

### Welcome

The outbreak of the novel coronavirus has changed our life within shortest time. In many countries, public life has been reduced or canceled (e.g. by means of business closures, bans of public gathering or quarantine) in order to reduce social contact and, with this, contain the pandemic. For many individuals, regular access to gyms, sports clubs or sports facilities is no longer possible.

We, an international group of scientists from several universities, aim to help all those being affected by the current situation. To promptly create new exercise programs, contents and methods, we conduct a brief survey assessing your physical activity levels well-being during the pandemic. Our survey will take less than 10 minutes.

The guidelines of good ethical research stipulate that participants in empirical studies explicitly and comprehension agree to participate.

**Voluntary.** Your participation in this investigation is voluntary. You are free to cancel your participation at any time in this study without incurring any disadvantages.

**Anonymity.** Your data is treated confidentially, will be stored encrypted and password-protected, only be evaluated anonymously and not be passed on to third parties. All collected data will only be used for scientific purposes. Demographic information such as age or gender does not allow a clear conclusion to be drawn with regard to yourself.

**Questions.** If you still have questions about this study, you can find the contact details of the principal investigator of this study in the bottom of each page ('Imprint ASAP').

By participating in this survey (indicated by clicking the 'Participate'-button), I confirm that I am older than 18 years and have read and understood the informed consent.

Participate

	Page 02
	SD
Please indicate your sex.	SD01 🗉
O Male	
◯ Female	
O Non-binary	
O I prefer not to say	
What is your age?	SD02 🗉
years	
Where do you live?	SD04 🗉
[Please choose] v	
Where do you work since the virus outbreak in your country?	SD03 🗉
Remotely (Home office)	
O Office/regular place of work	
O both	
I do not have a formal employment.	

	Page 03 Arbeit
Do you currently work part-time or full-time?	SD05 🗉
◯ full-time	

- O part-time
- O I do not want to tell

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Page 04
КН
respiratory tract infection since the virus outbreak in your HO1 B educe your regular movement behaviour due to these symptoms.
Page 05
Corona
navirus? (KHO2 🗉
a helathcare professional.
Page 06
Einschraenkung
уs you have been limited in your ability to leave your home and g. prohibition of face-to-face contact, business closures,
Page 07

From here, we will repeatedly ask how certain situations and conditions have changed in your country since the **Country** of the novel coronavirus. For instance, if you just stated to be restricted in your ability to move freely since 14 days, please always compare the situation during these last 14 days to 14 typical days prior to the outbreak. If you chose 30 days, please compare these 30 days with 30 typical days prior to the outbreak.

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#### Page 08 KAFrei

**KA09** 

KA01 🗉

KA03 🗉

We would like to know, how physically active you have been in your **free time** (including commuting from and to work). We only ask about moderate and vigorous activities – light activities do not need to be reported.

<u>Moderate</u> activities are those where your hearbeat increases and you breathe faster (e.g. brisk walking, cycling as a means of transport or as a exercise, heavy gardening, running or recreational sports).

<u>Vigorous</u> activities are those that get your heart racing, make you sweat and so short of breath that you find it difficult to speak (e.g. swimming, running, cycling at high speeds, cardio training, weigh-lifting or team sports such as football).

#### Moderate and vigorous activities

Physical activities in leisure time

On a typical week, how much time do you spend in total on both moderate and vigorous physical activities?

Please sum all activities with a minimal duration of 10 minutes. Enter 0, if there was not at least one activity of more than 10 minutes.

before the outbreak	Minutes per week.	
since the outbreak	Minutes per week.	

#### Vigorous activities only

How much of that time you indicated above, do you spend in total on **vigorous physical activities** only? Please sum all activities with a minimal duration of 10 minutes. Enter 0, if there was not at least one activity of more than 10 minutes.

before the outbreak	Minutes per week.
since the outbreak	Minutes per week.

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#### Page 09 KAJob

#### (KA10

Physical activity in your job While the previous questions addressed free time, the following two focus on work/occupational time. Again, we only ask about moderate and vigorous activities – light activities do not need to be reported.

Moderate activities are those where your hearbeat increases and you breathe faster (e.g. brisk walking).

<u>Vigorous</u> activities are those that get your heart racing, make you sweat and so short of breath that you find it difficult to speak (e.g. repeated lifting of heavy weights).

Moderate and vigorous activities	KA07 🗉
On a typical week, how much time do you spend in total on both moderate and vigorous physical activities?	Rahmen
Please sum all activities with a minimal duration of 10 minutes. Enter 0, if there was not at least one activity of n 10 minutes.	
before the outbreak Minutes per week.	

#### Vigorous activities only

since the outbreak

How much of that time you indicated above, do you spend in total on vigorous physical activities only?

Minutes per week.

Please sum all activities with a minimal duration of 10 minutes. Enter 0, if there was not at least one activity of more than 10 minutes.

before the outbreak	Minutes per week.
since the outbreak	Minutes per week.

#### Page 10 Aktivitaetsniveau

KA08 🗉

 KA11 ©

 Please indicate the impact of the restrictions in public life on your overall level of activity (now including also light and very light activities such as shopping, walking, etc.)



	Page 11
	KA3
How did you engage in sport or exercise before the virus outbreak in your country?	(KA05 🗆
Multiple choice possible.	
Gym	
Sports club	
Self-organised outdoor (e.g. running, cycling in nature)	
Self-organised at home (e.g. cycle ergometer, dumbbells)	
others	
🔲 not at all	
	<b>KA06</b>
How did you engage in sport or exercise since the virus outbreak in your country?	
Multiple choice possible.	
self-organised outdoor (e.g. running, cycling in nature)	
self-organised at home (e.g. cycle ergometer, dumbbells)	
others	

lley-proof base (ASAP) 14.0	5.2022, 12.20	https://:	survey.studi	unuignaic	.um-mankru	t.de/admi	n/preview.ph
							Page 12 Pain
Please indicate w	hether you suffered from	musculoskeletal pain	<u>before</u> an	d/or <u>sinc</u> e	e the virus	outbreak	WB13 🗉
The musculoskeleta and their functions.	al system comprises all par	ts of the skeletal syster	n with bone	es, muscle	s, ligaments	s, tendon	s, joints
		no pain	very light pain	light pain	moderate pain	strong pain	very strong pain
before outbreak		0	0	0	0	0	0
since outbreak		0	0	0	0	0	0
How much did pai	in interfere with your nor	nal work (including bo no pain	o <b>th work o</b> not at all		e home and	<b>l housew</b> quite a bit	WB14 VOTK) ?
before outbreak		0	0	0	0	0	0
			0	0	0	0	

BMJ Open

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### Page 13 Checkliste

question('WB15', 'combine=WB16')		WB15 🗉
Please list all body regions where you had pain <u>before</u> (left boxes) and/	or <u>side</u> (right boxes) the o	NSet WB16 D
	before	since
Multiple selections in both columns are possible.	outbreak	outbreak
l did not have pain.		
Neck/cervical spine		
Shoulder		
Upper arm		
Elbow		
Forearm		
Wrist		
Hand		
Fingers		
Thoracic spine/upper back		
Sternum/Ribs		
Lumbar spine/lower back		
Abdomen		
Pelvis/buttock		
Hip		
Groin		
Thigh		
Knee		
Lower leg		
Ankle/achilles tendon		
Foot/toes		

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# Page 14

WHO5

Please indicate for each of the five statements which is closest to how you have been feeling before the	WB10 🗉
Please indicate for each of the live statements which is closest to now you have been reening <u>before</u> the	outpreak
of the novel coronavirus.	

	all the time	most of the time	a little more than half of the time	a little less than half of the time	every now and then	at no time
Before the outbreak						
I have felt cheerful and in good spirits	0	0	0	0	0	0
I have felt calm and relaxed	0	0	0	0	0	0
I have felt active and vigorous	0	0	0	0	0	0
I woke up feeling fresh and rested	0	0	0	0	0	0
my daily life has been filled with things that interest me	0	0	0	0	0	0

Please indicate for each of the five statements which is closest to how you have been feeling since the outpreak of the novel coronavirus.

	all the time	most of the time	a little more than half of the time	a little less than half of the time	every now and then	at no time
Since the outbreak						
I have felt cheerful in good spirits	0	0	0	0	0	0
I have felt calm and relaxed	0	0	0	0	0	0
I have felt active and vigorous	0	0	0	0	0	0
I woke up feeling fresh and rested	0	0	0	0	0	0
my daily life has been filled with things that interest me	0	0	0	0	0	0

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	te the influence ad gyms, bans						oronavir	WB19 🗉
ell-being					nine) on yo	ur persona		
0	0	0	no influence	0	0	0	0	strong positive influence
ing								(WB20 🗉
0	0	0	no influence	0	0	0	0	strong positive influenc
eak of the no	vel coronaviru	is, sport	and/or phys	ical activ	ity helps me	e deal with	ı the ovei	WB12 🗉
	rather disagree				rather agree			totally agree
0	0	0	0	0	0	0	0	0
								Page 1
	eak of the no	eak of the novel coronaviru rather disagree	eak of the novel coronavirus, sport rather disagree	eak of the novel coronavirus, sport and/or phys rather disagree	eak of the novel coronavirus, sport and/or physical activ	no influence eak of the novel coronavirus, sport and/or physical activity helps me rather disagree rather	ing no influence eak of the novel coronavirus, sport and/or physical activity helps me deal with rather disagree rather agree	ing no influence eak of the novel coronavirus, sport and/or physical activity helps me deal with the over rather disagree rather agree

O yes

O no

https://survey.studiumdigitale.uni-frankfurt.de/admin/preview.php?t=407... Galley-proof base (ASAP) 14.03.2022, 12:20 Page 17 TP2 TP02 🗉 How much time per week would you like to spend for such a training program? Minutes per training session/workout TP04 🗉 How often would you like to exercise? O daily O 4-6 times a week O 3-4 times a week O 1-2 times a week TP03 🗉 Which type of exercise would you like to perform? Multiple choice possible. Strength Endurance Coordination/Balance Cognition Flexibility/Stretching Relaxation no preference

	Page 18
	Code
Thank you for participating!	(EN04
You are welcome to visit us on our homepage as well as on Facebook and Instagram:	<b>EN05</b>



Homepage Facebook Instagram

Please feel free to share this survey with your family, work colleagues and friends! Thank you!

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Last Page

## Thank you for participating!

Your answers have been saved, you can now close the browser window.

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