

National Natusius' Pipistrelle Project COVID-19 risk assessment

1. IUCN risk assessment form

Assessor name		Assessment date	
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(1) What is the epidemiological status of the research team's country or region?

IUCN Questions and Indicators	NBMP suggested sources	NBMP suggested benchmarks	Risk level (Green, Amber, or Red)
(a) Indicator of COVID-19 circulation rates in the population country: Infection rate For example: daily (or weekly) average number of new cases/100,000 inhabitants over a rolling time period.	https://coronavirus.data.gov.uk/details/interactive-map/cases Click on your area on the interactive map to see the case rate per 100,000 people	Last 7 days 0-99 = low risk (GREEN) 100-399 = medium risk (AMBER) 400+ = high risk (RED) ¹	
(b) Proportion of people vaccinated	https://coronavirus.data.gov.uk/details/interactive-map/vaccinations Click on your area on the interactive map to see the percentage of the population who have had their booster or third dose.	80% and above = low risk (GREEN) ² 60-79% = medium risk (AMBER) <60% = high risk (RED)	
(1) Overall rating for epidemiological risk (home):			
2 Red = RED			
1 Red, 1 Amber = RED			
2 Amber = AMBER			
1 Amber, 1 Green = AMBER			
1 Green, 1 Red = AMBER			
2 Green = GREEN			

¹ Adapted from the UK Government interactive map at <https://coronavirus.data.gov.uk/details/interactive-map/cases>

² Based on potential minimum needed for herd immunity (<https://www.webmd.com/lung/news/20210803/delta-variant-could-drive-herd-immunity-threshold-over-80>)

(2) What is the epidemiological status of the research country or region?

If research country or region is the same as home country or region (1) repeat selections made in (1) here. For the majority of survey teams in the UK, assessments (1) and (2) are likely to be identical, but when completing (1) please consider whether you have survey team members attending from other countries/English regions.

IUCN Questions and Indicators	NBMP suggested sources	NBMP suggested benchmarks	Risk level (Green, Amber, or Red)
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(b) Proportion of people vaccinated	https://coronavirus.data.gov.uk/details/interactive-map/vaccinations Click on your area on the interactive map to see the percentage of the population who have had their booster or third dose.	80% and above = low risk (GREEN) 60-79% = medium risk (AMBER) <60% = high risk (RED)	
(2) Overall rating for epidemiological risk (research site): 2 Red = RED 1 Red, 1 Amber = RED 2 Amber = AMBER 1 Amber, 1 Green = AMBER 1 Green, 1 Red = AMBER 2 Green = GREEN			

(3) How many members of the research team are fully vaccinated?

IUCN Questions and Indicators	NBMP guidance	IUCN benchmarks	Risk level (Green, Amber, or Red)
Fully vaccinated means completed the vaccination series and the period to full vaccine protection has been reached. Research team refers to people who will be in direct contact with bats.	Please use your discretion as to whether you feel you need to ask for evidence of vaccination or simply take this on trust. ³ Fully vaccinated includes a booster where people are due for this.	None or a few = High risk (RED) Some = Medium risk (AMBER) All = Low risk (GREEN)	

(4) How many members of the support staff are fully vaccinated?

IUCN Questions and Indicators	NBMP guidance	IUCN benchmarks	Risk level (Green, Amber, or Red)
Fully vaccinated means completed the vaccination series and the period to full vaccine protection has been reached. Support staff includes field assistants, laborers, porters, field station support etc, who will be in direct contact with the research team.	Please use your discretion as to whether you feel you need to ask for evidence of vaccination or simply take this on trust. ³ Fully vaccinated includes a booster where people are due for this.	None or a few = High risk (RED) Some = Medium risk (AMBER) All = Low risk (GREEN)	

Overall risk

IUCN Indicators	IUCN guidance	IUCN benchmarks	Risk level (High/Medium/Low)
Based on assessments of the 4 categories: (1) epidemiological context – home (2) epidemiological context -- research site (3) vaccination status -- research team (4) vaccination status -- support staff	If 4/4 green -- LOW RISK, but measures to PROTECT bats still required. If 3 or 4 of the 4 categories are red -- HIGH RISK, adopt MAP strategy ⁴ (within the MAP strategy options, BCT guidance is to delay the survey until a new assessment indicates risk reduced to acceptable level) If 2 or less red (e.g., all amber, or 2 red + 2 green) -- RISK that can be mitigated, proceed with caution.	High risk (3 or 4 RED) Medium risk (1 or 2 RED) Low risk (all GREEN)	

³ Be aware that if you keep a written record of names and vaccination status this is personal data which comes under GDPR and requires a privacy notice, stating how you will use this information and how long you will keep it for.

⁴ MAP strategy = Minimize, Assess, Protect (see <https://www.iucnbsg.org/bsg-publications.html>)