

## STOP THE SPREAD PRINT & PLAY GAME RULE SHEET

#### Introduction

As elite data scientists of the Global Health Authority, your job is to track the infection, anticipate future Outbreaks in COVID19 infections, and travel around the world to deploy interventions and preventions to reduce the spread.

# Set Up

- 1) Print all pages double sided.
- 2) Cut all pages and pieces into their individual cards.

You should have:

This Rulesheet

6 Continents 24 COVID Spread cards

24 Global Response cards
1 Global Infection Datafeed page

- 3) Place the 6 Continent cards in the centre of the table.
- 4) Place the COVID SPREAD and GLOBAL RESPONSE cards in separate shuffled decks, face down.
- 5) Grab a pen, and a calculator/phone for calculating. You are now ready to play!

### **How to Play: Rounds**

Follow these steps until you have completed 12 full rounds:

- 1. Draw Global Response cards so that each player has three.
  - i. If you're playing solo, you can draw 6 cards per turn and use 2 per turn.
- 2. Discuss your options with your team, and choose one card to play each, following the directions on the card.
  - If your chosen card alters any of the numbers of Infected, enter the new total for that Continent into the Intervention Impact section for that turn on your Global Infection Datafeed sheet.
- 3. Once your team has played this turn's card and recorded any changes, draw COVID Spread cards equal to the number of players, and place them on the Continents they affect.
  - If you have placed a Lockdown card that negates the spread, discard both that card and the COVID card.
  - ii. If you're playing solo, you can draw 6 GR cards per turn and use two of them.
- 4. Write any affected numbers in the COVID Impact section of that month and continent on your Global Infection Datafeed sheet.
- 5. Add the new totals for that month together, and colour in the appropriate boxes for that month on the Global Infected Population by Month graph on your Global Infection Datafeed sheet.
  - i. You can also write in the previous months unchanged totals into the COVID Impact section for the other Continents that were not affected during this turn.
- 6. Repeat these steps until you reach the end of Month 12.

### Example:

#### CONTINENTAL INFECTION LEVEL BY MONTH

NORTH AMERICA	SOUTH AMERICA	ASIA	AUSTRALASIA	AFRICA	EUROPE
Intervention Impact					
100,000	10,000	50,000	5,000	20,000	20,000
Intervention Impact					
100,000	200,000	50,000	5,000	20,000	20,000
Intervention Impact					
100,000	200,000	50,000	5,000	20,000	200,000

#### **How to Win**

**Single Player/Team Mode:** Reach the end of the 12<sup>th</sup> month with global infections under 12,800,000.

Competitive Mode: The player with the lowest overall number of global infected at the end of month 12 wins.

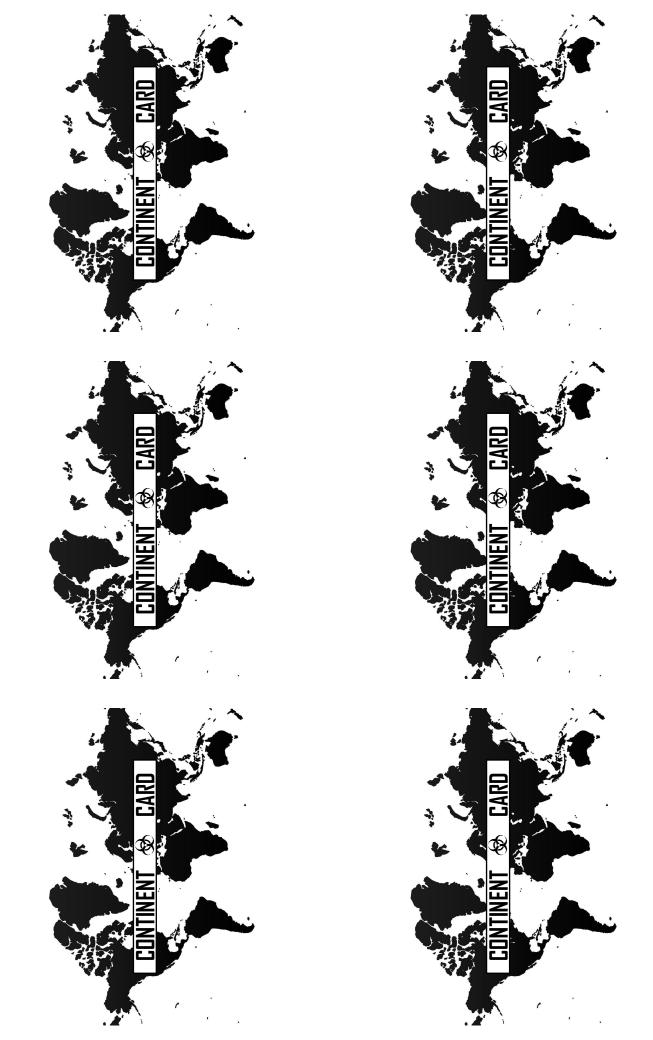
Special Thanks to James Elliot, Miranda Flood, Kerrie Mengersen, Adrian Barnett and Cheryle Blair for their feedback.

For more information and more fun science-based games visit acems.org.au/games

STARTING INFECTIONS: 10,000

STARTING INFECTIONS: 20,000

STARTING INFECTIONS: 5,000



EUROPE x2 Infections	EUROPE x5 Infections	EUROPE x10 Infections	EUROPE x20 Infections
ASIA x2 Infections	ASIA x5 Infections	ASIA x10 Infections	ASIA x20 Infections
NORTH AMERICA x2 Infections	NORTH AMERICA x5 Infections	NORTH AMERICA x10 Infections	NORTH AMERICA x20 Infections
SOUTH AMERICA x2 Infections	SOUTH AMERICA x5 Infections	SOUTH AMERICA x10 Infections	SOUTH AMERICA x20 Infections
AFRICA x2 Infections	AFRICA x5 Infections	AFRICA x10 Infections	AFRICA x20 Infections
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**AUSTRALASIA** 

X10 Infections

**AUSTRALASIA** 

x5 Infections

**AUSTRALASIA** 

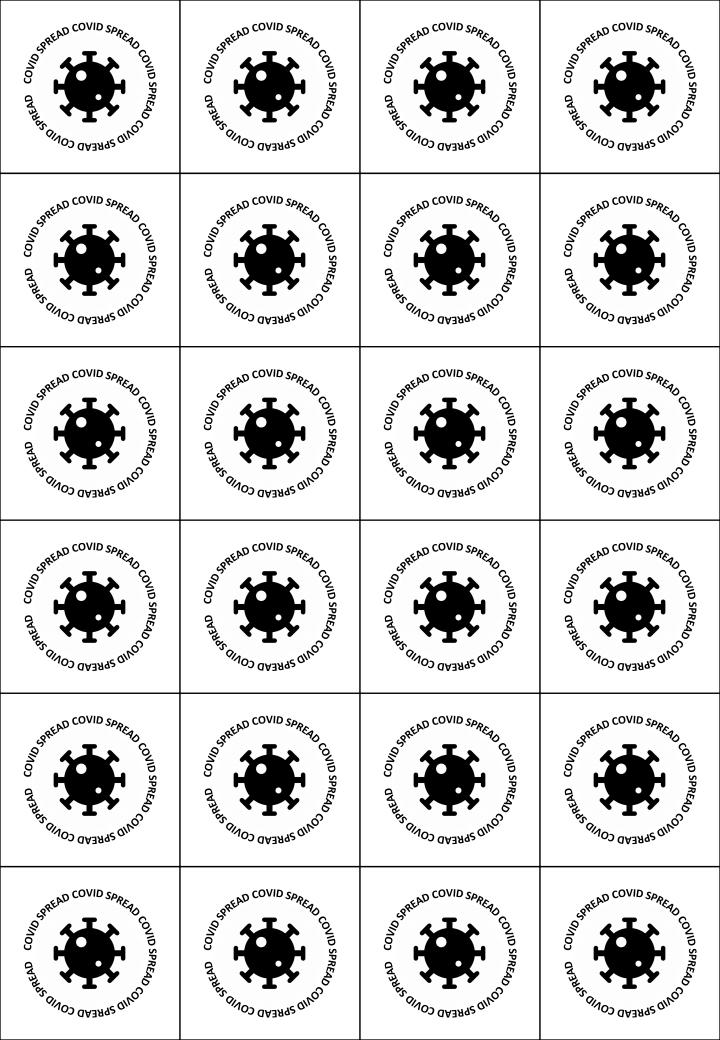
x2 Infections

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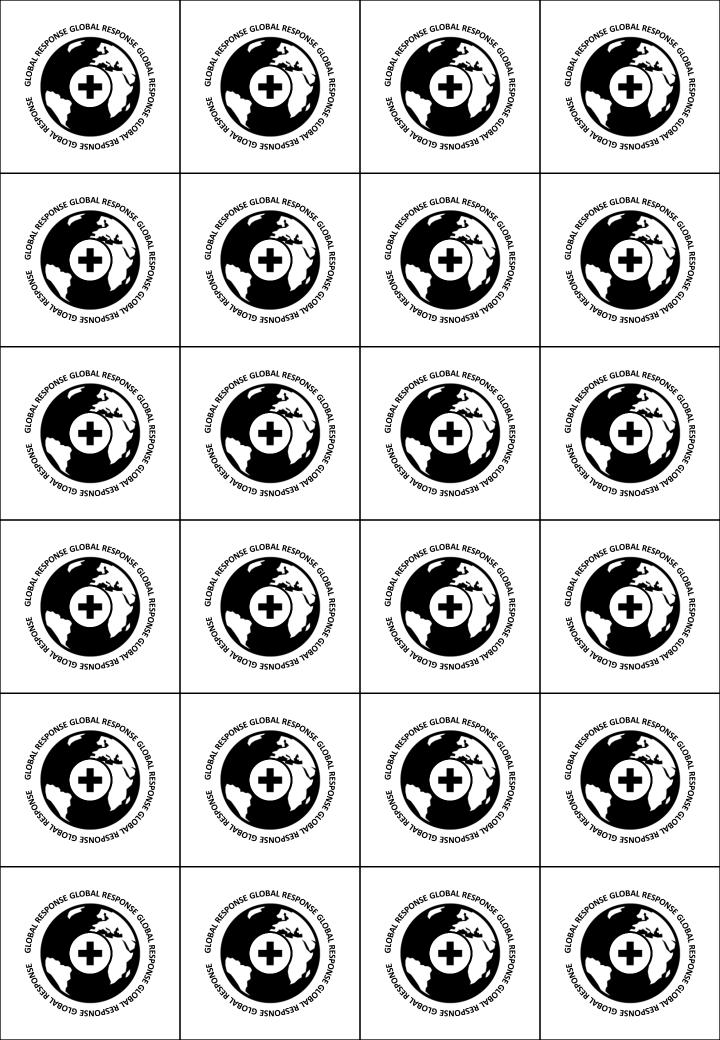
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**AUSTRALASIA** 

x20 Infections



PEOPLE	PEOPLE	PEOPLE	PEOPLE
Social Distancing	Self-Isolation	Self-Quarantine	Minimise Travel
Place on a Continent to negate the next Outbreak	Place on a Continent to negate the next Outbreak	Place on a Continent to negate the next Outbreak	Place on a Continent to negate the next Outbreak
BUSINESSES	BUSINESSES	BUSINESSES	BUSINESSES
Work From Home Arrangements	Online Meetings	Digital Alternatives	Home Delivery
Place on a Continent to negate the next Outbreak	Place on a Continent to negate the next Outbreak	Place on a Continent to negate the next Outbreak	Place on a Continent to negate the next Outbreak
GOVERNMENTS	GOVERNMENTS	GOVERNMENTS	GOVERNMENTS
Close Borders	Launch Contact Tracing App	Mass Quarantines	Enforce Lockdowns
Place on a Continent to negate the next Outbreak	Place on a Continent to negate the next Outbreak	Reduce Infected for one Continent by 20%	Reduce Infected for one Continent by 20%
GLOBAL HEALTH AUTHORITY	GLOBAL HEALTH AUTHORITY	GLOBAL HEALTH AUTHORITY	GLOBAL HEALTH AUTHORITY
Deploy Global Health Experts	Global Legislation Coordination	Information Campaign	Global Medical Supply Coordination
Reduce Infected for one Continent by 50%	Reduce Infected for all Continents by 20%	Reduce Infected for one Continent by 50%	Reduce Infected for all Continents by 20%
HEALTH CARE SYSTEMS	HEALTH CARE SYSTEMS	HEALTH CARE SYSTEMS	HEALTH CARE SYSTEMS
Personal Protective Equipment	Drive-Thru Screening Centres	Build Temporary Hospitals	Share Medical Stockpiles
Reduce Infected for one Continent by 10%			
DATA SCIENTISTS	DATA SCIENTISTS	DATA SCIENTISTS	DATA SCIENTISTS
Bayesian Statistics	Research Viral Trajectories	Global Information Sharing	Data Analysis
Peek at the top three cards of the COVID Spread deck	Peek at the top three cards of the COVID Spread deck	Peek at the top three cards of the COVID Spread deck	Peek at the top three cards of the COVID Spread deck

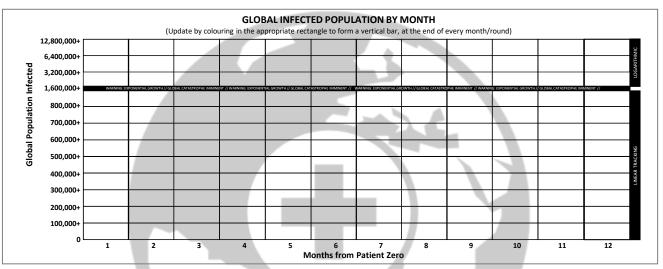




# **GLOBAL INFECTION DATAFEED**



As elite data scientists of the Global Health Authority, your job is to track the infection, anticipate future Outbreaks in COVID19 infections, and deploy interventions and preventions to reduce the spread. Use this sheet to track whether your preventions and treatments are working on a global scale.



#### CONTINENTAL INFECTION LEVEL BY MONTH

	NORTH AMERICA	SOUTH AMERICA	ASIA	AUSTRALASIA	AFRICA	EUROPE	GLOBAL TOTAL
1	Intervention Impact						
1	COVID Impact						
2	Intervention Impact						
_	COVID Impact						
3	Intervention Impact						
<u> </u>	COVID Impact						
	Intervention Impact						
4	COVID Impact						
	Intervention Impact	Intervention Impac					
5	COVID Impact						
_ [	Intervention Impact	Intervention Impac					
6	COVID Impact						
, [	Intervention Impact	Intervention Impac					
′ [	COVID Impact						
. [	Intervention Impact	Intervention Impac					
8	COVID Impact						
_ و	Intervention Impact	Intervention Impac					
9	COVID Impact						
LO	Intervention Impact	Intervention Impac					
	COVID Impact						
ı1 🗏	Intervention Impact	Intervention Impac					
.1	COVID Impact						
12	Intervention Impact	Intervention Impac					
-	COVID Impact						

# CROSS OFF PREVENTIONS/INTERVENTIONS USED TO GATHER DATA ON WHAT RESOURCES THE WORLD HAS LEFT

Social Distancing	Self-Isolation	Self-Quarantine	Minimise Travel
Work From Home Arrangements	Online Meetings	Digital Alternatives	Home Delivery
Close Borders	Close Borders Launch Contact Tracing App		Enforce Lockdowns
Deploy Global Health Experts	Global Legislation Coordination	Information Campaign	Global Medical Supply Coordination
Personal Protective Equipment	Drive-Thru Screening Centres	Build Temporary Hospitals	Share Medical Stockpiles
Bayesian Statistics	Research Viral Trajectories	Global Information Sharing	Data Analysis

# CROSS OUT CONTINENTAL INFECTION OUTBREAKS TO GAIN THE DATA ON WHICH ONES REMAIN TO APPEAR

EUROPE	EUROPE	EUROPE	EUROPE
x2 Infections	x5 Infections	x10 Infections	x20 Infections
ASIA	ASIA	ASIA	ASIA
x2 Infections	x5 Infections	x10 Infections	x20 Infections
NORTHERN AMERICA	NORTHERN AMERICA	NORTHERN AMERICA	NORTHERN AMERICA
x2 Infections	x5 Infections	x10 Infections	x20 Infections
SOUTHERN AMERICA	SOUTHERN AMERICA	SOUTHERN AMERICA	SOUTHERN AMERICA
x2 Infections	x5 Infections	x10 Infections	x20 Infections
AFRICA	AFRICA	AFRICA	AFRICA
x2 Infections	x5 Infections	x10 Infections	x20 Infections
AUSTRALASIA	AUSTRALASIA	AUSTRALASIA	AUSTRALASIA
x2 Infections	x5 Infections	X10 Infections	x20 Infections

