



ICAO

Third Meeting of the Asia/Pacific Wildlife Hazard
Management Working Group (AP-WHM WG/3)

Video Teleconference, 19 to 21 May 2021

Agenda Item 4: Progress Update on Tasks assigned to States and International/Regional Organizations

REPORT OF STATES/AERODROME OPERATORS PROBLEMS/ISSUES ON WILDLIFE HAZARDS MANAGEMENT BASED ON COMPLETED SURVEY QUESTIONNAIRE

(Presented by World Birdstrike Association)

SUMMARY

This paper presents a Draft Report of State's/Aerodrome Operators problem/issues on wildlife hazards management based on completed survey questionnaire received from 23 States/Administrations.

This paper is prepared in response to AP-WHM WG Task 2/5

1. INTRODUCTION

1.1 Subsequent to the First Meeting of ICAO Asia/Pacific Wildlife Hazard Management Working Group (AP-WHM WG/1), a survey questionnaire was sent to the States and Administrations in the region to assess the status of the wildlife management measures being adopted by the respective States/Aerodrome Operators.

1.2 The objective of the survey questionnaire was to analyse States' challenges in wildlife hazard management and to formulate prioritised actions to provide assistance to the States as required.

1.3 At AP-WHM/WG/2 meeting, WBA presented the analysis of the completed survey received from 10 States/Administrations.

1.4 As only 10 States/Administrations responded to the survey and some sub-regions were poorly or not represented, the AP-WHM/WG/2 recommended the Secretariat to re-issue the survey questionnaire to States in the APAC Region that have not responded earlier.

2. DISCUSSION

Draft Report of State's/Aerodrome Operators problem/issues on wildlife hazards management based on completed survey questionnaire.

2.1 A total of 23 responses (including 10 responses received earlier) have been received.

2.2 Survey analysis were conducted in two parts:

- a) Part I - Analysis was based on States requirements consisted of 12 questions.
- b) Part II – There were 5 Sections with a total of 62 questions:
 - 1) Section 1 – Airport Wildlife Hazard Management;
 - 2) Section 2 – Safety Risk Assessment of Wildlife Strike;
 - 3) Section 3 – Wildlife Prevention Measures inside and outside Aerodrome;
 - 4) Section 4 - Wildlife Strike Reporting and Activity Reporting; and
 - 5) Section 5 – Training.

2.3 The detailed report of the survey analysis is provided in **Appendix A**.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) Note the information contained in this paper;
- b) Review and update the detailed report of the survey analysis provided in **Appendix A** and endorse for approval by AOP/SG; and
- c) Discuss any other relevant matters as appropriate.

Responses to Survey Questionnaire - State's problems /issues /deficiencies on Wildlife Hazard Management – Survey Analysis

Introduction:

1. A survey questionnaire was sent to all states after the 1st WHM WG meeting. We have received a total of 23 responses.
2. This analysis is based on the different topics of the survey
3. Part I – State requirements consisted of 12 Questions
4. Part II – Aerodrome Operators consisted of 5 sections with a total of 64Q

Section 1 - Airport Wildlife Hazard Management Program – 15 Q

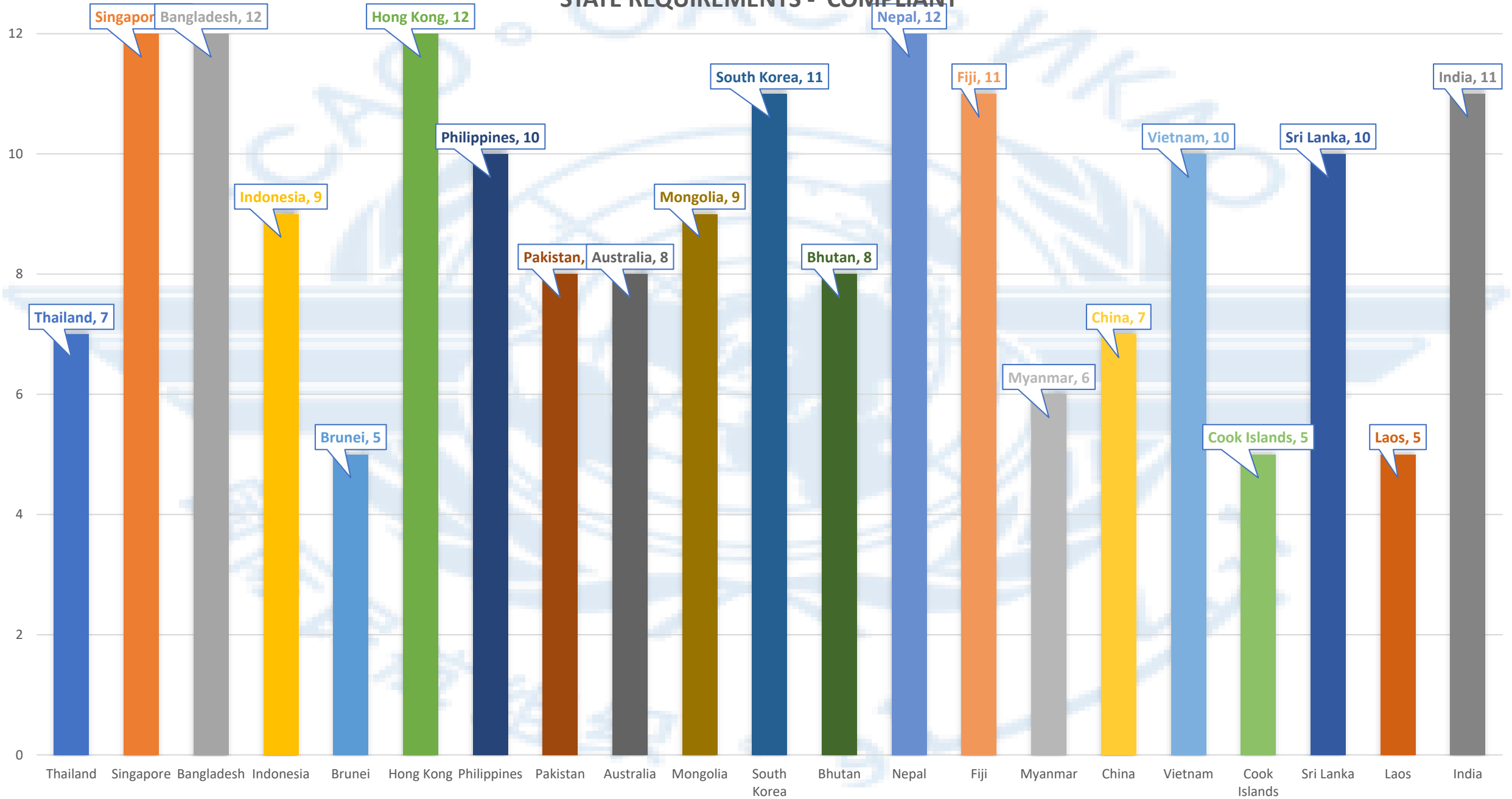
Section 2 - Safety Risk Assessment of Wildlife Strike – 10 Q

Section 3 -Wildlife Prevention Measures inside and outside Aerodrome – 12 Q

Section 4 - Wildlife Strike Reporting – 19 Q

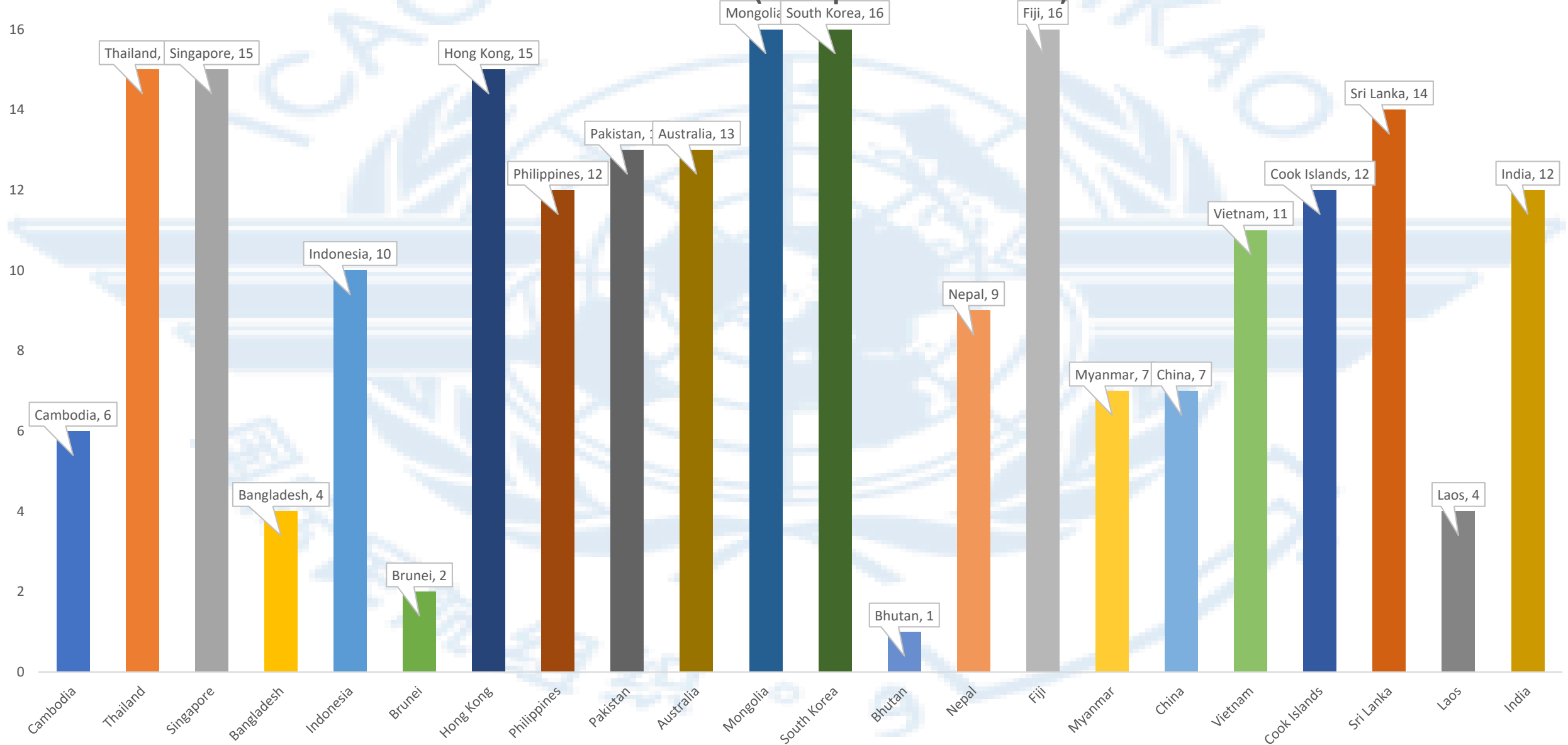
Section 5 – Training – 6 Q

STATE REQUIREMENTS - COMPLIANT

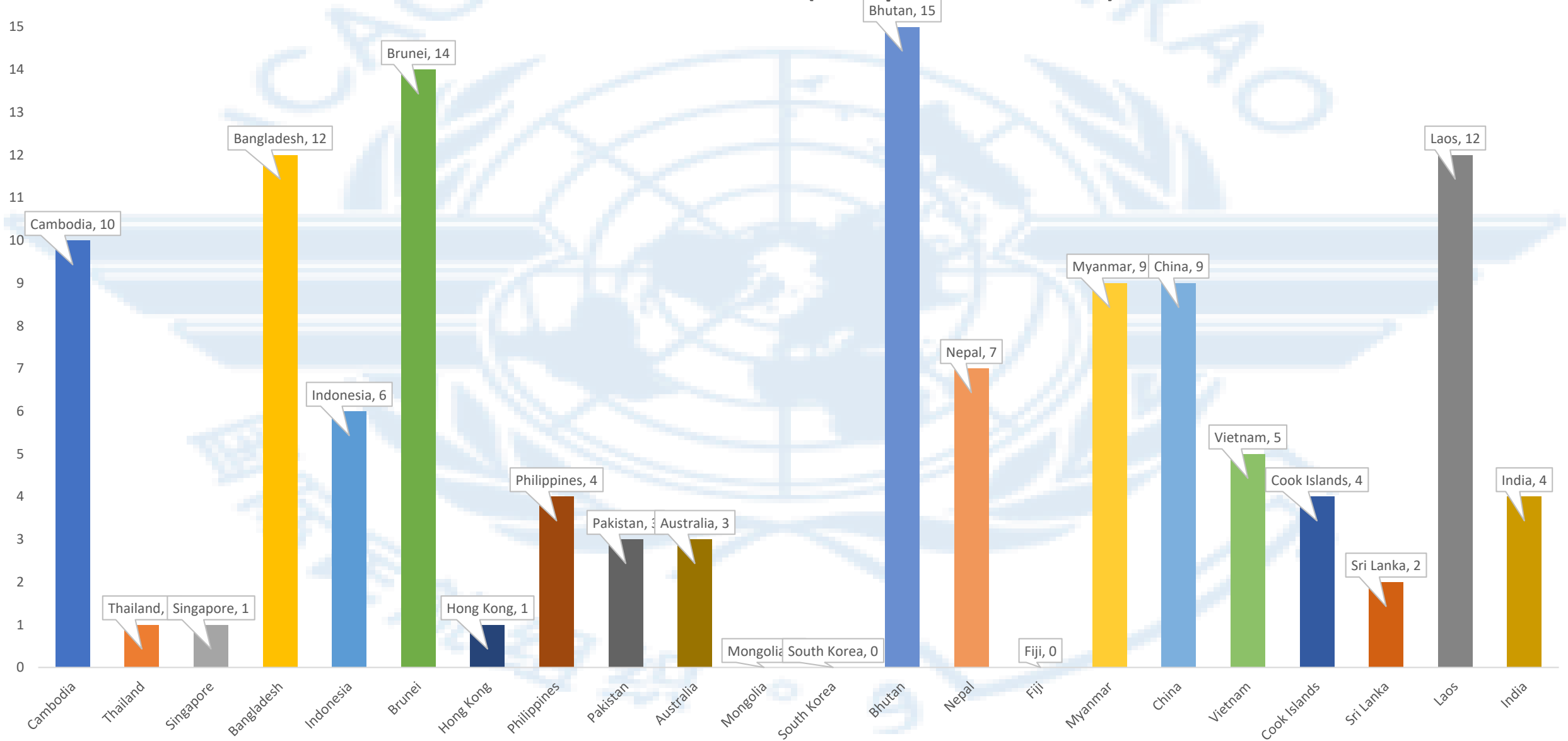


Airport Wildlife Hazard Management Program

COMPLIANT (Response = YES)

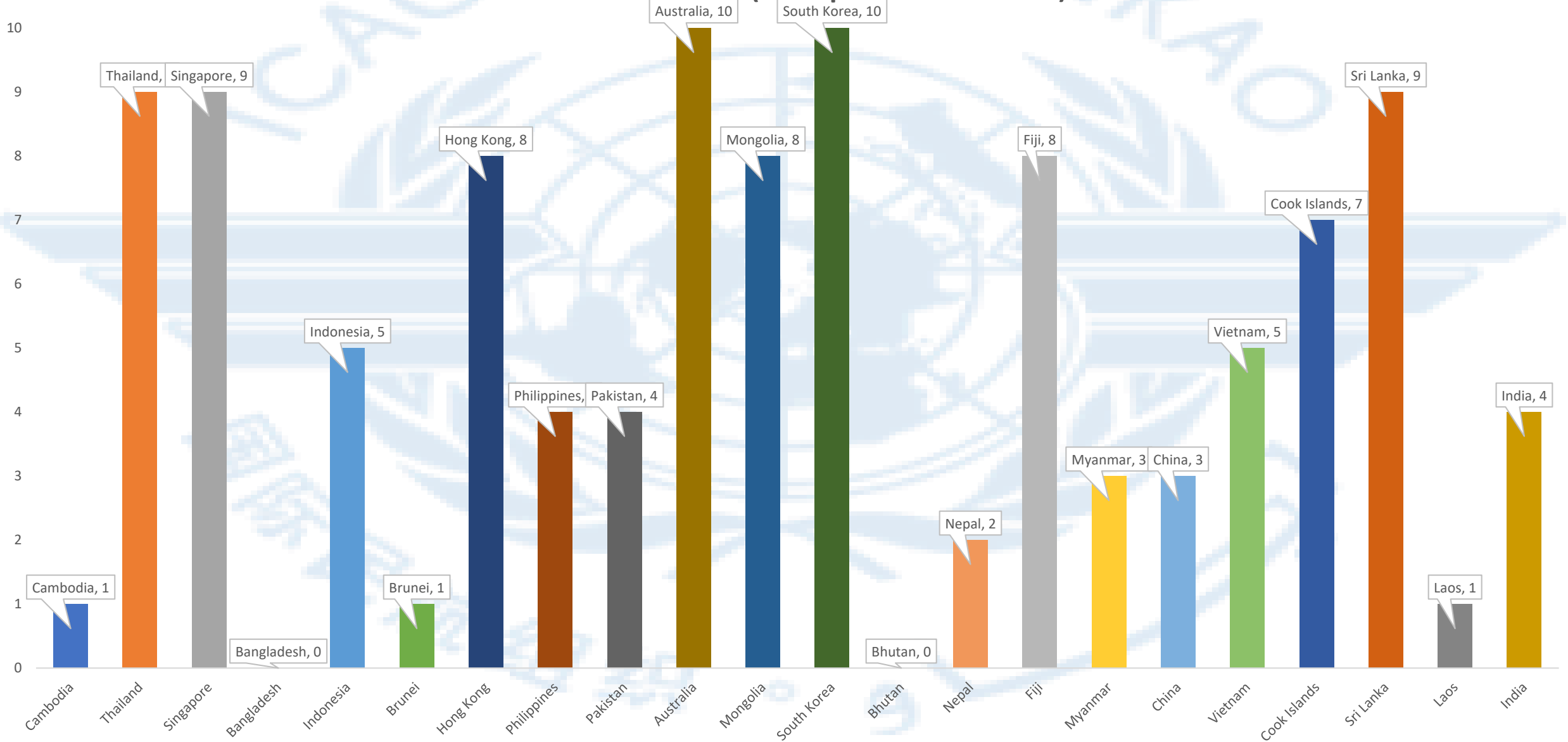


Airport Wildlife Hazard Management Program NON COMPLIANT (Response = NO)



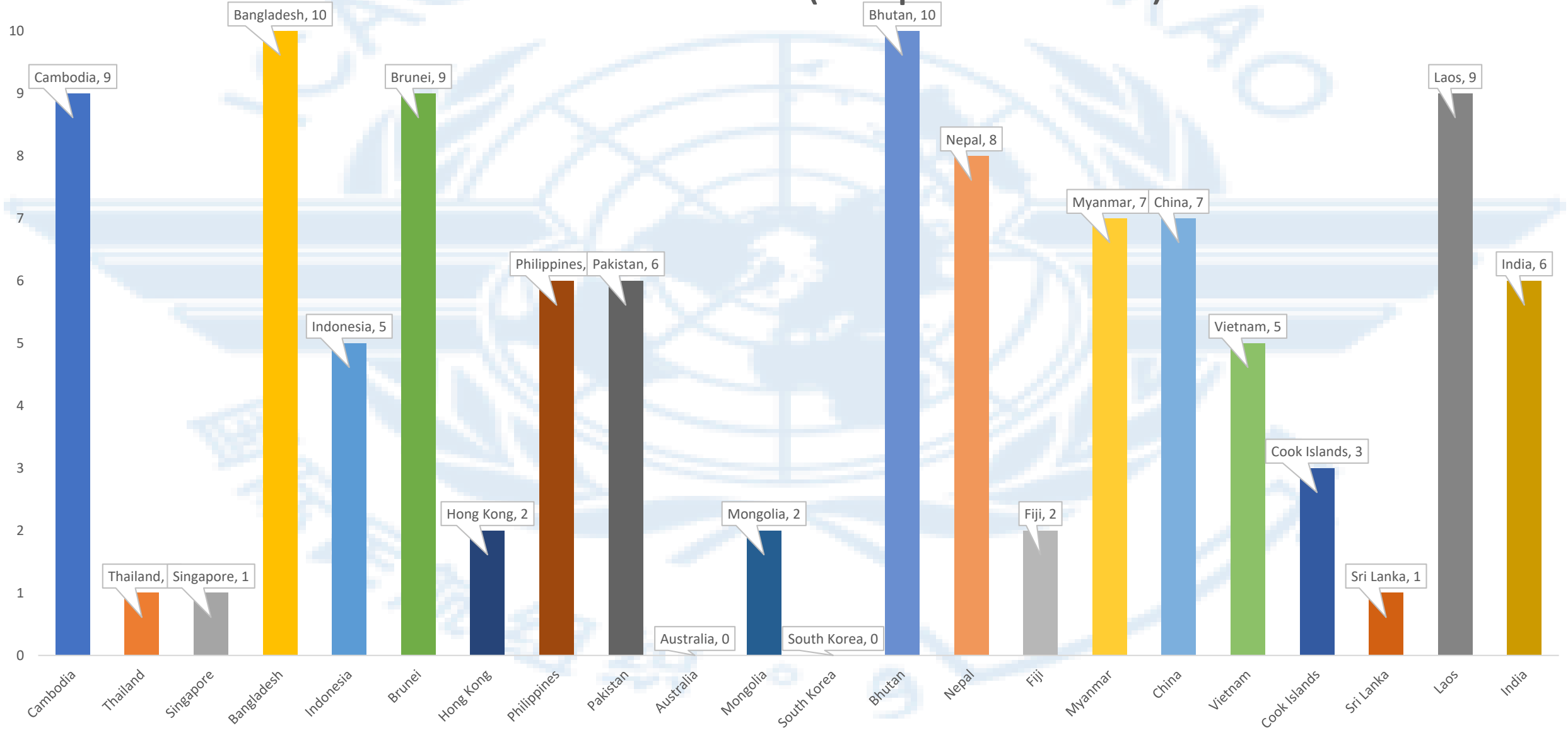
Safety Risk Assessment of Wildlife (Bird/Animal) Strike

COMPLIANT (Response = YES)

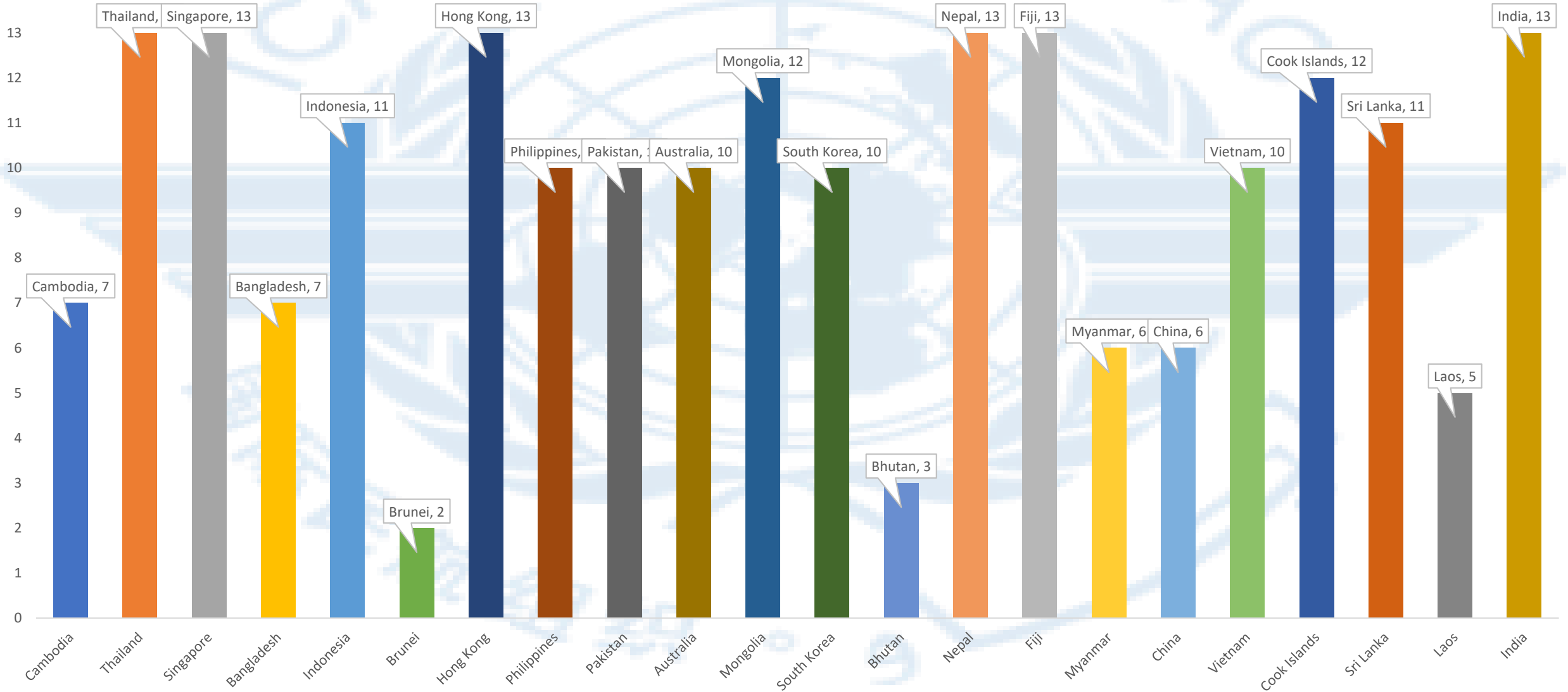


Safety Risk Assessment of Wildlife (Bird/Animal) Strike

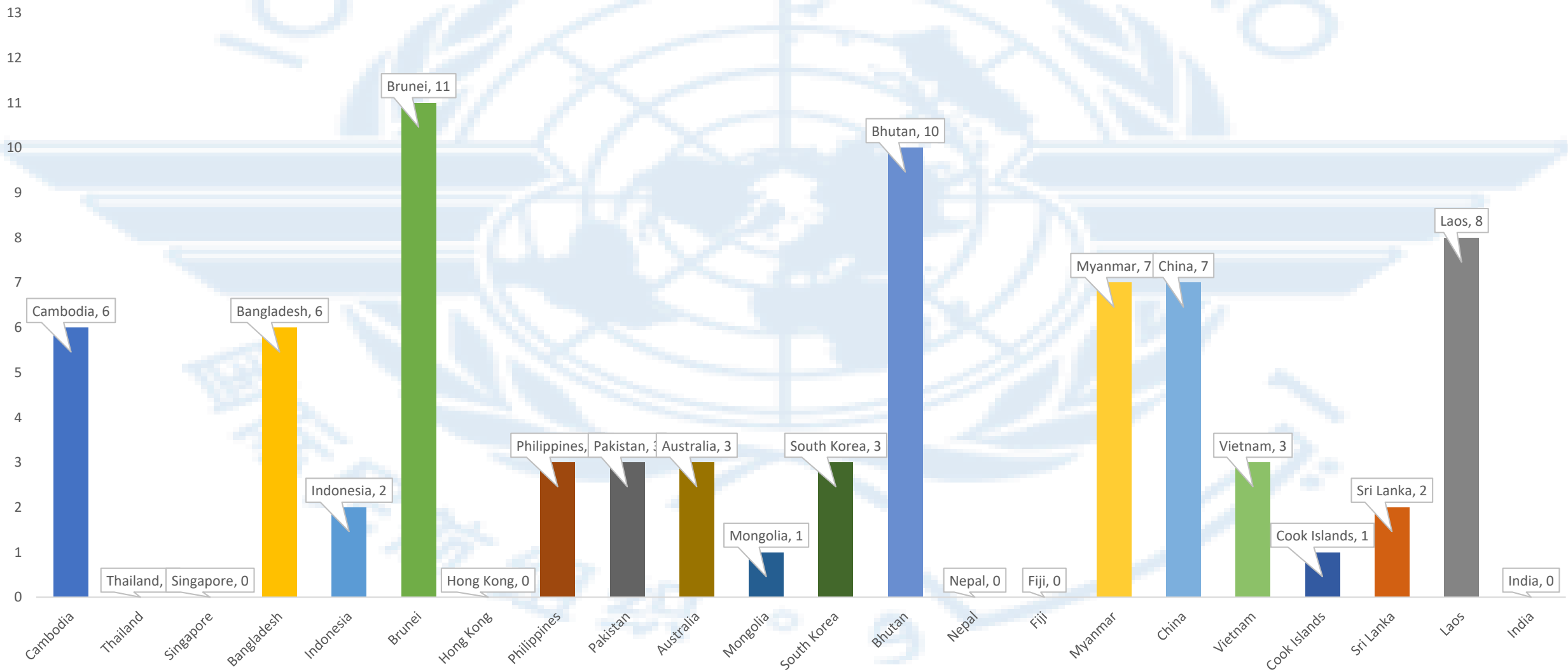
NON COMPLIANT (Response = NO)



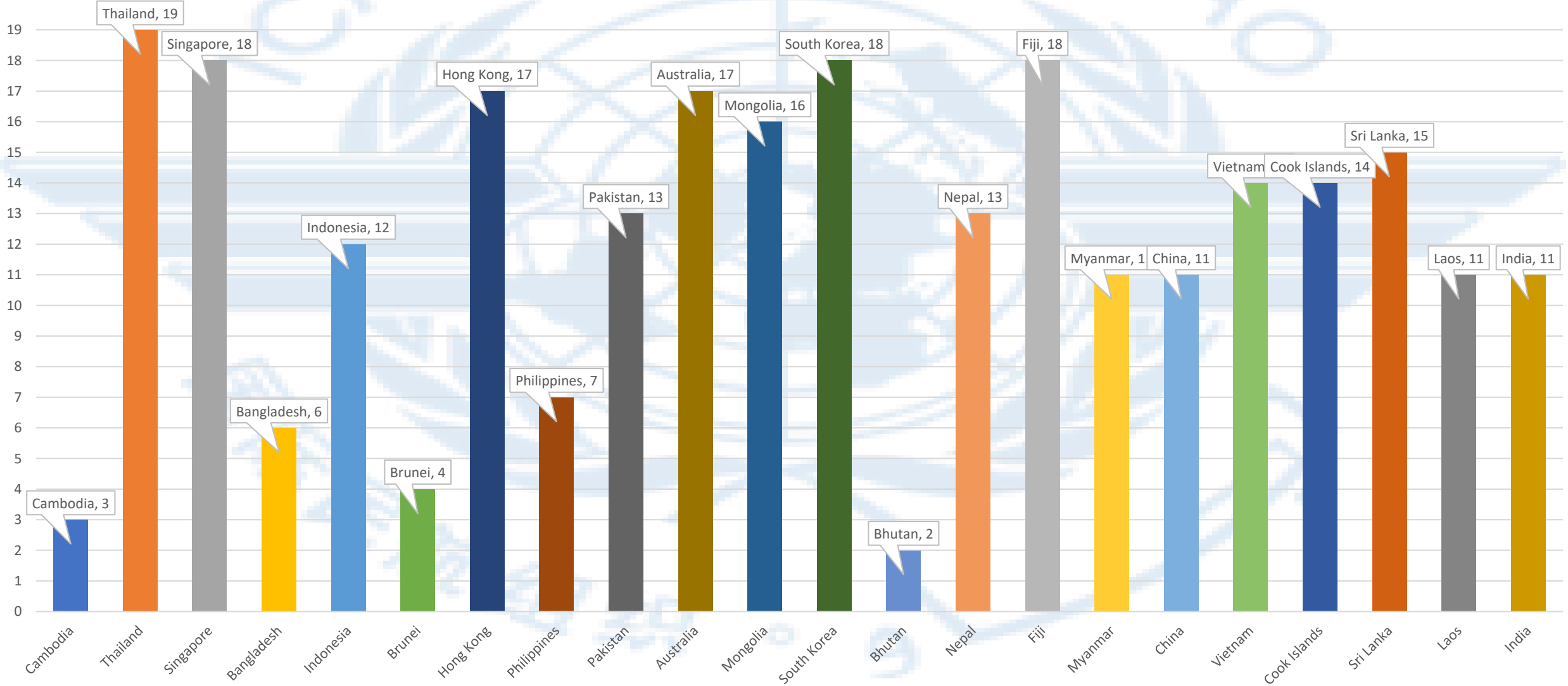
Wildlife Prevention Measures inside and outside Aerodrome COMPLIANT (Response = YES)



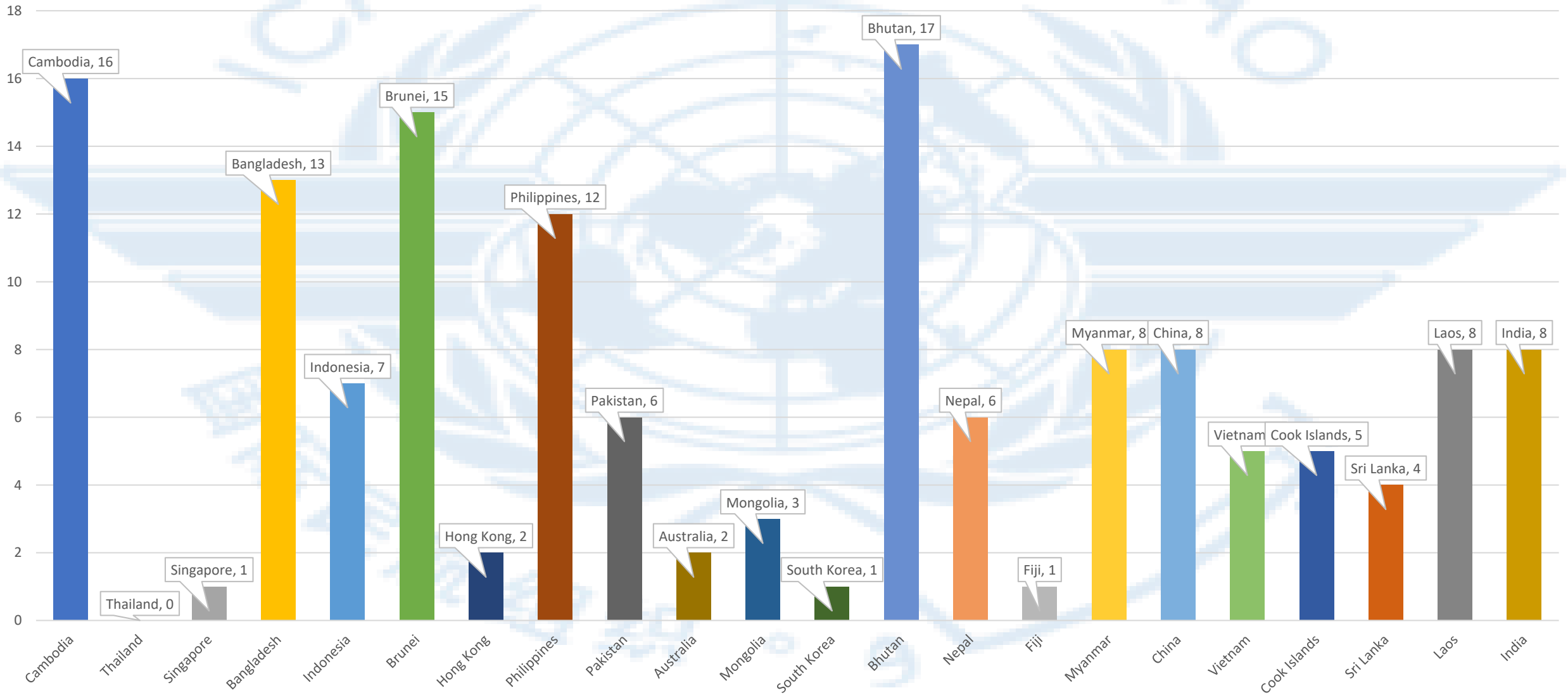
Wildlife Prevention Measures inside and outside Aerodrome NON COMPLIANT (Response = NO)



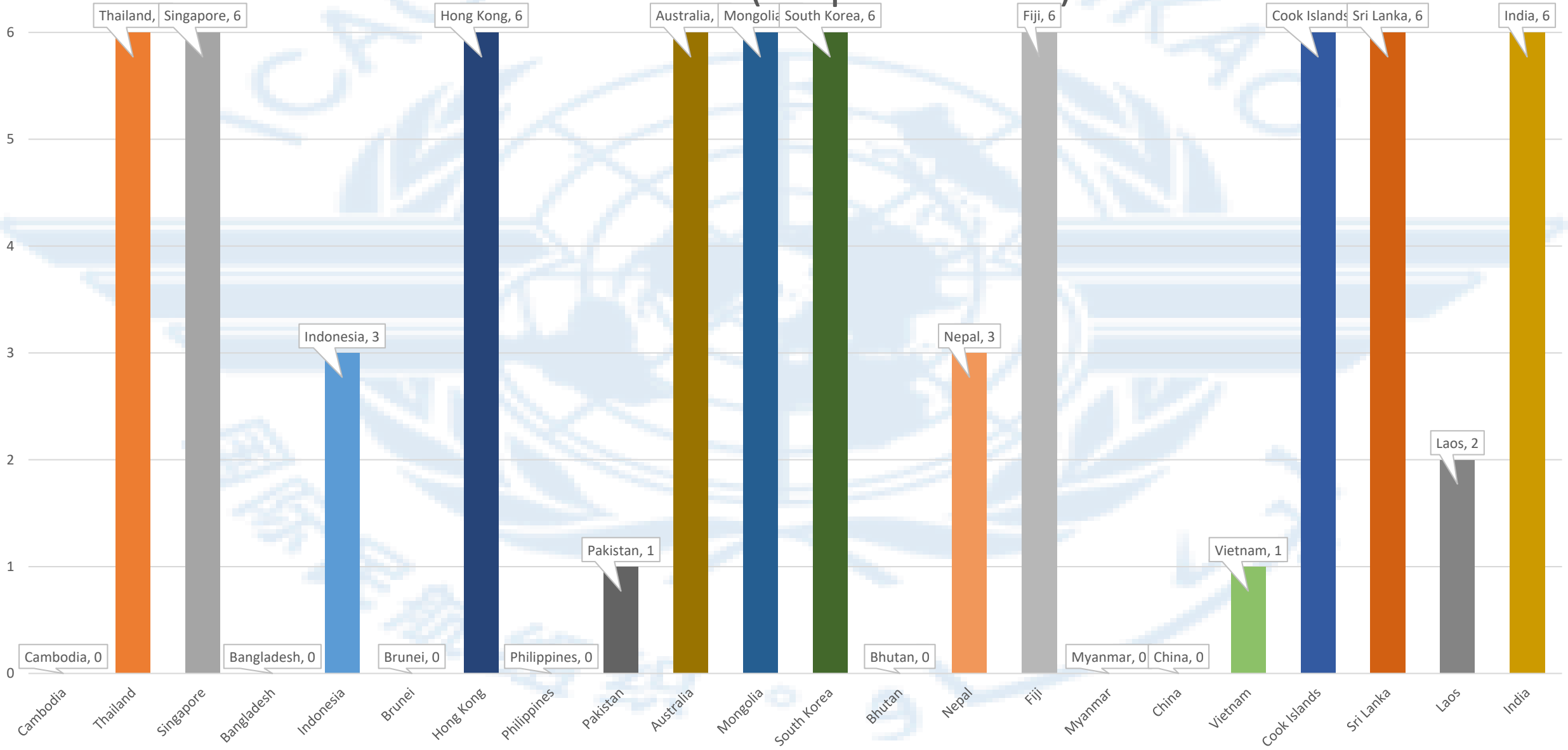
Wildlife Strike Reporting COMPLIANT (Response = YES)



Wildlife Strike Reporting NON COMPLIANT (Response = NO)

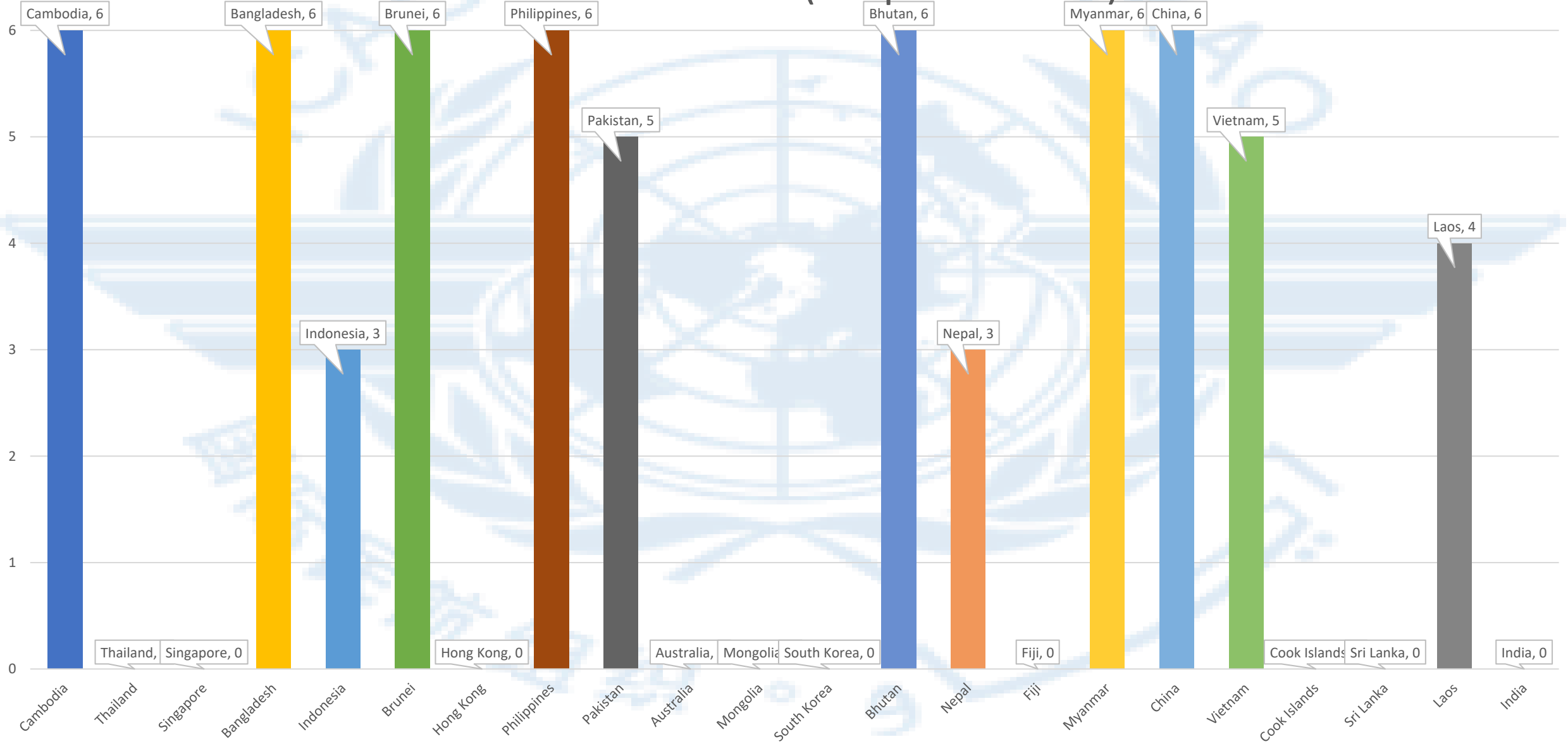


Training COMPLIANT (Response = YES)



Training

NON COMPLIANT (Response = NO)



Overall Performance Rating Scale

Some states seem to need help with being compliant with state requirements

Some Aerodromes Operators seem to be struggling with different sections of the Questionnaire. Countries have been grouped to show the status of compliance.

- Red: Under Performance
- Orange: Developing but needs direction
- Amber: Meets Expectations
- Green: Meets desired goal

Recommendations with Action Plans can be made in consultation with States/Aerodromes from WBA/ICAO on all of the below;

Section 1 - Airport Wildlife Hazard Management Program

Section 2 - Safety Risk Assessment of Wildlife (Bird/Animal) Strike

Section 3 – Wildlife Prevention Measures inside and outside Aerodrome

Section 4 - Wildlife Strike Reporting

Section 5 - Training

States Performance Rating Scale

Topic	Countries	Compliance Status	Recommendations
States	Group A Countries	Vietnam, Philippines, Sri Lanka, Mongolia, Australia, Pakistan, Indonesia, Bhutan, China, Thailand	Workshop with Group A Countries to come up with Action Plans
	Group B Countries	Brunei, Myanmar, Cook Islands, Laos	
	Group C Countries	Singapore, Bangladesh, Hong Kong, Nepal, India, South Korea, Fiji	

Topic	Countries	Compliance Status	Recommendations
Section 1 Airport Wildlife Hazard Management Program	Group A Countries	Bhutan, Brunei, Bangladesh, Laos, Cambodia	Workshop with Group A Countries to come up with Action Plans
	Group B Countries	Myanmar, Indonesia, China, Nepal	
	Group C Countries	India, SriLanka, Vietnam, Cook Islands, Pakistan, Philippines, Australia	
	Group D Countries	Thailand, Singapore, Hong Kong, Mongolia, South Korea, Fiji	
Section 2 - Safety Risk Assessment of Wildlife (Bird/Animal) Strike	Group A Countries	Bhutan, Brunei, Bangladesh, Laos, Cambodia	Workshop with Group A Countries to come up with Action Plans
	Group B Countries	India, China, Myanmar, Philippines, Nepal, Pakistan	
	Group C Countries	Vietnam, Indonesia, Cook Islands, Hong Kong, Fiji, Mongolia	
	Group D Countries	Thailand, Singapore, Australia, South Korea, Sri Lanka	

Topic	Countries	Compliance Status	Recommendations
Section 3 – Wildlife Prevention Measures inside and outside Aerodrome	Group A Countries	Bhutan, Brunei, Laos	Workshop with Group A Countries to come up with Action Plans
	Group B Countries	Myanmar, China, Bangladesh, Cambodia	
	Group C Countries	Sri Lanka, Vietnam, South Korea, Pakistan, Philippines, Australia, Indonesia	
	Group D Countries	Thailand, Singapore, Hong Kong, Mongolia, Nepal, Fiji, India	
Section 4 - Wildlife Strike Reporting	Group A Countries	Cambodia, Bangladesh, Brunei, Philippines, Bhutan	Workshop with Group A Countries to come up with Action Plans
	Group B Countries	Indonesia, Pakistan, Nepal, Myanmar, China, Laos, India	
	Group C Countries	Sri Lanka, Cook Islands, Vietnam, Mongolia, Australia, Hong Kong	
	Group D Countries	Singapore, Thailand, South Korea, Fiji	

Topic	Countries	Compliance Status	Recommendations
Section 5 - Training	Group A Countries	Cambodia, Bangladesh, Brunei, Philippines, Bhutan, Myanmar, China	Workshop with Group A Countries to come up with Action Plans
	Group B Countries	Vietnam, Pakistan	
	Group C Countries	Laos, Nepal, Indonesia	
	Group D Countries	Thailand, Singapore, Hong Kong, Mongolia,, Fiji, India, Australia, South Korea, Cook Islands, Sri Lanka, India	