

## **HERPA**

Do you usually bring up any phlegm from your chest, first thing in the morning in winter?

1 Yes

2 No

3 Don't know

*IF (whether brings up phlegm in the morning in winter = [no, don't know]) [(HeRpa = [2, 3]*

**HERPB**

Do you usually bring up any phlegm from your chest, during the day or at night in the winter?

- 1 Yes
- 2 No

END OF FILTER

*IF (whether brings up phlegm in the morning in winter = yes) OR (whether brings up phlegm during the day or at night in winter = yes) [(HeRpa = 1) OR (HeRpb = 1)]*

**HERPC**

Do you bring up phlegm like this on most days for as much as three months each year?

- 1 Yes
- 2 No

END OF FILTER

**HERPD**

Are you troubled by shortness of breath when hurrying on level ground or walking up a slight hill?

- 1 Yes
- 2 No
- 3 Never walks up hill or hurries
- 4 Cannot walk

*IF (whether gets short of breath when hurrying or walking uphill = [yes, never walks uphill]) [(HeRpd = [1, 3])]*

**HERPE**

Do you get short of breath walking with other people of your own age on level ground?

- 1 Yes
- 2 No
- 3 Never walks with people of own age on level ground
- 4 Cannot walk

*IF short of breath walking on level ground = never walk [HeRpe = NeverDo]*

**HeRpe1**

Do you never walk [BLANK / uphill or hurry / on level ground] because... READ OUT...  
CODE ONE ONLY

- 1 ...it makes you short of breath to do so,
- 2 ...it causes other discomfort to do so,
- 3 ...you prefer not to,
- 4 or, for some other reason?

END OF FILTER

*If (whether gets short of breath when walking on level ground = [yes, no]) [(HeRpe = [1, 2])]*

**HERPF**

Do you have to stop for breath when walking at your own pace on level ground?

- 1 Yes

2 No

END OF FILTER

END OF FILTER

**HERPG**

Have you had attacks of wheezing or whistling in your chest at any time in the last 12 months?

1 Yes

2 No

**HERPH**

Have you at any time in the past 12 months been woken at night by an attack of shortness of breath?

1 Yes

2 No

**HERPI**

Have you ever had attacks of shortness of breath with wheezing?

1 Yes

2 No

*IF whether ever had attacks of shortness of breath with wheezing = yes [HeRpi = 1]*

**HERPJ**

Is / Was your breathing absolutely normal between attacks?

1 Yes

2 No

END OF FILTER