

**Online supplementary data:**

**Smoking and lung function among adults with newly-onset asthma**

Short title: Smoking and lung function in adults with asthma

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**Online Supplementary Table 1.** Smoking and Post-bronchodilator FEV<sub>1</sub>, FVC, and FEV<sub>1</sub>/FVC in Working-age Adults with Newly Diagnosed Asthma, The Finnish Environment and Asthma Study 1997–2000

Smoking	FEV <sub>1</sub> (L)		FVC (L)		FEV <sub>1</sub> /FVC	
	β	95% CI	β	95% CI	β	95% CI
<b>All</b> <sup>a</sup>	n = 389 <sup>b</sup>		n = 388 <sup>c</sup>		n = 388 <sup>d</sup>	
Never	reference		reference		reference	
Quit >1 year ago	0.004	-0.168 to 0.179	0.049	-0.124 to 0.222	-0.016	-0.043 to 0.011
Quit <1 year ago	<b>-0.273</b>	<b>-0.535 to -0.011</b>	-0.156	-0.418 to 0.107	<b>-0.041</b>	<b>-0.082 to -0.0001</b>
Occasional	-0.089	-0.360 to 0.182	-0.074	-0.345 to 0.198	-0.012	-0.054 to 0.030
Regular	<b>-0.160</b>	<b>-0.314 to -0.006</b>	0.053	-0.102 to 0.207	<b>-0.058</b>	<b>-0.082 to -0.034</b>
<b>Men</b> <sup>e</sup>	n = 137 <sup>b</sup>		n = 136 <sup>c</sup>		n = 136 <sup>d</sup>	
Never	reference		reference		reference	
Quit >1 year ago	0.027	-0.341 to 0.396	-0.095	-0.427 to 0.237	0.010	-0.044 to 0.064
Quit <1 year ago	-0.427	-0.946 to 0.093	-0.314	-0.776 to 0.148	-0.051	-0.126 to 0.025
Occasional	-0.095	-0.705 to 0.515	-0.101	-0.644 to 0.442	-0.014	-0.103 to 0.074
Regular	-0.182	-0.542 to 0.178	0.018	-0.303 to 0.339	<b>-0.061</b>	<b>-0.113 to -0.009</b>
<b>Women</b> <sup>e</sup>	n = 252 <sup>b</sup>		n = 252 <sup>c</sup>		n = 252 <sup>d</sup>	
Never	reference		reference		reference	
Quit >1 year ago	-0.004	-0.180 to 0.173	0.175	-0.031 to 0.382	<b>-0.036</b>	<b>-0.067 to -0.005</b>
Quit <1 year ago	-0.187	-0.461 to 0.087	-0.095	-0.415 to 0.225	-0.029	-0.076 to 0.019
Occasional	-0.059	-0.323 to 0.205	-0.027	-0.336 to 0.282	-0.014	-0.060 to 0.032
Regular	-0.120	-0.269 to 0.029	0.057	-0.117 to 0.231	<b>-0.050</b>	<b>-0.076 to -0.024</b>

<sup>a</sup> Adjusted for sex, age, height, education, past 12 months SHS, lifetime cumulative SHS, and mold odor

<sup>b</sup> Post-bronchodilator FEV<sub>1</sub> is available for 391 participants (138 men and 253 women), of whom smoking status missing for 2 (1 man and 1 woman)

<sup>c</sup> Post-bronchodilator FVC is available for 390 participants (137 men and 253 women) of whom smoking status missing for 2 (1 man and 1 woman)

<sup>d</sup> Post-bronchodilator FEV<sub>1</sub>/FVC is available for 390 participants (137 men and 253 women) of whom smoking status missing for 2 (1 man and 1 woman)

<sup>e</sup> Adjusted for age, height, education, past 12 months SHS, lifetime cumulative SHS, and mold odor

**Online Supplementary Table 2.** Daily Smoking Rates and Cumulative Cigarette-years in Regular Smokers and Post-bronchodilator Lung Function of Central Airways (FEV<sub>1</sub>, FVC, and FEV<sub>1</sub>/FVC) in Asthmatics, The Finnish Environment and Asthma Study 1997–2000

	FEV <sub>1</sub> (L)		FVC (L)		FEV <sub>1</sub> /FVC	
	β	95% CI	β	95% CI	β	95% CI
<b>All<sup>a</sup></b>						
<i>Smoking rate</i>	n=275 <sup>b, c</sup>		n=275 <sup>b, c</sup>		n=275 <sup>b, c</sup>	
Never smoker	reference		reference		reference	
Regular smoker 1-14 cig/day	-0.004	-0.194 to 0.187	0.032	-0.163 to 0.228	-0.015	-0.044 to 0.014
Regular smoker ≥15 cig/day	<b>-0.359</b>	<b>-0.561 to -0.157</b>	0.013	-0.194 to 0.221	<b>-0.102</b>	<b>-0.133 to -0.072</b>
per 10 cig/day	<b>-0.159</b>	<b>-0.253 to -0.066</b>	0.004	-0.091 to 0.100	<b>-0.045</b>	<b>-0.060 to -0.031</b>
<i>Cumulative smoking</i>	n=273 <sup>b, d</sup>		n=273 <sup>b, d</sup>		n=273 <sup>b, d</sup>	
Regular smoker 1-199 cig years	0.051	-0.177 to 0.280	0.075	-0.157 to 0.307	-0.012	-0.047 to 0.024
Regular smoker ≥200 cig years	<b>-0.308</b>	<b>-0.495 to -0.122</b>	0.007	-0.197 to 0.183	<b>-0.084</b>	<b>-0.113 to -0.055</b>
per 100 cig years	<b>-0.071</b>	<b>-0.102 to -0.040</b>	-0.009	-0.041 to 0.023	<b>-0.017</b>	<b>-0.022 to -0.013</b>
<b>Men<sup>e</sup></b>						
<i>Smoking rate</i>	n=83 <sup>b</sup>		n=83 <sup>b</sup>		n=83 <sup>b</sup>	
Never smoker	reference		reference		reference	
Regular smoker 1-14 cig/day	0.160	-0.328 to 0.648	0.037	-0.392 to 0.465	0.016	-0.056 to 0.088
Regular smoker ≥15 cig/day	-0.374	-0.804 to 0.057	0.043	-0.329 to 0.415	<b>-0.107</b>	<b>-0.170 to -0.043</b>
per 10 cig/day	-0.124	-0.317 to 0.069	0.028	-0.138 to 0.193	<b>-0.038</b>	<b>-0.068 to -0.009</b>
<i>Cumulative smoking</i>	n=83 <sup>b</sup>		n=83 <sup>b</sup>		n=83 <sup>b</sup>	
Regular smoker 1-199 cig years	0.195	-0.379 to 0.770	0.108	-0.391 to 0.607	0.0010	-0.087 to 0.089
Regular smoker ≥200 cig years	-0.314	-0.736 to 0.109	-0.008	-0.375 to 0.359	<b>-0.083</b>	<b>-0.147 to -0.018</b>
per 100 cig years	-0.057	-0.118 to 0.004	0.002	-0.051 to 0.055	<b>-0.015</b>	<b>-0.024 to -0.006</b>
<b>Women<sup>e</sup></b>						
<i>Smoking rate</i>	n=192 <sup>b, c</sup>		n=192 <sup>b, c</sup>		n=192 <sup>b, c</sup>	
Never smoker	reference		reference		reference	
Regular smoker 1-14 cig/day	-0.083	-0.273 to 0.107	0.022	-0.201 to 0.245	-0.028	-0.059 to 0.002
Regular smoker ≥15 cig/day	-0.211	-0.449 to 0.027	0.082	-0.198 to 0.361	<b>-0.086</b>	<b>-0.124 to -0.048</b>
per 10 cig/day	<b>-0.128</b>	<b>-0.241 to -0.016</b>	0.021	-0.112 to 0.154	<b>-0.046</b>	<b>-0.064 to -0.028</b>
<i>Cumulative smoking</i>	n=190 <sup>b, d</sup>		n=190 <sup>b, d</sup>		n=190 <sup>b, d</sup>	

Regular smoker 1-199 cig years	-0.026	-0.251 to 0.199	0.050	-0.212 to 0.312	-0.019	-0.054 to 0.017
Regular smoker ≥200 cig years	<b>-0.211</b>	<b>-0.414 to -0.009</b>	0.055	-0.181 to 0.291	<b>-0.078</b>	<b>-0.110 to -0.045</b>
per 100 cig years	<b>-0.058</b>	<b>-0.100 to -0.016</b>	0.002	-0.047 to 0.052	<b>-0.019</b>	<b>-0.026 to -0.013</b>

<sup>a</sup> Adjusted for sex, age, height, education, past 12 months SHS, lifetime cumulative SHS, and mold odor

<sup>b</sup> FEV<sub>1</sub>, FVC, and FEV<sub>1</sub>/FVC are available for 276 regularly smoking or never smoking participants (83 men and 193 women)

<sup>c</sup> Smoking rate is missing for 1 women for daily smoking

<sup>d</sup> Cigarette years is missing for 3 women

<sup>e</sup> Adjusted for age, height, education, past 12 months SHS, lifetime cumulative SHS, and mold odor