Welfare Indicators

Hello and welcome

Page description:

Unique ID Action: Hidden Value

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D 270

Hello,

I am an independent researcher at Murdoch University in Perth, Western Australia, and I am undertaking a research project, funded by Meat and Livestock Australia, to develop key animal welfare measures for the livestock export industry, that:

- are informative about an animals' welfare
- are important to stakeholders (you)
- are practical for assessing livestock (sheep, cattle and goats) throughout the live export supply chain
- are economical, and
- are measurable and quantifiable

We want to know what you think about animal welfare in the live export industry, and what you want.

You have been sent this survey because you either work within the live export industry, or you have an interest in the industry, in particular animal welfare within the industry.

This survey will take approximately 30 minutes to complete.

You can save your progress and continue at a later stage by clicking 'save and continue' at the top of the screen at any point. Please remember to come back and complete the survey because your participation is important to us.

If you are uncomfortable completing the survey online, we can arrange for you to complete the survey by telephone.

We appreciate your time to complete this survey, and ask that you complete the whole survey as accurately and honestly as possible.

Information collected from this survey will be analysed and used to recommend welfare

measures to Meat and Livestock Australia and the livestock export industry. Your privacy is very important to us. Your participation in this study and any information will be treated in a confidential manner.

This study has been approved by the Murdoch University Human Research Ethics Committee (Approval 2015/013). If you have any reservation or complaint about the ethical conduct of this research, and wish to talk with an independent person, you may contact Murdoch University's Research Ethics Office (Tel. 08 9360 6677 (for overseas studies, +61 8 9360 6677) or e-mail ethics@murdoch.edu.au). Any issues you raise will be treated in confidence and investigated fully, and you will be informed of the outcome.

If you have any questions at any time during the completion of this survey, or would like to receive a copy of the results once the study is complete (estimated completion time January 2016) please send me an email at AWResearch@murdoch.edu.au
Results will also be available on our facebook page
https://www.facebook.com/animalwelfareresearch at the completion of the study.

There are comment boxes throughout the survey, if you wish to leave comments as you go.

Thank you

1. CONSENT

- 1. I agree voluntarily to take part in this study.
- 2. I have read the Information Sheet provided and been given a full explanation of the purpose of this study, the procedures involved and of what is expected of me.
- 3. I understand that I will be asked to complete a survey
- 4. The researcher has answered all my questions and has explained possible problems that may arise as a result of my participation in this study.
- 5. I understand I am free to withdraw from the study at any time without needing to give any reason.
- 6. I understand I will not be identified in any publication arising out of this study.
- 7. I understand that my name and identity will be not be collected.
- 8. I understand that all information provided by me is treated as confidential and will not be released by the researcher to a third party unless required to do so by law.

Do you consent to participate in this survey? *

Yes, I consent to participate in this survey

Demographics

Page description:



The questions in this section all relate to your background.

All information collected is kept confidential and will not be released to any third party.

ID 3	
2. What is your gender?	
Male	
© Female	
3. What age category are you?	
O 18-21	
© 21-30	
© 31-40	
© 41-50	
© 51-60	
C 61-70	
° >71	

10 390 4. Wh	nere were you born?
O	Australia
0	New Zealand / South Pacific
O	Middle East
O	Europe
0	Asia
0	Africa
0	North America
0	South America
0	Other *

Show/hide trigger exists. 391 5. Where are you currently based for work? If you are not currently working, please select the location of your last employment.
C Australia
New Zealand / South Pacific
C Middle East
© Europe
O Asia
O Africa
North America
C South America
Other *

Hidden unless: Question "Where are you currently based for work? If you are not currently working, please select the location of your last employment." #5 is one of the following answers ("Australia") 392 6. In which State or Territory are you based for work?
O WA
© SA
© NSW
© QLD
O NT
C TAS
© ACT
© VIC
967. Where have you lived most of your life?
C Rural / countryside only
City/town only
Mainly rural / countryside, some city/town
Mainly city/town, some rural / countryside

ID 21

- 8. What is your highest level of education?
 - C Did not complete high school
 - C Graduated high school or equivalent
 - Post-secondary school qualification (e.g. diploma)
 - O Undergraduate degree
 - Post-graduate degree (e.g. Masters, PhD)

Not important	Important
as food	
as lothing	
as a ompanion	
or vorking	
or ntertainment .e. acing)	
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as a eligious ymbol	
omments	

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Page description:

D 272

This section is to determine your connection with the livestock export industry

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66

- 10. Do you work with the live export industry (i.e. employed, supply, inspect, research)? *
 - Yes
 - O No

Show/hide trigger exists. Hidden unless: Question "Do you work with the live export industry (i.e. employed, supply, inspect, research)?" #10 is one of the following answers ("Yes")

519

- 11. In which area of the livestock export industry to you work most?
 - Producer / supplier
 - C Transport (truck, ship, aeroplane)
 - Export
 - Abattoir
 - Inspection / research

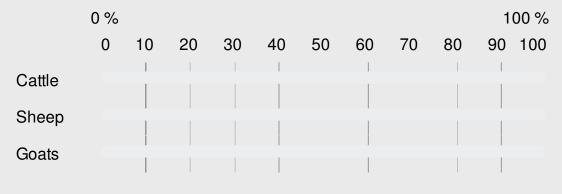
Hidden unless: Question "In which area of the livestock export industry to you work most?" #11 is one of the following answers ("Transport (truck, ship, aeroplane)") 521
12. In which transport areas do you work?
☐ Truck company owner / driver
☐ Ship owner / Captain
Aeroplane owner / pilot
☐ Stockperson (ship)
☐ Airport freight
☐ At the sea port
Administration
Hidden unless: Question "In which area of the livestock export industry to you work most?" #11 is one of the following answers ("Export") 10 525
13. In which export areas do you work?
☐ Stockperson at a feedlot
Pre-export assembly depot manager
□ Exporter
Administration / management

Hidden unless: Question "In which area of the livestock export industry to you work most?" #11 is one of the following answers ("Inspection / research") 524
14. In which areas do you inspect / research?
☐ Truck transport
Feedlot (in Australia)
Sea or air port (In Australia)
On-board ship
On-board aeroplane
Feedlot (not in Australia)
Abattoir (not in Australia)
(untitled)
Page entry logic: This page will show when: Question "Do you work with the live export industry (i.e. employed, supply, inspect, research)?" #10 is one of the following answers ("Yes")
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VALIDATION Min = 0 Max = 100

ID 17

15. What percentage of your work is associated with each of the following species? e.g. cattle: 50%, sheep: 40%, goats: 10%.



Comments

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601

16. Have you ever visited the following? Tick all that apply.

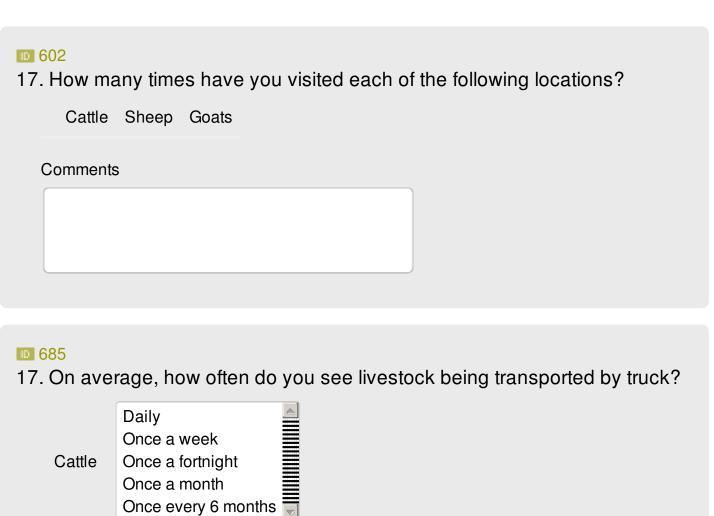
☐ Feedlot

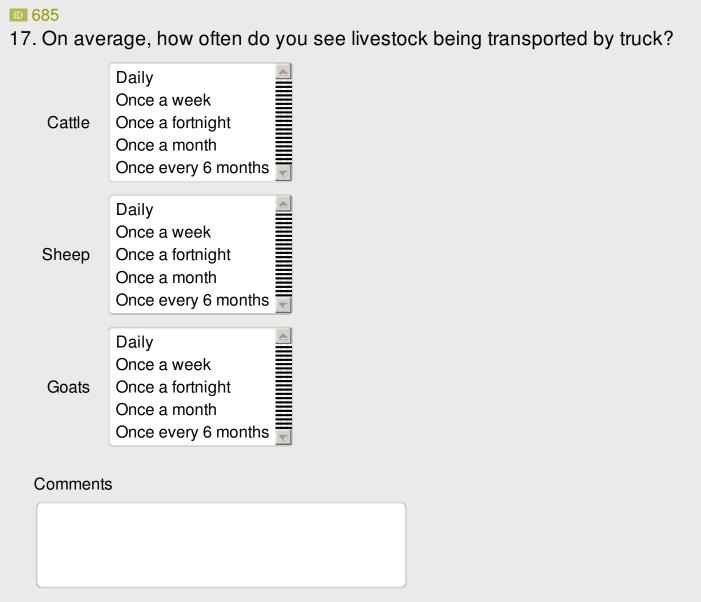
☐ A live export ship or the port

☐ An aircraft carrying livestock

☐ Abattoir

☐ None of the above

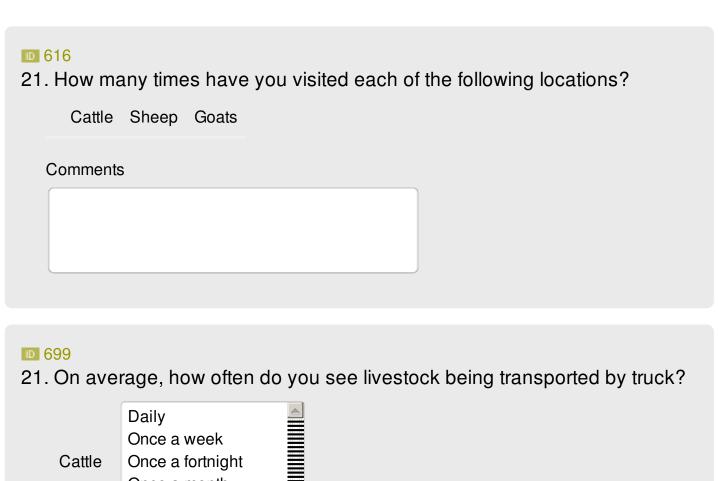




supply, inspect, research)?" #10 is one of the following answers ("No")
Page description:
19. What is your interest in the live export industry? Please select all that apply
Relative/friend works in the live export industry
☐ Concern for animals
Animal welfare advocate
Researcher/scientist
☐ Journalist/writer/media
☐ Don't care about it
Other
Show/hide trigger exists. 10 615 20. Have you ever visited or seen the following? Tick all that apply.
Livestock being transported by truck
Feedlot
A live export ship or the port
An aircraft carrying livestock
Abattoir
□ None of the above

This page will show when: Question "Do you work with the live export industry (i.e. employed,

Page entry logic:



Page descr	iption:			
D 299 This section	addresses what	you think about animal welfare	in the livestoc	k export industry.
☐ Journ ☐ Socia ☐ Perso	nalism media (prinal media (prinal media (Faceboonal experience ting to friends	of knowledge of the livest	tock export i	ndustry?
	s your opinion licate for each	of the livestock export inc	dustry as it is	s today?
	Continue as is	Continue with improvements	Should stop	Undecided
Cattle	О	0	O	0
Sheep	О	O	O	О
Goats	O	O	O	O
Commen	ts			

25. Do you have concerns about the welfare of animals during the livestock export process?

	Cattle	Sheep	Goats
During truck transport not in Australia	Sometimes Frequently Always	Sometimes Frequently Always	Sometimes Frequently Always
At the feedlot in Australia	Sometimes Frequently Always	Sometimes Frequently Always	Sometimes Frequently Always
During loading/unloading at the port (sea)	Sometimes Frequently Always	Sometimes Frequently Always	Sometimes Frequently Always
On-board ship during a voyage	Sometimes Frequently Always	Sometimes Frequently Always	Sometimes Frequently Always
On-board aeroplane during a flight	Sometimes Frequently Always	Sometimes Frequently Always	Sometimes Frequently Always
At the feedlot not in Australia	Sometimes Frequently Always	Sometimes Frequently Always	Sometimes Frequently Always
During slaughter (not in Australia)	Sometimes Frequently Always	Sometimes Frequently Always	Sometimes Frequently Always

Comments			

1 481

Now we are going to give you some examples of animal welfare measures and ask your opinions on them.

10 705

26. Which of the following indicators do you think are important when assessing animal welfare?

Description of welfare indictors

- *Behaviour means how an animal is expressing itself, or refers to what an animal is doing
- **Body condition score refers to how much fat is on an animal, whereas body weight encompasses the whole animal
- ***Respiration rate and character refers to how quickly and how easily an animal is breathing
- *****Rumination rate refers to how quickly food moves through the digestive system

	Do you think it is important to measure?		Do you think it is practical to measure?			
	Yes	No	Don't know	Yes	No	Don't know
Behaviour	0	0	О	0	O	С
Body condition score	O	O	О	O	0	0
Body temperature	0	0	О	0	0	O
Body weight	0	0	O	0	0	O
Death	0	0	O	0	0	O
Disease / health	0	0	O	0	0	O
Heart rate	0	0	O	0	0	O
Physiological status (i.e. pregnant / lactating)	0	O	O	0	0	О
Rumination rate	0	O	О	О	0	0
Respiration rate and character	0	О	0	0	0	О
Stress hormones	0	0	О	0	0	O
Wool length	0	0	0	0	0	O
Meat quality	0	0	О	0	0	O
Comments						

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100	_ / _	_

27. Which of the following **health** measures do you think are important when assessing animal welfare?

	Do you think it is important to measure?			Do you think it is practical to measure?			
	Yes	No	Don't know	Yes	No	Don't know	
Presence of disease	O	O	o	0	О	О	
Parasites	O	0	O	0	0	O	
Infection	O	0	O	0	0	O	
Injury/wounds	O	0	O	0	0	O	
Lameness	0	0	O	0	0	O	
Pain	0	0	O	0	0	O	
Sneezing	O	0	O	0	0	O	
Coughing	0	0	O	0	0	O	
Nasal discharge	0	0	O	0	0	O	
Faeces structure	0	0	O	0	0	О	
Inability to stand	0	0	0	0	0	O	
Vocalisations	O	O	0	0	0	O	

(Coi	mme	ents					

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	111.7	74	$\boldsymbol{\circ}$

28. Which of the following **environmental** measures do you think are important when assessing animal welfare?

	Do you think it is important to measure?		Do you think it is practical to measure?			
	Yes	No	Don't know	Yes	No	Don't know
Smell	0	0	O	0	0	O
Amount of ventilation	0	0	O	O	0	0
Air quality	O	0	O	O	0	0
Amount of shade	O	O	O	0	O	O
Amount of shelter from weather	0	0	O	0	0	O
Humidity	0	O	O	O	O	0
Air temperature	0	0	C	0	0	0
Daily amount of light	0	0	O	0	0	0
Noise	O	0	O	O	0	0
Weather	O	O	O	O	O	0
Comments						

733 29. How important is the time an arve export chain?	nimal spends at any one point along the
Not important	Important
During truck transport	
On-board a truck waiting to unload	
On-board ship docked at port	
On-board ship during a voyage	
On-board an aircraft during a flight	
At a feedlot in Australia	
At a feedlot not in Australia	
Comments	

ID 666

30. How important do you think the following factors are for the welfare of livestock in the live export industry?

Not important

Important

Vaccination status of the animal

Access to a vet

Design of facilities

Cleanliness of facilities

Competency of stockperson

Attitude of stockpersons

Animals can be traced from farm to slaughter

Suitability of species to the environment

Keeping animals in familiar social groups together

Animals with horns housed with animals without

horns			
Amount of space the animals have			
Access to bedding			
Use of an electric prod			
Use of a working dog			
Type of food available			
Feed quality			
Water quality			
Temperature of drinking water			
Amount of trough space			
ldentifying animals that don't eat			
Time off feed			
Time off water			
Transport conditions			
Truck driver behaviour			

Appropriate restraint during slaughter
Effective slaughter procedures
Comments
(untitled)
752 31. What do you think measuring animal welfare should be used for? Tick all that apply.
☐ The industry to self regulate
\Box The government to regulate the industry
To impose penalties and restrictions for poor welfare
To award incentives for good welfare
Highlight areas for research
Highlight areas for investment in welfare improvement
Provide measures of performance to the general public
Not used for any reason
Other *

753 32. Who do you think should be monitoring and measuring animal welfare? Tick all that apply.
Stockpersons
☐ Veterinarians that work for the live export industry
☐ Veterinarians that work for the Australian government
☐ Veterinarians that work for an overseas government
☐ Animal welfare inspectors
☐ Independent welfare inspectors
Exporters
☐ Abattoir animal welfare officers
Other *
 754 33. Do you think that data collected on animal welfare should: be confidential to the industry and government only be available to the public
(untitled)
Page description:

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■ 680
34. Are there any other animal welfare measures that we have not mentioned
that you think are important?
O Vas

O No

Hidden unless: Question "Are there any other animal welfare measures that we have not mentioned that you think are important?" #34 is one of the following answers ("Yes")

435

35. List any animal welfare indicators that we have not mentioned that you think are important?

Please list them in order of importance, with the indicator you think is most important as #1.

	Animal welfare indicator	Do you think it is prac	tical to measure?
	Animal Wellare Indicator	Yes	No
1		C	O
2		С	O
3		C	O
4		С	O
5		С	O
6		C	O
7		С	O
8		C	O
9		С	O
10		O	O

Please press the submit button at the bottom of this page

Thank You!

ID 1

Thank you for taking our survey. Your response is very important to us.

Results of this survey will be used to recommend appropriate animal welfare measures to the livestock export industry.

If you have any questions or comments, you can email me at AWResearch@murdoch.edu.au

If you would like to recieve a copy of the results once the study is complete (estimated completion time January 2016) please send me an email at AWResearch@murdoch.edu.au Results will also be available on our facebook page

https://www.facebook.com/animalwelfareresearch at the completion of the study.