

**Supplementary table 1. Study population (number) enrolled from medical records and patient interviews by country, sex and age**

	Number of patients		
	Identified	Interviewed	% Interviewed
<b>Country</b>			
Belgium	1229	343	27.9%
Bosnia & Herzegovina	378	316	83.6%
Bulgaria	361	120	33.2%
Croatia	748	467	62.4%
Cyprus	156	90	57.7%
Czech Republic	652	490	75.2%
Finland	2404	464	19.3%
France	748	377	50.4%
Germany	1380	536	38.8%
Greece	94	51	54.3%
Ireland	365	201	55.1%
Latvia	463	294	63.5%
Lithuania	683	499	73.1%
Netherlands	762	498	65.4%
Poland	591	377	63.8%
Romania	766	522	68.1%
Russian Federation	746	424	56.8%

Serbia	452	391	86.5%
Slovenia	407	245	60.2%
Spain	503	173	34.4%
Sweden	562	359	63.9%
Turkey	446	239	53.6%
Ukraine	631	274	43.4%
United Kingdom	899	248	27.6%
<b>Sex</b>			
Men	12068	6050	50.1%
Women	4358	1948	44.7%
<b>Age at index event</b>			
< 60 yrs	5902	3043	51.6%
≥ 60 yrs	10524	4955	47.1%
<b>All</b>	16426	7998	48.7%

**Supplementary table 2. Prevalence (%) of coronary heart disease risk factors at interview, by country, sex and age**

	Current smoking <sup>1</sup> (%)	Persistent smoking <sup>2</sup> (%)	Overweight (%) <sup>3</sup>	Obesity (%) <sup>4</sup>	Abdominal overweight (%) <sup>5</sup>	Central obesity (%) <sup>6</sup>	BP ≥130/80 mmHg (%)	BP ≥140/90 mmHg (≥140/80 mmHg in diabetes) (%)	LDL-C ≥ 2.5 mmol/L (%)	LDL-C ≥ 2.0 mmol/L (%)	LDL-C ≥ 1.8 mmol/L (%)	Self-reported diabetes (%)
<b>By country</b>												
Belgium	8.2	38.8	79.6	30.3	71.8	47.9	61.2	43.4	33.0	73.6	85.5	23.0
Bosnia Herzegovina	17.4	33.8	81.4	26.6	78.5	46.9	89.5	55.7	58.2	82.8	88.5	21.2
Bulgaria	19.2	60.0	84.2	43.3	78.3	56.7	58.3	35.8	64.6	85.0	92.9	30.8
Croatia	17.6	55.0	83.5	37.1	84.8	58.1	72.7	50.6	42.9	66.4	79.0	26.3
Cyprus	27.8	47.1	85.4	41.6	91.0	73.0	82.2	52.2	38.2	72.1	79.4	34.8
Czech Republic	17.6	51.9	85.5	41.9	90.0	69.1	75.3	48.8	39.0	65.3	77.4	36.2
Finland	7.5	53.4	78.9	37.7	86.0	62.1	57.8	34.1	20.4	48.8	67.4	24.6
France	25.2	70.7	75.5	36.0	73.3	54.2	67.1	43.2	32.1	60.3	73.8	32.1
Germany	11.9	52.0	85.3	36.7	84.7	62.9	70.1	46.7	52.7	78.0	89.3	25.4
Greece	19.6	52.6	80.4	33.3	83.0	59.6	52.9	29.4	44.4	66.7	84.4	41.2
Ireland	16.9	50.0	87.5	38.5	77.6	55.2	48.8	24.9	26.9	53.4	65.8	15.1
Latvia	12.2	48.0	84.2	40.2	78.7	52.6	81.4	40.9	34.0	57.4	70.6	20.5
Lithuania	18.0	52.4	83.4	44.9	83.9	61.4	76.7	57.8	65.8	88.7	95.9	18.6
Netherlands	16.3	50.0	76.9	29.4	77.7	52.7	76.4	52.9	40.1	70.2	79.2	20.0

Poland	20.4	51.8	81.0	37.2	77.4	48.3	73.0	50.0	39.4	65.3	78.9	31.4
Romania	11.1	29.7	84.3	46.0	90.8	72.0	47.5	28.2	38.0	65.3	79.8	32.8
Russian Federation	22.6	64.5	93.1	50.8	85.6	63.0	49.1	25.4	59.7	80.0	87.4	20.1
Serbia	18.2	37.6	76.2	25.8	78.3	54.7	62.7	34.8	54.8	80.2	88.5	26.1
Slovenia	9.8	44.4	87.7	49.4	91.5	71.5	73.4	44.7	25.3	54.1	69.1	36.9
Spain	11.6	26.8	79.7	31.4	83.7	50.6	66.3	40.7	19.4	45.9	59.4	32.9
Sweden	13.9	50.0	76.0	26.7	81.2	55.5	62.1	37.6	34.1	69.1	81.3	28.2
Turkey	25.5	53.0	80.9	40.7	80.0	48.3	67.2	41.2	53.7	83.8	91.7	36.2
Ukraine	13.9	47.4	81.0	38.0	73.0	51.1	72.6	42.7	60.8	82.3	88.2	22.6
UK	16.1	61.0	80.5	35.8	79.6	57.6	64.5	44.8	30.5	56.8	70.8	32.7
MOR 95% CI	1.40 1.23-1.58	1.43 1.24-1.63	1.30 1.16-1.43	1.30 1.18-1.41	1.41 1.24-1.59	1.32 1.19-1.46	1.61 1.36-1.87	1.41 1.25-1.58	1.72 1.42-2.01	1.73 1.42-2.03	1.82 1.46-2.18	1.33 1.19-1.47
<b>Age at interview</b>												
< 50 yrs	33.6	52.3	79.5	39.5	74.8	51.0	57.3	26.3	49.5	71.5	83.3	14.5
50-59 yrs	25.2	49.9	84.5	41.2	81.7	59.5	65.3	38.2	44.2	72.0	82.8	22.6
60-69 yrs	14.7	47.1	83.1	39.0	82.6	58.2	68.0	44.6	41.4	68.0	79.4	29.8
≥ 70 yrs	5.3	43.2	79.7	32.3	83.4	59.3	70.7	48.7	39.1	66.9	79.2	29.9
<b>Sex</b>												
Men	17.6	49.3	83.0	35.6	79.0	52.8	67.2	42.4	39.8	67.1	79.2	25.7
Women	11.1	45.4	79.4	43.8	91.4	75.2	67.5	43.8	48.9	74.5	84.4	30.1

<b>All</b>	16.0	48.6%	82.1	37.6	82.0	58.2	67.3	42.7	42.0	68.9	80.5	26.8

<sup>1</sup>Smoking: self-reported smoking or > 10 ppm carbon monoxide in breath; <sup>2</sup>Persistent smoking: self-reported smoking or > 10 ppm carbon monoxide in breath in patients reporting to have been smoking in the month prior to the index event; <sup>3</sup>Overweight: body mass index (BMI)  $\geq$  25 kg/m<sup>2</sup>; <sup>4</sup>Obesity: BMI  $\geq$  30 kg/m<sup>2</sup>; <sup>5</sup>Abdominal overweight: waist circumference  $\geq$  80 cm for women and  $\geq$  94 cm for men; <sup>6</sup>Central obesity: waist circumference  $\geq$  88 cm for women and  $\geq$  102 cm for men

**Supplementary table 3. Therapeutic control of blood pressure, serum LDL- cholesterol and plasma glucose at interview, by country, sex and age**

	Blood pressure*		LDL-cholesterol**			HbA1c***	
	<130/80 mmHg (%)	<140/90 mmHg (<140/80 mmHg in diabetes (%))	<2.5 mmol/L (%)	<2.0 mmol/L (%)	<1.8 mmol/L (%)	<6.5%	<7.0%
<b>By country</b>							
Belgium	38.4	55.9	67.3	25.6	14.4	44.4	65.3
Bosnia Herzegovina	10.5	44.1	45.5	20.2	14.1	33.3	45.8
Bulgaria	41.7	64.3	44.2	17.4	8.1	30.6	44.4
Croatia	28.3	49.3	60.5	36.0	21.9	19.3	43.0
Cyprus	17.6	45.9	62.1	28.8	21.2	20.8	45.8
Czech Republic	24.6	50.7	63.9	36.3	23.4	30.1	48.3
Finland	41.8	66.3	83.5	53.2	33.2	62.3	71.9
France	33.2	57.0	68.7	40.4	26.8	25.4	41.2
Germany	30.7	53.7	52.1	25.0	12.1	36.8	54.9
Greece	45.6	69.6	56.8	34.1	15.9	42.1	63.2
Ireland	52.3	76.2	74.6	47.5	34.8	31.0	51.7
Latvia	18.0	58.6	68.0	44.4	30.9	40.7	55.9
Lithuania	23.3	41.5	41.9	14.7	5.3	33.3	55.1
Netherlands	24.2	46.6	62.6	30.2	20.9	30.6	57.6
Poland	26.6	49.6	65.4	37.3	22.6)	51.3	64.1

Romania	53.0	71.5	66.4	37.6	22.0	39.0	54.3
Russian Federation	50.4	74.7	49.8	25.6	15.9	39.3	53.6
Serbia	37.4	65.4	47.4	21.1	12.1	43.4	56.6
Slovenia	25.8	55.0	78.8	49.5	33.7	27.0	46.1
Spain	33.5	58.7	80.4	54.4	40.5	44.6	64.3
Sweden	37.8	62.2	70.1	33.1	19.9	37.9	56.8
Turkey	32.1	58.7	53.4	19.3	10.2	14.8	27.2
Ukraine	26.7	55.0	44.6	21.0	15.1	32.1	50.0
United Kingdom	34.8	55.4	75.3	47.4	32.0	23.4	37.7
<i>MOR</i> <i>95% CI</i>	<i>1.62</i> <i>1.36-1.87</i>	<i>1.43</i> <i>1.25-1.60</i>	<i>1.64</i> <i>1.37-1.90</i>	<i>1.64</i> <i>1.37-1.91</i>	<i>1.71</i> <i>1.40-2.02</i>	<i>1.50</i> <i>1.26-1.74</i>	<i>1.39</i> <i>1.19-1.58</i>
<b>Age at interview</b>							
< 50 yrs	43.8	73.9	54.6	30.9	18.0	33.7	50.6
50-59 yrs	34.5	61.4	59.5	30.2	18.5	29.6	47.7
60-69 yrs	31.9	55.2	63.0	34.6	22.5	36.9	52.9
≥ 70 yrs	29.2	51.3	66.4	36.2	22.4	37.1	55.1
<b>Sex</b>							
Men	32.8	57.4	64.7	35.5	22.3	36.1	53.8
Women	32.2	55.9	55.4	28.0	17.3	33.5	49.2
<b>All</b>	32.7	57.0	62.5	33.7	21.1	35.4	52.5

\* In patients on BP lowering medication: beta-blocker, calcium antagonist, ACE inhibitor, Angiotensin II- receptor blocker, diuretic or other antihypertensive drug; \*\* In patients on lipid-lowering medication; \*\*\*In patients with self-reported diabetes



**Supplementary table 4. Reported medication (%) at time of interview by country, sex and age**

	Antiplatelets %	Beta-blockers %	ACE inhibitors/ARBs %	Statins %
<b>By country</b>				
Belgium	95.6	79.9	49.0	94.2
Bosnia Herzegovina	97.8	86.7	85.4	87.6
Bulgaria	90.8	83.3	78.3	75.0
Croatia	96.5	74.9	79.8	80.7
Cyprus	98.9	80.0	81.1	95.6
Czech Republic	91.8	85.5	82.2	93.0
Finland	91.3	79.5	60.1	81.9
France	97.9	82.0	82.0	94.2
Germany	89.0	83.4	81.7	83.2
Greece	96.1	78.4	62.7	96.1
Ireland	98.5	78.6	73.1	92.5
Latvia	96.9	87.9	81.0	93.1
Lithuania	85.1	84.3	79.3	73.5
Netherlands	96.4	74.5	66.7	86.5
Poland	91.7	82.7	77.9	81.9
Romania	92.1	87.5	71.0	87.3
Russian Federation	93.4	80.1	64.0	74.6
Serbia	98.2	94.1	86.7	92.3
Slovenia	94.3	86.1	79.1	88.9
Spain	97.1	89.5	72.1	91.9
Sweden	97.5	88.9	81.6	90.0
Turkey	95.8	84.0	75.6	78.6
Ukraine	93.4	77.7	74.0	79.9
United Kingdom	88.7	67.8	75.7	84.1

MOR 95% CI	1.81 1.41-2.21	1.43 1.24-1.61	1.57 1.39-1.75	1.71 1.39-2.04
<b>Age at interview</b>				
< 50 yrs	95.9	82.5	71.2	87.6
50-59 yrs	96.3	83.6	74.6	86.8
60-69 yrs	94.0	84.0	75.3	85.1
≥ 70 yrs	90.9	80.1	76.5	85.0
<b>Sex</b>				
Men	94.3	82.6	75.3	86.4
Women	92.4	82.5	74.6	83.5
<b>All</b>	93.8	82.6	75.1	85.7