



# Resources and Transport Survey

AZA Mid-year 2018

Deb Dial

[ddial@aqua.org](mailto:ddial@aqua.org)

Assistant Curator, Australia and Rain Forest

National Aquarium

Baltimore, Maryland

*speaker notes in italics*

# www.aviansag.org

aviansag.org/ASAG\_Documents/Shipping/Shipping.html



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### GET INVOLVED

### RECENT UPDATES

- Recent Workshops
  - AZA National Meeting - Indianapolis, IN - Sept 9-13, 2017
  - AZA Mid-Year Meeting - Albuquerque, NM - March 26-31, 2017

### UPCOMING EVENTS

- AZA Mid-Year Meeting - Jacksonville, FL - March 24-29, 2018
- AZA National Meeting - Seattle, WA - Sept 23-27, 2018

## Avian Shipping/Transportation

1. Airline Shipping Checklist
2. Bird Department A&D
3. Checklist for Animal Shipment
4. Entry/Exit Evaluation Table
5. Envelope Cover
6. Shipping Invoice Template
7. Transaction Forms
8. Transport Decision Tree and

### Links

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Animal Shipment Invoice

AM	
USDA#	
AZA#	
Contact	
Email	
Address	
Phone	
Fax	
Species	
Count	
Ship method	
Driver	
Ship Date	
to airport	
from airport	
airline	
flight #	
flight depart time	
flight arrive time	
conf #	
AWB #	
paid for shipping	
cost	
completed	

Invoice No. TimbukToo Zoo acct #10-320-653-0000  
 Date payment received \_\_\_\_\_  
 \_\_\_\_\_ x The shipping charges \$ \_\_\_\_\_, were charged to our Delta account #111-937-017 for this outgoing animal. Please invoice the recipient.  
 \_\_\_\_\_ The shipping charges \$ \_\_\_\_\_, were charged to our Delta account #111-937-017 for this incoming animal. Please invoice the sender.

Animal	ID (s)	Going to (include contact person and phone number)	Date
		Done by	Sent (date)
			Signed copy received back
Animal Transaction Confirmation Letter		Registrar	
Loan agreement		Registrar	
ADT		Curator + keeper	
Health Certificate		Vet	
Letter of Acclimation, if needed		Vet	
		Registrar/Vet	
		Vet	
		Registrar	
		Curator/Registrar	

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	Comments or notes
Needs	
Animal (can't be lifted by a single person)	
on 12 hours	
Transport	
Justification	Comments or notes
High profile animal (Marine Mammals, Apes, Pachyderms, current political/media climate surrounding a particular)	
Danger level of animal	
Lack of staff experience with transporting species	
Required on Transport	
Justification	Comments or notes
High profile animal (Marine Mammals, Apes, Pachyderms, current political/media climate surrounding a particular)	
Requirements required on Transport	
Justification	Comments or notes
Size of animal	
Due to	
Needed to ensure crates secure during transport	
Loading/Unloading assistance at destination	
Needed to drive a large rented truck	
Needed for specialized equipment during transport	
Distance/route of transport	
Number and Types of Vehicle on Trip	
Justification	Comments or notes
Needed to accommodate number of staff needed to travel	
Needed to accommodate equipment needed to travel	
High profile animals, sensitivity of shipment, route of	

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## SHIPPING: BIRDS



# www.educatedzookeeper.com



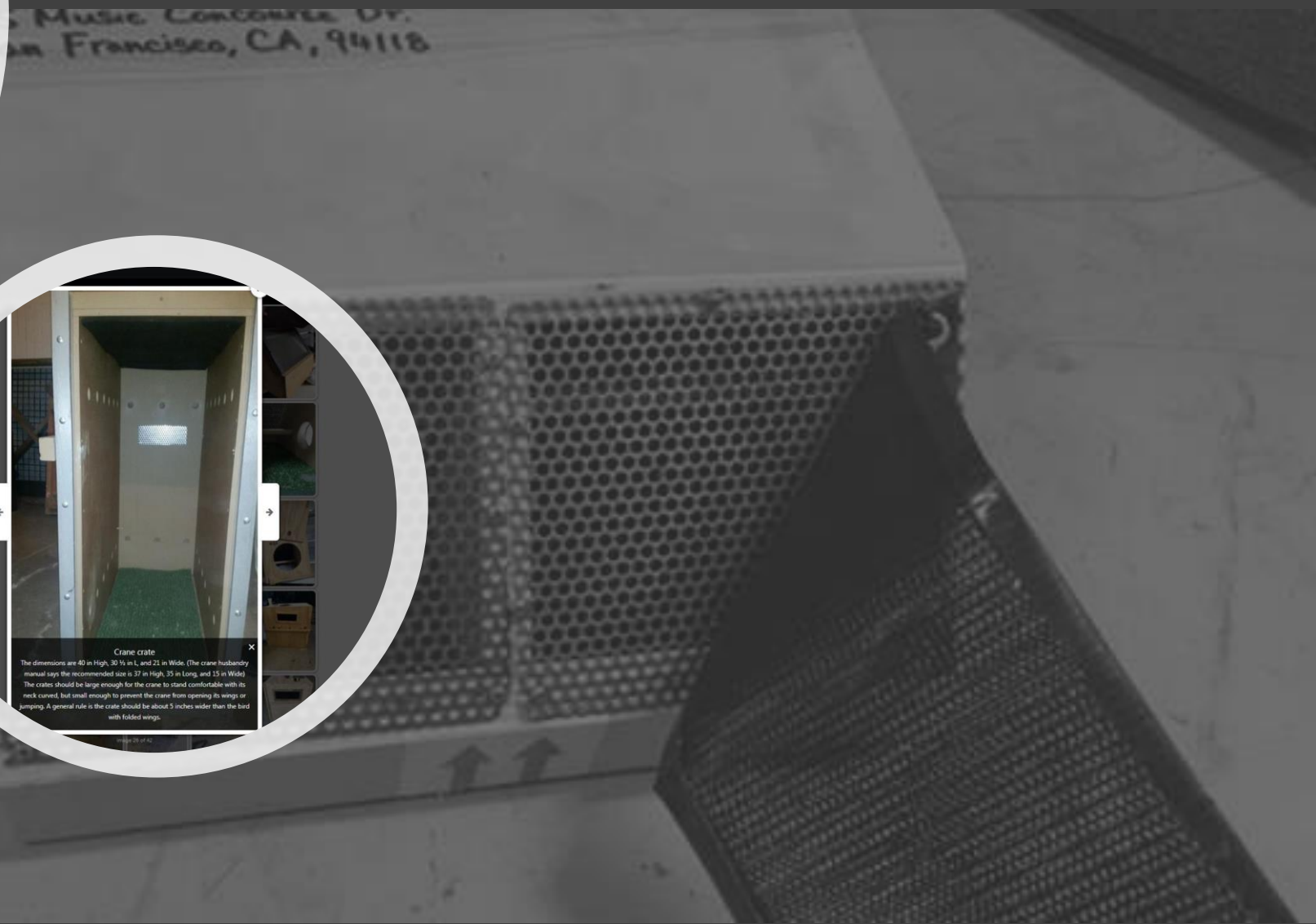
**Crane crate**

The dimensions are 40 in High, 30 1/2 in L, and 21 in Wide. (The crane husbandry manual says the recommended size is 37 in High, 35 in Long, and 15 in Wide) The crates should be large enough for the crane to stand comfortable with its neck curved, but small enough to prevent the crane from opening its wings or jumping. A general rule is the crate should be about 5 inches wider than the bird with folded wings.



**Atlantic Puffin(s) crate**

Several Atlantic Puffins 5+ hours transit ke packs Nomad Data Logger Temp kept at 60



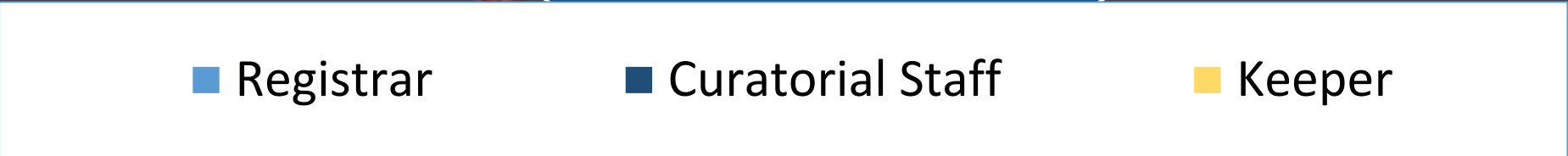
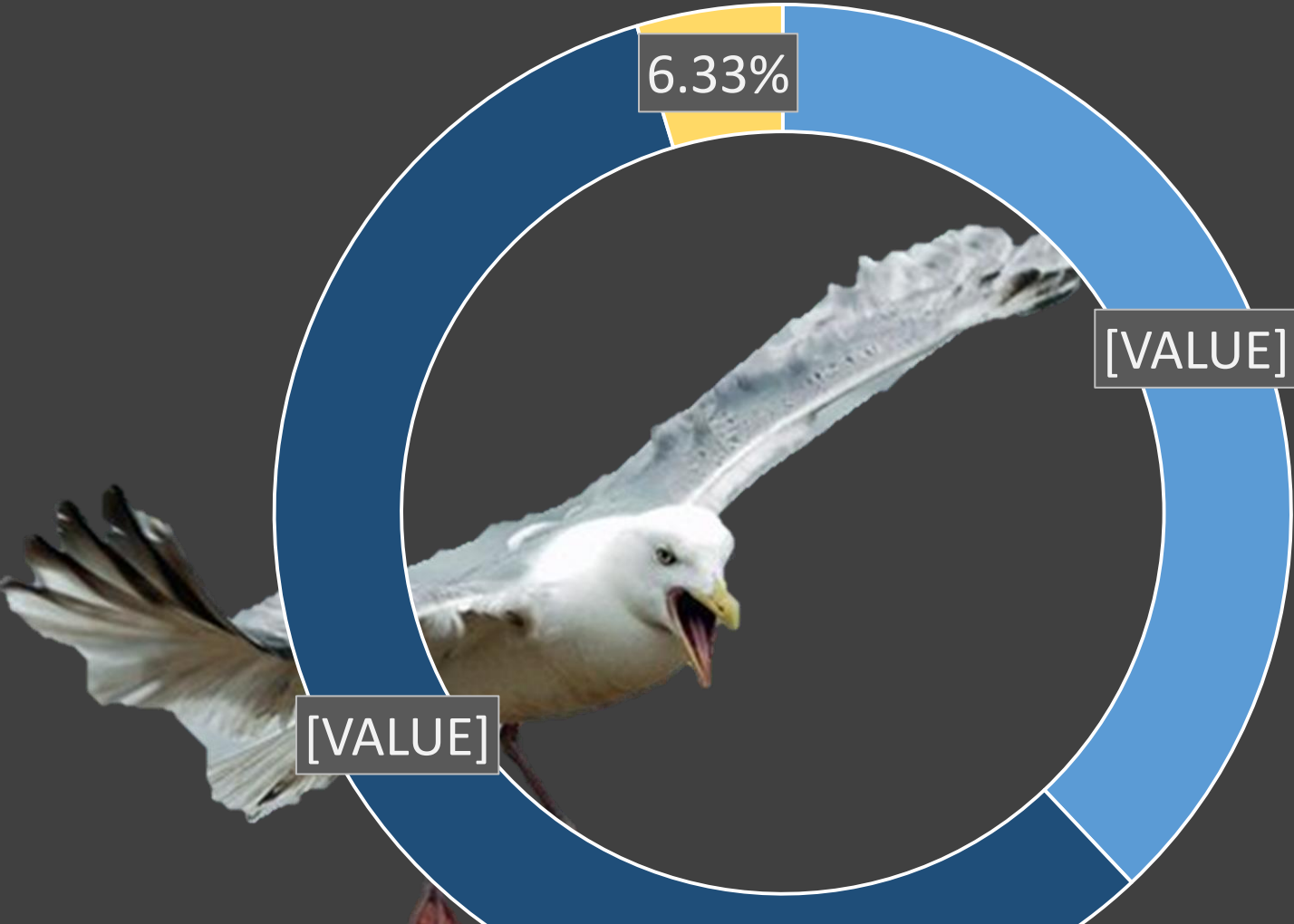
# Avian Transport Survey

## Survey Stats

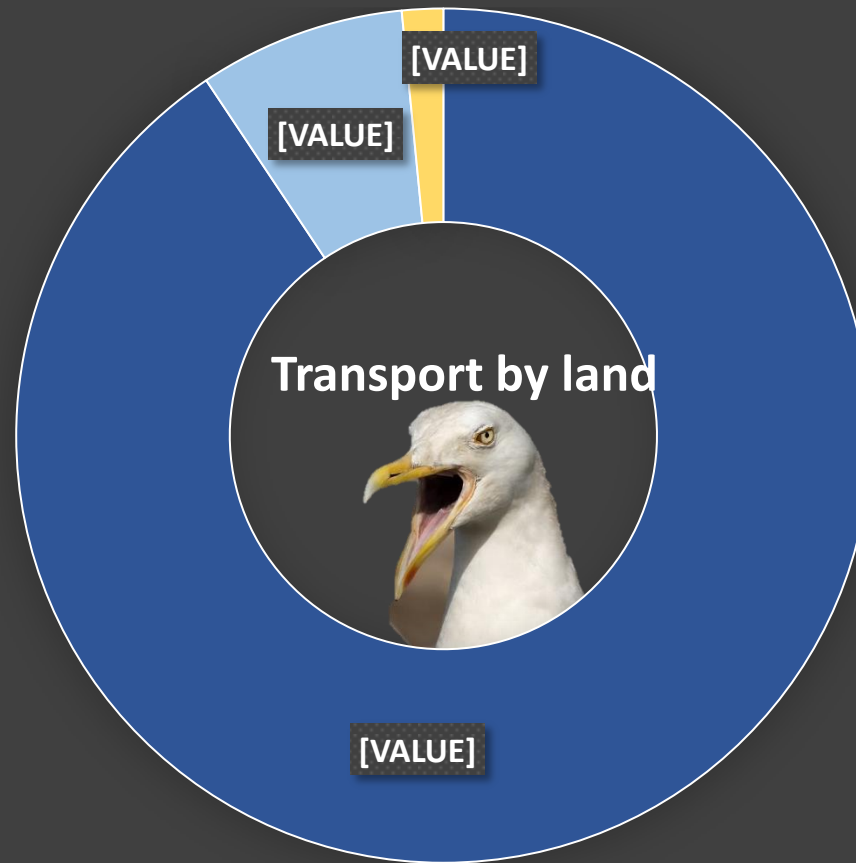
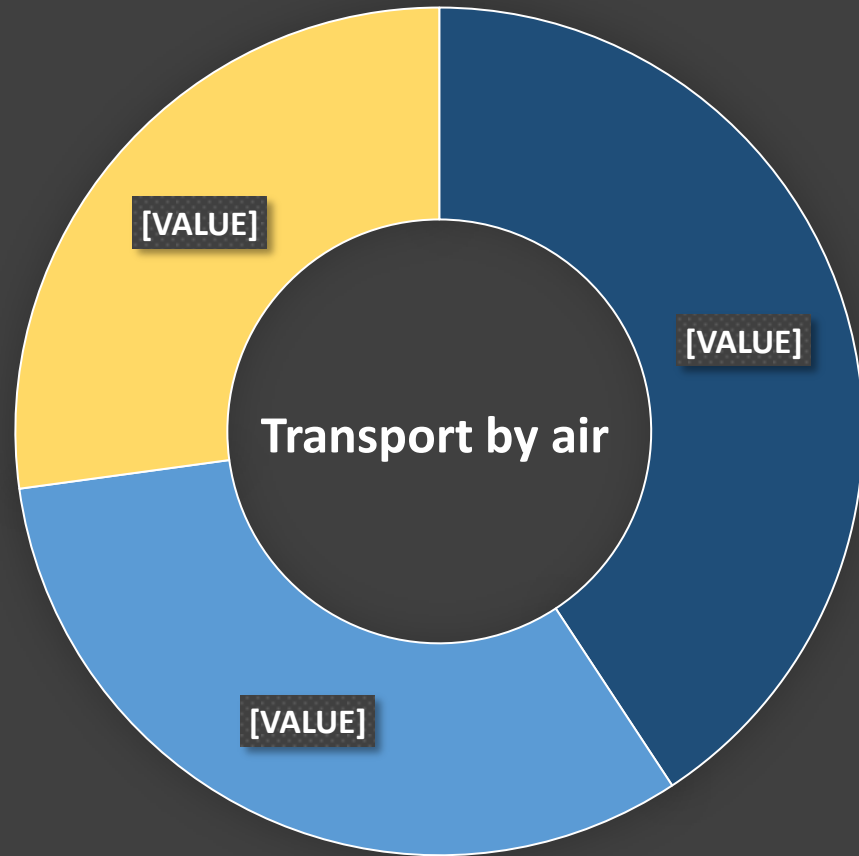
- Survey was sent out from AIG listserv
- Number of respondents: 81
- Number of respondents who provided institutional information: 75
- Number of institutions represented: 64 unique institutions
- Average time spent: 4 minutes 52 seconds



# Whose responsibility is it to arrange avian transportation?



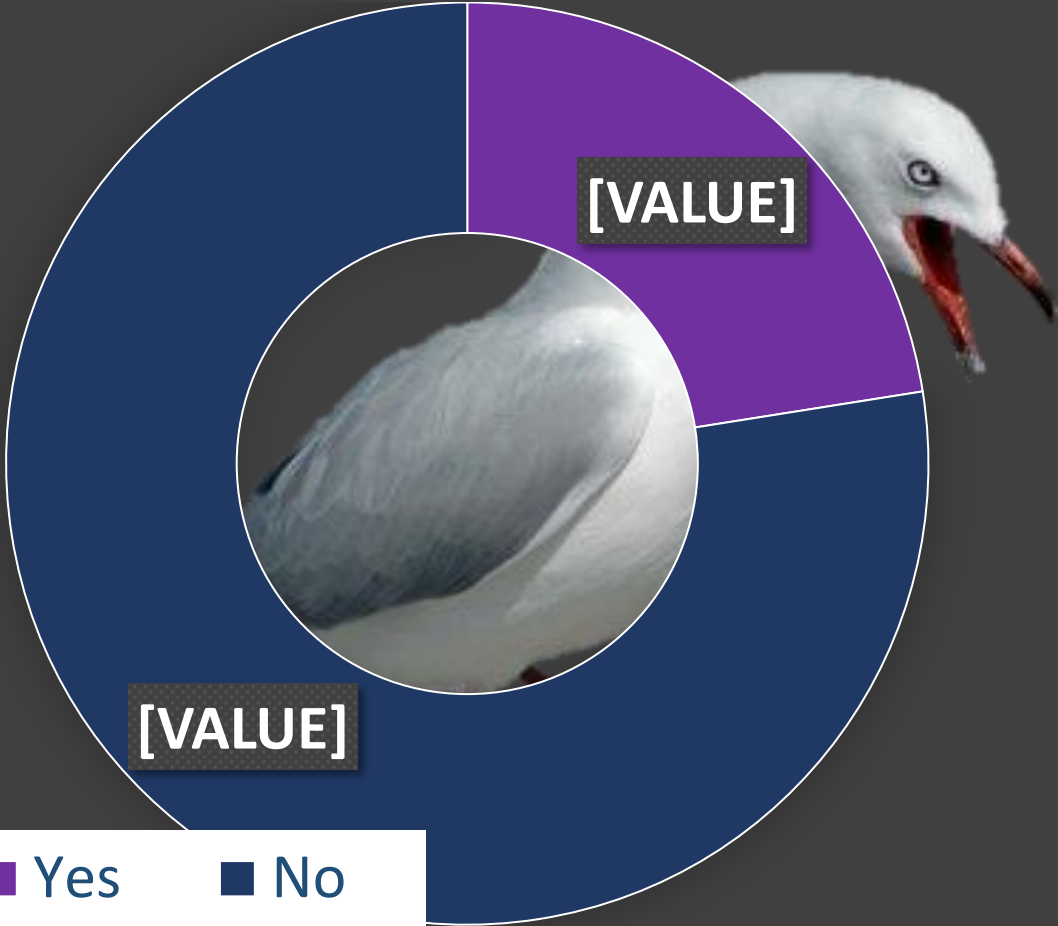
# On average, how often does your organization transport birds in a 12 month period?



■ 0-10 times   ■ 11- 20 times   ■ 21 times +

*Respondents are shipping more frequently by air. Less often by land.*

# For bird transport by air, does your organization have a minimum layover time for flights with connections different from the airline minimum?



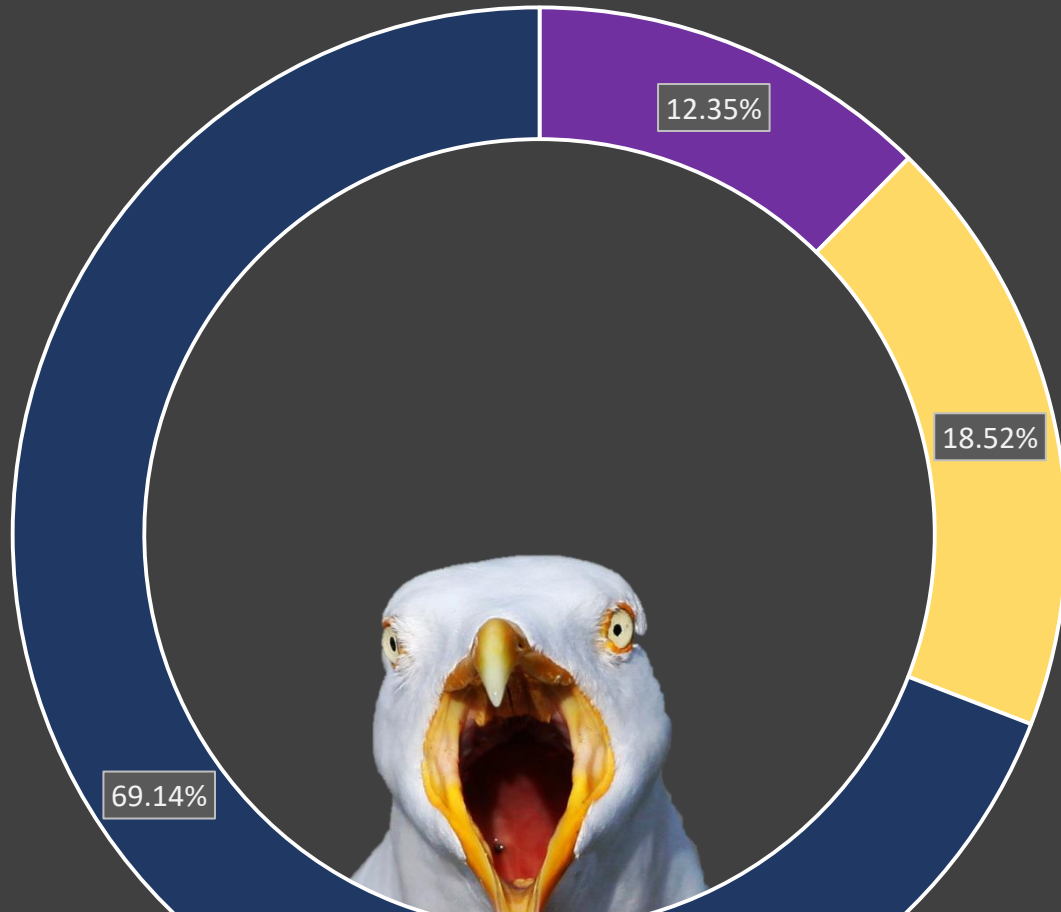
## Top Comments (27 comments)

- Species, weather, season dependent
- Most efficient, shortest, commonsense
- Airline requirements

## Times

- 1 hour (3)
- 1.5 hour (4)
- 2 hours (4)

# For bird transport by land, does your organization have a maximum amount of time allowed for travel?



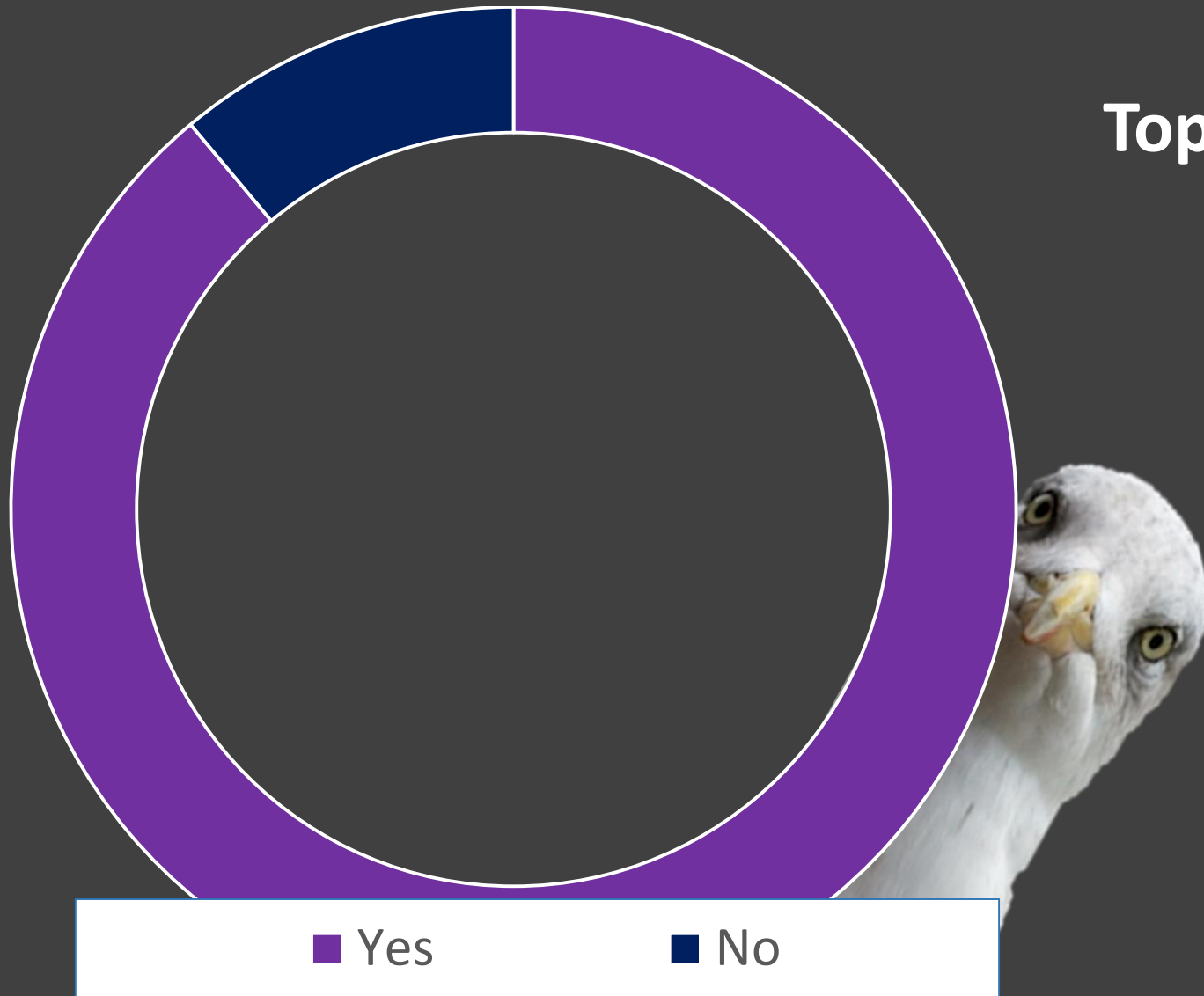
## Top Comments (38 comments)

- Species dependent
- No limit
- No overnight
- No land travel
- Max times included everything but the kitchen sink.....
  - 4 hours (2)
  - 5 hours (1)
  - 6 hours (3)
  - 8 hours (2)
  - 12 hours (4)
  - 14 hours (1)
  - 24 hours (3)
  - 48 hours (2)

■ Yes, regardless of species   ■ Yes, species dependent   ■ No



# Does your organization have species specific temperature ranges for air travel?

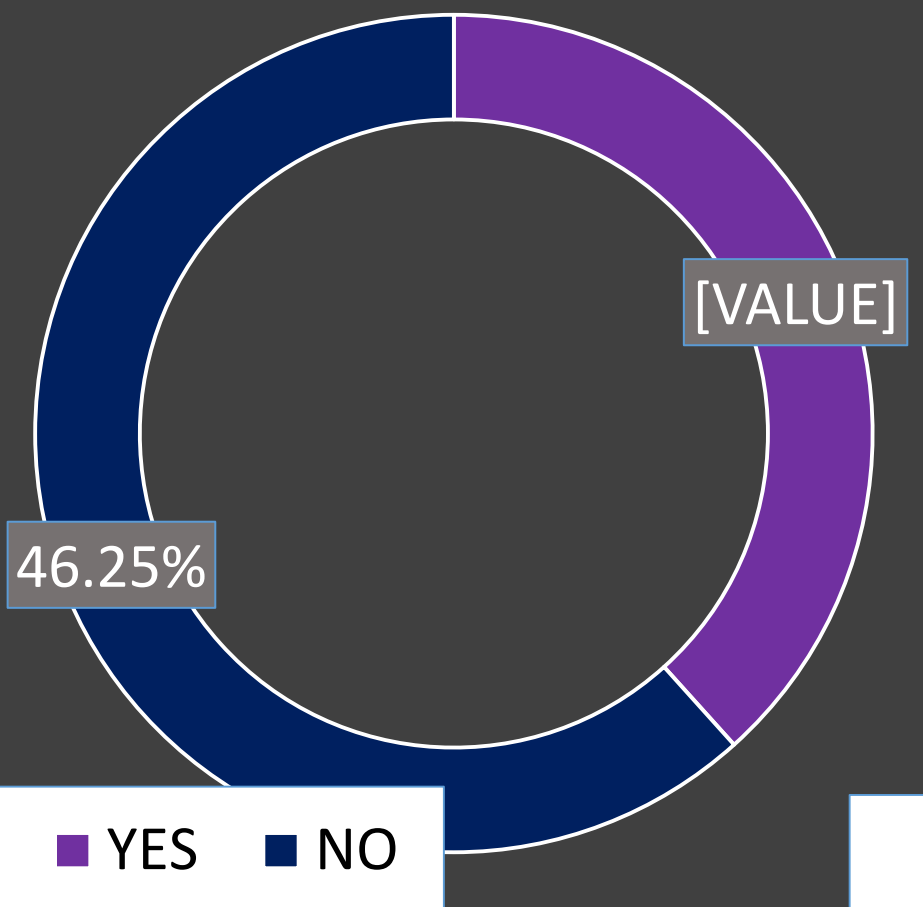


## Top Comments (55 regarding temperature)

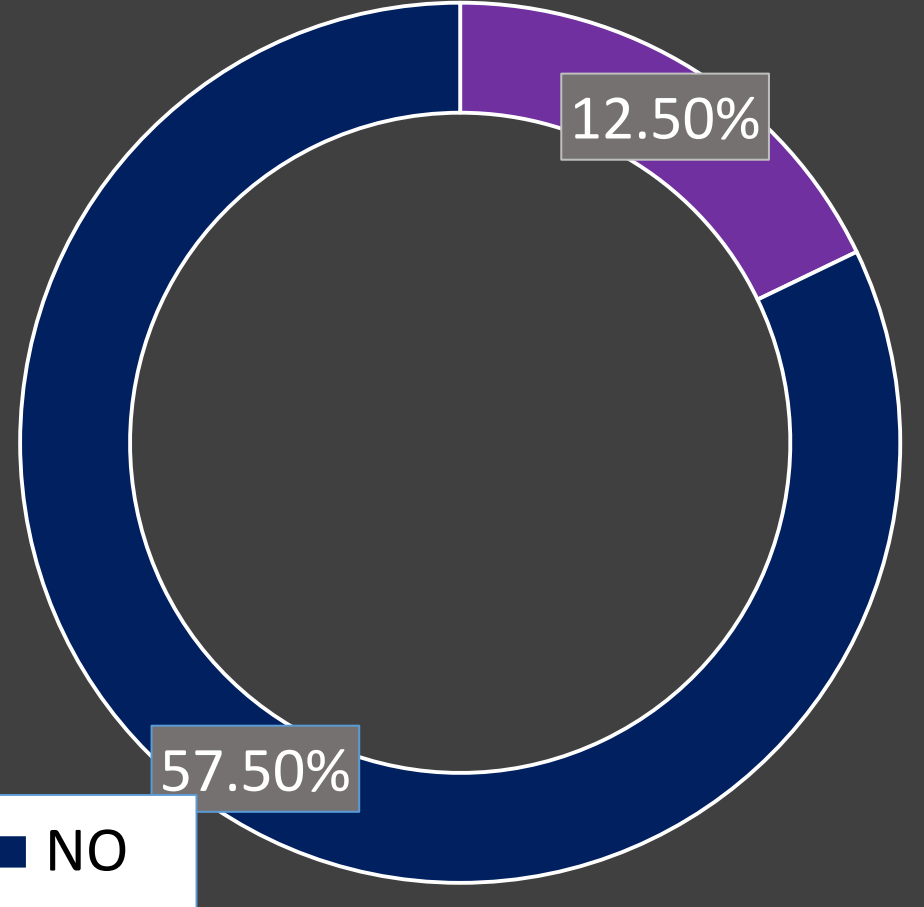
- Higher than 40°F (15)
- Lower than 85°F (11)
- Species dependent (13)
- Season dependent (11)
- Airline minimum (8)

# In the last 10 years has your organization received or sent a bird by air or land injured or deceased on arrival?

Bird received injured or deceased



Bird sent injured or deceased



Majority of the respondents have not received injured or deceased bird by land or air. Majority of the respondents have not sent a bird that has arrived injured or deceased by land or air. The unknowns are not included.

**In the last 10 years has your organization received or sent a bird by air or land injured or deceased on arrival?**

**Top Comments (20 comments mentioned injury/death)**

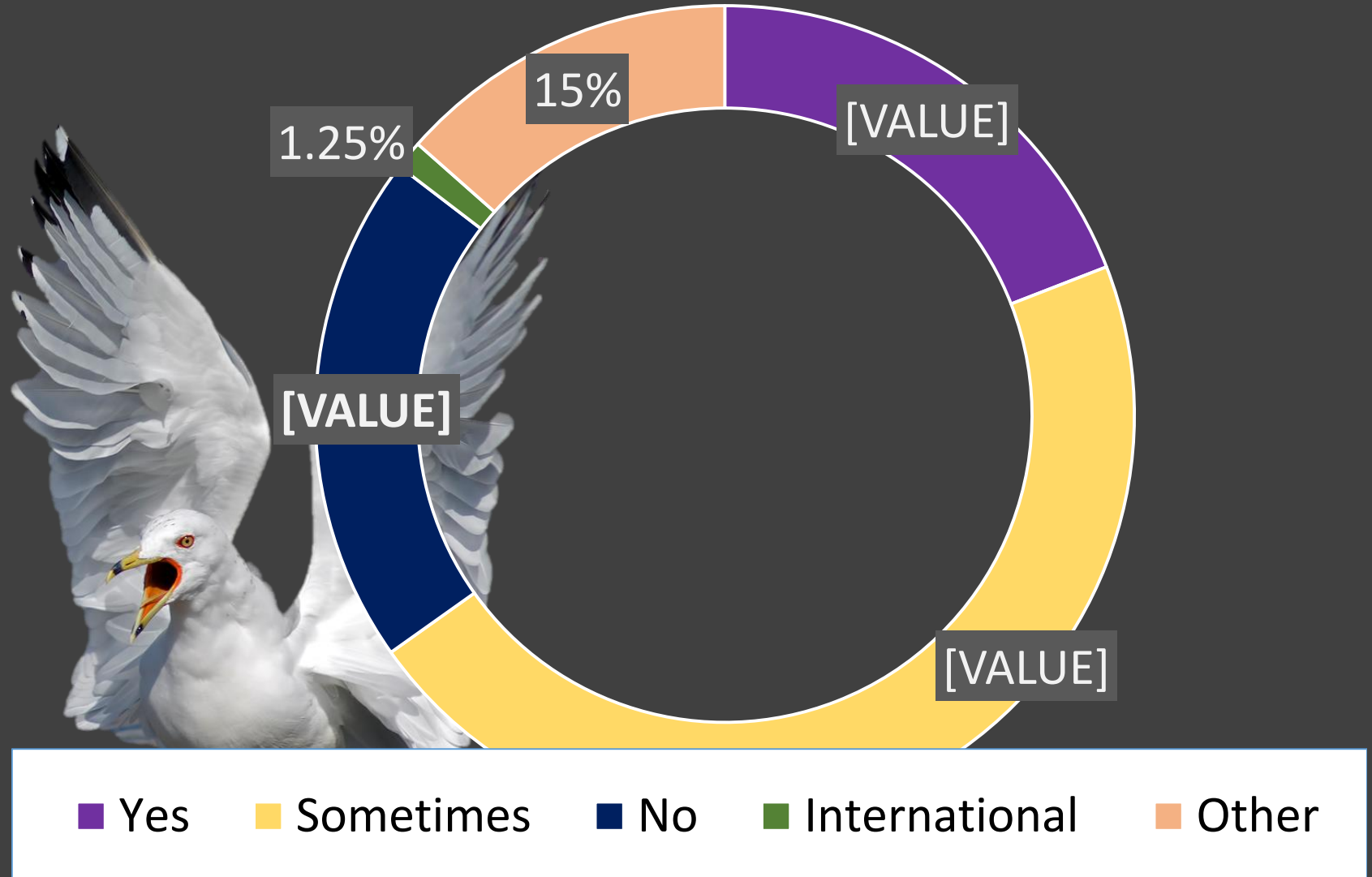
- **Air travel missed connection/plane exhaust fumes etc (6)**
- **General injury during travel (6)**
- **Unknown cause of injury or death (4)**
- **Presumed improper crate (3)**
- **Suspected disease process(1)**

*How many of these 20 incidents representing an unknown number of animals are preventable?*

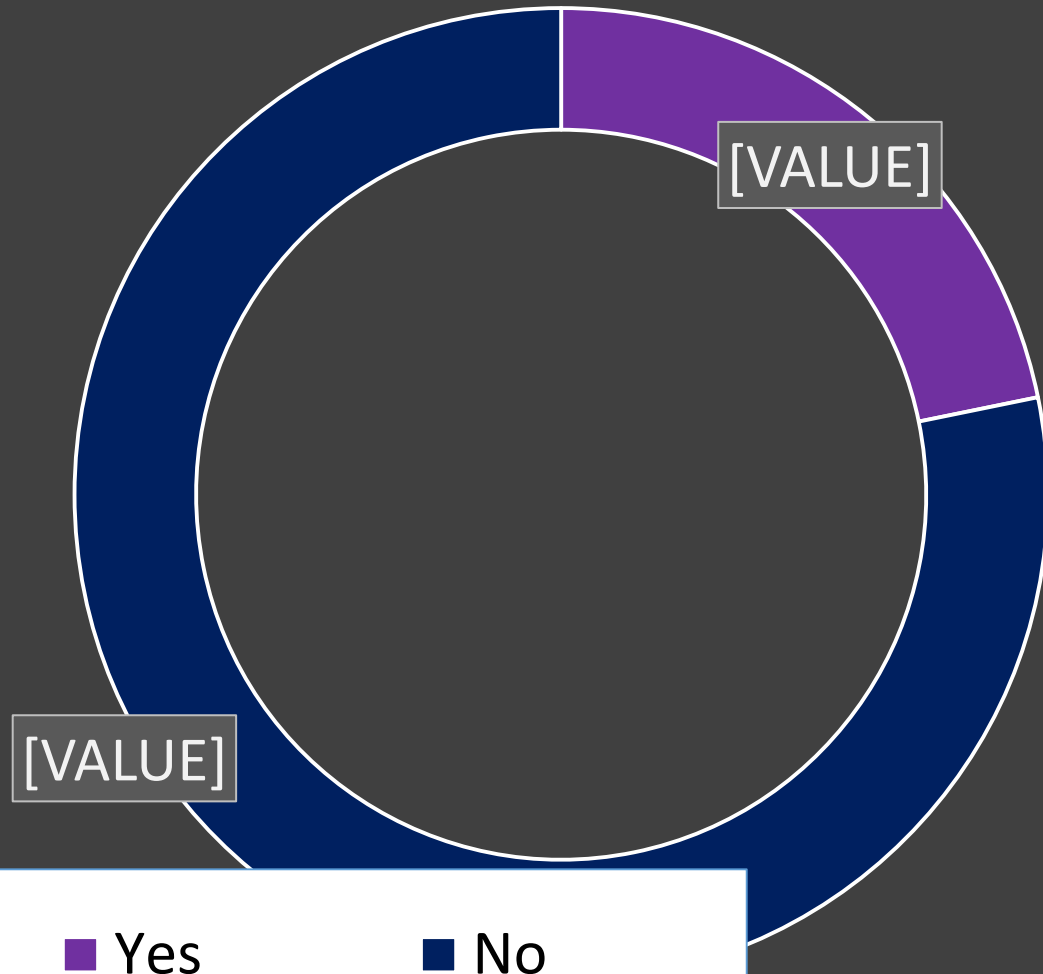
# When receiving transported birds, does your organization provide feedback to the shipper if problems arise during transport?



# Does your organization contact and/or identify nearby institutions when shipping involves layovers/flight connections in the event of emergency?



Does your organization allow staff to temporarily hold animals in their homes because of pre/post shipment scenarios such as distance to airport, time of arrival/departure etc?



### Top Comments (15 comments total)

- Allowed (including exceptions may be made, occasionally happens, rarely happens) (13)



# Conclusions

- Birds shipped more often by air
- Higher than 40°F
- Lower than 85°F
- Majority of birds being shipped are not arriving injured or deceased
- Reduce injuries/deceased?
- Species dependent
- Transaction specific



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