

The attached supplementary information serves to describe and complement the information on our study population and variables. It adds value to the tables in the main document. For this reason, we ask that it be considered for future publication.

Supplementary Material

Table S1 Frequencies and percentages of all study variables

	n (%)
Primary care visit in past 4 weeks	
No	6,806 (41.8)
Yes	9,464 (58.2)
Hospital admission in past 12 months	
No	12,588 (77.4)
Yes	3,682 (22.6)
Sex	
Man	7,994 (49.1)
Woman	8,276 (50.9)
Age	
<40	847 (5.2)
40-54	2,403 (14.8)
55-64	3,981 (24.5)
65-74	4,672 (28.7)
>74	4,367 (26.8)
Country of residence	
Bulgaria	452 (2.8)
Czech Republic	751 (4.6)
Denmark	298 (1.8)
Germany	1,556 (9.6)
Estonia	321 (2.0)
Ireland	320 (2.0)
Greece	922 (5.7)
Croatia	436 (2.7)
Cyprus	378 (2.3)
Latvia	388 (2.4)
Lithuania	272 (1.7)
Luxembourg	223 (1.4)
Hungary	474 (2.9)
Malta	415 (2.6)
Austria	678 (4.2)
Poland	1,820 (11.2)
Portugal	2,046 (12.6)
Romania	923 (5.7)
Slovenia	424 (2.6)
Slovakia	449 (2.8)
Finland	425 (2.6)
Sweden	123 (0.8)
United Kingdom	1,645 (10.1)
Iceland	179 (1.1)

Norway	352 (2.2)
Country of birth	
Native-born	14,906 (91.6)
Born in another country	1,337 (8.2)
Don't know/refusal	27 (0.2)
Degree of urbanization	
Densely-populated area	6,117 (37.6)
Intermediate-populated area	4,746 (29.2)
Thinly-populated area	5,383 (33.1)
Don't know/refusal	24 (0.1)
Marital status	
Never married, never in registered partnership	1,638 (10.1)
Married/in registered partnership	9,836 (60.5)
Widowed/with regard partnership that ended in death of partner	3,433 (21.1)
Divorced/with regard partnership that was legally dissolved	1,310 (8.1)
Don't know/refusal	53 (0.3)
Educational attainment	
Primary education	4,126 (25.4)
Secondary education	9,179 (56.4)
Tertiary education; short cycle	1,094 (6.7)
Tertiary education; bachelor, master or doctoral level	1,805 (11.1)
Don't know/refusal	67 (0.4)
Labor status	
In work	3,685 (22.6)
Unemployed	656 (4.0)
Studying	138 (0.8)
Retired	9,641 (59.3)
Domestic tasks	672 (4.1)
Other	1,379 (8.5)
Don't know/refusal	100 (0.6)
Body mass index	
Normal	3,283 (20.2)
Overweight	6,140 (37.7)
Obese	5,928 (36.4)
Don't know/refusal	920 (5.7)
Frequency of recreational physical activity	
Never	12,354 (75.9)
1 to 3 hours a week	2,354 (14.5)
3 to 7 hours a week	1,124 (6.9)
> 7 hours a week	437 (2.7)
Frequency of eating fruit	
Once or more a day	9,525 (58.5)
4 to 6 times a week	2,564 (15.8)
1 to 3 times a week	2,614 (16.1)
Less than once a week	908 (5.6)
Never	175 (1.1)
Don't know/refusal	484 (3.0)
Frequency of eating vegetables	
Once or more a day	8,215 (50.5)

4 to 6 times a week	3,715 (22.8)
1 to 3 times a week	3,111 (19.1)
Less than once a week	617 (3.8)
Never	105 (0.6)
Don't know/refusal	507 (3.1)
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Smoking	
Daily smoker	2,207 (13.6)
Occasional smoker	422 (2.6)
Non-smoker	13,592 (83.5)
Don't know/refusal	49 (0.3)
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Frequency of exposure to tobacco smoke indoors	
Never or almost never	12,913 (79.4)
Less than 1 hour a day	1,273 (7.8)
1 hour or more a day	1,419 (8.7)
Don't know/refusal	665 (4.1)
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Alcohol consumption	
Every day or almost every day	1,562 (9.6)
3 to 6 days a week	1,095 (6.7)
1 to 2 days a week	4,496 (27.6)
2 to 3 days a month	8,531 (52.4)
Don't know/refusal	586 (3.6)
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Number of close people to count on	
None	494 (3.0)
1 or 2	6,164 (37.9)
3 to 5	6,177 (38.0)
6 or more	2,893 (17.8)
Don't know/refusal	541 (3.3)
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Number of persons living in household	
One	3,876 (23.8)
Two	7,318 (45.0)
Three	2,341 (14.4)
Four	1,438 (8.8)
Five or more	1,272 (7.8)
Don't know/refusal	24 (0.1)
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Type of household	
One-person household	3,871 (23.8)
Lone parent with child(ren) aged less than 25	246 (1.5)
Couple with child(ren) aged less than 25	1,537 (9.4)
Couple without child(ren) aged less than 25	6,652 (40.9)
Other	3,851 (23.7)
Don't know/refusal	114 (0.7)
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Net income	
Below 1st quintile	3,382 (20.8)
Between 1st and 2nd quintile	3,935 (24.2)
Between 2nd and 3rd quintile	3,290 (20.2)
Between 3rd and 4th quintile	2,709 (16.6)
Between 4th and 5th quintile	2,106 (12.9)
Don't know/refusal	848 (5.2)
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Self-perceived health	
Very good	463 (2.8)

Good	3,507 (21.6)
Fair	7,239 (44.5)
Bad	3,564 (21.9)
Very bad	1,008 (6.2)
Don't know/refusal	489 (3.0)
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Longstanding health problem (lasting \geq 6 months)	
Yes	15,350 (94.3)
No	883 (5.4)
Don't know/refusal	37 (0.2)
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Asthma in past 12 months	
Yes	1,355 (8.3)
No	14,582 (89.6)
Don't know/refusal	333 (2.0)
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Chronic obstructive pulmonary disease in past 12 months	
Yes	1,388 (8.5)
No	14,549 (89.4)
Don't know/refusal	334 (2.1)
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MI* or chronic consequences of MI in the past 12 months	
Yes	1,190 (7.3)
No	14,740 (90.6)
Don't know/refusal	340 (2.1)
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Kidney problems in the past 12 months	
Yes	2,524 (15.5)
No	13,429 (82.5)
Don't know/refusal	317 (2.0)
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High blood pressure in the past 12 months	
Yes	10,111 (62.1)
No	6,070 (37.3)
Don't know/refusal	89 (0.5)
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Stroke or chronic consequences of stroke in past 12 months	
Yes	878 (5.4)
No	15,043 (92.5)
Don't know/refusal	348 (2.1)
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Arthrosis in the past 12 months	
Yes	4,570 (28.1)
No	11,382 (70.0)
Don't know/refusal	318 (2.0)
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Low back disorder or other chronic back defect in past 12 months	
Yes	6,298 (38.7)
No	9,748 (59.9)
Don't know/refusal	224 (1.4)
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Neck disorder or other chronic neck defect in the past 12 months	
Yes	4,256 (26.2)
No	11,720 (72.0)
Don't know/refusal	294 (1.8)
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Allergy in the past 12 months	
Yes	2,604 (16.0)
No	13,392 (82.3)
Don't know/refusal	274 (1.7)
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Cirrhosis of the liver in the past 12 months	

Yes	276 (1.7)
No	15,671 (96.3)
Don't know/refusal	323 (2.0)
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Urinary incontinence in the past 12 months	
Yes	2,414 (14.8)
No	13,594 (83.6)
Don't know/refusal	262 (1.6)
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Kidney problems in the past 12 months	
Yes	1,613 (9.9)
No	14,365 (88.3)
Don't know/refusal	292 (1.8)
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Depression in the past 12 months	
Yes	2,137 (13.1)
No	13,843 (85.1)
Don't know/refusal	291 (1.8)
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Road traffic accident in the past 12 months	
Yes	173 (1.1)
No	15,931 (97.9)
Don't know/refusal	166 (1.0)
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Accident at home in the past 12 months	
Yes	978 (6.0)
No	15,145 (93.1)
Don't know/refusal	146 (0.9)
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Leisure accident in the past 12 months	
Yes	462 (2.8)
No	15,654 (96.2)
Don't know/refusal	154 (0.9)
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Glasses or contact lenses	
Yes	13,082 (80.4)
No	3,166 (19.5)
Don't know/refusal	22 (0.1)
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Hearing aid	
Yes	1,249 (7.7)
No	14,979 (92.1)
Don't know/refusal	42 (0.3)
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Difficulty walking	
No difficulty	8,463 (52.0)
Moderate difficulty	3,922 (24.1)
Severe difficulty	3,839 (23.6)
Don't know/refusal	46 (0.3)
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Intensity of bodily pain during the past 4 weeks	
None	4,363 (26.8)
Very mild	1,831 (11.3)
Mild	2,477 (15.2)
Moderate	3,914 (24.1)
Severe	2,385 (14.7)
Very severe	809 (5.0)
Don't know/refusal	491 (3.0)
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Depression severity (PHQ-8)†	
None/minimal (0-4)	10,035 (61.7)

Mild (5-9)	3,281 (20.2)
Moderate (10-14)	1,248 (7.7)
Severe (15-24)	776 (4.8)
Don't know/refusal	930 (5.7)

*MI, myocardial infarction
†PHQ-8, eight-item patient health questionnaire

Table S2 Proportion of primary care visits in the past month, at each level of the explanatory variables.

	Primary care visits in past month		<i>P</i> value
	Yes n (%)	No n (%)	
Hospital admission in past 12 months			
No	5,776 (45.9)	6,812 (54.1)	<0.001
Yes	1,030 (28.0)	2,653 (72.0)	
Sex			
Man	3,576 (44.7)	4,418 (55.3)	<0.001
Woman	3,230 (39.0)	5,047 (61.0)	
Age			
<40	467 (55.1)	380 (44.9)	<0.001
40-54	1,090 (45.4)	1,313 (54.6)	
55-64	1,702 (42.8)	2,278 (57.2)	
65-74	1,896 (40.6)	2,777 (59.4)	
>74	1,651 (37.8)	2,716 (62.2)	
Country of residence			
Bulgaria	97 (21.4)	355 (78.6)	<0.001
Czech Republic	341 (45.4)	410 (54.6)	
Denmark	110 (36.8)	188 (63.2)	
Germany	326 (20.9)	1,230 (79.1)	
Estonia	196 (61.1)	125 (38.9)	
Ireland	141 (44.0)	179 (56.0)	
Greece	435 (47.2)	487 (52.8)	
Croatia	145 (33.3)	291 (66.7)	
Cyprus	330 (87.2)	48 (12.8)	
Latvia	133 (34.3)	255 (65.7)	
Lithuania	65 (23.8)	207 (76.2)	
Luxembourg	94 (42.2)	129 (57.8)	
Hungary	119 (25.2)	355 (74.8)	
Malta	228 (54.8)	188 (45.2)	
Austria	299 (44.1)	379 (55.9)	
Poland	533 (29.3)	1,287 (70.7)	
Portugal	1,106 (54.1)	939 (45.9)	
Romania	221 (24.0)	702 (76.0)	
Slovenia	209 (49.4)	215 (50.6)	
Slovakia	188 (41.9)	261 (58.1)	
Finland	267 (62.8)	158 (37.2)	
Sweden	41 (33.0)	82 (67.0)	
United Kingdom	880 (53.5)	765 (46.5)	
Iceland	119 (66.6)	60 (33.4)	
Norway	183 (52.0)	169 (48.0)	
Country of birth			
Native-born	6,240 (41.9)	8,666 (58.1)	0.66
Born in another country	557 (41.7)	780 (58.3)	
Don't know/refusal	9 (32.5)	18 (67.5)	
Degree of urbanization			
Densely-populated area	2,582 (42.2)	3,535 (57.8)	0.80

Intermediate-populated area	1,985 (41.8)	2,761 (58.2)	
Thinly-populated area	2,226 (41.4)	3,156 (58.6)	
Don't know/refusal	11 (47.6)	13 (52.4)	
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Marital status*			
Never married	775 (47.3)	864 (52.7)	<0.001
Married	4,204 (42.7)	5,631 (57.3)	
Widowed	1,276 (37.2)	2,157 (62.8)	
Divorced	540 (41.2)	770 (58.8)	
Don't know/refusal	11 (20.5)	42 (79.5)	
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Educational attainment			
Primary education	1,887 (45.7)	2,239 (54.3)	<0.001
Secondary education	3,595 (39.2)	5,584 (60.8)	
Tertiary education; short cycle	518 (47.3)	576 (52.7)	
Tertiary education; bachelor/master/doctoral	782 (43.3)	1,023 (56.7)	
Don't know/refusal	24 (36.3)	43 (63.7)	
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Labor status			
In work	1,870 (50.8)	1,815 (49.2)	<0.001
Unemployed	307 (46.8)	349 (53.2)	
Studying	86 (62.3)	52 (37.7)	
Retired	3,739 (38.8)	5,902 (61.2)	
Domestic tasks	319 (47.4)	353 (52.6)	
Other	459 (33.3)	920 (66.7)	
Don't know/refusal	26 (26.4)	74 (73.6)	
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Body mass index			
Normal	1,426 (43.4)	1,857 (56.6)	<0.001
Overweight	2,635 (42.9)	3,504 (57.1)	
Obese	2,318 (39.1)	3,610 (60.9)	
Don't know/refusal	427 (46.4)	493 (53.6)	
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Frequency of recreational physical activity			
Never	4,969 (40.2)	7,385 (59.8)	<0.001
1 to 3 hours a week	1,096 (46.5)	1,259 (53.5)	
3 to 7 hours a week	538 (47.9)	585 (52.1)	
> 7 hours a week	202 (46.3)	235 (53.7)	
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Frequency of eating fruit			
Once or more a day	4,049 (42.5)	5,476 (57.5)	0.107
4 to 6 times a week	1,067 (41.6)	1,497 (58.4)	
1 to 3 times a week	1,030 (39.4)	1,584 (60.6)	
Less than once a week	373 (41.1)	535 (58.9)	
Never	76 (43.6)	98 (56.4)	
Don't know/refusal	209 (43.3)	274 (56.7)	
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Frequency of eating vegetables			
Once or more a day	3,516 (42.8)	4,699 (57.2)	0.068
4 to 6 times a week	1,533 (41.3)	2,183 (58.7)	
1 to 3 times a week	1,233 (39.6)	1,878 (60.4)	
Less than once a week	263 (42.6)	354 (57.4)	
Never	46 (44.2)	59 (55.8)	
Don't know/refusal	215 (42.5)	292 (57.5)	
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Smoking			

Daily smoker	953 (43.2)	1,254 (56.8)	0.31
Occasional smoker	174 (41.3)	248 (58.7)	
Non-smoker	5,662 (41.7)	7,929 (58.3)	
Don't know/refusal	16 (32.7)	33 (67.3)	
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Exposure to smoke indoors			
Never or almost never	5,454 (42.2)	7,459 (57.8)	0.188
Less than 1 hour a day	521 (40.9)	752 (59.1)	
1 hour or more a day	561 (39.5)	858 (60.5)	
Don't know/refusal	270 (40.6)	395 (59.4)	
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Alcohol consumption			
Every day or almost every day	819 (52.4)	743 (47.6)	<0.001
3 to 6 days a week	509 (46.5)	586 (53.5)	
1 to 2 days a week	2,008 (44.7)	2,488 (55.3)	
2 to 3 days a month	3,225 (37.8)	5,306 (62.2)	
Don't know/refusal	245 (41.7)	342 (58.3)	
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Number of close people to count on			
None	224 (45.4)	270 (54.6)	<0.001
1 or 2	2,367 (38.4)	3,797 (61.6)	
3 to 5	2,665 (43.1)	3,513 (56.9)	
6 or more	1,320 (45.6)	1,573 (54.4)	
Don't know/refusal	229 (42.4)	312 (57.6)	
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Number of persons living in household			
One	1,516 (39.1)	2,360 (60.9)	<0.001
Two	3,021 (41.3)	4,297 (58.7)	
Three	1,092 (46.7)	1,248 (53.3)	
Four	688 (47.8)	750 (52.2)	
Five or more	482 (37.9)	790 (62.1)	
Don't know/refusal	5 (22.7)	19 (77.3)	
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Type of household			
One-person household	1,515 (39.1)	2,356 (60.9)	<0.001
Lone parent with child(ren) aged < 25	107 (43.4)	139 (56.6)	
Couple with child(ren) aged < 25	757 (49.3)	779 (50.7)	
Couple without child(ren) aged < 25	2,788 (41.9)	3,864 (58.1)	
Other	1,612 (41.9)	2,238 (58.1)	
Don't know/refusal	26 (22.4)	88 (77.6)	
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Net income			
Below 1st quintile	1,387 (41.0)	1,995 (59.0)	<0.001
Between 1st and 2nd quintile	1,526 (38.8)	2,409 (61.2)	
Between 2nd and 3rd quintile	1,387 (42.2)	1,903 (57.8)	
Between 3rd and 4th quintile	1,166 (43.0)	1,543 (57.0)	
Between 4th and 5th quintile	1,018 (48.3)	1,088 (51.7)	
Don't know/refusal	322 (38.0)	526 (62.0)	
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Self-perceived health			
Very good	321 (69.4)	142 (0.6)	<0.001
Good	1,916 (54.6)	1,591 (45.4)	
Fair	2,936 (40.6)	4,303 (59.4)	
Bad	1,143 (32.1)	2,421 (67.9)	

Very bad	280 (27.8)	728 (72.2)	
Don't know/refusal	209 (42.7)	280 (57.3)	
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Longstanding health problem (lasting \geq 6 months)			
Yes	6,298 (41.0)	9,052 (59.0)	<0.001
No	492 (55.7)	391 (44.3)	
Don't know/refusal	16 (43.6)	21 (56.4)	
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Asthma [†]			
Yes	490 (36.1)	865 (63.9)	<0.001
No	6,189 (42.4)	8,393 (57.6)	
Don't know/refusal	127 (38.2)	206 (61.8)	
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Chronic obstructive pulmonary disease [†]			
Yes	435 (31.3)	953 (68.7)	<0.001
No	6,240 (42.9)	8,309 (57.1)	
Don't know/refusal	131 (39.4)	202 (60.6)	
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MI or chronic consequences of MI [†]			
Yes	413 (34.7)	777 (65.3)	<0.001
No	6,264 (42.5)	8,476 (57.5)	
Don't know/refusal	128 (37.6)	212 (62.4)	
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Kidney problems [†]			
Yes	748 (29.6)	1,776 (70.4)	<0.001
No	5,929 (44.2)	7,500 (55.8)	
Don't know/refusal	129 (40.6)	189 (59.4)	
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High blood pressure [†]			
Yes	3,849 (38.1)	6,262 (61.9)	<0.001
No	2,904 (47.8)	3,166 (52.2)	
Don't know/refusal	53 (59.2)	37 (40.8)	
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Stroke or chronic consequences of stroke [†]			
Yes	308 (35.0)	571 (65.0)	<0.001
No	6,366 (42.3)	8,677 (57.7)	
Don't know/refusal	132 (37.8)	216 (62.2)	
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Arthritis [†]			
Yes	1,618 (35.4)	2,952 (64.6)	<0.001
No	5,061 (44.5)	6,321 (55.5)	
Don't know/refusal	126 (39.7)	192 (60.3)	
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Low back disorder or other chronic back defect [†]			
Yes	2,246 (35.7)	4,052 (64.3)	<0.001
No	4,458 (45.7)	5,289 (54.3)	
Don't know/refusal	102 (45.3)	123 (54.7)	
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Neck disorder or other chronic neck defect [†]			
Yes	1,516 (35.6)	2,740 (64.4)	<0.001
No	5,173 (44.1)	6,547 (55.9)	
Don't know/refusal	116 (39.6)	178 (60.4)	
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Allergy [†]			
Yes	1,051 (40.3)	1,554 (59.7)	0.076
No	5,652 (42.2)	7,740 (57.8)	
Don't know/refusal	103 (37.6)	171 (62.4)	
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Cirrhosis of the liver [†]			

Yes	110 (39.8)	166 (60.2)	0.35
No	6,572 (41.9)	9,099 (58.1)	
Don't know/refusal	124 (38.4)	199 (61.6)	
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Urinary incontinence [†]			
Yes	839 (34.8)	1,575 (65.2)	<0.001
No	5,854 (43.1)	7,740 (56.9)	
Don't know/refusal	112 (43.0)	149 (57.0)	
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Kidney problems [†]			
Yes	534 (33.1)	1,079 (66.9)	<0.001
No	6,151 (42.8)	8,214 (57.2)	
Don't know/refusal	121 (41.3)	171 (58.7)	
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Depression [†]			
Yes	751 (35.1)	1,386 (64.9)	<0.001
No	5,937 (42.9)	7,906 (57.1)	
Don't know/refusal	118 (40.5)	173 (59.5)	
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Road traffic accident [†]			
Yes	61 (34.9)	113 (65.1)	<0.001
No	6,703 (42.1)	9,228 (57.9)	
Don't know/refusal	42 (25.3)	124 (74.7)	
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Accident at home [†]			
Yes	327 (33.4)	651 (66.6)	<0.001
No	6,441 (42.5)	8,704 (57.5)	
Don't know/refusal	38 (25.7)	109 (74.3)	
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Leisure accident [†]			
Yes	181 (39.2)	281 (60.8)	<0.001
No	6,588 (42.1)	9,065 (57.9)	
Don't know/refusal	36 (23.3)	118 (76.7)	
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Glasses or contact lenses			
Yes	5,362 (41.0)	7,720 (59.0)	<0.001
No	1,435 (45.3)	1,731 (54.7)	
Don't know/refusal	9 (39.4)	14 (60.6)	
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Hearing aid			
Yes	428 (34.3)	820 (65.7)	<0.001
No	6,361 (42.5)	8,618 (57.5)	
Don't know/refusal	17 (39.2)	26 (60.8)	
<hr/>			
Difficulty walking			
No difficulty	4,150 (49.0)	4,313 (51.0)	<0.001
Moderate difficulty	1,353 (34.5)	2,569 (65.5)	
Severe difficulty	1,282 (33.4)	2,556 (66.6)	
Don't know/refusal	20 (44.2)	26 (55.8)	
<hr/>			
Intensity of bodily pain during the past month			
None	2,435 (55.8)	1,928 (44.2)	<0.001
Very mild	835 (45.6)	995 (54.4)	
Mild	1020 (41.2)	1,457 (58.8)	
Moderate	1319 (33.7)	2,596 (66.3)	
Severe	757 (31.7)	1,628 (68.3)	
Very severe	229 (28.3)	580 (71.7)	
Don't know/refusal	211 (42.9)	280 (57.1)	
<hr/>			
Depression severity (PHQ-8) ††			

None/minimal (0-4)	4,676 (46.6)	5,359 (53.4)	<0.001
Mild (5-9)	1,126 (34.3)	2,155 (65.7)	
Moderate (10-14)	400 (32.1)	848 (67.9)	
Severe (15-24)	240 (30.9)	536 (69.1)	
Don't know/refusal	363 (39.0)	567 (61.0)	

* Being married includes being in a registered partnership, and being divorced or widowed includes having been in a registered partnership that was legally dissolved or that ended with the death of a partner, respectively.

† in the past 12 months

**MI, myocardial infarction

††PHQ-8, eight-item patient health questionnaire

Table S3 Proportion of hospital admissions in the past year, at each level of the explanatory variables

	Hospital admissions in past year		P value
	Yes n%	No n %	
Primary care visit in the past month			
No	5,776 (84.9)	1,030 (15.1)	<0.001
Yes	6,812 (72.0)	2,653 (28.0)	
Sex			
Man	6,159 (77.1)	1,835 (22.9)	0.34
Woman	6,429 (77.7)	1,848 (22.3)	
Age			
<40	665 (78.6)	182 (21.4)	<0.001
40-54	1,93 (80.4)	471 (19.6)	
55-64	3,156 (79.3)	825 (20.7)	
65-74	3,650 (78.1)	1,022 (21.9)	
>74	3,185 (72.9)	1,182 (27.1)	
Country of residence			
Bulgaria	306 (67.7)	146 (32.3)	<0.001
Czech Republic	577 (76.8)	174 (23.2)	
Denmark	237 (79.7)	61 (20.3)	
Germany	1,085 (69.8)	471 (30.2)	
Estonia	266 (83.0)	55 (17.0)	
Ireland	230 (71.8)	90 (28.2)	
Greece	738 (80.0)	184 (20.0)	
Croatia	356 (81.7)	80 (18.3)	
Cyprus	330 (87.4)	48 (12.6)	
Latvia	289 (74.5)	99 (25.5)	
Lithuania	194 (71.4)	78 (28.6)	
Luxembourg	178 (79.6)	45 (20.4)	
Hungary	348 (73.5)	126 (26.5)	
Malta	342 (82.4)	73 (17.6)	
Austria	459 (67.7)	219 (32.3)	
Poland	1,331 (73.1)	489 (26.9)	
Portugal	1,701 (83.2)	344 (16.8)	
Romania	760 (82.3)	163 (17.7)	
Slovenia	330 (77.9)	94 (22.1)	
Slovakia	325 (72.4)	124 (27.6)	
Finland	355 (83.5)	70 (16.5)	
Sweden	90 (73.6)	33 (26.4)	
United Kingdom	1,353 (82.3)	292 (17.7)	
Iceland	133 (74.3)	46 (25.7)	
Norway	271 (77.0)	81 (23.0)	
Country of birth			
Native-born	11,527 (77.3)	3,379 (22.7)	0.60
Born in another country	1,038 (77.7)	299 (22.3)	
Don't know/refusal	23 (84.5)	4 (15.5)	
Degree of urbanization			
Densely-populated area	4,826 (78.9)	1,292 (21.1)	0.003

Intermediate-populated area	3,638 (76.7)	1,108 (23.3)	
Thinly-populated area	4,105 (76.3)	1,278 (23.7)	
Don't know/refusal	20 (81.6)	4 (18.4)	
<hr/>			
Marital status*			
Never married	1,267 (77.3)	372 (22.7)	<0.001
Married	7,724 (78.5)	2,112 (21.5)	
Widowed	2,564 (74.7)	869 (25.3)	
Divorced	991 (75.6)	319 (24.4)	
Don't know/refusal	42 (79.5)	11 (20.5)	
<hr/>			
Educational attainment			
Primary education	3,268 (79.2)	858 (20.8)	0.002
Secondary education	7,011 (76.4)	2,168 (23.6)	
Tertiary education; short cycle	873 (79.8)	221 (20.2)	
Tertiary education; bachelor/masters/doctoral	1,386 (76.8)	419 (23.2)	
Don't know/refusal	50 (75.4)	16 (24.6)	
<hr/>			
Labor status			
In work	3,094 (84.0)	591 (16.0)	<0.001
Unemployed	515 (78.5)	141 (21.5)	
Studying	102 (74.1)	36 (25.9)	
Retired	7,316 (75.9)	2,324 (24.1)	
Domestic tasks	560 (83.4)	112 (16.6)	
Other	934 (67.8)	444 (32.2)	
Don't know/refusal	66 (65.8)	34 (34.2)	
<hr/>			
Body mass index			
Normal	2,479 (75.5)	804 (24.5)	0.004
Overweight	4,827 (78.6)	1,313 (21.4)	
Obese	4,585 (77.4)	1,342 (22.6)	
Don't know/refusal	696 (75.7)	223 (24.3)	
<hr/>			
Frequency of recreational physical activity			
Never	9,461 (76.6)	2,893 (23.4)	<0.001
1 to 3 hours a week	1,857 (78.9)	497 (21.1)	
3 to 7 hours a week	929 (82.6)	195 (17.4)	
> 7 hours a week	341 (77.9)	97 (22.1)	
<hr/>			
Frequency of eating fruit			
Once or more a day	7,402 (77.7)	2,123 (22.3)	0.069
4 to 6 times a week	2,020 (78.8)	544 (21.2)	
1 to 3 times a week	1,986 (76.0)	629 (24.0)	
Less than once a week	685 (75.4)	223 (24.6)	
Never	133 (76.4)	41 (23.6)	
Don't know/refusal	362 (74.9)	121 (25.1)	
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Frequency of eating vegetables			
Once or more a day	6,376 (77.6)	1,838 (22.4)	0.003
4 to 6 times a week	2,906 (78.2)	810 (21.8)	
1 to 3 times a week	2,383 (76.6)	728 (23.4)	
Less than once a week	480 (77.8)	137 (22.2)	
Never	66 (62.7)	39 (37.3)	
Don't know/refusal	377 (74.3)	130 (25.7)	
<hr/>			
Smoking			
Daily smoker	1,739 (78.8)	468 (21.2)	0.191

Occasional smoker	323 (76.5)	99 (23.5)	
Non-smoker	10,492 (77.2)	3,100 (22.8)	
Don't know/refusal	34 (69.4)	15 (30.6)	
<hr/>			
Exposure to smoke indoors			
Never or almost never	9,975 (77.2)	2,938 (22.8)	0.017
Less than 1 hour a day	1,003 (78.8)	270 (21.2)	
1 hour or more a day	1,123 (79.1)	296 (20.9)	
Don't know/refusal	488 (73.3)	177 (26.7)	
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Alcohol consumption			
Every day or almost every day	1,282 (82.1)	280 (17.9)	<0.001
3 to 6 days a week	890 (81.3)	205 (18.7)	
1 to 2 days a week	3,636 (80.9)	859 (19.1)	
2 to 3 days a month	6,347 (74.4)	2,184 (25.6)	
Don't know/refusal	432 (73.7)	154 (26.3)	
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Number of close people to count on			
None	386 (78.1)	108 (21.9)	0.24
1 or 2	4,724 (76.6)	1,440 (23.4)	
3 to 5	4,794 (77.6)	1,383 (22.4)	
6 or more	2,274 (78.6)	619 (21.4)	
Don't know/refusal	410 (75.7)	131 (24.3)	
<hr/>			
Number of persons living in household			
One	2,915 (75.2)	961 (24.8)	<0.001
Two	5,612 (76.7)	1,706 (23.3)	
Three	1,903 (81.3)	437 (18.7)	
Four	1,135 (78.9)	304 (21.1)	
Five or more	1,007 (79.1)	266 (20.9)	
Don't know/refusal	16 (64.6)	9 (35.4)	
<hr/>			
Type of household			
One-person household	2,910 (75.2)	961 (24.8)	<0.001
Lone parent with child(ren) aged < 25	188 (76.3)	58 (23.7)	
Couple with child(ren) aged < 25	1,252 (81.5)	284 (18.5)	
Couple without child(ren) aged < 25	5,110 (76.8)	1,542 (23.2)	
Other	3,046 (79.1)	805 (20.9)	
Don't know/refusal	82 (72.1)	32 (27.9)	
<hr/>			
Net income			
Below 1st quintile	2,509 (74.2)	873 (25.8)	<0.001
Between 1st and 2nd quintile	3,003 (76.3)	932 (23.7)	
Between 2nd and 3rd quintile	2,564 (77.9)	726 (22.1)	
Between 3rd and 4th quintile	2,132 (78.7)	576 (21.3)	
Between 4th and 5th quintile	1,714 (81.4)	392 (18.6)	
Don't know/refusal	665 (78.4)	183 (21.6)	
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Self-perceived health			
Very good	414 (89.5)	49 (10.5)	<0.001
Good	3,047 (86.9)	460 (13.1)	
Fair	5,821 (80.4)	1,418 (19.6)	
Bad	2,371 (66.5)	1,193 (33.5)	
Very bad	572 (56.8)	436 (43.2)	
Don't know/refusal	362 (74.0)	127 (26.0)	
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Longstanding health problem (lasting \geq 6 months)			

Yes	11,835 (77.1)	3,515 (22.9)	<0.001
No	729 (82.5)	154 (17.5)	
Don't know/refusal	24 (64.3)	13 (35.7)	
<hr/>			
Asthma [†]			
Yes	927 (68.4)	428 (31.6)	<0.001
No	11,414 (78.3)	3,169 (21.7)	
Don't know/refusal	248 (74.4)	85 (25.6)	
<hr/>			
Chronic obstructive pulmonary disease [†]			
Yes	856 (61.6)	532 (38.4)	<0.001
No	11,480 (78.9)	3,069 (21.1)	
Don't know/refusal	252 (75.7)	81 (24.3)	
<hr/>			
MI or chronic consequences of MI [†]			
Yes	663 (55.7)	527 (44.3)	<0.001
No	11,668 (79.2)	3,072 (20.8)	
Don't know/refusal	257 (75.6)	83 (24.4)	
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Kidney problems [†]			
Yes	1,586 (62.8)	938 (37.2)	<0.001
No	10,765 (80.2)	2,665 (19.8)	
Don't know/refusal	237 (74.8)	80 (25.2)	
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High blood pressure [†]			
Yes	7,624 (75.4)	2,487 (24.6)	<0.001
No	4,902 (80.8)	1,167 (19.2)	
Don't know/refusal	61 (68.7)	28 (31.3)	
<hr/>			
Stoke or chronic consequences of stroke [†]			
Yes	506 (57.6)	372 (42.4)	<0.001
No	11,819 (78.6)	3,225 (21.4)	
Don't know/refusal	263 (75.6)	85 (24.4)	
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Arthritis [†]			
Yes	3,297 (72.2)	1,272 (27.8)	<0.001
No	9,052 (79.5)	2,330 (20.5)	
Don't know/refusal	238 (74.8)	80 (25.2)	
<hr/>			
Low back disorder or other chronic back defect [†]			
Yes	4,685 (74.4)	1,613 (25.6)	<0.001
No	7,732 (79.3)	2,015 (20.7)	
Don't know/refusal	171 (76.0)	54 (24.0)	
<hr/>			
Neck disorder or other chronic neck defect [†]			
Yes	3,138 (73.7)	1,118 (26.3)	<0.001
No	9,225 (78.7)	2,495 (21.3)	
Don't know/refusal	225 (76.4)	69 (23.6)	
<hr/>			
Allergy [†]			
Yes	1,962 (75.3)	642 (24.7)	0.018
No	10,419 (77.8)	2,973 (22.2)	
Don't know/refusal	207 (75.5)	67 (24.5)	
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Cirrhosis of the liver [†]			
Yes	159 (57.6)	117 (42.4)	<0.001
No	12,190 (77.8)	3,481 (22.2)	
Don't know/refusal	239 (74.0)	84 (26.0)	

Urinary incontinence [†]			
Yes	1,599 (66.2)	816 (33.8)	<0.001
No	10,792 (79.4)	2,802 (20.6)	
Don't know/refusal	197 (75.4)	64 (24.6)	
Kidney problems [†]			
Yes	979 (60.7)	634 (39.3)	<0.001
No	11,387 (79.3)	2,978 (20.7)	
Don't know/refusal	222 (76.0)	70 (24.0)	
Depression [†]			
Yes	1,520 (71.1)	617 (28.9)	<0.001
No	10,851 (78.4)	2,992 (21.6)	
Don't know/refusal	218 (74.9)	73 (25.1)	
Road traffic accident [†]			
Yes	118 (68.0)	55 (32.0)	<0.001
No	12,362 (77.6)	3,569 (22.4)	
Don't know/refusal	108 (65.1)	58 (34.9)	
Accident at home [†]			
Yes	583 (59.6)	395 (40.4)	<0.001
No	11,908 (78.6)	3,238 (21.4)	
Don't know/refusal	97 (66.4)	49 (33.6)	
Leisure accident [†]			
Yes	297 (64.2)	165 (35.8)	<0.001
No	12,193 (77.9)	3,461 (22.1)	
Don't know/refusal	98 (63.5)	56 (36.5)	
Glasses or contact lenses			
Yes	10,087 (77.1)	2,994 (22.9)	0.089
No	2,486 (78.5)	680 (21.5)	
Don't know/refusal	15 (64.7)	8 (35.3)	
Hearing aid			
Yes	882 (70.7)	366 (29.3)	<0.001
No	11,678 (78.0)	3,302 (22.0)	
Don't know/refusal	28 (66.8)	14 (33.2)	
Difficulty walking			
No difficulty	7,139 (84.4)	1,323 (15.6)	<0.001
Moderate difficulty	2,973 (75.8)	950 (24.2)	
Severe difficulty	2,444 (63.7)	1,394 (36.3)	
Don't know/refusal	31 (67.8)	15 (32.2)	
Intensity of bodily pain during the past month			
None	3,669 (84.1)	694 (15.9)	<0.001
Very mild	1,540 (84.1)	291 (15.9)	
Mild	1,998 (80.6)	479 (19.4)	
Moderate	2,919 (74.6)	995 (25.4)	
Severe	1,599 (67.0)	786 (33.0)	
Very severe	494 (61.1)	314 (38.9)	
Don't know/refusal	370 (75.2)	122 (24.8)	
Depression severity (PHQ 8) ††			
None/minimal (0-4)	8,227 (82.0)	1,808 (18.0)	<0.001
Mild (5-9)	2,393 (72.9)	888 (27.1)	

Moderate (10-14)	833 (66.7)	415 (33.3)
Severe (15-24)	463 (59.6)	313 (40.4)
Don't know/refusal	672 (72.3)	258 (27.7)

* Being married includes being in a registered partnership, and being divorced or widowed includes having been in a registered partnership that was legally dissolved or that ended with the death of a partner, respectively.

† in the past 12 months

**MI, myocardial infarction

††PHQ-8, eight-item patient health questionnaire