70	0.310
heavy indoor work/activity	2.66	4.34	1.32	0.96	0.127	2.10	3.41	0.75	0.53	2.24	3.55	0.312

N/A: not applicable



**Annex II: Table 10/G. Mean decimal hours of use/day excluding non-users in GRENOBLE  
(Retrospective Short Term Recall Questionnaire)**

GRENOBLE Exposure sample = all	Women		Men		men/women t-test	All		Exposure		Diary		Expos/Diary t-test
	use/d	sdev	use/d	sdev		use/d	sdev	use/d	sdev	use/d	sdev	
<b>HOME EQUIPMENT USED</b>												
<b>in kitchen</b>					0.245							
gas stove	0.7	0.58	0.77	0.61		0.72	0.52	0.72	0.52			
wood/coal fired stove	0	0	0	0		0	0	0	0			
extract fan	0.25	0.22	1.25	0.35		0.65	0.6	0.65	0.6			
<b>other appliances</b>					0.769							
unvented gas water heater	4	8.6	8.34	10.84		4.96	8.59	4.96	8.59			
unvented gas clothes dryer	0	0	0	0		0	0	0	0			
electric clothes dryer	1.5	0	0	0		1.5	0	1.5	0			
vacuum cleaner (by somebody)												
<b>for heating</b>					0.223							
gas heater	20.75	16.8	12.08	8.99		18.47	14.64	18.47	14.64			
paraffin heater	0	0	0	0		0	0	0	0			
fuel oil heater	23	0	0	0		23	0	23	0			
coal stove	0	0	0	0		0	0	0	0			
wood stove	0	0	0	0		0	0	0	0			
fire place	2	0	0	0		2	0	2	0			
<b>for indoor air</b>												
open window	2.53	4.2	3.26	5.71		2.79	4.73	2.79	4.73			
air conditioning	0	0	0	0		0	0	0	0			
humidifier	0	0	0	0		0	0	0	0			
electric air cleaner	0	0	0	0		0	0	0	0			
<b>for bathing</b>												
wood heated sauna	0	0	0	0		0	0	0	0			
<b>WORKPLACE EQUIPMENT USED</b>												
<b>for heating</b>					0.618							
gas heater	0	0	16	0		16	0	16	0			
paraffin heater	0	0	0	0		0	0	0	0			
fuel oil heater	16	0	10	0		14	3.46	14	3.46			
coal stove	0	0	0	0		0	0	0	0			
wood stove	0	0	0	0		0	0	0	0			
fire place	0	0	0	0		0	0	0	0			
<b>for indoor air</b>					0.618							
open window	1.89	2.05	0.81	0.38		1.53	1.73	1.53	1.73			
air conditioning	10.58	7.4	10.83	0.38		9.74	7.87	9.74	7.87			
humidifier	0	0	0.33	0		0.33	0	0.33	0			
electric air cleaner	0	0	8.17	11.08		8.17	11.1	8.17	11.1			
<b>other</b>												
photocopier or laser printer (same room)	1.57	1.9	3.63	4.06		2.26	2.83	2.26	2.83			
<b>ACTIVITIES</b>					0.398							
developing/printing photos	0	0	0	0		0	0	0	0			
painting/drawing	0	0	2	0		2	0	2	0			
using glue	0.17	0.12	0	0		0.17	0.12	0.17	0.12			
using deodorant, perfume, after shave												
using cleaning chemicals												
wearing newly dry cleaned clothes												
grilling	0	0	0	0		0	0	0	0			
staying in home workshop	1.63	0.12	0.5	0		1.25	1.52	1.25	1.52			
staying in indoor ice rink	0	0	0	0		0	0	0	0			
staying in garage	0.29	0.06	0	0		0.29	0.06	0.29	0.06			
visiting a petrol station	0.17	0.12	0.08	0		0.14	0.098	0.14	0.098			
washing car	0	0	0	0		0	0	0	0			
heavy outdoor work/activity	1.5	0.71	6	0		3	2.65	3	2.65			
heavy indoor work/activity	1.5	0.71	2	0		1.67	0.58	1.67	0.58			

**Annex II: Table 10/H.. Mean decimal hours of use/day excluding non-users in HELSINKI  
(Retrospective Short Term Recall Questionnaire)**

HELSINKI	Women		Men		men/women t-test	All		Exposure		Diary		Expos/Diary t-test
	use/d	sdev	use/d	sdev		use/d	sdev	use/d	sdev	use/d	sdev	
<b>HOME EQUIPMENT USED</b>												
<b>in kitchen</b>												
gas stove	0.61	0.80	0.50	0.39	0.665	0.56	0.66	0.59	0.41	0.54	0.80	0.846
wood/coal fired stove	0.75		1.00	0.00		0.92	0.15	1.00	0.00	0.75		
extract fan	2.45	6.04	5.65	9.34	0.011	3.91	7.87	4.06	8.15	3.79	7.66	0.827
<b>other appliances</b>												
unvented gas water heater												
unvented gas clothes dryer												
electric clothes dryer	1.03	0.70	0.79	0.48	0.323	0.94	0.63	0.85	0.43	1.05	0.80	0.452
vacuum cleaner (by somebody)												
<b>for heating</b>												
gas heater			0.33			0.33				0.33		
paraffin heater												
fuel oil heater	24.00	0.00	12.25	16.62	0.500	18.13	11.75	24.00	0.00	12.25	16.62	0.500
coal stove												
wood stove	2.75	1.39	1.00			2.32	1.44	2.67	1.53	1.25		
fire place	1.94	1.37	1.38	1.11	0.453	1.78	1.28	1.29	1.19	1.97	1.33	0.385
<b>for indoor air</b>												
open window	9.29	9.73	8.82	9.39	0.642	9.10	9.58	8.85	9.72	9.31	9.48	0.647
air conditioning	6.69	11.55	24.00			10.15	12.65	16.34	13.28	0.88	0.53	0.181
humidifier	9.00	8.90	12.50	16.27	0.814	9.88	9.85	12.34	11.51	8.40	9.82	0.648
electric air cleaner	10.25	9.27	10.65	9.42	0.930	10.40	9.06	15.93	10.28	7.17	6.77	0.075
<b>for bathing</b>												
wood heated sauna	1.02	0.41	0.75	0.25	0.140	0.93	0.38	0.91	0.57	0.93	0.32	0.950
<b>WORKPLACE EQUIPMENT USED</b>												
<b>for heating</b>												
gas heater			9.00			9.00				9.00		
paraffin heater												
fuel oil heater			18.00	8.49		18.00	8.49	24.00		12.00		
coal stove												
wood stove												
fire place												
<b>for indoor air</b>												
open window	4.37	5.63	5.68	6.35	0.186	4.89	5.94	3.79	4.76	5.71	6.59	0.035
air conditioning	10.85	7.64	15.40	8.18	0.009	13.08	8.18	13.47	8.30	12.83	8.18	0.728
humidifier	12.29	8.66	11.45	9.78	0.858	11.82	9.01	11.72	9.11	11.89	9.48	0.972
electric air cleaner	8.65	6.13	9.32	6.68	0.810	8.84	6.17	7.98	2.99	9.58	8.03	0.483
<b>other</b>												
photocopier or laser printer (same room)	2.16	2.81	1.44	2.50	0.112	1.91	2.72	1.86	2.74	1.94	2.72	0.861
<b>ACTIVITIES</b>												
developing/printing photos	0.52	0.68	2.38	2.30	0.449	1.45	1.75	0.40	0.50	2.50	2.12	0.386
painting/drawing	0.97	1.41	1.35	1.82	0.612	1.09	1.53	1.43	2.03	1.01	1.43	0.681
using glue	0.26	0.28	0.96	2.27	0.383	0.44	1.19	0.20	0.17	0.59	1.50	0.252
using deodorant, perfume, after shave												
using cleaning chemicals												
wearing newly dry cleaned clothes												
grilling	1.42	1.42	1.21	2.55	0.864	1.26	2.26	0.25	0.10	1.77	2.68	0.153
staying in home workshop	1.33	1.05	0.91	0.68	0.080	1.14	0.92	0.92	0.60	1.23	1.02	0.169
staying in indoor ice rink	0.71	0.26	0.95	0.45	0.376	0.86	0.39	0.94	0.32	0.78	0.49	0.607
staying in garage	0.17	0.24	0.58	0.71	0.014	0.42	0.60	0.43	0.71	0.41	0.54	0.926
visiting a petrol station	0.46	1.79	0.34	1.41	0.738	0.39	1.57	0.51	1.92	0.32	1.35	0.627
washing car	0.45	0.49	0.32	0.17	0.693	0.35	0.25	0.20	0.07	0.41	0.28	0.062
heavy outdoor work/activity	0.96	0.94	1.37	1.70	0.087	1.15	1.34	1.08	1.63	1.18	1.16	0.698
heavy indoor work/activity	1.23	1.81	1.48	1.83	0.521	1.34	1.81	1.14	1.30	1.47	2.07	0.358

**Annex II: Table 10/M. Mean decimal hours of use/day excluding non-users in MILAN  
(Retrospective Short Term Recall Questionnaire)**

MILAN	Women		Men		men/women t-test	All		Exposure		Diary		Expos/Diary t-test
	use/d	sdev	use/d	sdev		use/d	sdev	use/d	sdev	use/d	sdev	
<b>HOME EQUIPMENT USED</b>												
<b>in kitchen</b>												
gas stove	1.12	0.71	0.89	0.58	0.006	1.01	0.66	0.79	0.46	1.05	0.68	0.004
wood/coal fired stove	0	0	0	0	-	0	0	0	0	0	0	-
extract fan	0.6	0.45	0.41	0.3	0.01	0.5	0.39	0.56	0.5	0.48	0.36	0.468
<b>other appliances</b>												
unvented gas water heater	6.42	9.2	1.87	2.36	0.192	4.79	7.67	1.29	0.41	5.37	8.18	0.113
unvented gas clothes dryer	0	0	0	0	-	0	0	0	0	0	0	-
electric clothes dryer	0.64	0.5	0	0	-	0.64	0.5	1	0	0.29	0	-
vacuum cleaner (by somebody)	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
<b>for heating</b>												
gas heater	2.53	1.46	2.92	1.52	0.6	2.8	1.47	3.13	2.46	2.69	1.08	0.715
paraffin heater	0	0	0	0	-	0	0	0	0	0	0	-
fuel oil heater	2.5	-	7.75	6.72	-	6	5.63	0	0	6	5.63	-
coal stove	0	0	0	0	-	0	0	0	0	0	0	-
wood stove	0	0	0	0	-	0	0	0	0	0	0	-
fire place	0	0	0.77	0.66	-	0.77	0.66	0	0	0.77	0.66	-
<b>for indoor air</b>												
open window	4.47	4.69	4.31	4.45	0.772	4.39	4.56	5.18	5.04	4.23	4.45	0.223
air conditioning	3.5	1.32	3.46	2.55	0.979	3.48	2.12	0	0	3.48	2.12	-
humidifier	8.93	10.42	5.33	2.52	0.419	7.85	8.76	0	0	7.85	8.76	-
electric air cleaner	0	0	11.12	9.3	-	11.12	9.3	0	0	11.12	9.3	-
<b>for bathing</b>												
wood heated sauna	0	0	0	0	-	0	0	0	0	0	0	-
<b>WORKPLACE EQUIPMENT USED</b>												
<b>for heating</b>												
gas heater	5.48	2.94	6.17	1.47	0.654	5.86	2.16	5	-	5.94	2.26	-
paraffin heater	8	-	6	-	-	7	1.41	0	0	7	1.41	-
fuel oil heater	0	0	5.6	2.3	-	5.6	2.3	5	-	5.75	2.63	-
coal stove	0	0	0	0	-	0	0	0	0	0	0	-
wood stove	0	0	5	-	-	5	-	0	0	5	-	-
fire place	0	0	0	0	-	0	0	0	0	0	0	-
<b>for indoor air</b>												
open window	2.43	2.42	3	3.1	0.183	2.71	2.79	3.52	3.29	2.47	2.58	0.072
air conditioning	5.92	2.81	7.06	3	0.099	6.5	2.94	5.08	2.91	6.84	2.87	0.055
humidifier	6	2.04	8.47	3.94	0.183	7.65	3.53	0	0	7.65	3.53	-
electric air cleaner	7.3	3.67	7.7	3.38	0.177	7.57	3.35	6	-	7.68	3.44	-
<b>other</b>												
photocopier or laser printer (same room)	2.55	2.5	2.06	2.3	0.177	2.29	2.4	2.37	2.7	2.26	2.33	0.821
<b>ACTIVITIES</b>												
developing/printing photos	0.17	0.09	2.12	2.02	0.147	1.15	1.68	1.05	0.92	1.2	2.13	0.899
painting/drawing	0.8	1.09	1.11	1.06	0.639	0.93	1.04	0	0	0.93	1.04	-
using glue	0.26	0.42	0.29	0.49	0.884	0.27	0.44	0.08	-	0.29	0.46	0.009
using deodorant, perfume, after shave	0.51	0.08	0.57	0.18	0.0001	0.54	0.14	0.54	0.14	0.54	0.14	0.884
using cleaning chemicals	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
wearing newly dry cleaned clothes	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
grilling	0.24	0.12	0.18	0.08	0.271	0.21	0.1	0.12	-	0.22	0.1	-
staying in home workshop	0.76	0.54	0.73	0.66	0.912	0.74	0.61	0.71	0.94	0.75	0.55	0.922
staying in indoor ice rink	0	0	0.71	0.29	-	0.71	0.29	0.5	-	0.91	-	-
staying in garage	0.18	0.13	0.53	1.52	0.25	0.43	1.3	0.18	0.1	0.45	1.36	0.26
visiting a petrol station	0.1	0.05	0.11	0.04	0.775	0.1	0.04	0.1	0.03	0.1	0.04	0.995
washing car	0	0	0.24	0.11	-	0.24	0.11	0.07	-	0.27	0.08	-
heavy outdoor work/activity	0.44	0.27	1.79	2.1	0.015	1.27	1.77	0.5	-	1.3	1.8	-
heavy indoor work/activity	0.95	0.8	0.73	0.91	0.284	0.85	0.85	0.65	0.26	0.87	0.89	0.165



**Annex II: Table 11 Degree of perceived air pollution annoyance in the different microenvironments in each EXPOLIS center (retrospective short term recall questionnaire)**

PERCEIVED ANNOYANCES DEGREE	% responding					
	Athens	Basle	Grenoble	Helsinki	Milan	Prague
<b>degree at home</b>						
low (0-3)	80.0	76.5	89.5	83.0	75.6	43.0
medium (4-7)	17.0	22.6	10.5	14.0	22.4	37.2
high (8-10)	3.0	0.9	0.0	3.0	2.0	19.8
<b>degree at work</b>						
low (0-3)	45.8	72.0	72.7	67.0	48.0	52.7
medium (4-7)	43.1	23.2	23.4	27.0	43.3	36.5
high (8-10)	11.1	4.8	3.9	6.0	8.7	10.8
<b>degree in commuting</b>						
low (0-3)	33.7	29.2	62.4	52.0	18.7	10.5
medium (4-7)	40.2	47.0	30.6	40.0	49.5	36.0
high (8-10)	26.1	23.8	7.1	8.0	31.8	53.5

**Annex II: Table 12 Distribution of causes of higher than average perceived air pollution annoyances in the different microenvironments in each EXPOLIS centre (retrospective short term recall questionnaire)**

PERCEIVED ANNOYANCES CAUSE	% of those responding higher than average					
	Athens	Basle	Grenoble	Helsinki	Milan	Prague
average level of annoyance at home		2.0	1.1	1.7	2.0	4.0
<b>cause at home</b>						
dust	20.5	30.8	55.6	63.0	17.0	27.9
exhaust gases	34.1	39.3	14.8	16.0	10.7	16.3
chemicals	6.8	4.3	0.0	2.0	2.0	0.0
other	38.6	25.6	29.6	20.0	6.3	1.2
average level of annoyance at work		2.6	1.9	2.6	4.0	3.0
<b>cause at work</b>						
dust	10.3	26.6	29.4	48.0	14.2	12.2
exhaust gases	35.9	33.6	23.5	24.0	5.9	17.6
chemicals	10.3	14.1	8.8	12.0	9.4	1.4
other	43.6	25.8	38.2	17.0	12.2	2.7
average level of annoyance commuting		5.0	3.1	3.6	6.0	7.0
<b>cause in commuting</b>						
dust	0.0	1.6	6.3	14.0	0.7	19.8
exhaust gases	82.7	91.3	87.5	85.0	45.8	67.5
chemicals	1.9	-	0.0	0.0	0.0	0.0
other	15.4	7.1	6.3	1.0	0.7	0.0



**Annex II: Table 13/A. Fractions of individuals entering given microenvironments or activities and the time (decimal hours) spent per 48-h-period in different microenvironments and activities for doers and all in Athens (TMAD)**

Athens	doers		hours spent															
	N	%	for those who do/stay (doers)						all									
			10 %	25 %	50 %	75 %	90 %	CV*	sd (CV)	10 %	25 %	50 %	75 %	90 %				
<b>TRAFFIC</b>																		
bike/walk	57	58 %	0.25	0.50	1.25	2.13	3.67	71.4	56.8	0.00	0.00	0.25	1.38	2.75				
motorbike/scooter	15	15 %	0.25	0.50	1.38	4.63	5.25	71.9	67.7	0.00	0.00	0.00	0.00	0.88				
car/taxi	79	80 %	0.75	1.25	2.25	4.04	6.00	73.5	53.5	0.00	0.50	1.75	3.63	5.25				
bus/tram	24	24 %	0.25	0.50	1.50	2.13	3.00	98.1	60.1	0.00	0.00	0.00	0.00	1.75				
train/metro	9	9 %	0.38	0.50	0.75	1.63	1.83	94.6	57.0	0.00	0.00	0.00	0.00	0.00				
<b>TRANSPORT SUM</b>	96	97 %	1.38	2.50	3.90	5.25	7.42	39.7	36.8	1.25	2.38	3.88	5.25	7.42				
<b>FIXED</b>																		
indoor at home	99	100 %	20.75	24.88	30.75	36.50	43.25	15.8	24.4	20.75	24.88	30.75	36.50	43.25				
outdoor near home	38	38 %	0.38	0.63	1.13	3.50	8.00	114.0	44.5	0.00	0.00	0.00	0.75	3.50				
indoor at work	67	68 %	5.38	7.63	12.75	15.13	17.13	34.8	44.3	0.00	0.00	8.08	13.63	16.88				
outdoor at work	20	20 %	0.63	1.00	2.00	3.44	6.50	107.0	50.6	0.00	0.00	0.00	0.00	2.00				
indoor elsewhere	70	71 %	0.56	1.50	2.94	4.50	8.85	88.8	57.7	0.00	0.00	1.75	3.75	6.75				
outdoor elsewhere	46	46 %	0.50	1.00	1.69	2.50	3.92	110.7	48.4	0.00	0.00	0.00	1.50	2.50				
<b>INDOOR SUM</b>	99	100 %	35.38	39.38	42.25	44.50	46.25	8.0	10.8	35.38	39.38	42.25	44.50	46.25				
<b>OUTDOOR SUM</b>	72	73 %	0.75	1.25	2.00	3.94	8.25	96.0	54.6	0.00	0.00	1.50	3.13	7.00				
<b>ACTIVITIES</b>																		
cooking	60	61 %	0.50	1.00	2.25	3.25	5.00	60.6	56.7	0.00	0.00	0.75	2.75	4.50				
smoking	16	16 %	0.25	1.88	3.25	8.38	27.00	61.0	59.8	0.00	0.00	0.00	0.00	2.00				
passive smoking (ETS)	53	54 %	0.50	1.75	2.75	6.75	10.50	71.6	57.3	0.00	0.00	0.50	2.75	8.75				
smoking indoors at home	11	11 %	1.00	1.00	3.75	7.00	15.38	49.2	42.6	0.00	0.00	0.00	0.00	1.00				
smoking indoors at work	11	11 %	0.75	1.25	1.63	4.50	9.25	65.7	56.4	0.00	0.00	0.00	0.00	0.75				
smoking indoors elsewhere	5	5 %	0.25	0.25	1.25	1.75	2.00	120.2	47.4	0.00	0.00	0.00	0.00	0.00				
ETS at home indoors	25	25 %	0.25	0.75	2.00	4.50	7.75	78.8	58.0	0.00	0.00	0.00	0.13	2.75				
ETS at work indoors	24	24 %	0.50	0.75	1.63	5.94	15.25	84.5	64.4	0.00	0.00	0.00	0.00	2.00				
ETS elsewhere indoors	27	27 %	0.25	0.75	2.00	3.25	6.75	117.6	47.1	0.00	0.00	0.00	0.25	2.63				

\*Coefficient of Variation as a measure of the between day (within-subject) variability (100% \* 2-day SD / 2-day mean)

\*\* Mann-Whitney U test

Non-Smokers may have been oversampled

**Annex II: Table 13/B. Fractions of individuals entering given microenvironments or activities and the time (decimal hours) spent per 48-h-period in different microenvironments and activities for doers and all in Basel (TMAD)**

Basel	doers		hours spent															
	N	%	for those who do/stay (doers)							all								
			10 %	25 %	50 %	75 %	90 %	CV*	sd (CV)	10 %	25 %	50 %	75 %	90 %				
<b>TRAFFIC</b>																		
bike/walk	300	93 %	0.73	1.38	2.25	3.23	4.38	46.4	40.6	0.50	1.25	2.08	3.13	4.38				
motorbike/scooter	25	8 %	0.17	0.25	0.58	1.25	2.50	100.7	58.6	0.00	0.00	0.00	0.00	0.00				
car/taxi	170	53 %	0.25	0.58	1.25	2.25	4.00	88.1	55.6	0.00	0.00	0.25	1.25	2.75				
bus/tram	154	48 %	0.25	0.50	0.88	1.42	2.33	79.8	54.7	0.00	0.00	0.00	0.83	1.63				
train/metro	34	11 %	0.25	0.46	1.00	3.13	4.83	107.0	55.7	0.00	0.00	0.00	0.00	0.25				
<b>TRANSPORT SUM</b>	322	100 %	1.75	2.54	3.60	5.00	6.88	34.6	29.8	1.75	2.54	3.60	5.00	6.88				
<b>FIXED</b>																		
indoor at home	322	100 %	19.50	22.50	26.15	31.21	37.00	15.2	21.1	19.50	22.50	26.15	31.21	37.00				
outdoor near home	149	46 %	0.25	0.50	1.00	2.50	4.81	102.3	50.3	0.00	0.00	0.00	0.81	2.75				
indoor at work	266	83 %	6.00	9.75	14.75	17.00	18.58	32.3	43.2	0.00	5.83	13.08	16.50	18.33				
outdoor at work	81	25 %	0.17	0.50	0.75	2.29	4.75	100.1	55.3	0.00	0.00	0.00	0.13	1.25				
indoor elsewhere	295	92 %	0.75	1.63	3.00	4.88	7.13	83.0	51.9	0.21	1.21	2.75	4.60	7.00				
outdoor elsewhere	154	48 %	0.25	0.63	1.00	2.38	4.50	108.4	48.3	0.00	0.00	0.00	1.00	3.00				
<b>INDOOR SUM</b>	322	100 %	37.25	39.75	42.35	44.42	45.58	5.0	5.3	37.25	39.75	42.35	44.42	45.58				
<b>OUTDOOR SUM</b>	233	72 %	0.25	0.75	2.00	4.25	8.04	86.2	52.5	0.00	0.00	1.00	3.25	6.25				
<b>ACTIVITIES</b>																		
cooking	262	81 %	0.50	0.75	1.25	2.25	3.50	63.6	52.9	0.00	0.50	1.00	2.00	3.00				
smoking	85	26 %	0.50	2.00	4.00	7.25	9.25	43.3	47.1	0.00	0.00	0.00	0.25	5.00				
passive smoking (ETS)	170	53 %	0.25	0.75	1.50	2.75	5.63	91.0	54.8	0.00	0.00	0.25	1.75	3.75				
smoking indoors at home	69	21 %	0.25	0.75	2.00	2.75	5.00	67.0	53.0	0.00	0.00	0.00	0.00	2.00				
smoking indoors at work	42	13 %	0.25	0.50	1.25	2.88	4.63	64.8	56.7	0.00	0.00	0.00	0.00	0.50				
smoking indoors elsewhere	46	14 %	0.25	0.25	0.50	1.25	3.00	103.3	55.5	0.00	0.00	0.00	0.00	0.25				
ETS at home indoors	41	13 %	0.25	0.50	1.00	2.00	3.38	92.8	57.9	0.00	0.00	0.00	0.00	0.25				
ETS at work indoors	68	21 %	0.25	0.25	0.75	2.00	5.50	90.2	60.8	0.00	0.00	0.00	0.00	0.75				
ETS elsewhere indoors	107	33 %	0.25	0.75	1.25	2.25	3.75	109.4	48.6	0.00	0.00	0.00	0.75	2.13				

\*Coefficient of Variation as a measure of the between day (within-subject) variability (100% \* 2-day SD / 2-day mean)

\*\* Mann-Whitney U test

Non-Smokers may have been oversampled



**Annex II: Table 13/G. Fractions of individuals entering given microenvironments or activities and the time (decimal hours) spent per 48-h-period in different microenvironments and activities for doers and all in GRENOBLE (TMAD)**

GRENOBLE	doers		hours spent															
	N	%	for those who do/stay (doers)									all						
			10 %	25 %	50 %	75 %	90 %	CV*	sd (CV)	10 %	25 %	50 %	75 %	90 %				
<b>TRAFFIC</b>																		
bike/walk	43	51 %	0.25	0.50	1.00	2.00	4.00	90.8	58.6	0.00	0.00	0.25	1.00	3.00				
motorbike/scooter	0	0 %								0.00	0.00	0.00	0.00	0.00				
car/taxi	68	81 %	1.00	1.50	2.25	3.50	5.00	51.1	49.5	0.00	1.00	2.00	3.00	4.50				
bus/tram	17	20 %	0.50	0.75	1.25	1.75	2.50	104.9	53.1	0.00	0.00	0.00	0.00	1.25				
train/metro	1	1 %	0.75	0.75	0.75	0.75	141.4			0.00	0.00	0.00	0.00	0.00				
<b>TRANSPORT SUM</b>	80	95 %	1.50	2.00	3.00	4.75	6.00	42.5	40.5	1.25	1.88	2.75	4.50	6.00				
<b>FIXED</b>																		
indoor at home	83	99 %	19.50	23.25	28.50	34.75	42.25	19.2	27.6	18.50	23.13	28.38	34.75	42.25				
outdoor near home	14	17 %	0.75	0.75	1.25	2.50	4.25	106.7	51.5	0.00	0.00	0.00	0.00	1.00				
indoor at work	62	74 %	5.75	10.50	14.38	16.75	19.50	39.5	50.6	0.00	0.00	12.13	16.00	18.75				
outdoor at work	12	14 %	0.50	0.63	2.00	4.88	8.00	110.3	54.1	0.00	0.00	0.00	0.00	0.75				
indoor elsewhere	66	79 %	0.75	1.00	2.38	5.00	13.25	90.5	53.3	0.00	0.50	1.63	4.38	10.75				
outdoor elsewhere	33	39 %	0.25	0.50	1.25	2.25	3.75	124.8	37.6	0.00	0.00	0.00	0.63	2.25				
<b>INDOOR SUM</b>	83	99 %	38.50	41.50	44.00	45.75	46.75	6.4	9.7	37.75	41.50	44.00	45.63	46.75				
<b>OUTDOOR SUM</b>	45	54 %	0.25	0.75	2.00	3.50	8.00	103.8	48.8	0.00	0.00	0.25	2.25	4.50				
<b>ACTIVITIES</b>																		
cooking	32	38 %	0.50	0.63	1.25	2.38	3.75	57.0	61.5	0.00	0.00	0.00	0.75	2.00				
smoking	0	0 %								0.00	0.00	0.00	0.00	0.00				
passive smoking (ETS)	34	40 %	0.25	0.50	1.38	6.00	17.00	100.1	60.6	0.00	0.00	0.00	0.75	6.00				
smoking indoors at home	0	0 %								0.00	0.00	0.00	0.00	0.00				
smoking indoors at work	0	0 %								0.00	0.00	0.00	0.00	0.00				
smoking indoors elsewhere	0	0 %								0.00	0.00	0.00	0.00	0.00				
ETS at home indoors	7	8 %	0.25	0.25	1.00	3.75	9.75	123.8	46.6	0.00	0.00	0.00	0.00	0.00				
ETS at work indoors	15	18 %	0.25	0.25	0.50	15.75	18.50	91.2	65.9	0.00	0.00	0.00	0.00	0.50				
ETS elsewhere indoors	14	17 %	0.25	0.75	1.25	3.00	5.75	129.8	34.3	0.00	0.00	0.00	0.00	1.00				

\*Coefficient of Variation as a measure of the between day (within-subject) variability (100% \* 2-day SD / 2-day mean)

\*\* Mann-Whitney U test

Non-Smokers may have been oversampled

**Annex II: Table 13/H. Fractions of individuals entering given microenvironments or activities and the time (decimal hours) spent per 48-h-period in different microenvironments and activities for doers and all in HELSINKI (TMAD)**

HELSINKI	doers		hours spent															
	N	%	for those who do/stay (doers)						all									
			10 %	25 %	50 %	75 %	90 %	CV*	sd (CV)	10 %	25 %	50 %	75 %	90 %				
<b>TRAFFIC</b>																		
bike/walk	327	74 %	0.50	0.90	1.63	2.75	4.00	58.4	48.7	0.00	0.00	1.13	2.13	3.50				
motorbike/scooter	13	3 %	0.17	0.21	0.38	0.50	3.50	133.0	23.1	0.00	0.00	0.00	0.00	0.00				
car/taxi	317	72 %	0.38	0.88	1.75	2.83	4.25	69.0	52.6	0.00	0.00	1.13	2.50	3.75				
bus/tram	186	42 %	0.25	0.50	1.00	1.92	2.75	75.5	53.2	0.00	0.00	0.00	0.88	2.00				
train/metro	84	19 %	0.19	0.38	0.60	1.16	1.65	70.0	59.9	0.00	0.00	0.00	0.00	0.50				
<b>TRANSPORT SUM</b>	439	99 %	1.54	2.38	3.50	4.71	6.50	37.9	32.8	1.50	2.29	3.50	4.71	6.50				
<b>FIXED</b>																		
indoor at home	443	100 %	21.13	23.75	26.13	28.88	37.00	13.4	19.6	21.13	23.75	26.13	28.88	37.00				
outdoor near home	261	59 %	0.17	0.38	0.79	1.75	3.17	86.1	53.4	0.00	0.00	0.25	0.92	2.46				
indoor at work	380	86 %	7.06	11.44	14.71	16.29	17.69	27.3	39.5	0.00	7.88	14.00	15.96	17.50				
outdoor at work	171	39 %	0.19	0.25	0.54	1.31	4.08	89.3	54.8	0.00	0.00	0.00	0.46	1.25				
indoor elsewhere	369	83 %	0.42	0.88	1.88	3.75	6.75	90.8	50.2	0.00	0.42	1.46	3.25	5.75				
outdoor elsewhere	204	46 %	0.13	0.33	0.63	1.44	2.92	104.5	48.7	0.00	0.00	0.00	0.54	1.75				
<b>INDOOR SUM</b>	443	100 %	35.75	39.92	42.08	43.75	45.00	6.3	10.3	35.75	39.92	42.08	43.75	45.00				
<b>OUTDOOR SUM</b>	344	78 %	0.25	0.75	1.50	3.25	6.25	73.7	53.8	0.00	0.13	1.00	2.71	5.42				
<b>ACTIVITIES</b>																		
cooking	329	74 %	0.50	0.75	1.00	2.00	3.25	68.9	56.6	0.00	0.00	0.75	1.50	2.75				
smoking	97	22 %	0.75	2.50	4.25	7.00	8.75	36.2	45.0	0.00	0.00	0.00	0.00	4.75				
passive smoking (ETS)	121	27 %	0.25	0.50	1.25	3.00	6.50	93.0	57.3	0.00	0.00	0.00	0.25	2.25				
smoking indoors at home	76	17 %	0.25	0.50	1.06	2.25	4.00	53.2	51.1	0.00	0.00	0.00	0.00	1.00				
smoking indoors at work	63	14 %	0.38	0.75	1.75	3.38	4.63	51.8	52.0	0.00	0.00	0.00	0.00	0.92				
smoking indoors elsewhere	43	10 %	0.13	0.25	0.50	0.75	2.25	105.0	50.6	0.00	0.00	0.00	0.00	0.00				
ETS at home indoors	37	8 %	0.13	0.38	0.75	1.75	3.00	89.9	56.6	0.00	0.00	0.00	0.00	0.00				
ETS at work indoors	41	9 %	0.25	0.25	0.75	2.00	11.50	80.1	64.6	0.00	0.00	0.00	0.00	0.00				
ETS elsewhere indoors	69	16 %	0.25	0.38	1.00	2.75	4.50	125.6	36.0	0.00	0.00	0.00	0.00	0.50				

\*Coefficient of Variation as a measure of the between day (within-subject) variability (100% \* 2-day SD / 2-day mean)

\*\* Mann-Whitney U test

Non-Smokers may have been oversampled

**Annex II: Table 13/M. Fractions of individuals entering given microenvironments or activities and the time (decimal hours) spent per 48-h-period in different microenvironments and activities for doers and all in MILAN (TMAD)**

MILAN	doers		hours spent																
	N	%	for those who do/stay (doers)										all						
			10 %	25 %	50 %	75 %	90 %	CV*	sd (CV)	10 %	25 %	50 %	75 %	90 %					
<b>TRAFFIC</b>																			
bike/walk	239	80 %	0.38	0.75	1.25	2.25	3.25	55.5	50.2	0.00	0.25	1.00	1.88	2.75					
motorbike/scooter	22	7 %	0.63	0.88	1.92	3.25	3.75	52.6	46.7	0.00	0.00	0.00	0.00	0.00					
car/taxi	216	72 %	0.50	1.00	2.00	3.25	5.38	63.0	54.1	0.00	0.00	1.25	2.75	4.56					
bus/tram	120	40 %	0.25	0.56	1.15	1.85	2.44	64.1	56.4	0.00	0.00	0.00	1.00	1.85					
train/metro	88	29 %	0.38	0.63	1.00	1.75	2.50	66.1	58.4	0.00	0.00	0.00	0.50	1.38					
<b>TRANSPORT SUM</b>	299	100 %	2.00	2.75	3.75	5.13	6.75	26.6	22.4	2.00	2.75	3.75	5.06	6.75					
<b>FIXED</b>																			
indoor at home	300	100 %	21.25	23.50	26.19	28.75	34.81	10.0	10.0	21.25	23.50	26.19	28.75	34.81					
outdoor near home	55	18 %	0.13	0.25	0.75	1.00	2.00	98.9	60.3	0.00	0.00	0.00	0.00	0.50					
indoor at work	268	89 %	8.00	12.25	15.00	16.75	18.50	16.9	29.8	0.00	10.44	14.25	16.50	18.25					
outdoor at work	79	26 %	0.25	0.25	0.63	1.88	7.38	97.9	56.6	0.00	0.00	0.00	0.13	1.00					
indoor elsewhere	273	91 %	0.75	1.50	2.50	4.13	6.25	69.4	50.6	0.25	1.00	2.25	4.00	6.13					
outdoor elsewhere	148	49 %	0.25	0.50	0.88	1.50	3.00	94.6	56.2	0.00	0.00	0.00	0.88	2.00					
<b>INDOOR SUM</b>	300	100 %	39.63	41.50	43.25	44.54	45.75	3.4	3.5	39.63	41.50	43.25	44.54	45.75					
<b>OUTDOOR SUM</b>	194	65 %	0.25	0.50	1.13	2.38	4.13	82.0	56.5	0.00	0.00	0.50	1.50	3.50					
<b>ACTIVITIES</b>																			
cooking	248	83 %	0.50	0.75	1.50	2.25	3.50	53.1	52.0	0.00	0.38	1.00	2.00	3.00					
smoking	94	31 %	1.00	3.00	4.63	7.00	12.00	28.1	34.5	0.00	0.00	0.00	2.25	5.75					
passive smoking (ETS)	195	65 %	0.50	1.00	2.25	5.25	10.75	58.9	53.6	0.00	0.00	0.88	3.25	8.13					
smoking indoors at home	81	27 %	0.50	1.00	1.75	2.50	4.50	48.0	48.9	0.00	0.00	0.00	0.50	2.25					
smoking indoors at work	78	26 %	0.75	1.25	2.44	3.75	6.00	42.4	46.7	0.00	0.00	0.00	0.25	2.94					
smoking indoors elsewhere	61	20 %	0.25	0.38	0.75	1.00	1.25	92.5	57.4	0.00	0.00	0.00	0.00	0.75					
ETS at home indoors	58	19 %	0.50	0.50	1.25	2.25	3.75	68.6	59.5	0.00	0.00	0.00	0.00	1.25					
ETS at work indoors	131	44 %	0.25	0.75	2.00	4.25	10.75	61.0	56.5	0.00	0.00	0.00	1.75	4.44					
ETS elsewhere indoors	109	36 %	0.25	0.38	0.75	1.50	3.00	102.4	55.8	0.00	0.00	0.00	0.50	1.25					

\*Coefficient of Variation as a measure of the between day (within-subject) variability (100% \* 2-day SD / 2-day mean)  
 \*\* Mann-Whitney U test

Non-Smokers may have been oversampled

**Annex II: Table 13/ P. Fractions of individuals entering given microenvironments or activities and the time (decimal hours) spent per 48-h-period in different microenvironments and activities for doers and all in Praha (TMAD)**

Praha	doers		hours spent																	
	N	%	for those who do/stay (doers)														all			
			10 %	25 %	50 %	75 %	90 %	CV*	sd (CV)	10 %	25 %	50 %	75 %	90 %						
<b>TRAFFIC</b>																				
bike/walk	64	76 %	0.38	0.69	1.50	2.88	5.25	67.6	49.0	0.00	0.19	1.00	2.38	3.75						
motorbike/scooter	3	4 %	0.25	0.25	0.88	1.00	1.00	128.0	23.3	0.00	0.00	0.00	0.00	0.00						
car/taxi	52	62 %	0.25	0.50	1.13	2.50	5.00	100.5	51.8	0.00	0.00	0.50	1.50	2.88						
bus/tram	64	76 %	0.33	0.75	1.13	1.92	2.75	70.4	51.3	0.00	0.17	0.92	1.50	2.38						
train/metro	41	49 %	0.25	0.50	0.96	1.46	2.75	86.9	57.2	0.00	0.00	0.00	0.92	1.63						
<b>TRANSPORT SUM</b>	83	99 %	1.88	2.50	4.00	5.50	8.58	47.2	35.1	1.75	2.48	3.94	5.44	8.58						
<b>FIXED</b>																				
indoor at home	84	100 %	20.00	23.50	26.48	31.94	38.75	14.8	24.2	20.00	23.50	26.48	31.94	38.75						
outdoor near home	16	19 %	0.25	0.44	0.69	1.63	1.83	118.1	41.7	0.00	0.00	0.00	0.00	0.63						
indoor at work	73	87 %	3.75	8.75	14.88	17.38	18.50	38.0	50.7	0.00	4.63	13.63	16.73	18.50						
outdoor at work	25	30 %	0.25	0.46	0.88	1.42	10.00	102.4	57.4	0.00	0.00	0.00	0.29	1.38						
indoor elsewhere	58	69 %	0.50	1.00	2.40	4.00	8.50	97.7	50.5	0.00	0.00	1.17	3.19	6.00						
outdoor elsewhere	37	44 %	0.38	0.58	1.00	1.92	3.75	117.7	45.3	0.00	0.00	0.00	1.00	2.25						
<b>INDOOR SUM</b>	84	100 %	36.25	39.48	42.94	44.60	46.00	7.5	11.8	36.25	39.48	42.94	44.60	46.00						
<b>OUTDOOR SUM</b>	54	64 %	0.38	0.50	1.29	3.00	6.88	104.0	50.2	0.00	0.00	0.50	1.88	4.25						
<b>ACTIVITIES</b>																				
cooking	62	74 %	0.50	1.00	1.50	2.25	3.00	74.1	55.7	0.00	0.00	1.25	2.00	3.00						
smoking	16	19 %	1.00	1.75	5.00	8.00	13.75	39.9	52.8	0.00	0.00	0.00	0.00	4.75						
passive smoking (ETS)	33	39 %	0.50	0.50	1.25	2.25	10.50	104.3	52.3	0.00	0.00	0.00	0.88	2.25						
smoking indoors at home	13	15 %	1.00	1.50	2.00	3.75	5.88	75.3	52.5	0.00	0.00	0.00	0.00	1.75						
smoking indoors at work	12	14 %	0.50	0.71	1.50	3.56	7.00	54.0	59.9	0.00	0.00	0.00	0.00	0.92						
smoking indoors elsewhere	9	11 %	0.08	0.25	0.92	1.00	5.25	97.4	66.5	0.00	0.00	0.00	0.00	0.08						
ETS at home indoors	9	11 %	0.13	0.50	0.50	1.25	2.00	106.1	55.9	0.00	0.00	0.00	0.00	0.13						
ETS at work indoors	15	18 %	0.25	0.50	0.75	2.50	9.50	104.7	58.5	0.00	0.00	0.00	0.00	0.50						
ETS elsewhere indoors	15	18 %	0.50	0.88	1.63	2.75	5.25	113.4	42.3	0.00	0.00	0.00	0.00	1.50						

\* Coefficient of Variation: between days variability



**Annex II: Table 14/A. Fractions of individuals entering given microenvironments or activities and the time (decimal hours) spent per 48-h-period in different microenvironments and activities stratified by sex in Athens (TMAD)**

Athens	doers										h spent for those who do/stay																	
	women					men					w/m					women					men					w/m		
	N	%	N	%	p <sup>2</sup>	10%	25%	50%	75%	90%	CV*	sd (CV)	10%	25%	50%	75%	90%	CV*	sd (CV)	10%	25%	50%	75%	90%	CV*	sd (CV)	u-test	
<b>TRAFFIC</b>																												
bike/walk	39	67%	18	44%	0.02	0.25	0.50	1.25	2.13	3.50	74.2	56.7	0.33	0.50	1.25	2.38	3.88	65.2	58.0	0.33	0.50	1.25	2.38	3.88	65.2	58.0	0.77	
motorbike/scooter	6	10%	9	22%	0.11	0.25	0.25	0.75	1.00	1.00	121.2	49.5	0.25	1.38	3.29	4.75	7.42	38.9	58.7	0.25	1.38	3.29	4.75	7.42	38.9	58.7	0.07	
car/taxi	46	79%	33	80%	0.89	0.50	1.00	1.88	3.50	78.1	53.2	1.25	1.75	2.63	4.75	7.63	67.2	54.0	0.01	1.75	2.63	4.75	7.63	67.2	54.0	0.01		
bus/tram	14	24%	10	24%	0.98	0.25	0.50	1.38	2.00	106.7	57.9	0.23	0.88	1.50	3.00	5.44	86.1	64.2	0.48	0.88	1.50	3.00	5.44	86.1	64.2	0.48		
train/metro	5	9%	4	10%	0.85	0.38	0.50	0.75	0.88	114.4	60.4	0.50	0.63	1.19	1.71	1.79	69.8	48.3	0.65	0.63	1.19	1.71	1.79	69.8	48.3	0.65		
<b>TRANSPORT SUM</b>	55	95%	41	100%	0.14	1.25	2.13	3.50	4.50	40.8	35.3	2.38	3.75	4.63	6.29	8.96	38.3	39.1	0.00	2.38	3.75	4.63	6.29	8.96	38.3	39.1	0.00	
<b>FIXED</b>																												
indoor at home	58	100%	41	100%	.	25.38	30.50	33.94	40.75	45.75	12.3	13.3	18.38	21.50	25.25	30.00	33.88	20.6	34.1	18.38	21.50	25.25	30.00	33.88	20.6	34.1	0.00	
outdoor near home	26	45%	12	29%	0.12	0.50	0.75	1.00	1.75	5.38	113.8	42.7	0.25	0.48	2.88	6.44	8.38	114.2	50.2	0.25	0.48	2.88	6.44	8.38	114.2	50.2	0.34	
indoor at work	30	52%	37	90%	0.00	6.00	8.08	11.00	13.00	15.54	36.8	42.8	4.63	7.63	14.25	16.00	18.67	33.1	46.1	4.63	7.63	14.25	16.00	18.67	33.1	46.1	0.03	
outdoor at work	13	22%	7	17%	0.51	1.00	1.00	2.00	3.63	4.25	121.9	37.9	0.50	0.75	1.67	2.25	10.63	79.4	62.1	0.50	0.75	1.67	2.25	10.63	79.4	62.1	0.44	
indoor elsewhere	43	74%	27	66%	0.37	0.50	1.25	2.88	4.38	6.75	102.1	54.2	1.08	2.21	3.00	5.25	9.25	67.5	57.5	1.08	2.21	3.00	5.25	9.25	67.5	57.5	0.21	
outdoor elsewhere	28	48%	18	44%	0.67	0.25	0.63	1.50	2.38	4.75	116.3	45.1	0.75	1.25	1.83	3.50	3.92	101.9	53.3	0.75	1.25	1.83	3.50	3.92	101.9	53.3	0.17	
<b>INDOOR SUM</b>	58	100%	41	100%	.	37.50	40.50	43.31	45.00	46.88	7.8	11.0	35.00	37.42	41.00	43.38	44.88	8.3	10.7	35.00	37.42	41.00	43.38	44.88	8.3	10.7	0.00	
<b>OUTDOOR SUM</b>	46	79%	26	63%	0.08	0.50	1.00	2.00	3.25	7.00	96.2	53.1	0.75	1.25	2.17	4.75	8.79	95.6	58.2	0.75	1.25	2.17	4.75	8.79	95.6	58.2	0.28	
<b>ACTIVITIES</b>																												
cooking	44	76%	16	39%	0.00	1.00	1.50	2.75	4.25	5.00	54.0	50.9	0.50	0.50	1.00	2.13	3.00	78.8	68.9	0.50	0.50	1.00	2.13	3.00	78.8	68.9	0.00	
smoking	9	16%	7	17%	0.84	0.25	1.75	4.50	9.75	32.50	45.5	55.6	0.75	2.00	2.50	5.25	19.50	80.9	63.2	0.75	2.00	2.50	5.25	19.50	80.9	63.2	0.80	
passive smoking (ETS)	32	55%	21	51%	0.70	0.50	1.88	2.75	8.00	10.50	67.2	57.8	0.75	1.25	2.75	6.00	9.50	78.4	57.1	0.75	1.25	2.75	6.00	9.50	78.4	57.1	0.82	
smoking indoors at home	8	14%	3	7%	0.31	0.25	1.00	2.75	11.19	27.00	47.0	45.9	1.25	1.25	3.75	7.00	7.00	55.0	40.1	1.25	1.25	3.75	7.00	7.00	55.0	40.1	0.85	
smoking indoors at work	4	7%	7	17%	0.11	0.75	1.13	3.00	10.12	15.75	34.2	22.9	0.50	1.25	1.63	4.00	9.25	83.7	63.3	0.50	1.25	1.63	4.00	9.25	83.7	63.3	0.66	
smoking indoors elsewhere	3	5%	2	5%	0.95	0.25	0.25	1.25	2.00	2.00	106.1	61.2	0.25	0.25	1.00	1.75	1.75	141.4	0.0	0.25	0.25	1.00	1.75	1.75	141.4	0.0	0.81	
ETS at home indoors	18	31%	7	17%	0.12	0.25	0.75	2.87	5.00	9.00	62.8	59.2	0.25	0.34	1.00	1.75	2.25	119.8	28.8	0.25	0.34	1.00	1.75	2.25	119.8	28.8	0.06	
ETS at work indoors	12	21%	12	29%	0.33	0.50	0.94	2.19	6.44	16.87	82.0	63.1	0.50	0.62	1.25	4.00	13.63	86.9	68.4	0.50	0.62	1.25	4.00	13.63	86.9	68.4	0.41	
ETS elsewhere indoors	17	29%	10	24%	0.59	0.25	0.50	1.50	2.00	3.50	129.0	35.4	0.62	2.38	3.00	6.75	7.67	98.1	59.2	0.62	2.38	3.00	6.75	7.67	98.1	59.2	0.02	

\*Coefficient of Variation as a measure of the between day (within-subject) variability (100% \* 2-day SD / 2-day mean)

\*\* Mann-Whitney U test

Non-Smokers may have been oversampled

**Annex II: Table 14/B. Fractions of individuals entering given microenvironments or activities and the time (decimal hours) spent per 48-h-period in different microenvironments and activities stratified by sex in BASEL (TMAD)**

BASEL	doers				h spent for those who do/stay																	
	women		men		w/m	women						men						w/m				
	N	%	N	%		$\chi^2$	10 %	25 %	50 %	75 %	90 %	CV*	sd (CV)	10 %	25 %	50 %	75 %		90 %	CV*	sd (CV)	u-test
<b>TRAFFIC</b>																						
bike/walk	163	94 %	137	92 %	0.42	0.83	1.38	2.25	3.29	4.38	45.7	40.1	0.54	1.38	2.13	3.08	4.50	47.2	41.3	0.49		
motorbike/scooter	5	3 %	20	13 %	0.00	0.13	0.17	0.25	0.46	1.00	141.4	0.0	0.21	0.68	2.00	2.54	90.6	61.5	0.12			
car/taxi	84	49 %	86	58 %	0.10	0.25	0.50	1.19	2.06	3.88	91.1	55.7	0.38	0.63	1.25	2.38	4.38	85.2	55.7	0.33		
bus/tram	88	51 %	66	44 %	0.24	0.25	0.48	0.94	1.50	2.50	78.4	54.8	0.25	0.50	0.83	1.27	2.00	81.7	55.0	0.78		
train/metro	15	9 %	19	13 %	0.23	0.25	0.25	0.75	2.00	3.13	111.7	52.2	0.38	0.50	1.13	4.50	6.75	103.3	59.5	0.06		
<b>TRANSPORT SUM</b>	173	100 %	149	100 %	.	1.75	2.54	3.54	4.75	6.25	37.5	30.8	1.79	2.58	3.75	5.13	8.00	31.2	28.2	0.28		
<b>FIXED</b>																						
indoor at home	173	100 %	149	100 %	.	20.71	24.13	28.25	33.75	38.25	15.3	19.4	18.63	21.25	24.25	27.50	33.75	15.0	23.0	0.00		
outdoor near home	79	46 %	70	47 %	0.81	0.25	0.50	0.88	2.75	5.00	104.7	48.8	0.17	0.50	1.10	2.50	4.50	99.6	52.2	0.95		
indoor at work	132	76 %	134	90 %	0.00	5.25	8.94	13.08	16.96	18.38	39.8	48.1	8.25	11.88	15.50	17.00	18.58	25.0	36.6	0.01		
outdoor at work	32	18 %	49	33 %	0.00	0.13	0.25	0.67	1.75	4.75	111.0	49.8	0.17	0.50	1.00	2.70	10.00	93.1	58.0	0.18		
indoor elsewhere	162	94 %	133	89 %	0.16	0.50	1.63	3.04	5.17	7.50	79.5	50.7	1.00	1.75	2.83	4.50	6.21	87.3	53.1	0.53		
outdoor elsewhere	79	46 %	75	50 %	0.40	0.25	0.63	1.25	3.25	5.75	107.9	47.3	0.25	0.63	1.00	2.13	3.75	108.9	49.7	0.33		
<b>INDOOR SUM</b>	173	100 %	149	100 %	.	37.50	40.13	42.63	44.46	45.63	4.7	4.4	35.88	39.33	42.25	44.38	45.54	5.3	6.2	0.14		
<b>OUTDOOR SUM</b>	121	70 %	112	75 %	0.30	0.25	0.63	2.04	4.25	8.33	88.3	52.3	0.33	0.75	2.00	4.38	7.13	83.9	52.8	0.84		
<b>ACTIVITIES</b>																						
cooking	148	86 %	114	77 %	0.04	0.50	1.00	1.50	2.75	4.25	56.1	49.0	0.50	0.50	1.25	1.50	2.50	73.3	56.3	0.00		
smoking	48	28 %	37	25 %	0.55	0.50	1.75	3.75	7.25	9.50	41.4	45.4	0.25	2.00	4.25	6.50	9.00	45.8	49.7	0.93		
passive smoking (ETS)	84	49 %	86	58 %	0.10	0.25	0.63	1.38	2.75	5.75	93.2	54.9	0.25	0.75	1.63	3.00	5.00	88.9	55.0	0.57		
smoking indoors at home	41	24 %	28	19 %	0.28	0.25	0.75	2.00	3.13	6.75	64.4	53.2	0.25	0.73	1.56	2.63	3.63	70.8	53.4	0.40		
smoking indoors at work	19	11 %	23	15 %	0.24	0.25	0.46	1.50	3.00	8.50	53.4	57.3	0.25	0.50	1.25	2.83	4.25	74.1	55.7	0.54		
smoking indoors elsewhere	28	16 %	18	12 %	0.29	0.13	0.25	0.50	1.63	3.25	109.7	50.0	0.25	0.25	0.50	1.25	2.00	93.3	63.4	0.94		
ETS at home indoors	25	14 %	16	11 %	0.32	0.25	0.50	1.25	2.00	4.50	87.3	61.8	0.08	0.38	0.75	1.69	2.25	101.4	52.0	0.35		
ETS at work indoors	26	15 %	42	28 %	0.00	0.13	0.25	0.88	2.00	5.50	86.8	61.1	0.25	0.25	0.50	2.00	4.38	92.3	61.2	0.86		
ETS elsewhere indoors	52	30 %	55	37 %	0.19	0.25	0.50	1.00	2.31	3.75	115.7	45.4	0.38	1.00	1.38	2.25	3.75	103.5	51.3	0.28		

\*Coefficient of Variation as a measure of the between day (within-subject) variability (100% \* 2-day SD / 2-day mean)

\*\* Mann-Whitney U test

Non-Smokers may have been oversampled

Annex II: Table 14/G. Fractions of individuals entering given microenvironments or activities and the time (decimal hours) spent per 48-h-period in different microenvironments and activities stratified by sex in GRENOBLE (TMAD)

	doers						h spent for those who do/stay															
	women			men			women						men						w/m			
	N	%	N	%	N	%	10%	25%	50%	75%	90%	CV*	sd (CV)	10%	25%	50%	75%	90%	CV*	sd (CV)	u-test	
<b>GRENOBLE</b>																						
<b>TRAFFIC</b>																						
bike/walk	23	48%	20	56%	0.49	0.25	0.50	1.00	2.50	3.50	94.4	60.0	0.50	0.88	1.25	1.63	5.50	86.6	58.1	0.29		
motorbike/scooter	0	0%	0	0%																		
car/taxi	39	81%	29	81%	0.94	1.00	1.50	2.50	3.50	5.00	44.3	49.4	0.75	1.50	2.00	3.25	5.25	60.2	48.9	0.49		
bus/tram	9	19%	8	22%	0.70	0.50	1.00	1.25	1.50	1.75	128.0	40.4	0.25	0.63	1.13	2.13	3.00	78.9	56.0	1.00		
train/metro	0	0%	1	3%	0.25								0.75	0.75	0.75	0.75	0.75	141.4				
<b>TRANSPORT SUM</b>	45	94%	35	97%	0.46	1.50	2.25	3.00	4.50	5.50	38.5	38.7	1.50	1.75	2.50	5.00	7.75	47.6	42.6	0.70		
<b>FIXED</b>																						
indoor at home	47	98%	36	100%	0.38	17.00	22.75	28.75	38.00	43.25	19.3	28.4	20.50	23.75	27.63	33.75	37.00	19.2	27.0	0.47		
outdoor near home	8	17%	6	17%	1.00	0.50	0.75	1.00	1.88	4.25	120.2	42.1	0.75	1.00	1.75	4.00	10.50	88.7	61.2	0.23		
indoor at work	34	71%	28	78%	0.47	3.00	10.50	13.88	16.00	16.75	39.0	52.5	7.50	10.25	16.00	18.50	21.00	40.0	49.1	0.10		
outdoor at work	6	13%	6	17%	0.59	0.25	0.50	1.25	4.50	5.25	95.4	71.3	0.75	0.75	3.00	8.00	10.50	125.2	28.7	0.24		
indoor elsewhere	38	79%	28	78%	0.88	0.75	1.00	3.25	7.00	14.75	83.6	54.6	0.50	1.13	2.00	4.50	6.75	99.9	51.1	0.16		
outdoor elsewhere	21	44%	12	33%	0.33	0.25	0.50	0.75	2.25	2.75	125.4	38.3	0.25	0.50	1.50	2.88	4.50	123.7	38.0	0.51		
<b>INDOOR SUM</b>	47	98%	36	100%	0.38	40.50	41.75	44.00	45.50	46.75	4.7	8.8	36.25	40.25	43.88	45.75	46.75	8.5	10.5	0.42		
<b>OUTDOOR SUM</b>	25	52%	20	56%	0.75	0.25	0.50	1.25	2.75	7.25	100.3	53.6	0.63	1.50	2.38	4.25	9.25	108.2	43.2	0.09		
<b>ACTIVITIES</b>																						
cooking	22	46%	10	28%	0.09	0.50	0.50	1.25	1.50	3.75	54.9	59.3	0.38	0.75	1.25	3.00	4.63	61.6	69.2	0.65		
smoking	0	0%	0	0%																		
passive smoking (ETS)	21	44%	13	36%	0.48	0.25	0.50	1.25	3.00	12.00	102.5	59.9	0.25	0.75	1.50	6.75	19.50	96.1	63.9	0.48		
smoking indoors at home	0	0%	0	0%																		
smoking indoors at work	0	0%	0	0%																		
smoking indoors elsewhere	0	0%	0	0%																		
ETS at home indoors	6	13%	1	3%	0.11	0.25	0.25	1.00	1.25	3.75	141.4	0.0	0.75	0.75	9.75	9.75	9.75	18.1		0.13		
ETS at work indoors	8	17%	7	19%	0.74	0.25	0.25	0.50	9.63	15.75	98.9	62.3	0.25	0.25	1.50	18.50	19.50	82.4	73.6	0.53		
ETS elsewhere indoors	7	15%	7	19%	0.55	0.25	0.50	1.25	3.00	3.00	141.4	0.0	0.25	0.75	1.00	5.75	6.75	118.2	47.2	1.00		

\*Coefficient of Variation as a measure of the between day (within-subject) variability (100% \* 2-day SD / 2-day mean)

\*\* Mann-Whitney U test

Non-Smokers may have been oversampled



**Annex II: Table 14/H. Fractions of individuals entering given microenvironments or activities and the time (decimal hours) spent per 48-h-period in different microenvironments and activities stratified by sex in HELSINKI (TMAD)**

	doers										h spent for those who do/stay												
	women					men					women					men							
	N	%	N	%	$\chi^2$	w/m	10 %	25 %	50 %	75 %	90 %	CV*	sd (CV)	10 %	25 %	50 %	75 %	90 %	CV*	sd (CV)	w/m	u-test	
<b>HELSINKI</b>																							
<b>TRAFFIC</b>																							
bike/walk	215	82 %	112	62 %	0.00	0.50	1.00	1.58	2.65	4.00	55.4	47.5	0.46	0.75	1.63	2.81	4.17	64.2	50.7	0.77			
motorbike/scooter	5	2 %	8	4 %	0.12	0.08	0.17	0.21	0.25	0.50	141.4	0.0	0.21	0.31	0.47	2.25	7.50	127.8	28.9	0.04			
car/taxi	169	65 %	148	82 %	0.00	0.25	0.63	1.29	2.25	3.23	77.9	56.1	0.75	1.38	2.42	3.60	6.96	58.8	46.5	0.00			
bus/tram	125	48 %	61	34 %	0.00	0.25	0.63	1.21	2.00	2.79	69.2	51.6	0.25	0.50	0.88	1.63	2.50	88.4	54.8	0.13			
train/metro	57	22 %	27	15 %	0.07	0.13	0.33	0.50	1.19	1.75	73.9	61.0	0.27	0.50	0.75	1.13	1.65	61.6	57.7	0.22			
<b>TRANSPORT SUM</b>	259	99 %	180	99 %	0.52	1.46	2.25	3.38	4.38	5.75	37.0	34.3	1.58	2.52	3.88	5.71	8.69	39.3	30.5	0.00			
<b>FIXED</b>																							
indoor at home	262	100 %	181	100 %		22.38	24.47	26.75	30.75	38.75	11.2	13.7	18.33	22.75	25.38	27.25	32.25	16.6	25.5	0.00			
outdoor near home	149	57 %	112	62 %	0.29	0.16	0.42	0.79	2.00	3.71	80.5	53.8	0.21	0.35	0.81	1.58	2.75	93.5	52.3	0.66			
indoor at work	216	82 %	164	91 %	0.02	9.04	13.00	14.98	16.06	17.50	20.2	32.9	4.63	9.73	13.63	16.63	18.17	36.7	45.3	0.03			
outdoor at work	89	34 %	82	45 %	0.02	0.17	0.25	0.50	0.83	1.81	95.8	53.3	0.25	0.33	0.75	2.54	9.00	82.2	55.8	0.00			
indoor elsewhere	225	86 %	144	80 %	0.08	0.31	0.83	1.75	3.50	5.58	90.8	50.3	0.50	1.00	2.20	4.65	9.88	90.9	50.3	0.08			
outdoor elsewhere	111	42 %	93	51 %	0.06	0.13	0.31	0.58	1.27	2.75	107.5	46.9	0.15	0.38	0.71	1.79	3.00	101.0	50.7	0.22			
<b>INDOOR SUM</b>	262	100 %	181	100 %		38.88	41.04	42.48	44.00	45.13	4.8	5.4	32.96	37.75	41.42	43.21	44.38	8.5	14.4	0.00			
<b>OUTDOOR SUM</b>	196	75 %	148	82 %	0.08	0.25	0.56	1.34	3.06	5.42	74.1	52.6	0.29	0.88	2.00	3.47	8.23	73.2	55.6	0.01			
<b>ACTIVITIES</b>																							
cooking	210	80 %	119	66 %	0.00	0.50	0.75	1.25	2.50	3.88	62.2	54.0	0.25	0.50	1.00	1.50	2.50	80.7	59.5	0.00			
smoking	53	20 %	44	24 %	0.31	1.00	2.00	3.75	5.25	8.00	33.3	43.3	0.50	3.13	6.00	7.38	10.00	39.7	47.2	0.01			
passive smoking (ETS)	62	24 %	59	33 %	0.04	0.25	0.50	1.50	3.50	7.00	97.0	57.3	0.25	0.50	1.25	2.75	4.75	88.8	57.5	0.55			
smoking indoors at home	46	18 %	30	17 %	0.79	0.25	0.38	1.02	2.00	3.63	55.9	52.4	0.48	0.63	1.19	2.44	4.69	49.1	49.7	0.23			
smoking indoors at work	30	11 %	33	18 %	0.04	0.45	0.75	1.42	2.71	4.17	46.0	48.7	0.25	1.17	2.21	4.00	5.50	57.1	55.0	0.22			
smoking indoors elsewhere	26	10 %	17	9 %	0.85	0.13	0.17	0.38	0.88	1.46	114.7	45.7	0.17	0.25	0.50	0.75	4.38	90.1	55.4	0.38			
ETS at home indoors	21	8 %	16	9 %	0.76	0.38	0.50	0.75	1.75	2.96	90.7	55.6	0.08	0.19	1.04	1.94	4.00	89.0	59.6	0.48			
ETS at work indoors	20	8 %	21	12 %	0.16	0.19	0.25	0.88	2.38	12.38	75.2	62.8	0.25	0.25	0.50	1.75	8.00	84.8	67.4	0.48			
ETS elsewhere indoors	33	13 %	36	20 %	0.04	0.25	0.38	1.13	3.00	4.50	131.0	28.6	0.25	0.38	0.79	2.44	4.00	120.6	41.4	0.53			

\*Coefficient of Variation as a measure of the between day (within-subject) variability (100% \* 2-day SD / 2-day mean)  
 \*\* Mann-Whitney U test

Non-Smokers may have been oversampled

**Annex II: Table 14/M. Fractions of individuals entering given microenvironments or activities and the time (decimal hours) spent per 48-h-period in different microenvironments and activities stratified by sex in MILAN (TMAD)**

	doers				h spent for those who do/stay																	
	women		men		w/m	women						men						w/m				
	N	%	N	%		$p \chi^2$	10 %	25 %	50 %	75 %	90 %	CV*	sd (CV)	10 %	25 %	50 %	75 %	90 %	CV*	sd (CV)	u-test	
<b>MILAN</b>																						
<b>TRAFFIC</b>																						
bike/walk	127	84 %	112	75 %	0.05	0.50	1.00	1.50	2.25	3.50	52.0	47.3	0.25	0.63	1.00	2.04	2.96	59.5	53.4	0.00		
motorbike/scooter	5	3 %	17	11 %	0.01	0.63	1.00	1.13	2.00	4.38	53.5	57.6	0.50	0.88	1.96	3.25	3.75	52.3	45.1	0.68		
car/taxi	103	68 %	113	76 %	0.14	0.50	0.75	1.50	2.50	4.00	77.2	54.9	0.50	1.25	2.50	4.00	6.50	50.1	50.3	0.00		
bus/tram	72	48 %	48	32 %	0.01	0.46	0.56	1.06	1.94	2.50	63.9	56.3	0.25	0.63	1.25	1.79	2.25	64.4	57.2	0.84		
train/metro	54	36 %	34	23 %	0.01	0.25	0.50	1.00	1.38	2.50	67.8	60.1	0.71	0.88	1.25	2.00	2.50	63.4	56.3	0.02		
<b>TRANSPORT SUM</b>	150	99 %	149	100 %	0.32	1.98	2.75	3.75	4.63	6.00	28.7	22.5	2.00	2.88	4.00	5.63	7.25	24.4	22.3	0.06		
<b>FIXED</b>																						
indoor at home	151	100 %	149	100 %		22.50	24.63	27.25	31.25	38.13	10.6	10.2	20.75	23.00	25.17	27.50	29.75	9.4	9.8	0.00		
outdoor near home	31	21 %	24	16 %	0.32	0.13	0.25	0.50	1.00	1.00	100.8	61.1	0.21	0.25	0.75	1.38	2.00	96.6	60.4	0.15		
indoor at work	125	83 %	143	96 %	0.00	9.25	11.88	14.63	17.00	18.25	13.9	23.8	7.63	12.38	15.25	16.75	19.00	19.5	34.1	0.66		
outdoor at work	28	19 %	51	34 %	0.00	0.25	0.25	0.38	0.94	1.25	114.4	51.4	0.25	0.25	0.75	2.88	8.13	88.9	57.8	0.01		
indoor elsewhere	140	93 %	133	89 %	0.30	0.75	1.44	2.50	4.75	6.48	71.9	50.2	0.75	1.50	2.25	4.00	5.75	66.7	51.1	0.30		
outdoor elsewhere	78	52 %	70	47 %	0.42	0.25	0.50	0.88	1.42	2.75	105.3	50.8	0.25	0.50	1.00	1.75	3.00	82.7	59.7	0.48		
<b>INDOOR SUM</b>	151	100 %	149	100 %		40.63	42.13	43.38	44.63	45.63	3.4	3.4	37.38	40.63	42.88	44.50	45.88	3.5	3.6	0.01		
<b>OUTDOOR SUM</b>	96	64 %	98	66 %	0.69	0.25	0.50	1.00	2.00	3.63	94.6	53.7	0.25	0.63	1.50	2.75	8.38	69.6	56.7	0.01		
<b>ACTIVITIES</b>																						
cooking	144	95 %	104	70 %	0.00	0.50	1.00	1.75	2.50	3.75	45.4	45.1	0.25	0.50	1.00	1.75	2.75	63.8	58.8	0.00		
smoking	35	23 %	59	40 %	0.00	1.50	2.25	3.75	5.50	9.75	18.9	20.8	1.00	3.50	5.25	7.50	13.25	33.6	39.6	0.06		
passive smoking (ETS)	93	62 %	102	68 %	0.21	0.50	1.00	2.25	4.50	10.75	57.7	52.9	0.50	1.00	2.25	5.75	10.25	60.0	54.5	0.64		
smoking indoors at home	33	22 %	48	32 %	0.04	0.50	0.75	1.50	2.50	3.75	53.3	54.1	0.38	1.13	1.75	2.56	4.50	44.3	45.2	0.40		
smoking indoors at work	27	18 %	51	34 %	0.00	0.50	1.25	2.25	3.00	5.50	38.6	46.7	0.75	1.50	2.75	4.00	6.88	44.4	47.1	0.13		
smoking indoors elsewhere	20	13 %	41	28 %	0.00	0.25	0.25	0.75	1.25	1.69	92.3	60.2	0.25	0.50	0.63	1.00	1.25	92.6	56.7	0.61		
ETS at home indoors	39	26 %	19	13 %	0.00	0.50	0.50	1.50	2.50	4.50	71.2	60.6	0.50	0.75	1.00	1.75	3.75	63.2	58.2	0.68		
ETS at work indoors	51	34 %	80	54 %	0.00	0.25	1.00	2.50	4.00	10.75	58.7	54.7	0.25	0.75	1.75	4.31	11.31	62.6	57.8	0.40		
ETS elsewhere indoors	50	33 %	59	40 %	0.24	0.25	0.50	0.75	1.50	2.88	96.4	58.9	0.25	0.25	0.75	1.50	3.00	107.5	53.0	0.98		

\*Coefficient of Variation as a measure of the between day (within-subject) variability (100% \* 2-day SD / 2-day mean)

\*\* Mann-Whitney U test

Non-Smokers may have been oversampled

**Annex II: Table 14/ P. Fractions of individuals entering given microenvironments or activities and the time (decimal hours) spent per 48-h-period in different microenvironments and activities stratified by sex in Praha (TMAD)**

	h spent for those who do/stay																								
	doers						women					men													
	N	%	N	%	men	w/m	N	%	10 %	25 %	50 %	75 %	90 %	CV*	sd (CV)	10 %	25 %	50 %	75 %	90 %	CV*	sd (CV)	w/m	u-test	
<b>TRAFFIC</b>																									
bike/walk	44	81 %	20	67 %		0.10	0.38	0.69	1.50	2.83	5.25	61.2	45.3	0.38	0.63	1.25	3.50	6.00	84.1	55.2	0.96				
motorbike/scooter	3	6 %	0	0 %		0.20	0.25	0.25	0.88	1.00	1.00	128.0	23.3												
car/taxi	29	54 %	23	77 %		0.02	0.25	0.50	0.88	1.50	2.75	109.9	48.1	0.50	0.75	2.00	4.63	5.25	88.7	54.8	0.01				
bus/tram	44	81 %	20	67 %		0.10	0.38	0.75	1.25	2.00	2.88	69.8	50.9	0.25	0.88	1.08	1.96	2.75	68.0	52.3	0.74				
train/metro	23	43 %	18	60 %		0.16	0.25	0.63	0.88	1.46	2.75	97.1	50.7	0.25	0.50	1.00	1.63	2.75	70.0	63.4	0.87				
<b>TRANSPORT SUM</b>	53	98 %	30	100 %		0.46	1.75	2.50	3.63	5.00	7.25	51.0	35.3	2.00	2.50	4.63	7.25	8.75	39.0	34.0	0.16				
<b>FIXED</b>																									
indoor at home	54	100 %	30	100 %			20.00	23.29	26.25	32.25	40.13	14.0	24.3	18.50	24.25	27.13	31.00	38.50	16.7	24.5	0.88				
outdoor near home	10	19 %	6	20 %		0.89	0.19	0.38	0.63	1.75	9.79	104.1	48.2	0.25	0.63	1.13	1.50	1.75	141.4	0.0	0.73				
indoor at work	45	83 %	28	93 %		0.21	7.88	12.25	15.38	17.38	19.25	27.0	36.9	2.13	4.75	10.75	15.75	18.00	52.6	63.1	0.01				
outdoor at work	14	26 %	11	37 %		0.26	0.25	0.38	0.75	1.00	1.38	115.7	49.4	0.33	0.50	1.42	10.00	13.25	85.6	64.6	0.07				
indoor elsewhere	36	67 %	22	73 %		0.59	0.50	1.13	2.40	3.81	8.25	89.0	52.6	0.50	0.96	2.00	4.25	9.50	110.5	45.0	0.97				
outdoor elsewhere	25	46 %	12	40 %		0.67	0.38	0.50	1.00	2.63	3.75	117.5	43.2	0.38	0.79	1.00	1.73	1.88	118.2	51.5	0.65				
<b>INDOOR SUM</b>	54	100 %	30	100 %			37.25	41.00	43.25	45.13	46.13	8.1	14.0	35.00	38.71	41.88	43.88	45.00	6.5	6.4	0.02				
<b>OUTDOOR SUM</b>	36	67 %	18	60 %		0.47	0.38	0.63	1.29	2.81	3.75	104.9	48.4	0.33	1.00	1.75	4.42	14.88	99.7	55.9	0.29				
<b>ACTIVITIES</b>																									
cooking	40	74 %	22	73 %		0.87	0.63	1.13	1.75	2.50	4.00	63.7	54.1	0.50	0.75	1.25	2.00	2.00	96.2	53.9	0.04				
smoking	11	20 %	5	17 %		0.73	1.00	1.50	5.25	8.00	13.75	51.8	60.6	1.75	1.75	4.75	8.00	8.25	13.9	6.1	0.91				
passive smoking (ETS)	23	43 %	10	33 %		0.47	0.50	0.50	1.50	2.50	10.50	102.9	54.4	0.38	0.50	1.25	1.75	11.13	107.4	49.6	0.59				
smoking indoors at home	9	17 %	4	13 %		0.73	0.50	1.75	3.00	4.75	6.50	65.6	56.8	1.00	1.25	1.75	2.88	3.75	97.2	38.9	0.42				
smoking indoors at work	7	13 %	5	17 %		0.60	0.50	1.50	3.50	7.00	7.63	32.2	50.9	0.25	0.50	0.92	1.50	1.75	84.5	63.3	0.07				
smoking indoors elsewhere	5	9 %	4	13 %		0.53	0.08	1.00	1.00	1.25	5.25	90.5	70.4	0.08	0.17	0.25	0.58	0.92	106.1	70.7	0.11				
ETS at home indoors	8	15 %	1	3 %		0.11	0.13	0.38	0.50	1.13	2.00	101.6	58.1	1.25	1.25	1.25	1.25	1.25	141.4	57.7	0.36				
ETS at work indoors	9	17 %	6	20 %		0.65	0.13	0.50	1.25	2.50	17.50	96.0	60.8	0.25	0.50	0.50	1.25	9.50	117.9	57.7	0.39				
ETS elsewhere indoors	11	20 %	4	13 %		0.46	0.88	1.25	1.63	3.00	5.25	114.3	45.9	0.50	0.63	1.25	2.25	2.75	110.9	36.1	0.49				

\*Coefficient of Variation: between day variability

\*\* Mann-Whitney U test



**Annex II: Table 15/A. Fractions of individuals entering given microenvironments or activities and the time (decimal hours) spent per 48-h-period in different microenvironments and activities stratified by status in Athens (TMAD)**

	doers										h spent for those who do/stay												
	exposure					diary					exposure					diary							
	N	%	N	%	$\chi^2$	e/d	10%	25%	50%	75%	90%	CV*	sd (CV)	10%	25%	50%	75%	90%	CV*	sd (CV)	e/d	u-fest	
<b>TRAFFIC</b>																							
bike/walk	27	54%	30	61%	0.47		0.25	0.50	1.25	2.75	3.88	64.7	51.3	0.25	0.50	1.25	2.00	2.88	77.4	61.6	0.89		
motorbike/scooter	10	20%	5	10%	0.17		0.25	0.63	1.19	3.29	5.00	73.2	72.0	0.25	0.50	3.50	4.63	7.42	69.1	66.1	0.64		
car/taxi	40	80%	39	80%	0.96		0.63	1.31	4.25	5.85	75.2	51.1	51.1	0.75	1.25	2.25	3.75	6.00	71.8	56.4	0.58		
bus/tram	12	24%	12	24%	0.95		0.25	0.50	1.75	2.25	2.88	98.1	58.1	0.50	0.50	1.00	2.00	3.00	98.1	64.7	0.69		
train/metro	3	6%	6	12%	0.28		0.50	0.50	1.79	1.83	1.83	61.3	70.9	0.38	0.50	0.75	0.88	1.63	111.2	46.9	0.27		
<b>TRANSPORT SUM</b>	49	98%	47	96%	0.55		1.75	2.38	4.00	5.58	8.75	45.2	39.3	1.38	2.63	3.88	5.00	6.63	34.0	33.4	0.78		
<b>FIXED</b>																							
indoor at home	50	100%	49	100%			20.31	25.54	32.25	36.50	43.50	19.0	27.2	20.75	24.38	30.50	36.25	43.25	12.4	20.9	0.67		
outdoor near home	17	34%	21	43%	0.36		0.25	0.50	0.88	1.50	5.38	128.4	30.8	0.50	0.75	1.38	4.00	8.00	102.3	50.9	0.17		
indoor at work	35	70%	32	65%	0.62		4.63	6.33	12.75	15.25	16.88	39.3	48.9	7.25	9.00	12.50	14.88	18.38	29.8	39.0	0.52		
outdoor at work	9	18%	11	22%	0.58		0.50	1.00	1.67	3.25	8.75	119.6	45.4	1.00	1.00	2.00	3.63	4.25	96.7	54.3	0.69		
indoor elsewhere	38	76%	32	65%	0.24		0.50	2.00	3.25	5.25	9.46	88.2	57.2	0.63	1.17	2.63	3.88	5.00	89.4	59.1	0.15		
outdoor elsewhere	15	30%	31	63%	0.00		0.25	0.75	1.63	2.38	3.75	99.6	56.4	0.50	1.00	1.75	2.50	4.75	116.1	44.0	0.69		
<b>INDOOR SUM</b>	50	100%	49	100%			35.85	40.63	43.44	45.00	46.44	8.4	10.2	35.25	39.00	41.38	43.50	45.25	7.6	11.5	0.03		
<b>OUTDOOR SUM</b>	30	60%	42	86%	0.00		0.63	0.88	1.38	3.63	6.31	103.7	52.3	1.00	1.71	2.25	4.25	8.25	90.5	56.2	0.05		
<b>ACTIVITIES</b>																							
cooking	26	52%	34	69%	0.08		0.50	1.00	2.25	3.50	5.00	81.0	55.8	0.50	1.00	2.25	3.00	5.00	45.0	53.1	0.94		
smoking	6	12%	10	20%	0.26		0.25	0.25	1.63	4.00	7.00	89.9	62.6	1.88	2.00	4.88	19.50	29.75	43.7	53.8	0.08		
passive smoking (ETS)	30	60%	23	47%	0.19		0.50	1.25	2.63	6.50	9.50	86.0	56.3	0.75	2.00	2.75	8.75	17.25	52.9	54.2	0.31		
smoking indoors at home	3	6%	8	16%	0.10		0.25	0.25	1.25	7.00	7.00	85.5	55.6	1.00	1.37	3.75	11.19	27.00	35.5	30.5	0.38		
smoking indoors at work	3	6%	8	16%	0.10		0.50	0.50	1.25	4.00	4.00	75.4	71.2	0.75	1.50	1.81	6.88	15.75	62.0	55.2	0.24		
smoking indoors elsewhere	1	2%	4	8%	0.16		0.25	0.25	0.25	0.25	0.25	141.4		0.25	0.75	1.50	1.88	2.00	114.9	53.0	0.34		
ETS at home indoors	13	26%	12	24%	0.86		0.25	0.34	1.00	1.75	4.75	104.1	49.1	0.75	2.12	2.87	6.13	7.75	51.3	56.0	0.03		
ETS at work indoors	17	34%	7	14%	0.02		0.50	0.75	1.13	5.50	15.25	85.5	62.4	0.50	1.50	2.63	13.63	21.13	82.0	74.2	0.16		
ETS elsewhere indoors	15	30%	12	24%	0.54		0.50	0.75	2.00	3.50	6.75	130.6	31.4	0.25	1.00	1.88	2.69	4.75	101.3	58.9	0.78		

\*Coefficient of Variation as a measure of the between day (within-subject) variability (100% \* 2-day SD / 2-day mean)

\*\* Mann-Whitney U test

Non-Smokers may have been oversampled

**Annex II: Table 15/B. Fractions of individuals entering given microenvironments or activities and the time (decimal hours) spent per 48-h-period in different microenvironments and activities stratified by status in BASEL (TMAD)**

BASEL		doers				h spent for those who do/stay												e/d			
		exposure		diary		e/d		exposure						diary							
		N	%	N	%	$p\chi^2$	10 %	25 %	50 %	75 %	90 %	CV*	sd (CV)	10 %	25 %	50 %	75 %		90 %	CV*	sd (CV)
<b>TRAFFIC</b>																					
bike/walk	46	92 %	254	93 %	0.72	0.54	1.08	1.71	2.83	3.58	45.3	41.6	0.75	1.50	2.25	3.29	4.38	46.6	40.5	0.02	
motorbike/scooter	5	10 %	20	7 %	0.52	0.08	0.17	0.25	0.74	1.25	97.3	63.1	0.21	0.25	0.60	2.00	2.54	101.6	59.1	0.20	
car/taxi	27	54 %	143	53 %	0.85	0.46	0.63	1.33	2.13	3.21	98.2	52.5	0.25	0.50	1.25	2.38	4.00	86.2	56.1	0.56	
bus/tram	19	38 %	135	50 %	0.13	0.46	0.75	0.88	1.38	2.08	59.5	54.6	0.25	0.50	0.88	1.50	2.50	82.6	54.4	0.62	
train/metro	4	8 %	30	11 %	0.52	0.25	0.63	1.94	3.85	4.83	107.3	68.3	0.25	0.46	1.00	3.13	4.75	107.0	55.2	0.71	
<b>TRANSPORT SUM</b>	50	100 %	272	100 %	.	1.31	1.96	2.96	4.46	6.04	40.5	33.3	2.00	2.63	3.71	5.02	7.08	33.5	29.0	0.01	
<b>FIXED</b>																					
indoor at home	50	100 %	272	100 %	.	20.13	24.13	28.38	36.08	39.65	13.0	13.8	19.29	22.50	25.67	30.15	36.67	15.6	22.2	0.02	
outdoor near home	23	46 %	126	46 %	0.97	0.25	0.63	1.00	2.63	5.75	96.0	55.9	0.25	0.38	1.00	2.50	4.75	103.5	49.4	0.49	
indoor at work	37	74 %	229	84 %	0.08	6.54	10.88	16.83	18.25	19.88	17.2	20.5	5.50	9.75	14.75	16.75	18.40	34.8	45.4	0.11	
outdoor at work	5	10 %	76	28 %	0.01	0.13	0.58	1.54	1.63	2.70	66.4	47.3	0.17	0.50	0.75	2.46	8.63	102.4	55.4	0.97	
indoor elsewhere	41	82 %	254	93 %	0.01	0.25	0.88	2.50	4.00	6.04	100.0	44.9	1.00	1.75	3.00	4.90	7.21	80.3	52.5	0.10	
outdoor elsewhere	22	44 %	132	49 %	0.56	0.21	0.38	0.94	2.13	4.63	128.1	38.2	0.25	0.63	1.06	2.44	4.25	105.1	49.2	0.46	
<b>INDOOR SUM</b>	50	100 %	272	100 %	.	37.75	41.38	43.73	45.29	46.63	4.4	5.0	36.54	39.60	42.25	44.23	45.46	5.1	5.4	0.01	
<b>OUTDOOR SUM</b>	34	68 %	199	73 %	0.45	0.25	0.75	1.50	3.75	8.04	100.2	54.5	0.25	0.75	2.04	4.38	8.33	83.8	51.9	0.35	
<b>ACTIVITIES</b>																					
cooking	41	82 %	221	81 %	0.90	0.50	0.75	1.25	2.75	3.75	71.9	55.3	0.50	0.75	1.25	2.00	3.50	62.0	52.4	0.69	
smoking	7	14 %	78	29 %	0.03	0.25	1.75	6.00	12.75	17.00	60.2	44.0	0.50	2.00	3.88	6.50	9.00	41.8	47.3	0.31	
passive smoking (ETS)	23	46 %	147	54 %	0.30	0.25	0.75	1.25	2.75	5.00	106.1	49.8	0.25	0.75	1.50	3.00	5.75	88.7	55.4	0.51	
smoking indoors at home	7	14 %	62	23 %	0.16	0.13	0.25	0.92	2.50	8.25	86.9	62.7	0.25	0.75	2.00	2.88	5.00	64.8	51.9	0.23	
smoking indoors at work	3	6 %	39	14 %	0.11	4.05	4.05	4.25	12.63	12.63	41.2	28.6	0.25	0.50	1.25	2.25	4.63	66.6	58.1	0.02	
smoking indoors elsewhere	3	6 %	43	16 %	0.07	0.38	0.38	1.00	4.13	4.13	84.1	65.8	0.25	0.25	0.50	1.25	2.50	104.6	55.4	0.25	
ETS at home indoors	8	16 %	33	12 %	0.45	0.25	0.63	1.38	1.88	4.25	105.0	47.6	0.13	0.25	1.00	2.00	3.38	89.9	60.4	0.57	
ETS at work indoors	11	22 %	57	21 %	0.87	0.13	0.25	0.75	1.75	2.00	109.9	52.1	0.25	0.25	0.75	3.00	5.50	86.4	62.0	0.51	
ETS elsewhere indoors	9	18 %	98	36 %	0.01	0.25	0.92	1.00	2.50	4.13	129.6	35.4	0.25	0.75	1.25	2.25	3.75	107.6	49.4	0.85	

\*Coefficient of Variation as a measure of the between day (within-subject) variability (100% \* 2-day SD / 2-day mean)

\*\* Mann-Whitney U test

Non-Smokers may have been oversampled

**Annex II: Table 15/G. Fractions of individuals entering given microenvironments or activities and the time (decimal hours) spent per 48-h-period in different microenvironments and activities stratified by status in GRENOBLE (TMAD)**

	doers				h spent for those who do/stay												e/d				
	exposure		diary		e/d	exposure						diary						sd (CV)	u-test		
	N	%	N	%		$p\chi^2$	10%	25%	50%	75%	90%	CV*	sd (CV)	10%	25%	50%	75%			90%	CV*
<b>GRENOBLE</b>																					
<b>TRAFFIC</b>																					
bike/walk	37	48%	6	86%	0.06	0.25	0.50	1.00	1.75	3.50	94.3	58.7	0.50	1.50	1.50	6.00	8.25	69.5	57.9	0.12	
motorbike/scooter	0	0%	0	0%																	
car/taxi	64	83%	4	57%	0.09	1.00	1.50	2.38	3.50	5.00	46.7	46.9	1.75	1.88	2.13	2.63	3.00	121.2	40.4	0.81	
bus/tram	14	18%	3	43%	0.12	0.50	0.75	1.13	1.75	1.75	105.1	53.1	1.00	1.00	1.50	2.50	2.50	103.7	65.3	0.32	
train/metro	1	1%	0	0%	0.76	0.75	0.75	0.75	0.75	0.75	141.4										
<b>TRANSPORT SUM</b>	73	95%	7	100%	0.54	1.50	2.00	3.00	4.50	5.75	42.9	41.2	1.50	1.75	3.50	8.00	10.75	38.5	34.2	0.42	
<b>FIXED</b>																					
indoor at home	76	99%	7	100%	0.76	18.50	23.25	28.25	34.50	42.50	19.5	28.7	19.75	20.50	34.75	37.00	42.25	16.7	8.6	0.40	
outdoor near home	14	18%	0	0%	0.22	0.75	0.75	1.25	2.50	4.25	106.7	51.5									
indoor at work	59	77%	3	43%	0.05	5.75	10.75	14.75	16.75	19.50	36.6	48.0	1.75	1.75	9.75	18.75	18.75	96.2	78.4	0.45	
outdoor at work	12	16%	0	0%	0.26	0.50	0.63	2.00	4.88	8.00	110.3	54.1									
indoor elsewhere	60	78%	6	86%	0.63	0.63	0.88	2.25	4.88	12.38	89.2	54.3	1.50	2.00	4.00	5.00	14.75	104.2	44.3	0.28	
outdoor elsewhere	28	36%	5	71%	0.07	0.25	0.50	0.75	2.13	3.50	126.3	34.5	1.25	1.50	2.25	5.00	10.00	116.3	56.2	0.03	
<b>INDOOR SUM</b>	76	99%	7	100%	0.76	39.75	41.88	44.00	45.75	46.75	5.8	8.6	34.50	37.25	41.50	44.00	45.50	12.4	17.8	0.03	
<b>OUTDOOR SUM</b>	40	52%	5	71%	0.32	0.25	0.75	2.00	3.50	7.63	102.2	48.4	1.25	1.50	2.25	5.00	10.00	116.3	56.2	0.36	
<b>ACTIVITIES</b>																					
cooking	27	35%	5	71%	0.06	0.25	0.50	1.00	1.50	3.25	65.1	63.7	1.50	3.00	3.50	5.75	8.00	13.5	10.0	0.00	
smoking	0	0%	0	0%																	
passive smoking (ETS)	32	42%	2	29%	0.50	0.25	0.50	1.38	6.38	17.00	97.5	61.5	0.25	0.25	1.63	3.00	3.00	141.4	0.0	0.59	
smoking indoors at home	0	0%	0	0%																	
smoking indoors at work	0	0%	0	0%																	
smoking indoors elsewhere	0	0%	0	0%																	
ETS at home indoors	7	9%	0	0%	0.40	0.25	0.25	1.00	3.75	9.75	123.8	46.6									
ETS at work indoors	14	18%	1	14%	0.80	0.25	0.25	1.00	15.75	18.50	87.6	66.8	0.25	0.25	0.25	0.25	0.25	141.4	0.30		
ETS elsewhere indoors	13	17%	1	14%	0.86	0.25	0.75	1.25	2.25	5.75	128.9	35.5	3.00	3.00	3.00	3.00	3.00	141.4	0.34		

\*Coefficient of Variation as a measure of the between day (within-subject) variability (100% \* 2-day SD / 2-day mean)  
 \*\* Mann-Whitney U test

Non-Smokers may have been oversampled



Annex II: Table 15/H. Fractions of individuals entering given microenvironments or activities and the time (decimal hours) spent per 48-h-period in different microenvironments and activities stratified by status in HELSINKI (TMAD)

HELSINKI	doers		h spent for those who do/stay												e/d	u-test						
	exposure		diary		p $\chi^2$		exposure						diary									
	N	%	N	%			10 %	25 %	50 %	75 %	90 %	CV*	sd (CV)	10 %			25 %	50 %	75 %	90 %	CV*	sd (CV)
<b>TRAFFIC</b>																						
bike/walk	133	68 %	194	79 %	0.01		0.50	1.00	1.60	2.38	3.38	59.1	51.1	0.48	0.88	1.63	3.00	4.44	58.0	47.1	0.50	
motorbike/scooter	5	3 %	8	3 %	0.67		0.08	0.21	0.25	0.50	1.00	141.4	0.0	0.17	0.23	0.41	2.00	7.50	127.8	28.9	0.53	
car/taxi	130	66 %	187	76 %	0.03		0.60	1.25	1.90	3.00	5.73	62.4	48.7	0.35	0.75	1.71	2.75	4.00	73.5	54.9	0.06	
bus/tram	70	36 %	116	47 %	0.02		0.25	0.69	1.13	1.88	2.83	74.6	49.7	0.25	0.50	0.99	1.92	2.50	76.1	55.5	0.43	
train/metro	27	14 %	57	23 %	0.01		0.13	0.25	0.50	0.75	1.54	84.2	58.3	0.19	0.50	0.75	1.25	1.75	63.2	59.9	0.07	
<b>TRANSPORT SUM</b>	194	99 %	245	99 %	0.82		1.46	2.13	3.24	4.38	6.13	39.9	33.7	1.63	2.63	3.83	5.25	6.83	36.3	32.0	0.00	
<b>FIXED</b>																						
indoor at home	196	100 %	247	100 %			21.50	24.25	26.56	29.50	37.25	14.2	22.3	20.63	23.25	25.71	28.50	35.18	12.7	17.1	0.02	
outdoor near home	101	52 %	160	65 %	0.00		0.21	0.38	0.75	2.00	3.54	93.4	53.8	0.16	0.38	0.83	1.75	2.92	81.5	52.8	0.94	
indoor at work	168	86 %	212	86 %	0.97		7.25	10.67	14.38	15.90	17.50	28.1	39.5	6.96	12.81	14.98	16.50	17.71	26.7	39.6	0.05	
outdoor at work	76	39 %	95	38 %	0.95		0.17	0.25	0.56	1.31	4.13	91.4	52.8	0.21	0.33	0.51	1.31	4.08	87.6	56.6	0.63	
indoor elsewhere	147	75 %	222	90 %	0.00		0.38	0.63	1.50	3.25	5.63	102.1	48.9	0.50	1.13	2.21	4.00	7.02	83.4	49.8	0.01	
outdoor elsewhere	66	34 %	138	56 %	0.00		0.13	0.25	0.67	1.33	2.44	105.3	48.1	0.15	0.35	0.61	1.46	4.33	104.1	49.1	0.55	
<b>INDOOR SUM</b>	196	100 %	247	100 %			35.58	39.96	42.00	43.72	44.75	8.0	13.6	36.13	39.88	42.25	43.79	45.25	5.0	6.3	0.54	
<b>OUTDOOR SUM</b>	139	71 %	205	83 %	0.00		0.25	0.71	1.46	2.75	6.00	81.6	54.5	0.29	0.75	1.63	3.46	6.46	68.4	52.9	0.20	
<b>ACTIVITIES</b>																						
cooking	137	70 %	192	78 %	0.06		0.25	0.50	1.00	1.75	3.50	78.2	56.3	0.50	0.75	1.25	2.25	3.25	62.3	56.1	0.06	
smoking	41	21 %	56	23 %	0.66		1.00	2.50	5.75	7.50	8.75	31.5	36.4	0.75	2.50	4.13	5.75	8.00	39.6	50.4	0.18	
passive smoking (ETS)	49	25 %	72	29 %	0.33		0.25	0.50	0.75	2.75	8.25	93.4	57.6	0.25	0.50	1.38	3.25	5.75	92.8	57.5	0.37	
smoking indoors at home	31	16 %	45	18 %	0.51		0.31	0.50	1.13	2.50	4.63	47.9	44.5	0.25	0.50	1.04	1.96	3.63	56.8	55.4	0.40	
smoking indoors at work	29	15 %	34	14 %	0.76		0.21	1.25	2.00	3.38	5.75	52.5	54.0	0.40	0.75	1.48	3.42	4.63	51.2	51.0	0.65	
smoking indoors elsewhere	16	8 %	27	11 %	0.33		0.08	0.19	0.50	1.75	4.33	110.9	47.6	0.13	0.25	0.38	0.71	1.21	101.5	52.8	0.48	
ETS at home indoors	15	8 %	22	9 %	0.64		0.13	0.25	0.50	1.75	1.75	95.5	53.6	0.13	0.38	1.10	2.25	3.00	86.1	59.4	0.26	
ETS at work indoors	18	9 %	23	9 %	0.96		0.25	0.25	0.63	2.75	12.63	65.8	63.5	0.21	0.25	0.75	1.88	11.00	91.4	64.6	0.73	
ETS elsewhere indoors	23	12 %	46	19 %	0.05		0.25	0.50	1.71	3.00	4.00	125.5	35.4	0.25	0.38	1.00	2.75	4.50	125.7	36.7	0.32	

\*Coefficient of Variation as a measure of the between day (within-subject) variability (100% \* 2-day SD / 2-day mean)

\*\* Mann-Whitney U test

Non-Smokers may have been oversampled



**Annex II: Table 15/M. Fractions of individuals entering given microenvironments or activities and the time (decimal hours) spent per 48-h-period in different microenvironments and activities stratified by status in MILAN (TMAD)**

MILAN		doers				h spent for those who do/stay												e/d		
		exposure		diary		exposure						diary						sd (CV)	u-test	
		N	%	N	%	10 %	25 %	50 %	75 %	90 %	CV*	sd (CV)	10 %	25 %	50 %	75 %	90 %	CV*	sd (CV)	
<b>TRAFFIC</b>																				
bike/walk	41	82 %	198	79 %	0.65	0.38	0.88	1.25	2.13	2.58	53.7	52.6	0.38	0.75	1.25	2.25	3.25	55.9	49.9	0.83
motorbike/scooter	4	8 %	18	7 %	0.84	0.25	0.38	0.75	1.48	1.96	83.3	67.6	0.75	1.13	2.21	3.38	4.38	45.8	40.2	0.04
car/taxi	40	80 %	176	70 %	0.17	0.25	0.50	1.00	2.38	3.25	76.7	56.5	0.50	1.25	2.06	3.50	5.88	59.9	53.2	0.00
bus/tram	30	60 %	90	36 %	0.00	0.35	0.50	1.23	2.00	2.44	56.0	46.2	0.25	0.63	1.15	1.83	2.44	66.8	59.4	0.88
train/metro	17	34 %	71	28 %	0.43	0.25	0.50	1.00	1.21	1.50	74.0	54.2	0.50	0.71	1.00	2.00	2.63	64.2	59.5	0.07
<b>TRANSPORT SUM</b>	50	100 %	249	100 %	0.65	2.00	2.88	3.56	4.38	4.92	24.0	19.3	2.00	2.75	3.88	5.50	7.00	27.1	23.0	0.15
<b>FIXED</b>																				
indoor at home	50	100 %	250	100 %		23.13	24.50	27.06	28.13	30.00	9.9	11.2	21.13	23.25	26.00	29.50	35.56	10.0	9.8	0.48
outdoor near home	6	12 %	49	20 %	0.20	0.13	0.13	0.25	1.00	2.25	94.3	73.0	0.13	0.25	0.75	1.00	2.00	99.5	59.4	0.26
indoor at work	50	100 %	218	87 %	0.01	12.06	13.25	14.50	16.25	17.69	14.6	21.7	7.50	11.50	15.25	16.88	18.75	17.4	31.4	0.86
outdoor at work	21	42 %	58	23 %	0.01	0.13	0.25	0.38	0.75	1.00	113.5	47.1	0.25	0.25	0.75	2.25	8.81	92.3	59.0	0.02
indoor elsewhere	41	82 %	232	93 %	0.01	0.71	1.25	2.38	4.00	6.46	80.0	47.8	0.75	1.50	2.50	4.25	6.25	67.5	51.0	0.65
outdoor elsewhere	24	48 %	124	50 %	0.84	0.25	0.38	0.75	1.19	2.38	94.9	58.8	0.25	0.50	1.00	1.50	3.00	94.5	55.9	0.25
<b>INDOOR SUM</b>	50	100 %	250	100 %		41.81	42.88	43.50	44.58	45.50	2.6	2.2	39.13	41.00	43.13	44.50	45.75	3.6	3.7	0.04
<b>OUTDOOR SUM</b>	34	68 %	160	64 %	0.59	0.25	0.46	0.88	2.00	2.88	81.3	57.0	0.25	0.63	1.25	2.56	4.63	82.1	56.5	0.06
<b>ACTIVITIES</b>																				
cooking	40	80 %	208	83 %	0.59	0.38	0.50	1.25	1.88	2.50	78.4	56.8	0.50	0.75	1.50	2.25	3.50	48.3	49.7	0.21
smoking	18	36 %	76	30 %	0.44	1.25	2.00	3.88	5.25	13.25	36.9	34.5	1.00	3.38	4.75	7.13	12.00	26.0	34.3	0.16
passive smoking (ETS)	31	62 %	164	66 %	0.63	0.75	1.00	2.00	3.50	5.25	60.1	50.3	0.50	1.00	2.50	5.63	11.50	58.7	54.4	0.37
smoking indoors at home	17	34 %	64	26 %	0.22	0.50	0.75	1.25	1.75	2.50	50.7	47.2	0.50	1.00	1.88	2.69	4.75	47.3	49.7	0.08
smoking indoors at work	15	30 %	63	25 %	0.48	0.75	1.50	2.50	3.50	6.88	43.4	45.6	0.75	1.25	2.38	3.75	6.00	42.2	47.4	0.98
smoking indoors elsewhere	9	18 %	52	21 %	0.65	0.13	0.25	0.63	1.00	2.13	128.7	27.8	0.25	0.50	0.75	1.06	1.25	86.2	59.0	0.69
ETS at home indoors	10	20 %	48	19 %	0.90	0.63	1.00	2.25	2.50	6.88	61.7	53.8	0.50	0.50	1.25	2.00	3.50	70.0	61.0	0.13
ETS at work indoors	20	40 %	111	44 %	0.57	0.25	0.50	1.25	2.88	4.56	85.4	56.7	0.25	0.75	2.25	4.50	12.88	56.7	55.6	0.06
ETS elsewhere indoors	16	32 %	93	37 %	0.49	0.13	0.31	0.75	1.13	3.00	97.2	60.0	0.25	0.38	0.75	1.50	2.88	103.3	55.4	0.60

\*Coefficient of Variation as a measure of the between day (within-subject) variability (100% \* 2-day SD / 2-day mean)  
 \*\* Mann-Whitney U test

Non-Smokers may have been oversampled

**Annex II: Table 15/ P. Fractions of individuals entering given microenvironments or activities and the time (decimal hours) spent per 48-h-period in different microenvironments and activities stratified by status in Praha (TMAD)**

Praha		doers				h spent for those who do/stay												e/d	u-test	
		exposure		diary		exposure						diary								
		N	%	N	%	10 %	25 %	50 %	75 %	90 %	CV*	sd (CV)	10 %	25 %	50 %	75 %	90 %			CV*
<b>TRAFFIC</b>																				
bike/walk	38	76 %	25	76 %	0.38	0.75	1.35	2.38	3.63	72.6	52.0	0.46	0.63	2.38	3.50	5.83	61.3	44.6	0.19	
motorbike/scooter	1	2 %	2	6 %	0.25	0.25	0.25	0.25	0.25	141.4		0.88	0.88	0.94	1.00	1.00	121.2	28.6	0.33	
car/taxi	38	76 %	14	42 %	0.25	0.50	1.00	2.50	5.00	104.6	51.6	0.25	0.75	1.38	2.38	5.25	89.2	52.3	0.56	
bus/tram	40	80 %	23	70 %	0.42	0.77	1.10	1.50	2.19	62.0	47.0	0.25	0.50	1.38	2.50	3.63	81.9	55.9	0.19	
train/metro	25	50 %	15	45 %	0.38	0.50	0.96	1.25	1.63	91.5	56.8	0.25	0.75	1.00	2.75	2.88	75.7	58.8	0.24	
<b>TRANSPORT SUM</b>	49	98 %	33	100 %	1.88	2.38	3.42	5.38	8.50	46.5	34.0	1.75	3.25	4.50	5.50	9.75	47.2	37.1	0.20	
<b>FIXED</b>																				
indoor at home	50	100 %	33	100 %	20.69	23.00	26.48	31.00	37.58	15.3	24.1	18.75	24.38	26.25	33.38	40.13	14.4	24.9	0.61	
outdoor near home	10	20 %	5	15 %	0.57	0.38	0.81	1.50	1.75	112.4	48.6	0.13	0.63	0.75	1.83	17.75	124.9	30.7	0.54	
indoor at work	47	94 %	25	76 %	0.02	8.25	14.88	17.50	19.25	41.5	53.5	4.75	11.13	15.00	17.13	18.50	27.5	40.7	0.73	
outdoor at work	16	32 %	9	27 %	0.65	0.44	1.06	1.63	10.00	101.6	58.7	0.25	0.46	0.75	0.88	13.25	104.0	58.4	0.49	
indoor elsewhere	37	74 %	20	61 %	0.20	0.88	2.25	4.25	9.50	96.5	49.8	0.81	1.31	2.40	3.75	7.13	97.8	53.4	0.77	
outdoor elsewhere	19	38 %	18	55 %	0.14	0.50	1.00	2.25	3.75	118.2	44.2	0.38	0.75	1.00	1.92	6.00	117.2	47.7	0.90	
<b>INDOOR SUM</b>	50	100 %	33	100 %	38.65	39.50	43.17	45.00	45.88	6.2	5.9	34.13	37.25	42.38	43.38	46.13	9.5	17.4	0.20	
<b>OUTDOOR SUM</b>	29	58 %	24	73 %	0.38	0.50	1.38	3.00	5.29	97.5	54.7	0.38	0.81	1.10	2.50	7.00	110.2	44.8	0.81	
<b>ACTIVITIES</b>																				
cooking	36	72 %	25	76 %	0.50	0.75	1.25	2.00	3.00	82.3	53.7	0.75	1.25	2.00	2.50	4.75	64.2	58.0	0.03	
smoking	11	22 %	5	15 %	1.75	1.75	4.75	8.00	8.00	39.1	52.8	1.00	1.50	6.75	8.25	13.75	41.7	58.9	0.83	
passive smoking (ETS)	22	44 %	11	33 %	0.33	0.50	1.25	2.25	4.50	108.3	46.7	0.25	0.50	1.50	2.50	10.50	96.2	63.7	0.90	
smoking indoors at home	10	20 %	3	9 %	0.18	1.25	1.88	3.00	4.13	83.3	53.1	3.75	3.75	5.88	6.50	6.50	48.8	49.7	0.01	
smoking indoors at work	9	18 %	3	9 %	0.26	0.50	1.50	3.50	7.00	59.5	63.6	1.50	1.50	1.75	7.63	7.63	37.5	55.3	0.24	
smoking indoors elsewhere	7	14 %	2	6 %	0.08	0.25	0.92	1.25	5.25	84.9	71.2	0.08	0.08	0.54	1.00	1.00	141.4	0.0	0.59	
ETS at home indoors	5	10 %	4	12 %	0.76	0.13	1.00	1.25	2.00	106.1	50.0	0.25	0.38	0.50	0.88	1.25	106.1	70.7	0.57	
ETS at work indoors	10	20 %	5	15 %	0.57	0.50	0.63	2.00	7.38	111.6	54.8	0.13	0.25	1.25	2.50	17.50	90.9	69.8	0.95	
ETS elsewhere indoors	11	22 %	4	12 %	0.25	0.88	1.50	2.75	3.00	112.0	42.4	0.13	0.94	1.75	5.81	9.88	117.3	48.3	0.71	

\*Coefficient of Variation: between day variability

\*\* Mann-Whitney U test

Annex II: Table 16. All centers: Summary Statistics of Time-Microenvironment-Activity-Diary Data (including all TMAD participants)

	HELSINKI N=445		ATHENS N=100		BASEL N=322		GRENOBLE N=84		MILAN N=300		PRAGUE N=84		TOTAL N=1335	
	AM	SD	AM	SD	AM	SD	AM	SD	AM	SD	AM	SD	AM	SD
<b>TRAFFIC</b>														
bike/walk	0.74	0.81	0.45	0.65	1.15	0.80	0.70	2.67	0.62	0.60	0.77	0.88	0.79	1.01
motorbike/scooter	0.02	0.20	0.18	0.61	0.04	0.18	0.00	0.00	0.07	0.32	0.01	0.07	0.05	0.27
car/taxi	0.84	1.21	1.17	1.30	0.46	0.79	1.05	0.82	0.89	1.02	0.56	0.86	0.78	1.06
bus/tram	0.30	0.58	0.22	0.55	0.28	0.62	0.13	0.30	0.27	0.44	0.53	0.50	0.29	0.55
train/metro	0.08	0.22	0.05	0.17	0.11	0.45	0.00	0.04	0.20	0.42	0.32	0.67	0.12	0.38
<b>TRANSPORT SUM</b>	1.97	1.32	2.07	1.28	2.04	1.20	1.88	2.64	2.05	0.95	2.20	1.31	2.02	1.34
<b>FIXED</b>														
indoor at home	13.50	3.12	15.45	4.64	13.52	3.40	14.43	4.68	13.50	2.62	14.11	3.60	13.75	3.41
outdoor near home	0.44	0.91	0.44	0.97	0.42	0.83	0.19	0.68	0.08	0.28	0.18	0.98	0.33	0.80
indoor at work	5.79	3.12	4.08	3.53	5.56	3.46	5.04	3.94	6.34	2.98	5.55	3.35	5.67	3.32
outdoor at work	0.30	0.93	0.30	0.84	0.30	1.13	0.23	0.83	0.27	1.03	0.39	1.47	0.30	1.03
indoor elsewhere	1.21	1.53	1.29	1.57	1.69	1.58	1.85	2.91	1.43	1.33	1.16	1.67	1.42	1.65
outdoor elsewhere	0.29	0.64	0.46	0.74	0.45	0.86	0.34	0.74	0.31	0.55	0.35	0.64	0.35	0.70
<b>INDOOR SUM</b>	20.50	2.34	20.82	2.94	20.77	2.04	21.33	2.85	21.27	1.67	20.82	2.15	20.83	2.23
<b>OUTDOOR SUM</b>	1.03	1.53	1.20	1.61	1.18	1.77	0.76	1.25	0.67	1.22	0.92	1.85	0.98	1.55
<b>ACTIVITIES</b>														
cooking	0.66	1.11	0.74	0.88	0.68	0.66	0.34	0.69	0.71	0.73	0.67	0.67	0.66	0.87
smoking	0.53	1.31	0.61	2.38	0.60	1.35	0.00	0.00	0.89	1.80	0.53	1.46	0.60	1.53
passive smoking (ETS)	0.37	1.10	1.36	2.32	0.64	1.15	1.15	3.48	1.33	2.13	0.58	1.64	0.79	1.80
smoking indoors at home	0.14	0.45	0.30	1.48	0.24	0.65	0.00	0.00	0.30	0.71	0.22	0.64	0.21	0.69
smoking indoors at work	0.18	0.68	0.20	0.85	0.14	0.57	0.00	0.00	0.38	0.88	0.18	0.63	0.20	0.70
smoking indoors elsewhere	0.05	0.34	0.01	0.07	0.07	0.27	0.00	0.00	0.08	0.19	0.06	0.31	0.06	0.26
ETS at home indoors	0.06	0.35	0.39	1.14	0.09	0.35	0.10	0.57	0.18	0.58	0.04	0.16	0.12	0.52
ETS at work indoors	0.13	0.82	0.49	1.61	0.21	0.82	0.56	2.02	0.85	1.86	0.26	1.12	0.37	1.33
ETS elsewhere indoors	0.15	0.55	0.30	0.77	0.30	0.67	0.17	0.55	0.24	0.65	0.21	0.67	0.22	0.63



Annex II: Table 18/A. Personal exposure and microenvironmental concentration levels [ $\mu\text{g}/\text{m}^3$ ] and distributions of VOCs in ATHENS

ATHENS	personal (48 h)										home indoors					home outdoors					workplace					
	AM		GSD		50 %	75 %	90 %	AM	GM	GSD	50 %	75 %	90 %	AM	GM	GSD	50 %	75 %	90 %	AM	GM	GSD	50 %	75 %	90 %	
<b>TVOC</b>																										
<b>Alkanes</b>																										
nonane	6.964	1.6	4.3	8.2	13.1	5.6	1.4	4.0	6.7	11.4	2.7	0.0	2.0	3.4	5.8	6.9	1.5	3.7	6.8	19.8						
decane	17.369	2.4	8.4	15.5	27.0	13.8	2.3	9.6	15.4	26.8	4.1	1.1	3.3	5.3	9.2	14.0	1.9	5.5	12.0	41.7						
undecane	8.685	1.8	5.3	7.7	13.6	6.8	1.6	5.1	7.4	14.2	2.5	0.0	2.0	3.7	5.5	8.5	1.6	1.2	2.4	3.1						
cyclohexane	9.682	2.0	4.9	11.6	25.2	4.6	1.4	3.6	6.5	9.2	3.4	0.0	2.8	4.2	9.7	7.3	1.7	1.9	2.2	3.0						
<b>Aromatics</b>																										
benzene	17.845	2.5	12.5	18.6	25.5	11.1	2.2	8.6	15.8	24.2	10.5	2.1	7.8	14.5	22.4	13.7	2.5	13.8	17.5	24.6						
toluene	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
ethylbenzene	18.641	2.2	8.0	12.5	23.5	7.7	1.9	6.9	11.0	13.7	5.9	1.5	4.4	7.9	13.6	54.1	2.3	8.1	11.5	158.3						
m&p-xylene	54.559	3.4	25.4	38.4	71.7	24.0	3.0	21.8	34.0	45.1	20.1	2.7	15.5	28.2	43.9	121.2	3.4	26.2	36.2	261.6						
o-xylene	15.004	2.3	9.3	14.3	23.7	8.3	1.9	2.0	2.5	2.8	7.2	1.7	5.4	10.2	16.1	28.7	2.3	9.1	13.5	73.4						
styrene	5.434	1.2	3.4	4.1	6.7	2.4	0.0	2.2	3.1	4.7	1.8	0.421	1.4	2.5	3.8	7.1	1.3	3.1	4.2	22.2						
naphthalene	45.546	3.2	21.0	42.4	115.5	90.1	3.2	22.1	47.6	307.8	4.4	1.2	2.9	5.5	8.7	7.5	1.7	4.3	8.2	20.9						
propylbenzene	4.130	1.2	3.2	4.6	6.7	3.1	0.0	3.0	4.0	5.7	2.2	0.579	1.6	3.1	4.8	4.1	1.2	3.2	5.7	8.0						
trimethylbenzenes	27.322	2.9	18.7	25.0	42.2	18.2	2.7	16.1	24.5	32.9	13.8	2.2	10.2	19.3	34.9	19.4	2.6	16.6	26.2	47.2						
<b>Alcohols</b>																										
2-methyl-1-propanol	6.842	2.0	6.8			7.0	1.8	5.8	9.5	13.9	7.4	1.9	7.4			6.9	1.7	5.5	0.0	0.0						
2-ethylhexanol	6.160	1.7	4.9	8.6	11.9	3.6	1.1	2.9	4.6	7.8	1.6	0.346	1.9			3.9	1.3	2.9	6.0	7.8						
phenol			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
1-octanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
<b>Esters</b>																										
2-butoxyethanol	15.003	2.4	9.4	13.8	28.0	14.8	2.2	7.8	19.7	34.6	4.1	1.3	2.9	6.7		12.0	2.4	12.9	15.7	19.6						
<b>Alkanals</b>																										
hexanal	10.062	2.2	9.2	12.1	15.1	11.8	2.2	8.1	13.5	27.3	4.8	1.2	2.1	6.8		8.7	2.0	7.8	11.5	14.7						
benzaldehyde	8.915	2.1	8.2	10.6	13.1	7.4	1.9	6.3	8.2	12.5	5.5	1.6	4.8	6.6	8.5	11.0	2.3	10.8	13.8	17.7						
octanal	5.151	1.6	4.6	5.4	7.6	5.1	1.4	3.1	4.9	12.5	2.2	0.644	2.0	2.3	4.3	6.9	1.5	3.6	7.3							
<b>Halogenated</b>																										
trichloroethene	11.191	1.9	7.8	9.9	30.1	11.4	2.0	8.2	13.2	22.4	9.9	1.5	4.3	9.5	33.7	7.5	1.8	6.4	11.6	16.1						
tetrachloroethene	6.445	1.4	2.8	7.2	15.3	7.7	1.4	4.0	6.7	14.3	15.3	1.0	2.3	5.8	12.6	4.7	1.3	3.5	6.1	10.6						
1,1,2-trichloroethane	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
<b>Miscellaneous</b>																										
d-limonene	55.453	3.3	28.7	46.1	225.6	82.5	3.4	22.8	109.4	340.1	5.3	1.1	2.2	6.2	11.0	14.4	2.3	11.0	21.0	31.0						
1-methyl-2-pyrrolidinone	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
3-carene	2.107	0.630	1.9	3.2		2.8	0.764	2.4	3.6	5.0	3.9	0.884	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
alpha-pinene	9.012	2.0	7.6	11.6	14.6	11.4	2.1	8.3	11.9	23.1	2.7	0.747	1.7	4.0	5.9	17.4	1.7	3.2	5.6	93.9						



Annex II: Table 18/B. Personal exposure and microenvironmental concentration levels [ $\mu\text{g}/\text{m}^3$ ] and distributions of VOCs in BASEL (Values < DOL replaced with 0.5\*DOL)

BASEL	personal (48 h)						home indoors						home outdoors						workplace											
	n>DL	AM	GM	GSD	50 %	75 %	90 %	n>DL	AM	GM	GSD	50 %	75 %	90 %	n>DL	AM	GM	GSD	50 %	75 %	90 %	n>DL	AM	GM	GSD	50 %	75 %	90 %		
<b>**TVOC</b>																														
<b>Alkanes</b>																														
nonane	31	13.6	2.0	4.1	1.3	4.0	6.6	26	3.4	1.8	2.8	1.3	4.4	8.0	0	0.4	0.3	1.8	0.3	0.5	0.7	0.6	15	24.4	1.5	5.3	1.0	2.5	25.1	
decane	48	22.7	4.1	4.0	2.8	6.3	21.5	42	8.6	3.5	3.2	2.7	6.0	15.1	0	0.6	0.5	1.9	0.5	0.7	1.0	26	62.9	3.2	5.9	1.9	4.6	87.9		
undecane	44	15.0	3.9	3.4	2.9	7.1	12.6	38	8.8	2.9	3.3	2.1	5.9	16.2	0	0.5	0.4	1.8	0.5	0.7	0.8	20	38.8	2.7	5.2	1.7	3.7	36.0		
<b>**cyclohexane</b>																														
<b>Aromatics</b>																														
benzene	35	5.6	3.1	3.2	3.1	6.1	11.1	28	3.0	2.4	2.2	2.7	3.4	6.0	13	1.5	1.1	2.5	1.4	2.2	2.9	17	7.8	2.7	2.9	2.5	3.6	8.2		
toluene	50	31.1	22.3	2.1	18.9	34.7	65.9	47	20.1	16.9	1.8	14.9	25.9	34.8	37	6.4	5.5	1.8	6.0	8.2	10.5	37	32.4	15.4	2.4	13.0	19.6	38.7		
ethylbenzene	40	13.6	3.3	2.8	2.5	4.6	7.2	32	2.7	2.1	1.8	1.8	2.8	3.8	12	1.1	1.1	1.5	1.1	1.5	1.7	13	9.8	2.5	3.0	1.8	2.7	11.0		
m&p-xylene	50	39.9	9.9	2.8	7.3	14.2	23.2	46	7.9	6.2	1.8	5.9	8.0	11.8	37	3.3	2.9	1.7	3.1	4.2	5.6	34	34.6	7.1	3.3	5.1	7.6	29.6		
o-xylene	47	11.5	3.4	2.7	2.6	5.3	7.9	37	2.7	2.1	1.9	1.9	2.8	4.2	19	1.2	1.1	1.6	1.2	1.4	1.8	21	11.3	2.5	3.2	1.7	2.5	9.4		
<b>*styrene</b>	10														0							5								
<b>**naphthalene</b>																														
propylbenzene	13	3.0	0.9	2.7	0.7	1.4	2.2	9	1.0	0.7	2.1	0.6	1.1	2.4	0	0.4	0.3	1.8	0.3	0.4	0.6	5	5.4	0.8	3.6	0.5	0.9	3.2		
trimethylbenzenes	42	33.2	7.5	2.9	5.7	10.4	19.9	31	7.4	5.2	2.2	4.3	6.8	18.6	11	2.0	1.7	1.9	1.8	2.8	3.3	19	75.1	5.5	4.3	3.8	6.7	26.2		
<b>Alcohols</b>																														
<b>**2-methyl-1-propanol</b>																														
<b>*2-ethylhexanol</b>																														
<b>**phenol</b>	35																													
<b>**1-octanol</b>																														
<b>Esters</b>																														
<b>*2-butoxyethanol</b>	34																													
<b>Alkanals</b>																														
<b>*hexanal</b>	50																													
<b>*benzaldehyde</b>	24																													
<b>*Octanal</b>	29																													
<b>Halogenated</b>																														
trichloroethene	13	1.4	0.9	2.6	0.9	1.3	3.1	10	1.0	0.8	2.2	0.8	1.2	1.8	1	0.6	0.5	2.0	0.5	0.7	1.1	5	2.2	1.0	3.0	0.9	1.5	2.0		
tetrachloroethene	11	1.3	0.7	3.1	0.9	1.5	3.2	8	1.2	0.6	3.1	0.6	1.3	2.9	3	0.7	0.5	3.2	0.7	0.9	1.4	7	1.4	0.9	3.0	1.2	2.2	3.1		
1,1,2-trichloroethane	0																													
<b>Miscellaneous</b>																														
<b>*d-limonene</b>	50																													
<b>*1-methyl-2-pyrrolidinone</b>	8																													
<b>*3-carene</b>	11																													
<b>*alpha-pinene</b>	36																													
<b>Basel only</b>																														
hexane	21	16.4	1.4	5.5	0.9	4.4	17.7	16	1.5	0.7	3.9	0.7	1.9	3.9	13	0.7	0.4	3.4	0.5	0.9	2.0	12	11.6	1.2	5.8	0.9	3.6	6.0		
1,1,1-Trichloroethan	21	91.1	1.2	6.5	1.1	3.0	6.1	19	77.8	1.1	6.5	0.9	2.6	6.0	0	0.5	0.3	2.9	0.4	0.6	0.7	9	13.0	1.3	4.1	0.8	1.7	5.7		
Heptane	40	52.3	3.5	4.8	2.8	6.4	12.8	27	4.2	2.0	2.7	1.8	2.9	6.5	4	0.7	0.6	2.2	0.6	1.0	1.4	20	65.8	3.3	4.6	2.4	6.2	16.3		

\* only qualitative analysis

\*\* cannot be determined with active charcoal method

Annex II: Table 18/II. Personal exposure and microenvironmental concentration levels and distributions of VOCs in HELSINKI

HELSINKI	Personal (48 h)			n collected: 182			home indoors			n collected: 177			home outdoors			n collected: 150			workplace			n collected: 135								
	n>DL	AM	GSD	50 %	75 %	90 %	n>DL	AM	GSD	50 %	75 %	90 %	n>DL	AM	GSD	50 %	75 %	90 %	n>DL	AM	GSD	50 %	75 %	90 %						
<b>TVOC</b>	182	452.1	239.6	2.2	202.4	324.3	473.7	177	290.2	231.5	1.9	226.1	332.7	548.6	150	72.5	44.1	2.1	41.9	62.2	98.7	135	432.1	152.9	2.6	125.7	195.8	386.3		
nonane	120	7.9	1.5	3.1	2.3	5.1	115	2.1	1.3	1.3	2.4	1.3	2.1	3.4	37	1.0	<DL	1.9	<DL	<DL	1.5	63	7.0	1.2	3.5	<DL	1.8	4.5		
decane	139	16.3	2.8	3.0	5.5	13.0	138	5.2	2.5	3.1	2.6	5.4	9.2	9.2	29	1.0	<DL	1.9	<DL	<DL	1.7	74	12.5	1.7	4.5	1.3	3.6	9.7		
undecane	160	14.2	3.1	3.3	2.7	5.2	147	5.1	2.5	3.0	2.5	4.6	8.7	22	<DL	<DL	<DL	1.6	<DL	<DL	1.2	79	11.8	1.6	3.9	1.3	3.2	7.5		
cyclohexane	44	9.5	<DL	2.8	<DL	3.3	36	1.3	<DL	<DL	2.2	<DL	<DL	2.6	4	1.3	<DL	1.7	<DL	<DL	<DL	18	1.5	<DL	2.2	<DL	<DL	2.0		
<b>Aromatics</b>																														
benzene	154	3.4	2.3	2.3	2.6	3.6	122	2.2	1.6	1.6	2.4	1.9	3.0	4.1	111	1.6	1.3	1.9	1.5	2.0	2.6	100	3.8	1.8	2.6	2.1	3.5	4.7		
toluene	181	25.2	16.2	2.2	14.1	22.9	177	20.3	14.6	2.1	13.5	21.8	36.3	140	5.6	3.5	2.4	3.5	5.4	7.9	7.9	134	24.7	<DL	2.8	7.4	12.5	23.6		
ethylbenzene	173	7.7	2.8	2.5	2.4	4.0	151	2.8	2.1	2.2	2.2	3.1	5.6	44	<DL	<DL	1.8	<DL	1.0	1.6	99	15.0	1.9	3.5	1.7	3.1	6.6			
m&p-xylene	181	24.9	8.7	2.4	7.3	12.5	175	7.8	6.1	2.0	5.9	9.2	14.4	127	3.0	2.2	2.3	2.3	3.8	5.4	5.4	130	35.2	6.4	3.2	5.2	9.3	20.1		
o-xylene	162	9.9	2.6	2.8	2.3	4.1	140	2.4	1.7	2.3	1.7	2.8	4.4	53	1.0	<DL	1.9	<DL	1.2	1.9	95	15.0	1.8	3.5	1.6	3.1	6.8			
styrene	47	1.0	<DL	1.9	<DL	1.0	52	1.1	<DL	2.0	<DL	1.2	2.1	2.1	4	<DL	<DL	1.3	<DL	<DL	<DL	18	<DL	<DL	1.6	<DL	<DL	1.3		
naphthalene	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
propylbenzene	59	1.5	<DL	2.3	<DL	1.3	44	<DL	<DL	1.8	<DL	<DL	1.7	1.7	5	<DL	<DL	1.5	<DL	<DL	<DL	21	3.3	<DL	2.8	<DL	<DL	1.8		
trimethylbenzenes	166	8.9	3.4	3.2	3.1	6.2	141	4.0	2.1	2.8	2.2	4.0	6.7	42	1.2	<DL	2.2	2.2	<DL	1.2	2.7	95	13.8	2.0	4.1	1.7	3.5	8.9		
<b>Alcohols</b>																														
2-methyl-1-propanol	82	3.9	1.6	3.8	<DL	5.8	125	8.2	3.3	4.0	4.3	8.4	14.5	4	2.0	<DL	1.7	<DL	<DL	<DL	<DL	24	2.8	<DL	3.2	<DL	<DL	6.5		
2-ethylhexanol	106	3.0	1.7	3.0	2.3	4.1	107	3.5	1.8	3.2	2.1	4.6	6.6	11	<DL	<DL	1.5	<DL	<DL	<DL	72	2.6	1.4	2.9	1.4	3.2	5.1			
phenol	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
1-octanol	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
<b>Esters</b>																														
2-butoxyethanol	31	6.5	<DL	2.7	<DL	3.5	44	2.0	<DL	<DL	2.8	<DL	<DL	4.4	<DL	<DL	1.0	<DL	<DL	<DL	<DL	13	18.8	<DL	2.8	<DL	<DL	<DL		
<b>Alkanals</b>																														
hexanal	175	8.1	6.4	2.1	6.6	9.3	143	11.5	8.4	2.4	8.9	14.4	21.7	25	<DL	<DL	1.8	<DL	<DL	<DL	88	3.9	2.1	3.2	2.9	4.7	9.3			
benzaldehyde	162	4.7	3.8	2.2	4.6	5.7	168	5.0	4.2	1.9	4.4	5.8	8.5	123	2.6	2.1	2.1	2.1	2.6	3.4	4.5	118	4.9	3.9	2.3	4.7	6.3	8.2		
octanal	151	4.2	3.1	2.5	4.1	5.4	155	4.2	3.2	2.3	3.9	5.7	7.7	81	1.3	1.0	2.1	2.1	1.1	2.0	2.5	79	2.2	1.4	2.6	1.7	3.2	4.6		
<b>Halogenated</b>																														
trichloroethene	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
tetrachloroethene	17	2.8	<DL	2.2	<DL	<DL	13	<DL	<DL	1.7	<DL	<DL	<DL	<DL	<DL	<DL	1.0	<DL	<DL	<DL	<DL	7	<DL	<DL	1.7	<DL	<DL	<DL	<DL	
1,1,2-trichloroethane	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
<b>Miscellaneous</b>																														
d-limonene	174	18.7	8.3	3.5	7.6	19.1	174	31.5	11.6	3.9	10.6	22.9	78.6	11	<DL	<DL	1.6	<DL	<DL	<DL	98	13.8	2.7	4.3	2.6	5.6	14.6			
1-methyl-2-pyrrolidinone	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
3-carene	115	3.2	1.7	3.0	1.9	3.6	128	5.6	2.6	3.6	2.8	6.3	13.6	13	<DL	<DL	1.7	<DL	<DL	<DL	32	1.6	<DL	2.5	<DL	<DL	2.6			
alpha-pinene	176	9.9	6.2	2.6	6.4	10.7	175	15.9	9.0	2.8	8.9	16.8	36.2	40	1.5	<DL	2.4	2.4	<DL	<DL	88	4.7	1.9	3.4	1.9	4.7	9.1			

# Found in less than 10% of samples. statistics not presented

Annex II: Table 18/II. Personal exposure and microenvironmental concentration levels [ $\mu\text{g}/\text{m}^3$ ] and distributions of VOCs in MILAN (values <DL\* replaced with 0.5)

MILAN	personal (48 h) - n. collected: 0				home indoors - n. collected: 43				home outdoors - n. collected: 23				workplace - n. collected: 44									
	n>DL	AM	GM	GSD	50 %	75 %	90 %	n>DL	AM	GM	GSD	50 %	75 %	90 %	n>DL	AM	GM	GSD	50 %	75 %	90 %	
<b>TVOC</b>																						
<b>Alkanes</b>																						
hexane	3	11.9	0.7	3.9	<DL	<DL	<DL	2	3.5	0.7	3.4	<DL	<DL	<DL	5	14.5	0.8	4.4	<DL	<DL	<DL	13.8
nonane	41	6.9	3.5	2.7	4.9	14.2	22	3.2	2.5	2	2.5	<DL	<DL	<DL	35	3.1	2.1	2.5	2	4	6.2	
decane	39	7.5	4.2	3.1	4.1	8.3	23.4	21	5.8	2.8	3.1	2.9	4.2	6.7	3.9	5.2	3.3	2.7	3.6	5.9	9.7	
undecane	40	5.6	3.6	2.6	3.8	6.2	13.6	18	6.8	2.1	3.3	2	3.3	4.3	30	3.6	1.9	3.1	2.4	3.7	6.6	
cyclohexane	21	7	2.1	4.9	<DL	7.3	16.5	11	3.3	1.5	3.6	<DL	<DL	4	18	8.3	1.8	5.4	<DL	8.1	16.4	
<b>Aromatics</b>																						
benzene	41	13.2	9.1	2.6	9.7	15.6	26.8	23	10.4	8.3	1.9	7.4	11.9	20.5	43	14	9.9	2.6	9.8	17.3	28.9	
toluene	43	68	53.6	2.2	57.3	80.6	117.9	23	43.3	33	2.1	30	59	96	44	53.5	38.6	2.2	34.9	67.5	101.2	
ethylbenzene	43	10.7	7.5	2.3	6.7	11.4	20.1	23	6.7	5.1	2.1	4.9	8.6	12.9	43	8.8	6.4	2.3	5.7	10.5	20.4	
m&p-xylene	43	36.5	26.1	2.2	22	40	95.2	23	23.4	18.2	2.1	18	31.8	50	43	28.8	20.4	2.5	18.8	32.9	61.3	
o-xylene	42	11.5	7.8	2.5	7.3	11.8	22.3	23	7.8	5.9	2.2	6.2	9.6	18	40	9.3	6	2.9	6.3	11.2	17.8	
styrene	38	5.5	3	3.1	3.3	5.7	12.8	15	1.9	1.3	2.4	1.3	2.5	4.1	27	2.9	1.8	3	2.6	4.1	7.8	
naphthalene	38	4.1	2.1	2.7	1.8	3	5.3	18	1.5	1.2	2.1	1	1.6	3	36	2.2	1.7	2.2	1.7	3.1	4.6	
propylbenzene	37	3.1	2	2.5	1.7	3	7.7	20	1.9	1.4	2.2	1.3	2.7	3.8	32	2.3	1.6	2.4	1.6	2.8	4.6	
trimethylbenzenes	43	17.7	13.5	2.1	12.1	22.9	35.5	23	14.2	9.6	2.5	10	15	30.4	41	15.3	9	3.2	9.1	19.2	28.8	
<b>Alcohols</b>																						
2-methyl-1-propanol	26	16.9	3.5	5.9	5	12.5	28.2	4	1.9	0.8	2.7	<DL	<DL	3.1	10	5.3	1.1	4.4	<DL	<DL	14	
2-ethylhexanol	11	2.2	0.9	3	<DL	<DL	5	8	2.7	1.1	3.3	<DL	3.2	4.5	16	4.4	1.4	4.2	<DL	4.6	12.9	
phenol	1	0.8	<DL	<DL	<DL	<DL	<DL	0	<DL	<DL	<DL	<DL	<DL	<DL	3	3.7	0.7	3.1	<DL	<DL	<DL	
1-octanol	1	0.5	<DL	<DL	<DL	<DL	<DL	0	<DL	<DL	<DL	<DL	<DL	<DL	1	0.5	0.5	1.1	<DL	<DL	<DL	
<b>Esters</b>																						
2-butoxyethanol	20	7.6	2	5.1	<DL	8.3	17	2	0.7	0.6	1.6	<DL	<DL	<DL	29	14.7	5.4	6	11.7	22.5	36.3	
hexanal	21	4.7	1.8	4.2	<DL	5.7	13	4	1	<DL	<DL	<DL	<DL	1.9	15	2.2	1.1	3.1	<DL	2.9	7.1	
benzaldehyde	42	10.6	8.8	2	9.5	13.1	18.7	22	8.9	7	2.2	7	10.9	16.6	41	12.3	9.4	2.6	10.5	14.8	23.1	
octanal	20	3	1.5	3.4	<DL	4.6	7	7	1.9	1	2.8	<DL	2.7	3.4	16	3	1.3	3.6	<DL	4.3	7.4	
<b>Halogenated</b>																						
trichloroethene	37	89.4	6	5.6	7.7	11.3	21.2	18	3.7	2.3	2.9	2.3	5.3	8	32	10.2	3.8	4.5	4.7	10	25.4	
tetrachloroethene	43	12.8	7.6	2.7	7.4	14.5	28.1	21	12.6	5.2	3.7	4.1	9	39.8	42	7.8	5	2.8	5.4	10.4	17.5	
1,1,2-trichloroethane	1	1.1	0.5	1.8	<DL	<DL	<DL	0	<DL	<DL	<DL	<DL	<DL	<DL	0	<DL	<DL	<DL	<DL	<DL	<DL	
<b>Miscellaneous</b>																						
d-limonene	40	46.6	12.1	5.2	12.4	26.2	90	15	6.2	2	4.3	1.5	7	12	34	10.5	4.1	4.6	4.8	13	36.5	
1-methyl-2-pyrrolidinone	0	<DL	<DL	<DL	<DL	<DL	<DL	0	<DL	<DL	<DL	<DL	<DL	<DL	1	0.5	0.6	2	<DL	<DL	<DL	
3-carene	4	2.2	0.7	2.7	<DL	<DL	<DL	1	2	0.6	1.4	<DL	<DL	<DL	1	0.5	0.5	1.2	<DL	<DL	<DL	
alpha-pinene	36	14.5	3.5	4.2	3.1	8.7	16.1	9	6.7	1	3.8	<DL	1.2	3	13	1.3	0.8	2.3	<DL	1.3	2.9	
1-butanol	11	4.9	1.1	4.3	<DL	10.5	10.5	1	0.6	0.5	1.5	<DL	<DL	<DL	10	3.7	1	3.8	<DL	<DL	7.5	

\* DL = Detection Limit (1  $\mu\text{g}/\text{m}^3$ )

Annex II: Table 18/P. Personal exposure and microenvironmental concentration levels [ $\mu\text{g}/\text{m}^3$ ] and distributions of VOCs in PRAGUE

PRAGUE	personal (48 h)			home indoors			home outdoors			workplace									
	AM	GM	GSD	50 %	75 %	90 %	AM	GM	GSD	50 %	75 %	90 %	AM	GM	GSD	50 %	75 %	90 %	
<b>TVOC</b>	522.5	455.5	1.7	413.3	570.6	876.6	451.5	366.7	1.8	388.9	637.4	760.9	136.8	108.4	2.0	103.7	144.9	234.6	482.4
<b>Alkanes</b>																			
nonane	6.4	4.1	2.4	3.3	5.1	15.5	5.4	3.0	2.4	2.3	3.8	6.2	1.6	1.4	1.5	1.3	1.9	2.2	2.3
decane	7.4	4.6	2.7	5.4	8.2	15.9	4.9	3.6	2.2	3.2	6.6	9.6	1.0	0.9	1.7	0.9	1.1	1.4	2.0
undecane	8.1	4.8	2.6	3.5	8.1	20.7	6.5	3.9	2.6	3.3	6.1	17.9	1.2	0.6	1.1	1.0	1.6	1.8	3.8
cyclohexane	23.1	10.6	2.9	8.5	18.4	43.1	30.7	9.3	3.6	7.1	16.5	52.6	4.7	4.0	1.7	3.7	4.3	7.3	16.6
<b>Aromatics</b>																			
benzene	11.6	9.8	1.7	9.6	12.1	16.1	12.0	8.2	2.0	8.1	10.9	12.0	5.2	4.5	1.8	4.4	7.9	8.5	8.6
toluene	88.4	68.6	2.0	74.1	100.7	154.2	74.2	60.4	2.6	57.0	94.5	221.1	25.6	22.5	1.7	19.9	35.1	38.1	10.5
ethylbenzene	10.2	8.0	1.9	7.4	11.1	20.8	9.1	6.0	2.4	6.3	9.3	16.9	3.3	3.0	1.6	3.3	3.8	4.6	31.4
m&p-xylene	25.1	19.8	1.9	18.1	24.1	45.0	21.5	14.2	2.4	13.2	20.8	39.2	8.0	6.6	2.1	8.0	9.2	14.2	5.1
o-xylene	7.8	6.4	1.8	5.7	8.6	12.0	7.1	4.8	2.3	4.7	7.8	10.2	3.0	2.6	1.7	2.7	3.6	5.0	7.1
styrene	3.3	2.7	1.8	2.8	3.5	4.8	3.9	2.4	2.3	2.3	3.8	5.6	1.6	1.5	1.6	1.8	2.1	2.2	4.5
naphtalene	3.0	2.4	1.9	2.2	3.1	4.9	2.8	2.2	1.9	1.9	2.5	5.7	1.0	0.9	1.6	0.9	1.4	2.2	3.8
propylbenzene	3.4	2.8	1.9	2.3	3.6	7.0	3.1	2.2	2.2	2.0	3.0	5.1	1.1	1.0	1.7	1.2	1.3	2.5	7.7
trimethylbenzenes	12.6	10.3	1.9	10.0	14.5	24.6	12.1	7.9	2.3	7.1	13.5	18.1	5.3	4.5	1.9	4.4	7.0	9.5	3.5
<b>Alcohols</b>																			
2-methyl-1-propanol	9.4	7.6	2.0	7.2	11.6	17.0	11.7	7.6	2.4	7.7	10.0	21.2		1.8	2.1	1.6	2.7	4.5	5.0
2-ethylhexanol	5.4	4.7	1.8	5.5	6.8	9.3	6.8	5.1	2.1	5.4	9.0	11.7	2.3						7.2
phenol	8.4	6.1	2.4	5.0	9.4	16.1	6.4	5.2	2.0	4.4	7.1	11.4							8.7
1-octanol																			
<b>Esters</b>																			
2-butoxyethanol	6.5	5.6	1.7	4.7	5.7	10.5	8.5	6.1	2.2	4.4	10.4	21.5							7.9
<b>Alkanals</b>																			
hexanal	10.2	8.4	1.8	8.6	10.6	15.9	10.3	8.0	2.0	7.4	10.8	19.2	2.7	2.3	1.8	2.0	3.1	4.3	16.1
benzaldehyde	11.2	9.6	1.6	8.7	11.9	14.8	9.5	7.8	1.8	6.8	8.9	17.9	4.5	4.3	1.3	4.0	5.0	6.5	13.7
octanal	8.2	5.9	2.1	5.3	8.8	11.2	4.5	3.7	1.9	3.9	5.1	7.1	2.4	2.1	1.8	2.0	2.5	3.7	10.8
<b>Halogenated</b>																			
trichloroethene	9.1	8.2	1.6	8.1	10.7	12.4	13.6	4.7	4.0	4.2	8.8	28.9	5.4	3.7	3.0	3.7	7.4	7.7	6.4
tetrachloroethene	8.1	5.9	2.3	5.1	13.2	17.7	12.3	0.4	2.5	8.7	19.0	26.1	5.7	4.3	0.1	5.3	6.3	7.6	10.0
1,1,2-trichloroethane																			
<b>Miscellaneous</b>																			
d-limonene	26.3	16.9	2.7	15.4	38.1	62.4	42.2	16.0	3.7	18.8	42.4	60.2	8.6	3.5	4.9	1.8	13.2	21.0	16.1
1-methyl-2-pyrrolidinone																			42.0
3-carene	2.9	2.4	1.9	2.0	3.1	5.8	8.0	3.4	3.4	3.1	5.7	24.5							
alpha-pinene	7.1	5.4	2.2	5.3	9.0	16.2	11.9	6.0	3.0	5.1	11.4	20.6	1.4	1.2	1.6	1.2	1.6	2.0	2.8
hexane	48.6	31.3	2.2	29.4	63.8	92.7	35.1	21.8	3.8	15.0	83.0	104.6	11.8	7.0	2.7	6.5	12.3	20.4	40.0

**Annex II Table 19/1A. PM<sub>2.5</sub> levels from personal and environmental monitoring by traffic density near the home. ATHENS**

PM<sub>2.5</sub> (µg/m<sup>3</sup>)

Traffic density near home	Personal daytime	Personal nighttime	Home inside	Home outside
	n $\bar{X}$ (SD) median	n $\bar{X}$ (SD) median	n $\bar{X}$ (SD) median	n $\bar{X}$ (SD) median
Light	14 52.81(66.08) 30.52	18 25.35(15.73) 22.20	21 36.20(25.71) 26.70	21 39.56(35.36) 26.10
Moderate	22 88.94(114.74) 37.54	16 25.03(18.39) 15.96	25 37.40(45.67) 27.81	25 32.89(18.33) 26.60
Heavy	3 40.58(5.15) 43.36	3 54.55(32.98) 38.22	4 38.36(15.31) 38.09	4 34.57(11.63) 34.29

**Table 19/2A. PM<sub>2.5</sub> levels from personal and environmental monitoring by home location. ATHENS**

PM<sub>2.5</sub> (µg/m<sup>3</sup>)

Home location	Personal daytime	Personal Nighttime	Home inside	Home outside
	n $\bar{X}$ (SD) median	n $\bar{X}$ (SD) median	n $\bar{X}$ (SD) median	n $\bar{X}$ (SD) median
Industrial				
Suburban Low rise	17 61.10(74.30) 35.11	18 20.42(12.73) 15.73	21 23.30(10.15) 23.16	21 32.35(21.02) 25.61
Suburban High rise	17 89.28(124.11) 34.64	14 29.27(16.73) 25.72	21 52.16(51.50) 33.61	21 40.31(33.84) 31.77
Downtown	5 52.28(31.30) 43.36	5 48.61(32.64) 41.81	8 33.01(12.16) 30.07	8 33.19(14.75) 26.90



**Table 19/3A. PM<sub>2.5</sub> levels from personal and environmental monitoring by work location and traffic density near work. ATHENS**

**PM<sub>2.5</sub> (µg/m<sup>3</sup>)**

<b>Traffic density near work</b>	<b>Personal Daytime</b>	<b>Workplace inside</b>
	<b>n <math>\bar{X}</math> (SD) median</b>	<b>n <math>\bar{X}</math> (SD) median</b>
<b>Light</b>	5 31.72(10.89) 25.87	7 45.04(20.58) 46.32
<b>Moderate</b>	8 91.14(94.89) 44.36	8 94.81(78.76) 65.82
<b>Heavy</b>	11 87.20(105.32) 47.05	12 124.82(101.01) 79.04
<b>Work location</b>	<b>Personal Daytime</b>	<b>Workplace inside</b>
	<b>n <math>\bar{X}</math> (SD) median</b>	<b>n <math>\bar{X}</math> (SD) median</b>
<b>Industrial</b>	3 38.70(29.23) 22.07	2 182.25(171.04) 182.26
<b>Suburban Low rise</b>	8 42.71(29.47) 35.73	7 63.56(60.86) 46.32
<b>Suburban High rise</b>	5 124.67(112.22) 52.43	6 72.99(54.98) 61.62
<b>Downtown</b>	9 95.21(117.42) 43.08	10 127.16(91.19) 87.41

Table 19/4A

Personal PM<sub>2.5</sub> exposure by different levels of  
time-activity patterns during 48 hours.  
ATHENS

## TIME SPENT IN

Level of activity	CAR	BUS	MOTORCYCLE	TRAIN/ METRO	WALKING
	n $\bar{X}$ (SD) median	n $\bar{X}$ (SD) median	n $\bar{X}$ (SD) median	n $\bar{X}$ (SD) median	n $\bar{X}$ (SD) median
Low	7 41.81(19.81) 39.96	23 41.25(25.54) 37.28	26 38.21(24.53) 29.55	28 38.59(24.65) 29.55	14 38.03(29.66) 28.84
Moderate	8 28.01(17.27) 23.44	0	4 37.16(23.30) 32.40	2 30.83(12.90) 30.83	7 45.01(19.14) 41.27
High	7 57.21(34.58) 61.52	7 27.63(14.94) 21.71			6 26.77(9.89) 22.71
Very high	8 28.12(10.67) 26.63				3 44.72(25.72) 39.96

**Table 19/5A. Personal and indoor PM<sub>2.5</sub> exposure by several smoking variables. ATHENS**

PM<sub>2.5</sub> (µg/m<sup>3</sup>)

Smoking variable	Personal	Indoor
	n $\bar{X}$ (SD) median	n $\bar{X}$ (SD) median
<b>Smoking at home</b>		
<b>Yes</b>	13 48.66(26.98) 39.96	17 48.88(53.27) 30.95
<b>No</b>	17 29.98(18.33) 24.90	33 30.84(22.35) 25.31
<b>Smoking at work</b>		
<b>Yes</b>	10 37.43(21.97) 27.85	12 113.29(98.73) 59.75
<b>No</b>	4 36.98(12.47) 36.68	9 61.16(59.74) 54.30
<b>Active smoking</b>		
<b>Yes</b>	2 67.41(7.16) 67.41	
<b>No</b>	28 35.98(23.40) 28.84	
<b>Time(hours) exposed to ETS</b>		
<b>0</b>	12 30.24(18.68) 23.66	
<b>up to 2 hours</b>	7 33.12(19.63) 21.71	
<b>More than 2 hours</b>	11 49.77(28.49) 37.45	

**Table 19/6A. Personal 48 hour PM<sub>2.5</sub> exposure by variables characterising home conditions. ATHENS**

**Personal PM<sub>2.5</sub> (µg/m<sup>3</sup>)**

	<b>n</b>	$\bar{X}$	<b>SD</b>	<b>median</b>
<b>Gas appliances</b>				
<b>No</b>	27	37.47	24.78	29.35
<b>Yes</b>	3	43.52	17.64	40.86
<b>Air conditioning</b>				
<b>No</b>	7	41.98	38.20	22.38
<b>Up to 2h</b>	11	30.68	18.57	20.51
<b>More than 2h</b>	11	43.74	18.29	37.44
<b>Windows open</b>				
<b>Up to 1h</b>	6	38.19	22.23	32.89
<b>1-7h</b>	9	47.02	34.03	41.27
<b>More than 7h</b>	14	32.87	17.04	26.15

**Table 19/7A Personal 48 hour PM<sub>2.5</sub> exposure by outdoor Black smoke levels at a fixed site Urban monitor in Athens. ATHENS**

**Personal PM<sub>2.5</sub> (µg/m<sup>3</sup>)**

	<b>n</b>	$\bar{X}$	<b>SD</b>	<b>median</b>
<b>Ambient levels of BS (µg/m<sup>3</sup>)</b>				
<b>1-28.8</b>	4	26.75	18.04	22.33
<b>28.9-34.3</b>	6	38.17	25.68	25.87
<b>34.4-41.4</b>	5	26.32	10.43	21.71
<b>41.5-60</b>	5	38.72	20.77	33.41
<b>60+</b>	4	40.21	15.34	35.50

Table 19/8A

**Determinants of day-time PM<sub>2.5</sub> exposure: results of multiple regression models with log-transformed dependent variables.**

**ATHENS**

**Model 1. (R<sup>2</sup>=0.34)**

<b>Independent variable</b>	<b>Regression coefficient</b>	<b>Standard error</b>	<b>P-value</b>
<b>Black smoke (fixed site)</b>	0.0066	0.017	0.706
<b>Home indoor PM<sub>2.5</sub>.</b>	0.0015	0.015	0.924
<b>Work (yes/no)</b>	-0.231	1.046	0.828
<b>Work indoor PM<sub>2.5</sub>.</b>	0.0013	0.004	0.737
<b>Traffic near home</b>	0.526	0.339	0.139
<b>Traffic near work</b>	0.382	0.383	0.333
<b>Smoking at home</b>	0.536	0.479	0.279
<b>Smoking at work</b>	-0.269	0.567	0.642
	<b>Model 2. (R<sup>2</sup>=0.25)</b>		
<b>Black smoke (fixed site)</b>	0.0071	0.015	0.632
<b>Home indoor PM<sub>2.5</sub>.</b>	-0.00061	0.012	0.959
<b>Work (yes/no)</b>	-0.534	0.772	0.496
<b>Work indoor PM<sub>2.5</sub></b>	0.0018	0.003	0.564
<b>Traffic near home</b>	0.304	0.318	0.350
<b>Traffic near work</b>	0.317	0.309	0.316
<b>Length of exposure to active smoking</b>	0.0062	0.018	0.739
<b>Length of exposure to passive smoking</b>	0.0005	0.001	0.514



Table 19/9A

**Determinants of nighttime PM<sub>2.5</sub> exposure: results of multiple regression models with log-transformed dependent variables.  
ATHENS**

**Model 1. (R<sup>2</sup>=0.50)**

<b>Independent variable</b>	<b>Regression Coefficient</b>	<b>Standard Error</b>	<b>P-value</b>
<b>Black smoke (fixed)</b>	0.015	0.007	0.049
<b>Home location</b>	0.411	0.121	0.002
<b>Length of exposure to active smoking</b>	-0.0001	0.002	0.961
<b>Length of exposure to passive smoking</b>	0.0004	0.0000	0.176
	<b>Model 2. (R<sup>2</sup>=0.21)</b>		
<b>Black smoke (fixed site)</b>	0.016	0.007	0.030
<b>Home location</b>	0.351	0.123	0.009
<b>Home indoor PM<sub>2.5</sub></b>	0.008	0.005	0.116
<b>Length of exposure to active smoking</b>	0.0004	0.002	0.861
<b>Length of exposure to passive smoking</b>	0.0004	0.000	0.145

**Table 19/1B. PM<sub>2.5</sub> levels from personal and environmental monitoring by traffic density near the home. BASEL**

PM<sub>2.5</sub> (µg/m<sup>3</sup>)

Traffic density near home	Personal daytime	Personal nighttime	Home inside	Home outside
	n X̄ (SD) median	n X̄ (SD) median	n X̄ (SD) median	n X̄ (SD) median
<b>Light</b>	26 18.12(10.89) 15.37	26 22.07(25.78) 13.23	25 23.45(26.40) 16.33	25 18.87(9.32) 17.81
<b>Moderate</b>	14 19.98(20.26) 9.25	12 33.27(26.55) 20.88	14 18.06(8.67) 15.53	13 21.63(16.42) 16.55
<b>Heavy</b>	9 47.10(70.31) 25.62	9 60.00(99.95) 16.54	9 41.27(41.24) 19.13	9 16.86(13.31) 11.24

**Table 19/2B. PM<sub>2.5</sub> levels from personal and environmental monitoring by home location. BASEL**

PM<sub>2.5</sub> (µg/m<sup>3</sup>)

Home location	Personal daytime	Personal nighttime	Home inside	Home outside
	n X̄ (SD) median	n X̄ (SD) median	n X̄ (SD) median	n X̄ (SD) median
<b>Industrial</b>	2 23.87(10.50) 23.87	2 20.65(5.81) 20.65	2 15.76(4.77) 15.76	2 20.66(13.32) 20.66
<b>Suburban Low rise</b>	20 16.01(7.67) 15.30	19 25.18(30.52) 12.24	19 24.10(30.25) 13.38	19 16.99(6.15) 17.51
<b>Suburban High rise</b>	12 42.21(61.35) 21.92	12 40.66(86.64) 15.22	11 23.52(22.08) 16.79	11 22.55(15.34) 19.17
<b>Downtown</b>	15 20.02(10.08) 16.67	14 36.11(26.06) 22.74	16 28.91(28.98) 17.24	15 19.50(15.66) 15.45

**Table 19/3B. PM<sub>2.5</sub> levels from personal and environmental monitoring by work location and traffic density near work. BASEL**

**PM<sub>2.5</sub> (µg/m<sup>3</sup>)**

<b>Traffic density near work</b>	<b>Personal daytime</b>	<b>Workplace inside</b>
	<b>n</b> <b><math>\bar{X}</math> (SD)</b> <b>median</b>	<b>n</b> <b><math>\bar{X}</math> (SD)</b> <b>median</b>
<b>Light</b>	10 21.60(12.89) 16.40	10 23.38(18.03) 19.23
<b>Moderate</b>	9 13.30(6.82) 14.32	7 15.01(17.66) 6.84
<b>Heavy</b>	17 34.97(52.02) 20.46	13 43.36(60.29) 22.33
<b>Work location</b>	<b>Personal daytime</b>	<b>Workplace inside</b>
	<b>n</b> <b><math>\bar{X}</math> (SD)</b> <b>median</b>	<b>n</b> <b><math>\bar{X}</math> (SD)</b> <b>median</b>
<b>Industrial</b>	3 22.54(9.12) 20.94	2 40.52(13.65) 40.52
<b>Suburban Low rise</b>	9 18.04(13.96) 15.04	6 20.10(23.04) 14.60
<b>Suburban High rise</b>	7 28.89(11.50) 30.21	5 38.98(25.69) 46.51
<b>Downtown</b>	17 29.30(52.97) 17.22	17 29.77(53.64) 16.55

**Table 19/4B**

**Personal PM<sub>2.5</sub> exposure ( $\mu\text{g}/\text{m}^3$ ) by different levels of time-activity patterns during 48 hours  
BASEL**

**TIME SPENT IN**

<b>Level of activity</b>	<b>CAR</b>	<b>BUS</b>	<b>MOTORCYCL E</b>	<b>TRAIN/ METRO</b>	<b>WALKING</b>
	<b>n</b> $\bar{X}$ (SD) median	<b>n</b> $\bar{X}$ (SD) median	<b>n</b> $\bar{X}$ (SD) median	<b>n</b> $\bar{X}$ (SD) median	<b>n</b> $\bar{X}$ (SD) median
<b>Low</b>	21 19.56(15.11) 16.49	29 33.03(48.95) 18.71	42 27.34(41.26) 17.88	43 29.58(41.12) 18.71	4 19.88(7.84) 21.50
<b>Moderate</b>	19 38.39(58.76) 22.52	11 21.54(15.17) 17.85	5 35.88(21.15) 28.55	4 13.89(2.13) 14.31	11 45.65(76.75) 20.99
<b>High</b>	5 21.67(8.28) 25.85	7 18.98(11.38) 14.95			21 20.85(12.46) 17.17
<b>Very high</b>	2 39.60(30.21) 39.60				11 28.01(22.29) 19.28

**Table 19/5B. Personal and indoor PM<sub>2.5</sub> exposure by several smoking variables. BASEL**

**PM<sub>2.5</sub> (µg/m<sup>3</sup>)**

<b>Smoking variable</b>	<b>Personal</b>	<b>Indoor</b>
	<b>n</b> <b><math>\bar{X}</math> (SD)</b> <b>median</b>	<b>n</b> <b><math>\bar{X}</math> (SD)</b> <b>median</b>
<b>Smoking at home</b>		
<b>Yes</b>	11 33.20(21.77) 28.50	11 48.86(44.24) 29.45
<b>No</b>	35 27.02(44.30) 17.85	36 18.17(14.01) 14.16
<b>Smoking at work</b>		
<b>Yes</b>	5 71.30(113.44) 22.52	4 75.43(105.07) 27.28
<b>No</b>	42 23.12(15.68) 18.07	34 21.88(18.11) 16.81
<b>Active smoking</b>		
<b>Yes</b>	7 72.08(91.98) 36.85	
<b>No</b>	40 20.57(11.72) 17.51	
<b>Time(hours) exposed to ETS</b>		
<b>0</b>	24 27.70(53.49) 16.20	
<b>up to 2 hours</b>	15 24.08(15.15) 22.52	
<b>More than 2 hours</b>	8 37.69(16.62) 37.66	

**Table 19/6B. Personal 48 hour PM<sub>2.5</sub> exposure by variables characterising home conditions. BASEL**

**Personal PM<sub>2.5</sub> (µg/m<sup>3</sup>)**

	<b>n</b>	$\bar{X}$	<b>SD</b>	<b>median</b>
<b>Gas appliances</b>				
<b>No</b>	32	28.64	46.04	19.00
<b>Yes</b>	14	28.06	21.66	17.88
<b>Air conditioning</b>				
<b>No</b>	28	30.29	48.95	18.26
<b>Up to 2h</b>	13	21.95	17.48	16.48
<b>More than 2h</b>	6	32.36	23.75	31.31
<b>Windows open</b>				
<b>Up to 1h</b>	6	18.17	9.45	16.50
<b>1-7h</b>	10	25.16	20.96	16.49
<b>More than 7h</b>	31	31.19	47.10	18.28

**Table 19/7B Personal 48 hour PM<sub>2.5</sub> exposure by outdoor Black smoke levels at a fixed site Urban monitor. BASEL**

**Personal PM<sub>2.5</sub> (µg/m<sup>3</sup>)**

	<b>n</b>	$\bar{X}$	<b>SD</b>	<b>median</b>
<b>Ambient levels of PM<sub>10</sub> (µg/m<sup>3</sup>)</b>				
<b>-15.36</b>	9	33.69	25.46	25.85
<b>15.36-19.69</b>	10	21.97	8.98	19.44
<b>19.69-25.14</b>	10	16.89	9.19	15.25
<b>25.14-31.05</b>	8	17.40	5.05	17.16
<b>31.05+</b>	10	49.66	80.00	22.40



Table 19/8B

**Determinants of day-time PM<sub>2.5</sub> exposure: results of multiple regression models with log-transformed dependent variables. BASEL**

**Model 1. (R<sup>2</sup>=0.64)**

<b>Independent variable</b>	<b>Regression coefficient</b>	<b>Standard error</b>	<b>P-value</b>
<b>PM<sub>10</sub> (fixed site)</b>	0.011	0.006	0.064
<b>Home indoor PM<sub>2.5</sub></b>	0.0042	0.003	0.199
<b>Work (yes/no)</b>	-0.089	0.264	0.738
<b>Work indoor PM<sub>2.5</sub></b>	0.011	0.002	0.000
<b>Traffic near home</b>	0.153	0.097	0.122
<b>Traffic near work</b>	-0.043	0.099	0.667
<b>Smoking at home</b>	-0.59	0.197	0.767
<b>Smoking at work</b>	0.124	0.272	0.651
	<b>Model 2. (R<sup>2</sup>=0.64)</b>		
<b>PM<sub>10</sub> (fixed site)</b>	0.010	0.006	0.075
<b>Home indoor PM<sub>2.5</sub></b>	0.0027	0.003	0.360
<b>Work (yes/no)</b>	-0.127	0.272	0.644
<b>Work indoor PM<sub>2.5</sub></b>	0.011	0.003	0.000
<b>Traffic near home</b>	0.122	0.090	0.183
<b>Traffic near work</b>	-0.014	0.105	0.898
<b>Length of exposure to active smoking</b>	0.00015	0.001	0.772
<b>Length of exposure to passive smoking</b>	0.00072	0.001	0.401

**Table 19/9B**

**Determinants of nighttime PM<sub>2.5</sub> exposure: results of multiple regression models with log-transformed dependent variables.  
BASEL**

**Model 1. (R<sup>2</sup>=0.34)**

<b>Independent variable</b>	<b>Regression Coefficient</b>	<b>Standard Error</b>	<b>P-value</b>
<b>PM 10(fixed)</b>	0.0073	0.008	0.367
<b>Home location</b>	0.200	0.085	0.024
<b>Length of exposure to active smoking</b>	0.937	0.311	0.004
<b>Length of exposure to passive smoking</b>	0.196	0.150	0.024
	<b>Model 2. (R<sup>2</sup>=0.53)</b>		
<b>PM10 (fixed site)</b>	0.0075	0.008	0.341
<b>Home location</b>	0.153	0.079	0.059
<b>Home indoor PM<sub>2.5</sub></b>	0.015	0.004	0.001
<b>Length of exposure to active smoking</b>	0.438	0.321	0.180
<b>Length of exposure to passive smoking</b>	0.127	0.134	0.349

**Table 19/1H PM<sub>2.5</sub> levels from personal and environmental monitoring by traffic density near the home. HELSINKI**

PM<sub>2.5</sub> (µg/m<sup>3</sup>)

Traffic density near home	Personal daytime	Personal nighttime	Home inside	Home outside
	n X̄ (SD) median	n X̄ (SD) median	n X̄ (SD) median	n X̄ (SD) median
<b>Light</b>	96 17.88(28.68) 9.98	96 12.04(17.11) 7.58	94 11.87(15.45) 7.83	87 10.64(7.29) 8.22
<b>Moderate</b>	61 21.29(38.08) 10.83	62 11.07(10.43) 7.45	62 10.65(14.04) 6.77	54 8.39(5.69) 6.27
<b>Heavy</b>	37 15.95(14.59) 10.58	38 15.41(14.71) 8.97	38 17.20(20.31) 10.26	28 9.10(5.97) 7.31

**Table 19/2H PM<sub>2.5</sub> levels from personal and environmental monitoring by home location. HELSINKI**

PM<sub>2.5</sub> (µg/m<sup>3</sup>)

Home location	Personal daytime	Personal night time	Home inside	Home outside
	n X̄ (SD) median	n X̄ (SD) median	n X̄ (SD) median	n X̄ (SD) median
<b>Industrial</b>	4 5.64(1.48) 5.96	4 8.31(4.00) 8.42	4 11.84(6.89) 10.89	2 9.24(1.86) 9.24
<b>Suburban Low rise</b>	72 19.24 (37.60) 9.72	72 10.96 (17.08) 6.88	70 12.06 (18.44) 7.22	67 9.43 (5.69) 7.93
<b>Suburban high rise</b>	77 18.56(28.41) 11.73	78 11.31(12.23) 7.55	77 9.14(6.82) 7.10	70 9.15(7.08) 6.69
<b>Downtown</b>	41 18.72(16.69) 14.60	42 17.21(15.11) 11.82	43 19.42(22.09) 11.94	30 11.42(7.70) 7.61

**Table 19/3H** **PM<sub>2.5</sub> levels from personal and environmental monitoring by traffic density near work.**  
**HELSINKI**

**PM<sub>2.5</sub> (µg/m<sup>3</sup>)**

<b>Traffic density near work</b>	<b>Personal daytime</b>	<b>Workplace inside</b>
	<b>n</b> <b><math>\bar{X}</math> (SD)</b> <b>median</b>	<b>n</b> <b><math>\bar{X}</math> (SD)</b> <b>median</b>
<b>Light</b>	25 14.94(16.52) 8.89	22 10.12(9.10) 6.43
<b>Moderate</b>	60 17.55(30.81) 9.91	49 21.41(48.11) 6.87
<b>Heavy</b>	69 16.35(20.83) 11.03	59 10.87(13.10) 6.51

**Table 19/4H** **Personal PM<sub>2.5</sub> exposure (µg/m<sup>3</sup>) by different levels of time-activity patterns during 48 hours**  
**HELSINKI**

**TIME SPENT IN**

<b>Level of activity</b>	<b>CAR</b>	<b>BUS</b>	<b>MOTORCYCL E</b>	<b>TRAIN/ METRO</b>	<b>WALKING</b>
	<b>n</b> <b><math>\bar{X}</math> (SD)</b> <b>median</b>	<b>n</b> <b><math>\bar{X}</math> (SD)</b> <b>median</b>	<b>n</b> <b><math>\bar{X}</math> (SD)</b> <b>median</b>	<b>n</b> <b><math>\bar{X}</math> (SD)</b> <b>median</b>	<b>n</b> <b><math>\bar{X}</math> (SD)</b> <b>median</b>
<b>Low</b>	63 15.69(12.75) 10.45	122 16.10(21.68) 9.10	187 15.28(18.67) 9.86	165 15.49(19.29) 9.86	63 17.52(27.50) 10.31
<b>Moderate</b>	71 16.42(25.02) 9.14	22 19.76(10.27) 7.79	5 11.92(10.27) 6.46	27 13.39(12.65) 8.63	26 13.22(10.96) 8.28
<b>High</b>	39 14.06(16.49) 8.31	48 14.46(11.16) 10.70			81 14.56(112.49) 9.86
<b>Very high</b>	19 11.281(5.73) 10.71				22 13.15(10.55) 10.06

Table 19/5H

Personal and indoor PM<sub>2.5</sub> exposure by several  
smoking variables.  
HELSINKI

PM<sub>2.5</sub> (µg/m<sup>3</sup>)

Smoking variable	Personal	Indoor
	n $\bar{X}$ (SD) median	n $\bar{X}$ (SD) median
<b>Smoking at home</b>		
Yes	16 46.09(43.06) 40.15	17 46.96(36.50) 30.27
No	178 12.36(10.84) 8.86	177 9.22(6.57) 7.24
<b>Smoking at work</b>		
Yes	12 25.75(16.41) 24.30	11 46.03(53.59) 39.91
No	181 14.48(18.39) 9.31	139 13.35(32.04) 6.59
<b>Active smoking</b>		
Yes	38 33.58(33.31) 22.58	
No	154 10.65(7.32) 8.42	
<b>Time(hours) exposed to ETS</b>		
0	145 11.12(9.07) 7.79	
up to 2 hours	27 23.44(27.23) 17.03	
More than 2 hours	20 33.59(34.90) 25.11	

**Table 19/6H**

**Personal 48 hour PM<sub>2.5</sub> exposure by variables characterising home conditions.**

**HELSINKI**

**Personal PM<sub>2.5</sub> (µg/m<sup>3</sup>)**

	<b>n</b>	$\bar{X}$	<b>SD</b>	<b>median</b>
<b>Gas appliances</b>				
<b>No</b>	131	15.59	19.65	10.31
<b>Yes</b>	9	14.37	11.73	10.77
<b>Air conditioning</b>				
<b>No</b>	93	16.90	21.39	10.77
<b>Up to 2h</b>	39	12.88	11.15	8.49
<b>More than 2h</b>	49	14.37	18.88	8.84
<b>Windows open</b>				
<b>Up to 1h</b>	60	12.01	10.75	8.60
<b>1-7h</b>	37	15.92	22.02	7.54
<b>More than 7h</b>	89	17.36	21.23	11.85

**Table 19/7H**

**Personal 48 hour PM<sub>2.5</sub> exposure by outdoor Black smoke levels at a fixed site Urban monitor.**

**HELSINKI**

**Personal PM<sub>2.5</sub> (µg/m<sup>3</sup>)**

	<b>n</b>	$\bar{X}$	<b>SD</b>	<b>median</b>
<b>Ambient levels of PM<sub>10</sub> (µg/m<sup>3</sup>)</b>				
<b>1-10.41</b>	35	10.71	12.93	6.17
<b>10.42-13.92</b>	33	17.36	29.58	8.31
<b>13.93-20.51</b>	36	18.05	25.13	8.71
<b>20.52-28.85</b>	34	12.91	6.93	10.70
<b>28.86+</b>	33	15.71	9.35	12.86



Table 19/8H

**Determinants of day-time PM<sub>2.5</sub> exposure: results of multiple regression models with log-transformed dependent variables. HELSINKI**

**Model 1. (R<sup>2</sup>=0.45)**

<b>Independent variable</b>	<b>Regression coefficient</b>	<b>Standard error</b>	<b>P-value</b>
<b>PM<sub>10</sub>(fixed site)</b>	0.0043	0.005	0.351
<b>Home indoor PM<sub>2.5</sub>.</b>	0.028	0.005	<10 <sup>-3</sup>
<b>Work (yes/no)</b>	-0.559	0.224	0.14
<b>Work indoor PM<sub>2.5</sub>.</b>	0.011	0.002	40 <sup>-3</sup>
<b>Traffic near home</b>	-0.067	0.071	0.350
<b>Traffic near work</b>	0.064	0.082	0.438
<b>Smoking at home</b>	-0.339	0.273	0.216
<b>Smoking at work</b>	0.683	0.227	0.003
	<b>Model 2. (R<sup>2</sup>=0.46)</b>		
<b>PM<sub>10</sub>(fixed site)</b>	0.0070	0.005	0.142
<b>Home indoor PM<sub>2.5</sub>.</b>	0.019	0.005	<10 <sup>-3</sup>
<b>Work (yes/no)</b>	-0.555	0.224	0.014
<b>Work indoor PM<sub>2.5</sub>.</b>	0.094	0.002	<10 <sup>-3</sup>
<b>Traffic near home</b>	-0.054	0.072	0.457
<b>Traffic near work</b>	0.096	0.081	0.237
<b>Length of exposure to active smoking</b>	0.0011	0.000	0.018
<b>Length of exposure to passive smoking</b>	0.00076	0.001	0.138

**Table 19/9H**

**Determinants of nighttime PM<sub>2.5</sub> exposure: results of multiple regression models with log-transformed dependent variables.  
HELSINKI**

**Model 1. (R<sup>2</sup>=0.32)**

<b>Independent variable</b>	<b>Regression Coefficient</b>	<b>Standard Error</b>	<b>P-value</b>
<b>PM 10(fixed)</b>	0.0017	0.004	<10 <sup>-3</sup>
<b>Home location</b>	0.152	0.046	0.001
<b>Length of exposure to active smoking</b>	0.002	0.000	<10 <sup>-3</sup>
<b>Length of exposure to passive smoking</b>	0.0001	0.000	0.78
	<b>Model 2. (R<sup>2</sup>=0.64)</b>		
<b>PM10 (fixed site)</b>	0.011	0.003	<10 <sup>-3</sup>
<b>Home location</b>	0.064	0.034	0.06
<b>Home indoor PM<sub>2.5</sub>.</b>	0.036	0.003	<10 <sup>-3</sup>
<b>Length of exposure to active smoking</b>	0.001	0.000	<10 <sup>-3</sup>
<b>Length of exposure to passive smoking</b>	0.0005	0.000	0.159

