**README\_Maggs\_2022\_donkeys\_Ghana**

1. ABOUT THE DATASET

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Title: Data supporting 'The value of donkeys to livelihood provision in northern Ghana.’

Creator(s): Maggs, Heather C

Organisation(s): University of Reading

Rights-holder(s): University of Reading

Publication Year: 2022

Description: The research was undertaken to investigate the value of donkeys to various stakeholders in northern Ghana.

This dataset consists of four parts. The first part, a folder entitled ‘1\_Data.zip’ contains eight separate zipped datafiles. These comprise the original, anonymised research data collected with both donkey and non-donkey owners in northern Ghana on their perceptions of the value of their donkeys to their livelihood provision. Relevant data underpinning seven specific charts and tables in the paper currently under review include why people keep donkeys and barriers to owning them; the frequencies of certain activities undertaken with donkeys across the year; the reasons why non-donkey owners would like to own donkeys; temporal and contemporary costs of purchase of donkeys and, in three different scenarios, which animal would participants sell first to meet unexpected costs of living.

The second part, a folder entitled ‘2\_FAO\_Livestock\_Data.zip’ contains one file of the temporal and current numbers of live asses in Ghana and Burkina Faso recorded by the Food and Agriculture Organisation (FAO) and downloaded from their website (<https://www.fao.org/faostat/en/#home> and <https://www.fao.org/faostat/en/#data/QCL>).

The third part, a folder entitled ‘3\_Documentation.zip’ provides the documentation that enabled the research study to take place in two further zipped files: Methodology and Research Instruments.

The fourth part, a restricted folder entitled ‘4\_Consent Forms.zip’ provides nine consent forms for the research instruments held with various participants in the study.

Cite as: Maggs, Heather (2022): Data supporting ‘The value of donkeys to livelihood provision in northern Ghana’. University of Reading. Dataset.

<https://doi.org/10.17864/1947.000408>

Related publications: 1. Maggs, H.C., Ainslie, A. and Bennett, R.M., 2022

‘The value of donkeys to livelihood provision in northern Ghana’

Status at time of deposit; under review.

2. Maggs, H. C. , [Ainslie, A.](https://centaur.reading.ac.uk/view/creators/90005105.html) and [Bennett, R. M.](https://centaur.reading.ac.uk/view/creators/90000246.html) (2021) Donkey ownership provides a range of income benefits to the livelihoods of rural households in northern Ghana. Animals, 11 (11). ISSN 2076-2615

3. FAO: Crops and livestock products. License: CC BY-NC-SA 3.0 IGO. Extracted from: <https://www.fao.org/faostat/en/#data/QCL>

Date of Access: 15-05-2022.

Contact: heathermaggs@btconnect.com

2. TERMS OF USE

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Folders 1, 3 and 4: All rights reserved. Copyright 2022 University of Reading. This dataset is licensed under a Creative Commons Attribution 4.0 International Licence.

Folder 2: FAO: License: CC BY-NC-SA 3.0 IGO.

3. PROJECT AND FUNDING INFORMATION

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Title: ‘On the value of donkeys’

Dates: 17 April 2017 – 15 October 2021

Funding organisation: The Donkey Sanctuary, a UK charity/NGO

4. CONTENTS

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This data repository contains:

1. One Data file, containing a further eight files, containing the original raw data pertaining to the construction of relevant tables and charts in the paper ‘The value of donkeys to livelihood provision in northern Ghana,’ currently under review and a redacted raw dataset of the Equid Assessment Research Scoping (EARS) tool. Only the data from the EARS dataset supporting this paper is freely available. All redacted data is utilised in a paper in preparation and will be made available upon its publication.
2. One FAO Livestock Data file, containing data and links to the FAO crops and livestock dataset, used to generate one figure in the paper under review.
3. One Documentation file, containing two further files which include copies of the research instruments and coding book that underpins the research study.
4. One restricted Consent Forms file containing a further nine files that enabled the research study to take place.

File listing

**1\_Data.zip;**

1\_a\_Datafile\_1\_Raw\_EARS\_data.zip;

1aiDF\_1\_Raw\_EARS\_data.csv.

1\_b\_Datafile\_2\_Task\_frequencies.zip;

1biDF\_2\_Task\_frequencies.csv;

Original raw data from donkey owning survey questionnaire (n = 23) in a .csv file used to construct Table 2;

1biiDF\_2\_Task\_frequencies.pdf;

Metadata format containing example screenshots of the original question and answers with a copy of Table 2 displaying the frequencies of various livelihood activities undertaken with donkeys across the year, by month.

1\_c\_Datafile\_3\_Why\_keep\_donkeys.zip

1ciDF\_3\_Why\_keep\_donkeys.csv;

Original raw data from question 37 of the donkey owning survey questionnaire, amalgamated with the relevant data from the EARS donkey assessments (Data\_File\_1) in a .csv file used to construct Figure 5.

1ciiDF\_3\_Why\_donkeys\_in\_Ghana.csv;

Original raw data from Datafile 1.d.i. grouped to demonstrate how Figure 5 was produced.

1ciiiDF\_3\_Why\_donkeys\_gender.csv;

Original raw data from Datafile 1.d.i. grouped by gender to demonstrate how Figure 5 was produced.

1civDF\_3\_Why\_keep\_donkeys.pdf;

Metadata format containing example screenshots of the original question and answers, as well as screenshots of Figure 5a and 5b.

1\_d\_Datafile\_4\_NDO\_interview.zip;

1diDF\_4\_NDO\_interview.pdf;

Metadata format containing original interview transcript of a non-donkey owning participant, originally typed in word, used to construct Table 3. All names used are pseudonyms.

1\_e\_Datafile\_5\_Hiring\_donkeys.zip

1eiDF\_5\_Hiring\_donkeys.csv;

Original raw data from question 37 of the donkey owning survey questionnaire, amalgamated with the relevant data from the EARS donkey assessments (Data\_File\_1) in a .csv file used to construct Figure 6.

1eiiDF\_5\_Why\_donkeys\_in\_Ghana.csv;

Original raw data from Datafile 1.f.i. grouped to demonstrate how Figure 6 was produced.

1eiiiDF\_5\_Why\_donkeys\_gender.csv;

Original raw data from Datafile 1.f.i. grouped by gender to demonstrate how Figure 6 was produced.

1eivDF\_5\_Why\_keep\_donkeys.pdf;

Metadata format containing example screenshots of the original question and answers, as well as screenshots of Figure 6a and 6b.

1\_f\_Datafile\_6\_Wanting\_a\_donkey.zip;

1fiDF\_6\_Wanting\_a\_donkey.csv;

Original raw data from the full survey questionnaire (n = 41) in a .csv file, from which eight non-donkey owning responses are used directly to construct Table 4.

1fiiDF\_6\_Wanting\_a\_donkey.pdf;

Metadata format containing example screenshots of the original question and answers, as well as a copy of Table 4.

1\_g\_Datafile\_7\_Costs\_of\_donkeys.zip;

1giDF\_7\_Costs\_of\_donkeys.csv;

Original raw data from question 52 in a .csv file from both the wet season survey questionnaire asked of both donkey and non-donkey owning respondents, used to construct Table 5

1giiDF\_7\_Costs\_of\_donkeys.pdf;

Metadata format containing example screenshots of the original question and answers, a screenshot of Table 5a and 5b and provides links and a citation to the paper from which additional data is included in Table 5.

1\_h\_Datafile\_8\_Which\_sell\_first.zip;

1hiDF\_8\_ Which\_sell\_first.csv;

Original raw data from question 37 in a .csv file from both the wet season survey questionnaire, amalgamated with the wet season transcripts from the in-depth interviews, asked of both donkey and non-donkey owning respondents. 1hiiDF\_8\_ Which\_sell\_first.pdf;

Metadata format containing example screenshots of the original question and answers from both the survey and interview transcripts. It also contains coding details and information on how this data was grouped to produce Figure 9, as well as screenshots of Figure 9 itself.

**2\_FAO\_Livestock\_Data.zip**

2\_a\_Datafile\_1\_FAO\_Donkey\_Pops.zip;

2aiDF\_1\_FAO\_Donkey\_Pops.csv;

FAO data in a .csv file, used to construct Figure 4;

2aiiDF\_1\_FAO\_Donkey\_Pops.pdf;

Metadata format containing the links to the relevant FAO website with a copy of Figure 4.

**3\_Documentation.zip**

3\_a\_Datafile\_1\_Methodology.zip;

3aiDF\_1\_Coding\_Book.csv;

Contains a .csv coding book for the wet and dry season survey questionnaires, with 90 cases and 893 rows.

3\_b\_Datafile\_2\_R\_Instruments.zip;

3biDF\_2\_Donkey\_Butchers\_IDG.pdf;

Donkey Butchers Informal Interview Discussion Guide.

3biiDF\_2\_Dry\_DO\_Interview\_DG.pdf;

Dry Season Donkey Owning Interview Discussion Guide.

3biiiDF\_2\_Dry\_DO\_Questionnaire.pdf;

Dry Season Donkey Owning Questionnaire.

3bivDF\_2\_Wet\_NDO\_Interview\_DG.pdf;

Wet Season Non-donkey Owning Interview Discussion Guide.

3bvDF\_2\_Wet\_NDO\_Questionnaire.pdf;

Wet Season Non-donkey Owning Questionnaire.

**4\_Consent\_Forms.zip**

4\_a\_Datafile\_1\_Consent\_Forms.zip;

4aiDF\_1\_ Assent\_Form\_Children.pdf.

4aiiDF\_1\_Gift\_Receipt\_Children.pdf;

A log of which small gift given to which child (e.g. coloured pencils; game of dominoes) as a thank you for their time and help.

4aiiiDF\_1\_Consent\_Form\_Parent.pdf.

4aivDF\_1\_Participant\_Info.pdf;

Participant Information Sheet.

4aixDF\_1\_CPIS\_and\_CF;

Overarching, combined Participant Information Sheet and Consent Form.

4avDF\_1\_Interview\_Consent\_Form.pdf.

4aviDF\_1\_Children\_PIS.pdf;

Children’s Participant Information Sheet.

4aviiDF\_1\_Questionnaire\_PIS.pdf;

Questionnaire Participant Information Sheet.

4aviiiDF\_1\_Introductory\_Letter.pdf;

Letter of introduction from Professor Richard Bennett to the study and Heather Maggs, to provide information to individuals and communities for consideration as to whether to take part to take part in the study.

5. METHODS

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Details of methods used to collect this data are available in the following related publications:

1. Maggs, H.C., Ainslie, A. and Bennett, R.M., 2022. ‘The value of donkeys to livelihood provision in northern Ghana.’

Under review.

1. Maggs, H.C., Ainslie, A. and Bennett, R.M., 2021. ‘Donkey ownership provides a range of income benefits to the livelihoods of rural households in Northern Ghana.’ *Animals*, *11*(11), p.3154.

<https://doi.org/10.3390/ani11113154>