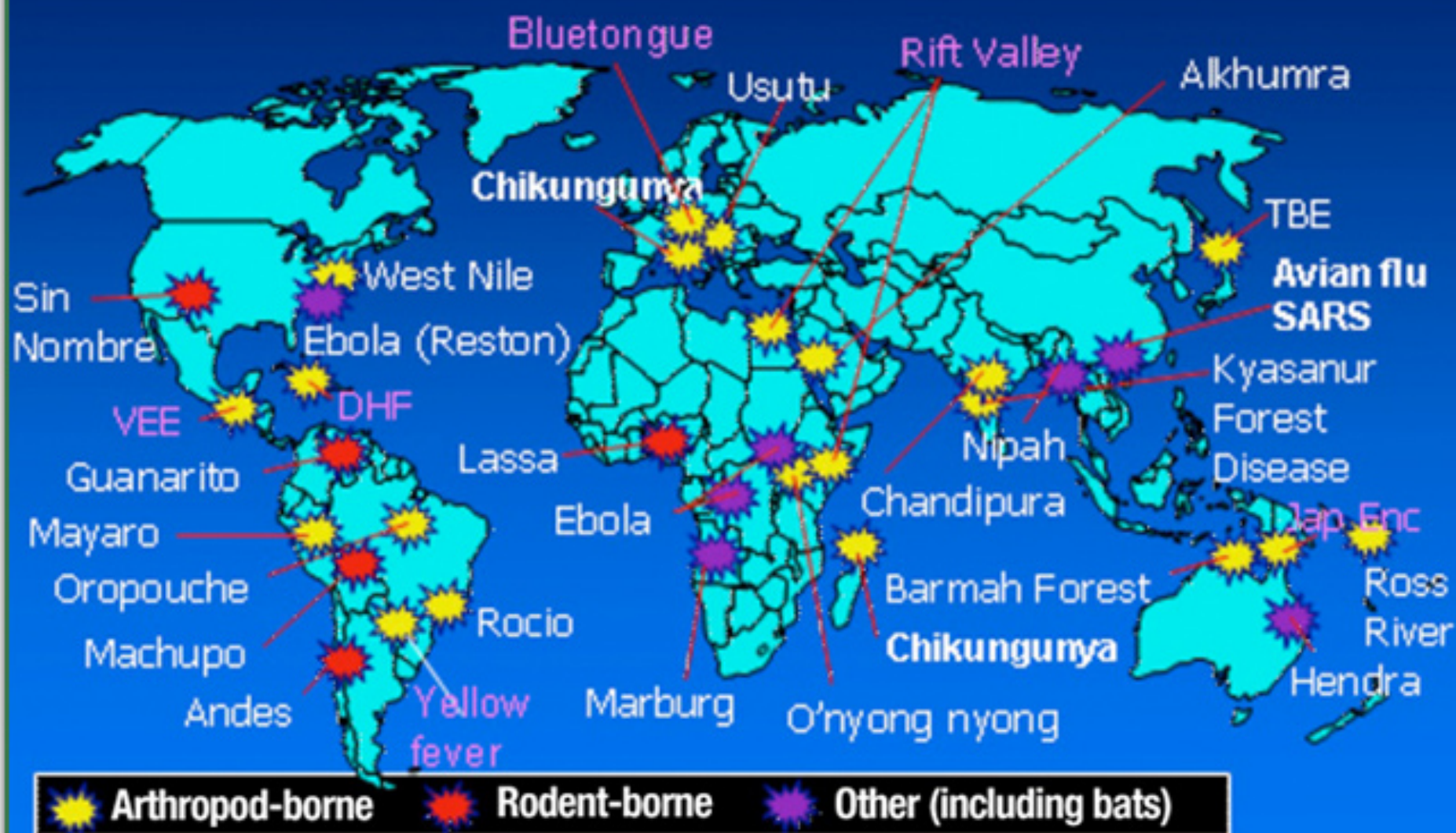


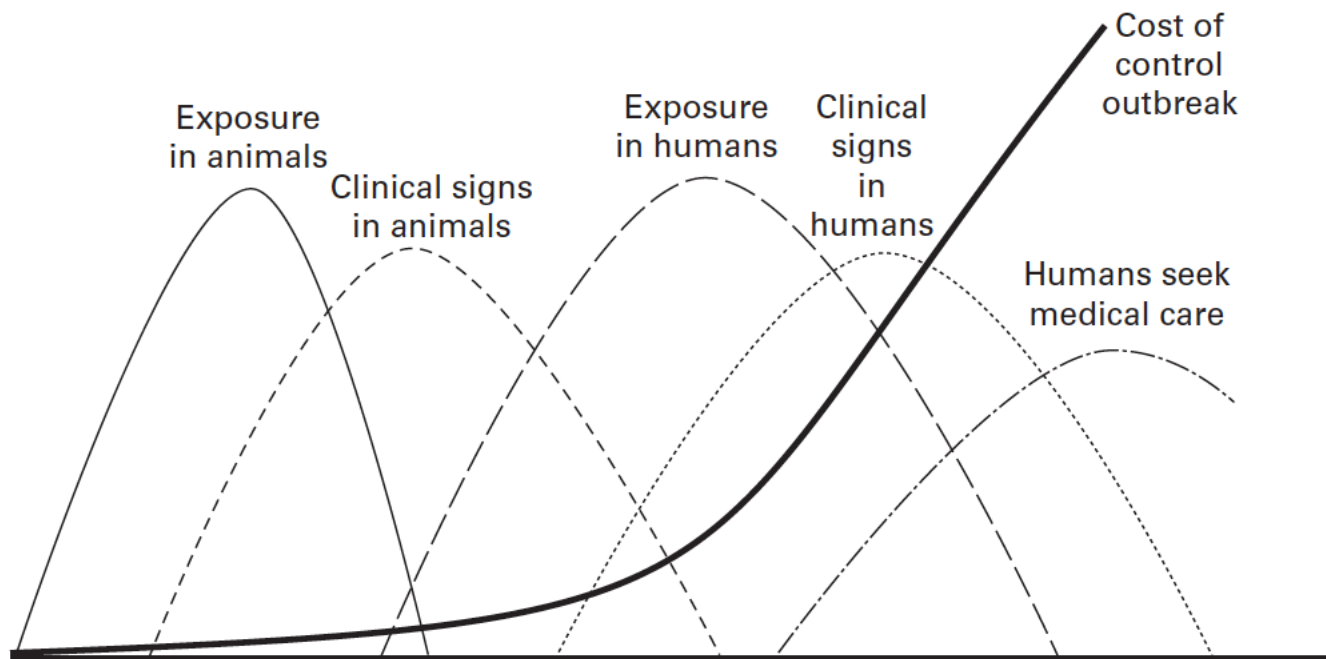
The world's first application of participatory surveillance at a mass gathering: FIFA World Cup 2014

Marlo Libel (USA)

IMED/2014

Emerging and Reemerging infections - 70% vector-borne or zoonotic

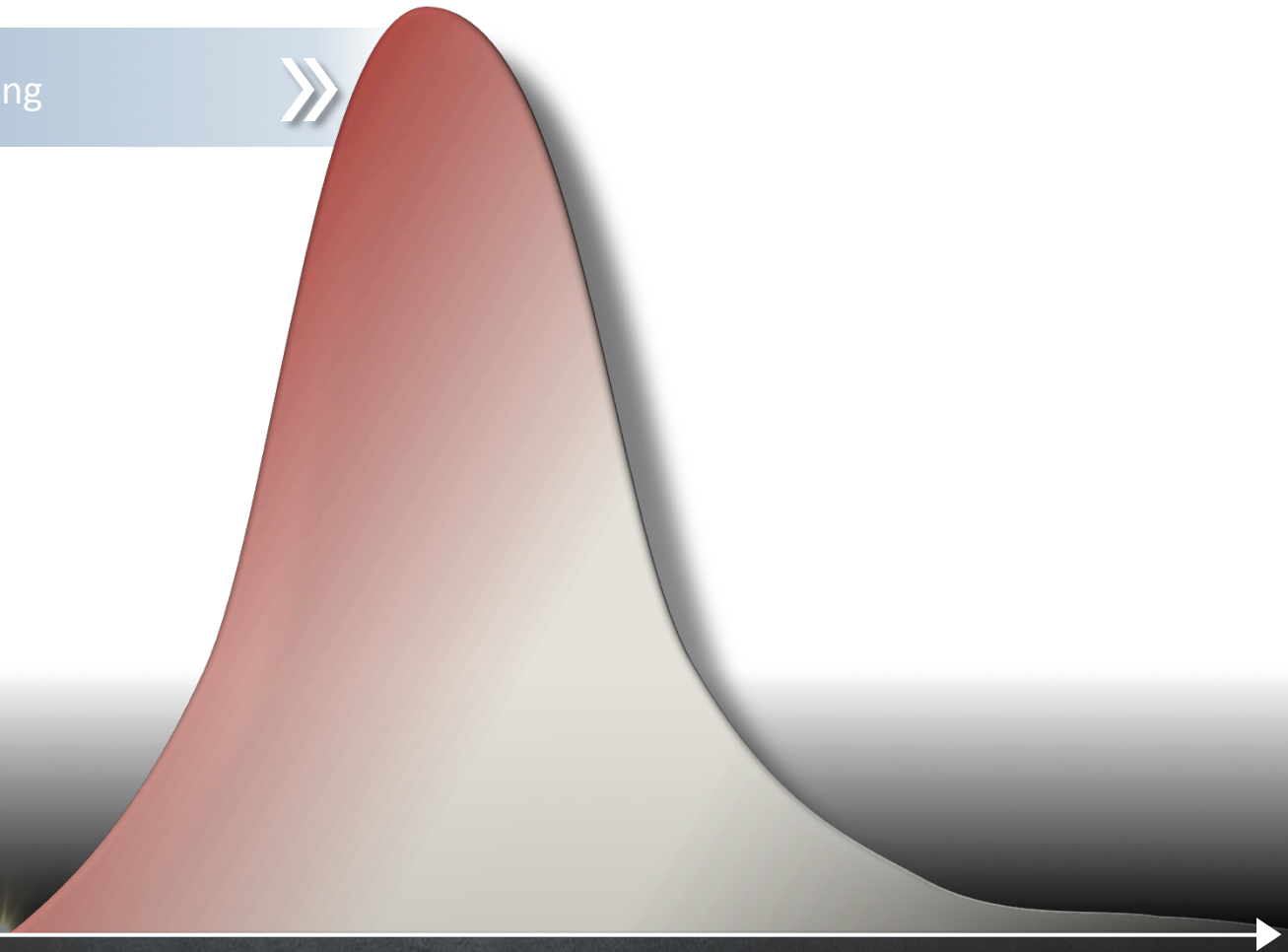




Source: Adapted from IOM (2009).

Epidemic curve

Routine disease reporting



skoll global
threats fund

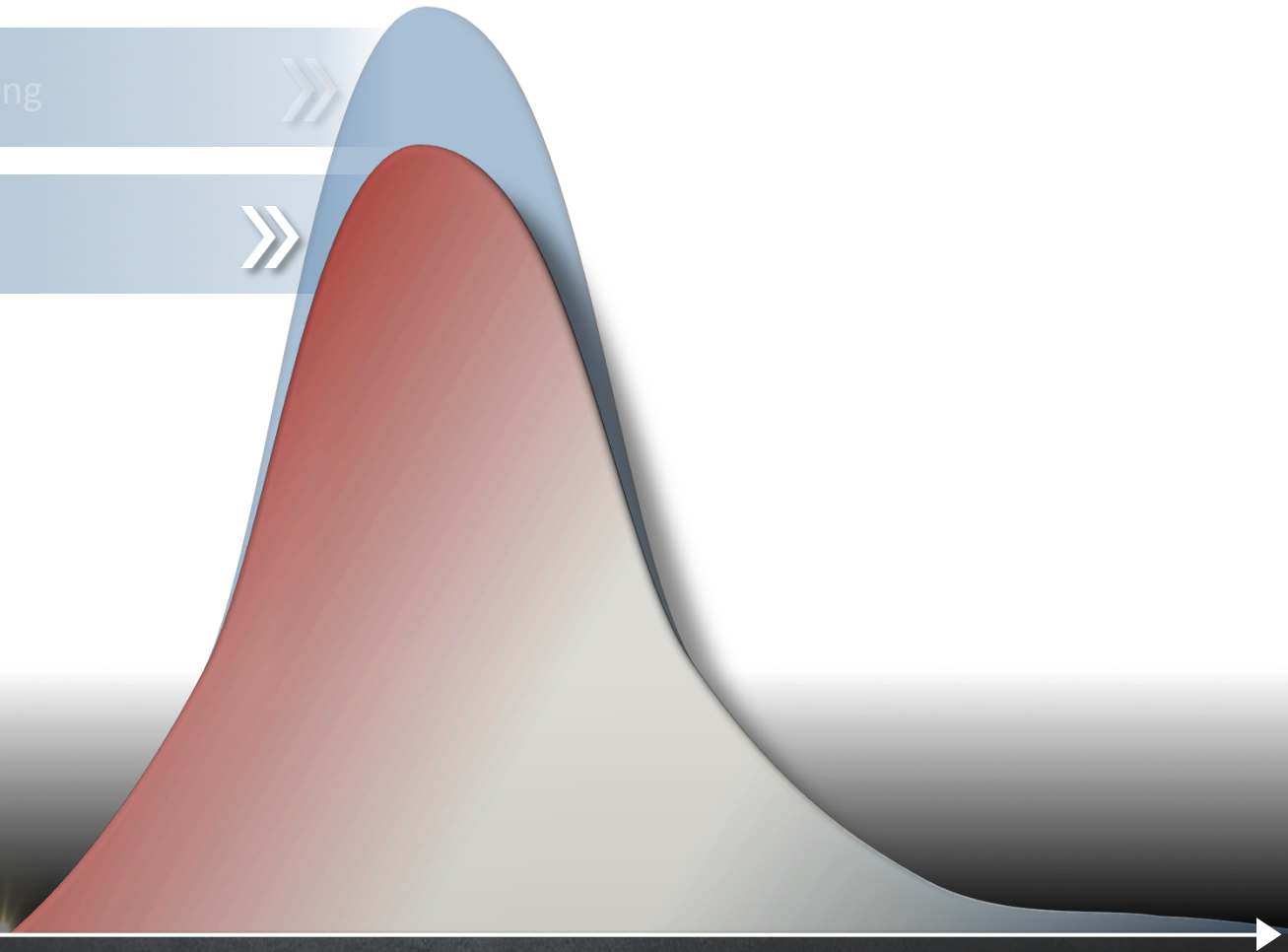
TIME

Epidemic curve

Routine disease reporting



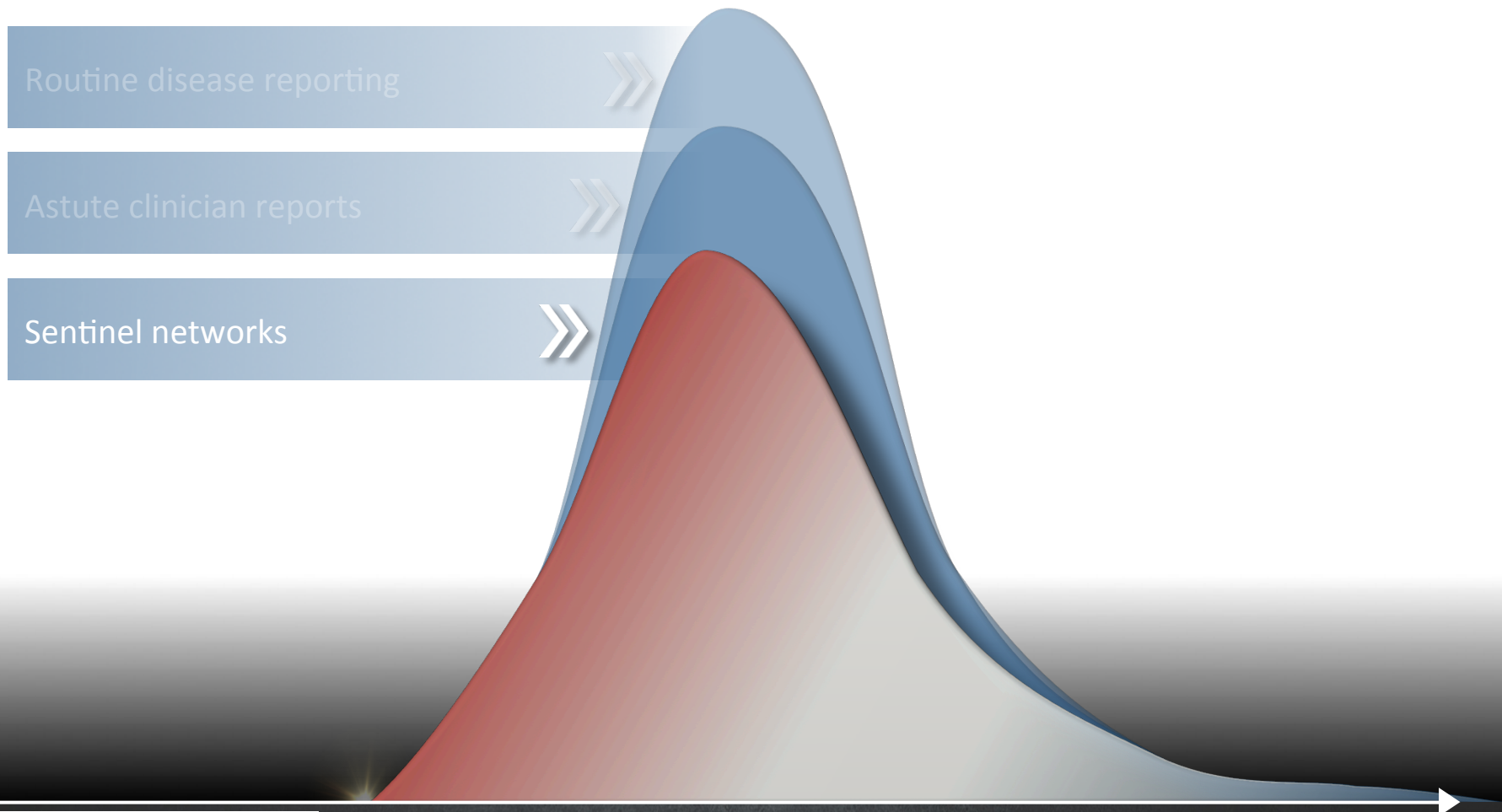
Astute clinician reports



skoll global
threats fund

TIME

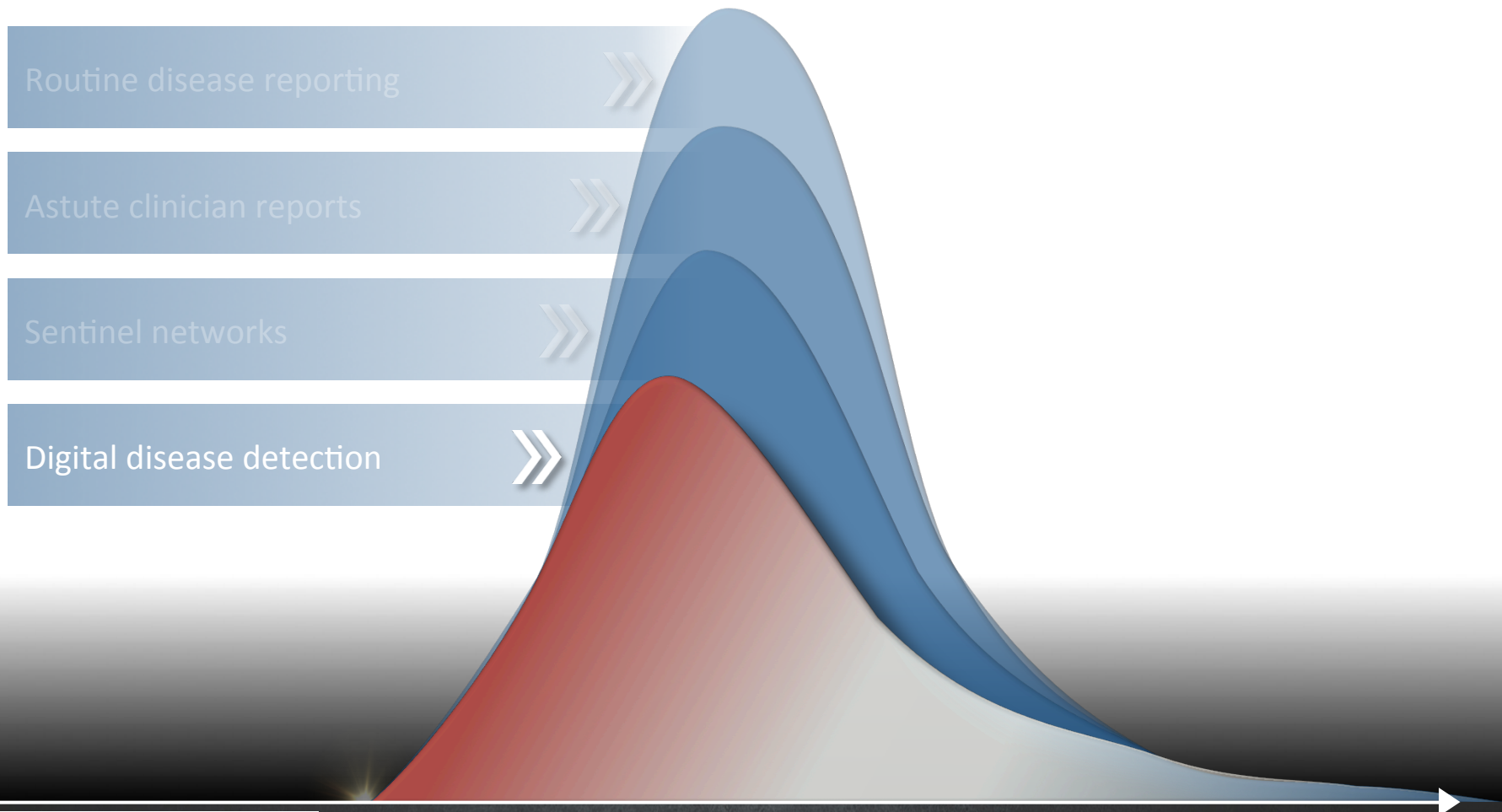
Epidemic curve



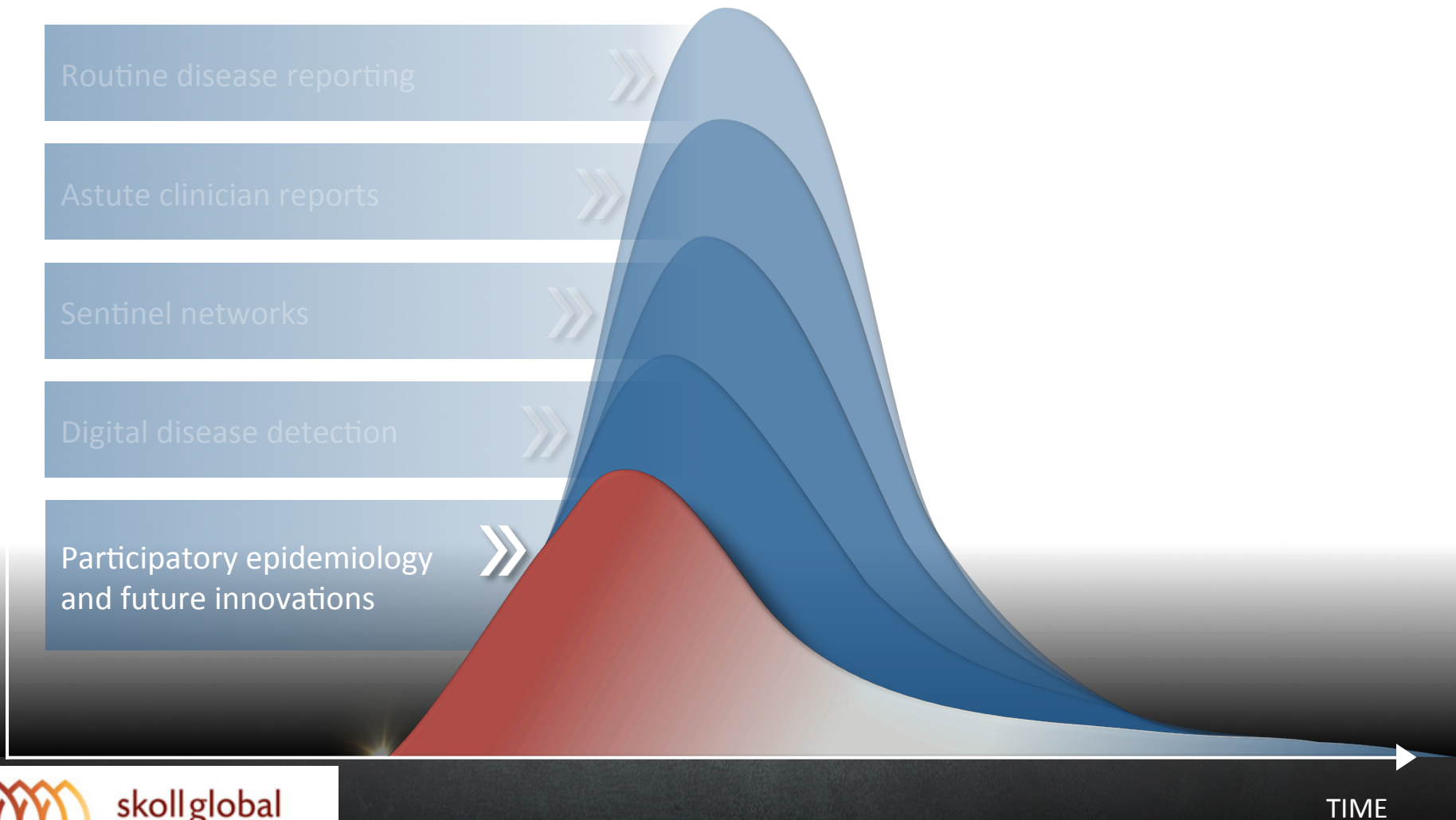
skoll global
threats fund

TIME

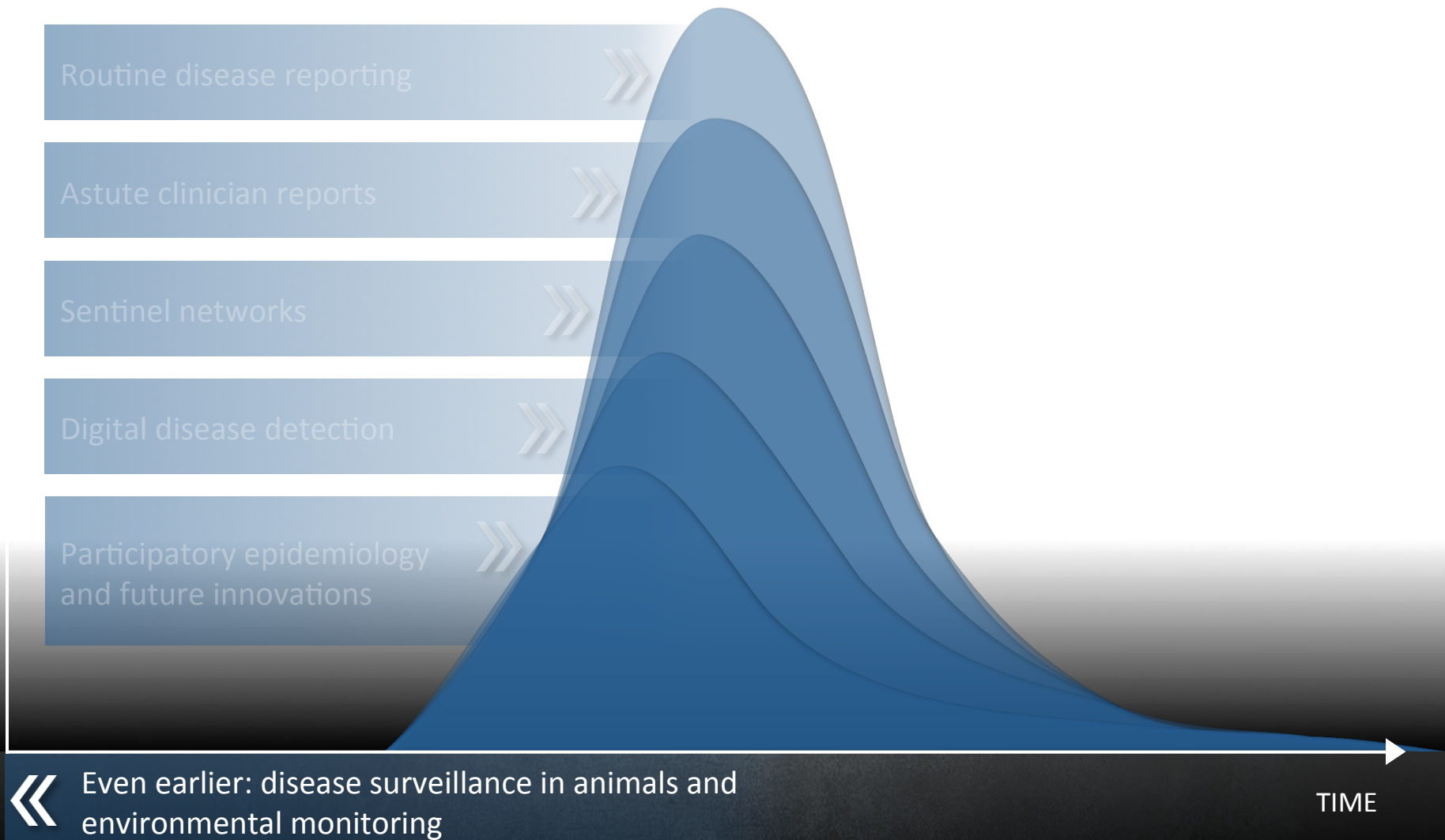
Epidemic curve



Epidemic curve



Epidemic curve





Português

Inglês

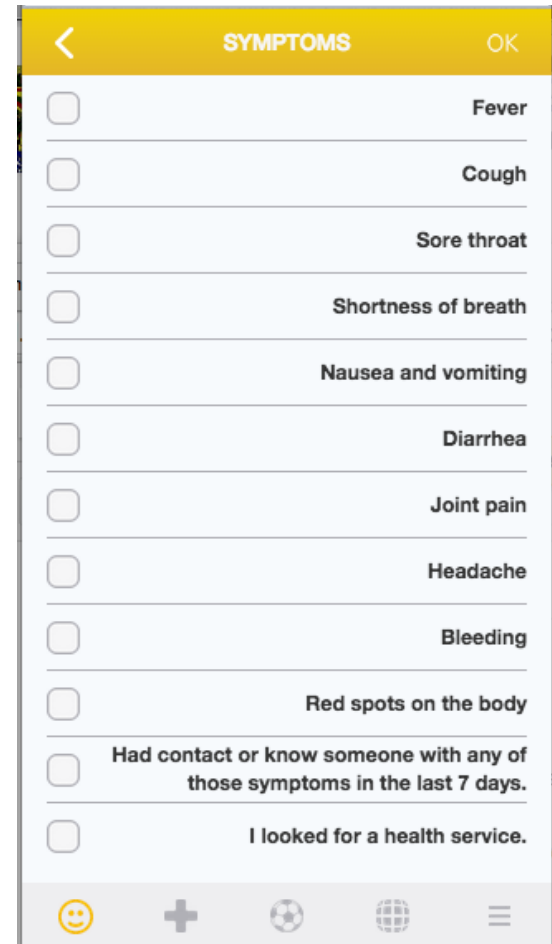
Espanhol

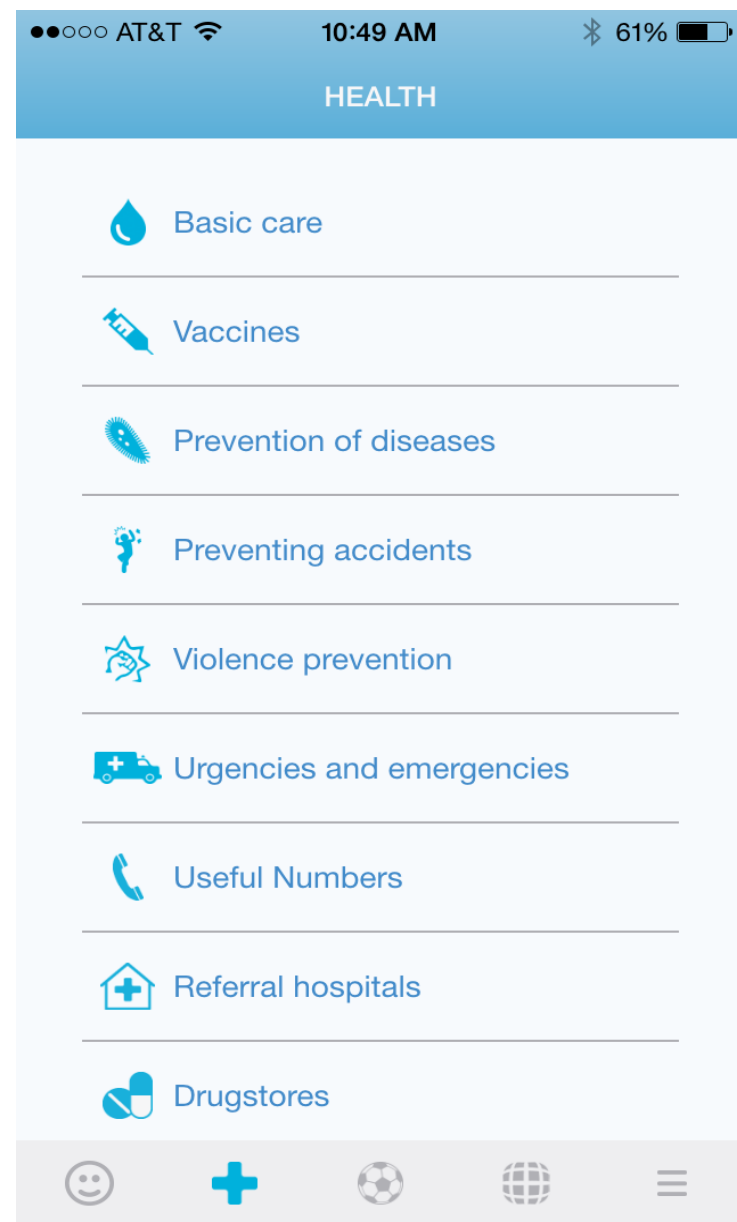


App Store



Google play







CALENDAR OF MATCHES

GROUP STAGE

GROUP A

ROUND 1

Brazil X Croatia

Thursday 12/06/2014 – 17:00 – Arena de São Paulo

Mexico X Cameroon

Friday 13/06/2014 – 13:00 – Estádio das Dunas

ROUND 2

Brazil X Mexico

Tuesday 17/06/2014 – 16:00 – Estádio Castelão

Cameroon X Croatia

Wednesday 18/06/2014 – 18:00 – Arena Amazônia



CATEGORIES



Welcome to the soccer world. From now on, you will start your playing career. Good luck.



U-11

1 - 13 %: Arena Pantanal
14 - 19 %: Arena da Baixada



U-13

20 - 26 %: Estádio das Dunas
27 - 33 %: Arena Amazônia



U-15

34 - 39 %: Arena Pernambuco
40 - 46 %: Estádio Castelão



U-18

47 - 53 %: Beira-Rio
54 - 59 %: Arena Fonte Nova





INTERNATIONAL AGRICULTURAL SURVEILLANCE

- Brazil has rules to control the entry of animals, plants and products in the country;
- Before traveling, consult the Brazilian Embassy or Consulate about the requirements for the imports of animals, plants and other products;
- Products which may not enter into Brazil without previous authorization and/or sanitary certification:
 - Fruits, vegetables, milk, cheese, butter, yogurt, dulce de leche, honey, wax, propolis, fresh or industrialized meats (ham, canned products, fish), fresh vegetables, food served on board;



GOVERNMENTAL

Traveler Health

Secretariat of Health Surveillance

Form for notification of diseases and ailments

Ministry of Agriculture

ANVISA

Legal Baggage

Cup Portal

Applications of the Federal Government



MINISTÉRIO DA SAÚDE @MINSAUDE • 1H

A princípio, qualquer pessoa pode doar sangue, mas é importante observar algumas restrições. Confira! <http://t.co/tPxo0MEHrY> #doesangue

MINISTÉRIO DA SAÚDE @MINSAUDE • 3 HOURS

Um Hospital Amigo da Criança deve seguir 10 passos q beneficiam a mulher e o bebê. Confira e compartilhe <http://t.co/khgJllgfkB> #partonormal



Game Items



Categories



Visit the site



Useful links



Legal Baggage



Consulates





WELCOME

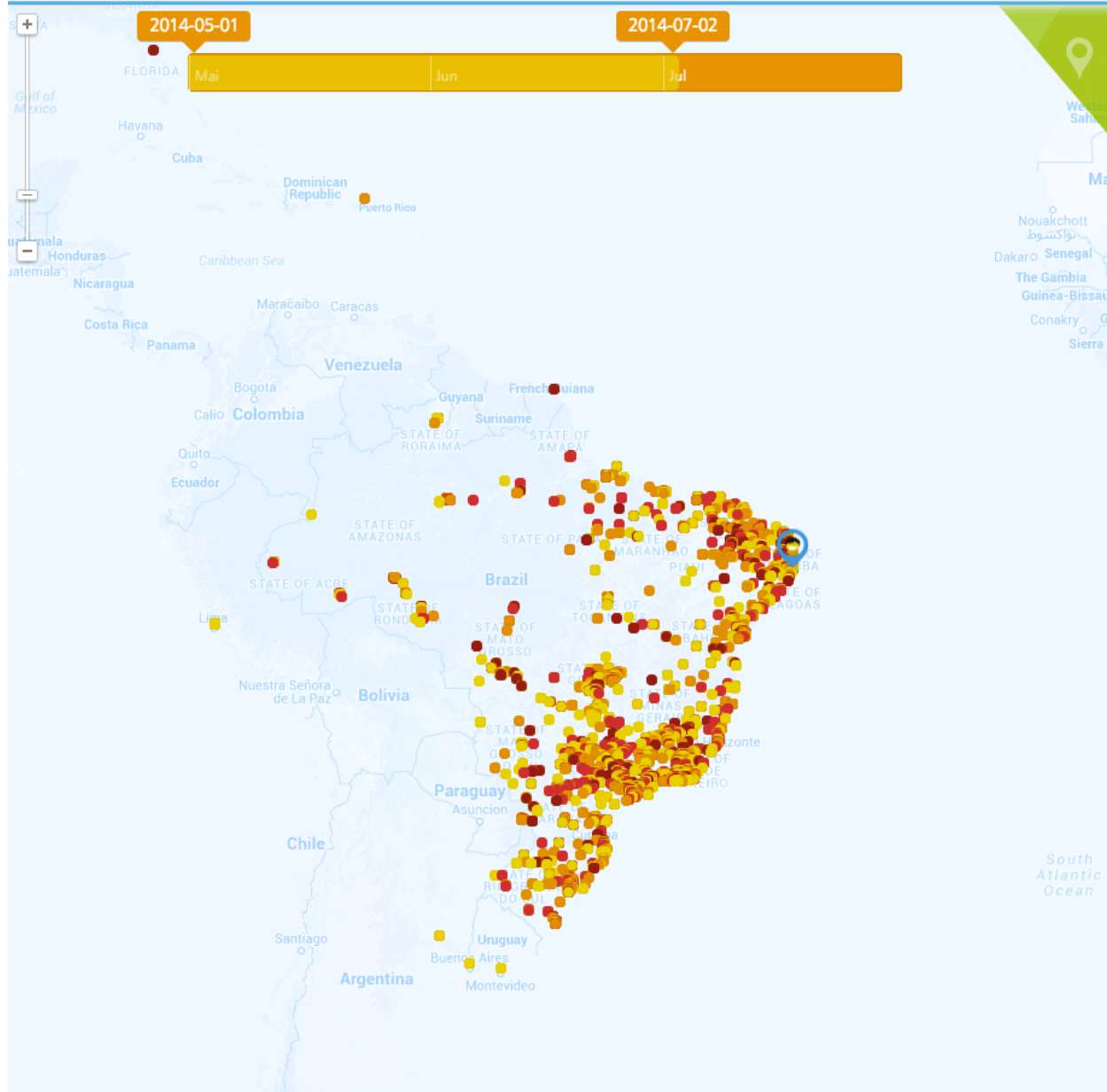
Exit

Map Mapa Style

2014-05-01

2014-07-02

May Jun Jul

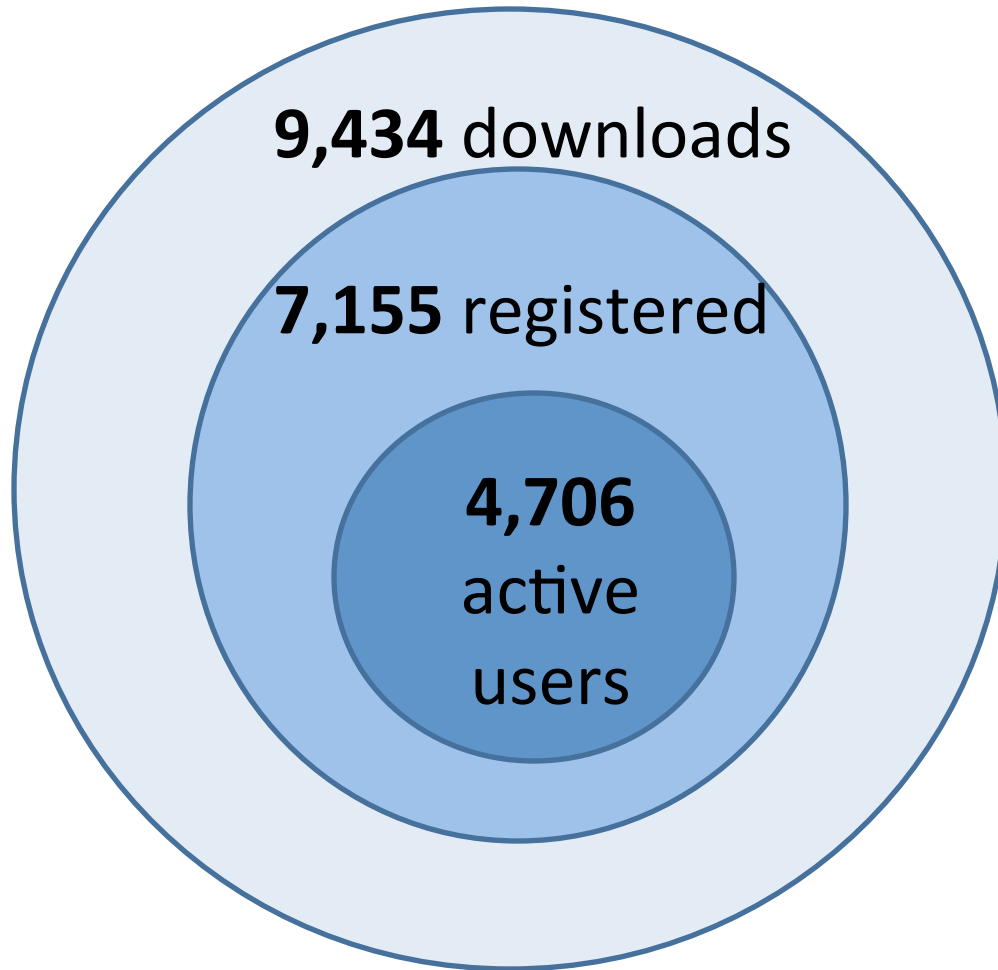


CHOOSE A SYMPTOM	
☐ Fever	1%
☐ Cough	2%
☐ Sore throat	2%
☐ Difficulty breathing	1%
☐ Nausea and vomiting	1%
☐ Diarrhoea	1%
☐ Joint pain	1%
☐ Headache	2%
☐ Bleeding	0%
☐ Red spots on body	0%

SUBTITLES

- You
- Very Well
- Well
- ill
- Very ill

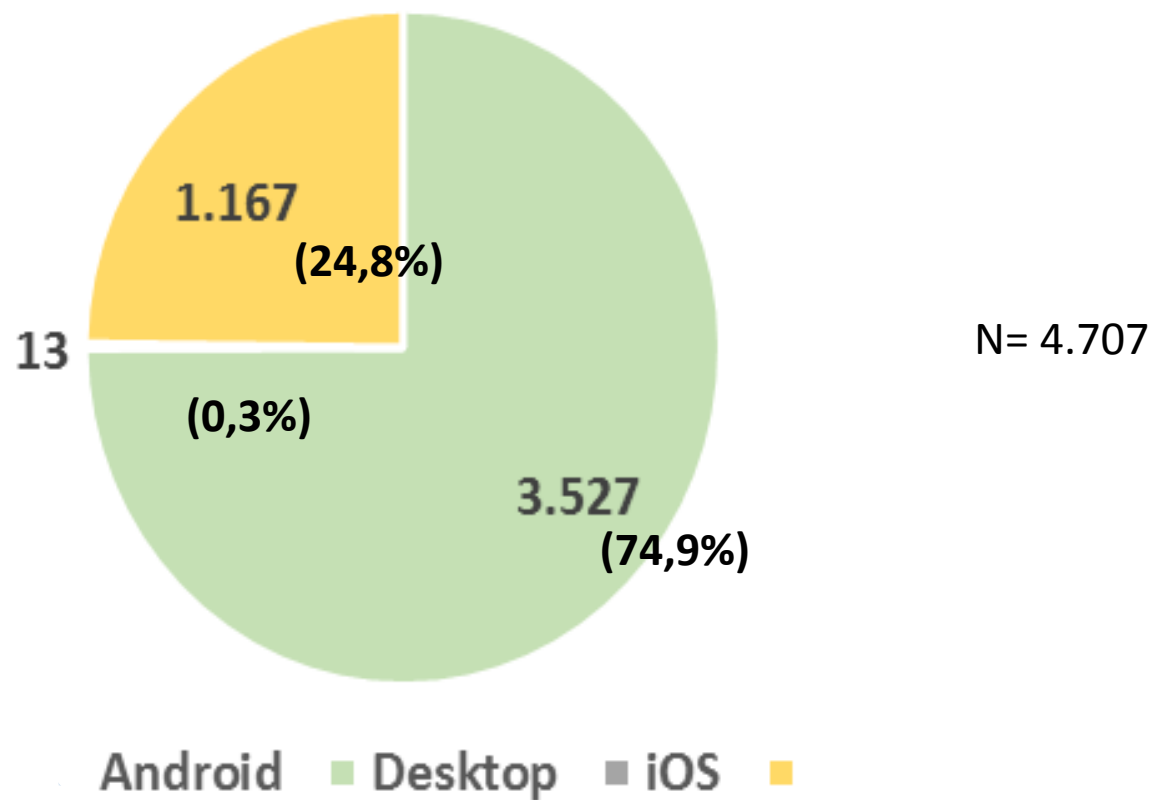
PARTICIPATION



	Age
Minimum	13
Median	30
Maximum	77

- **47,361** postings – **5,329 (2,4%)** reporting at least **1** symptom.

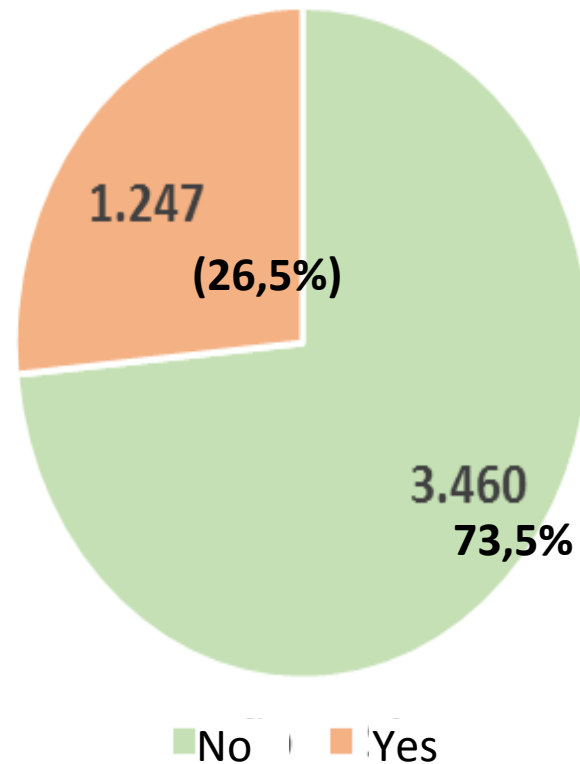
Users by operational systems



Users by number of postings

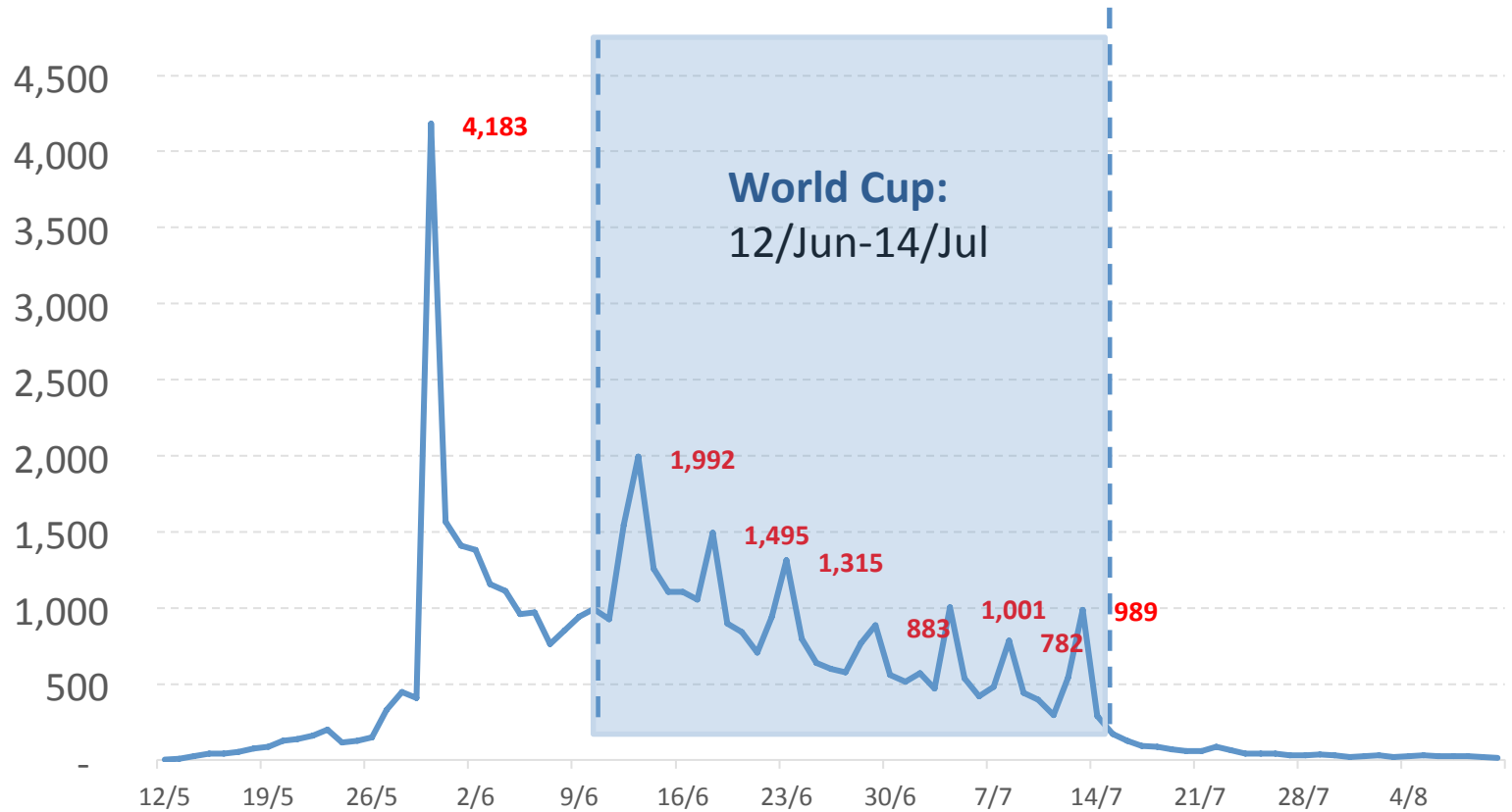
Postings	Value
Minimum	01
25%	01
Median	03
75%	07
Maximum	339

| Symptoms reported in any of the postings



N= 4.707

Users by date of postings



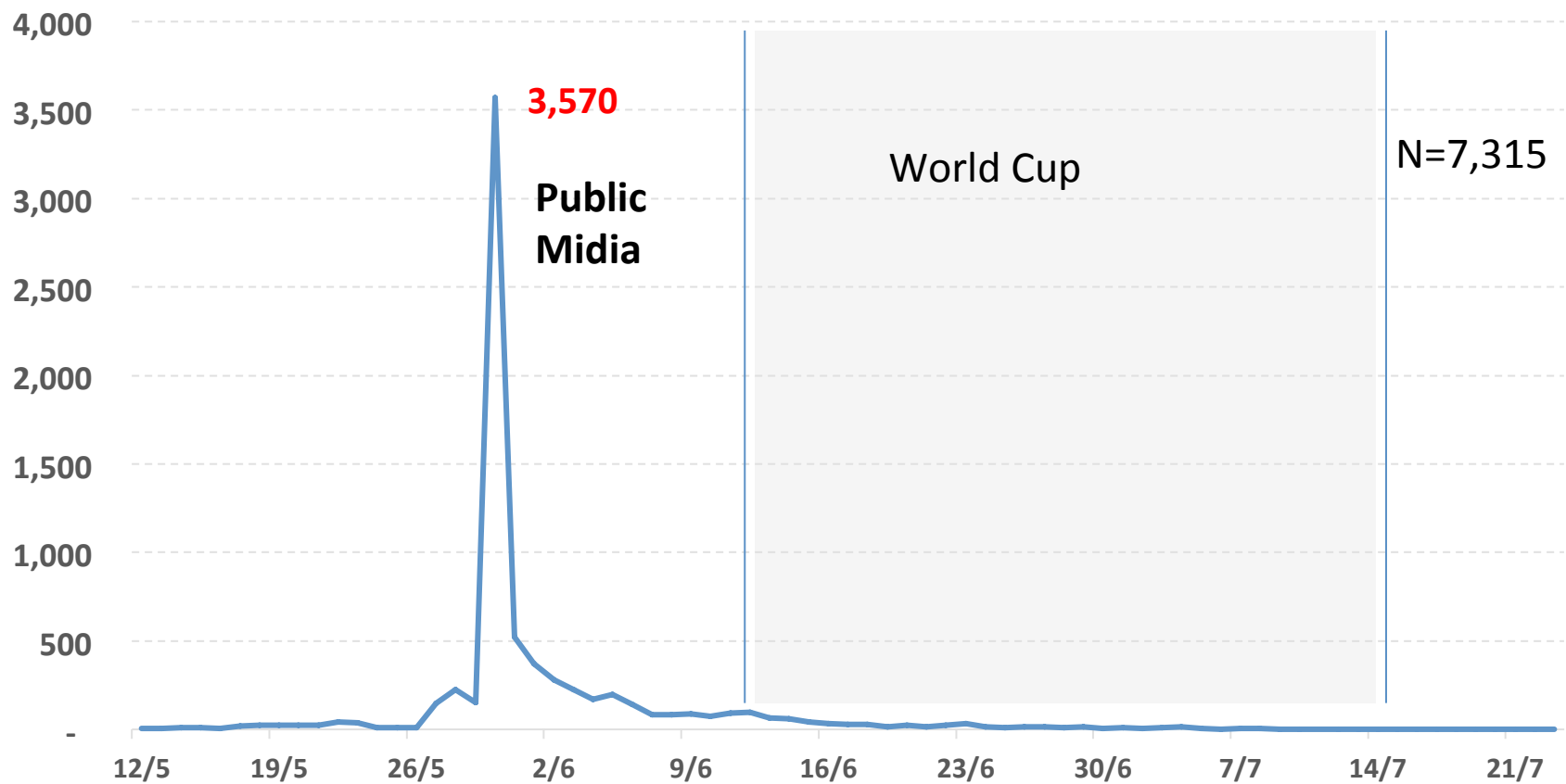
Symptoms described in postings

Symptoms	Frequency	%	Looked for Health Service	% looked for health service	Contact with people with similar symptoms	%
Headache	1.812	3,8	143	7,9	149	8,2
Cough	1.720	3,6	131	7,6	156	9,1
Sore throat	1.550	3,2	128	8,3	157	10,1
Fever	1.168	2,4	126	10,8	129	11,0
Difficulty breathing	784	1,6	104	13,3	106	13,5
Joint pain	778	1,6	109	14,0	105	13,5
Nausea	673	1,4	95	14,1	101	15,0
Diarrea	630	1,3	97	15,4	110	17,5
Bleeding	282	0,6	74	26,2	96	34,0
Rash	255	0,5	82	32,2	92	36,1
Total	5359	11,2	315	5,9	267	5,0

Syndromes as per MoH definitions

			Contact Health Service	Contact Others With Similar Symptoms
Syndrome	Number	%		
Total Postings	47,879	100.0		
Postings with Symptoms	5,359	11.2		
Diarrheal	214	4.2		
Respiratory	425	3.1	75(35%)	91(43%)
Rash	111	5.8	93(22%)	107(25%)
			67(60%)	83(75%)

World Cup Phases	Total Postings	%	Postings with Symptoms	% Symptom s
1. Pre-Cup	19.737	41,2	3.490	17,7
2. Groups phase	16.868	35,2	1.241	7,4
3. Group 16	3.762	7,9	217	5,8
4.Quarter final	2.438	5,1	103	4,2
5.Semi- final	1.910	4,0	128	6,7
6.Final	1.533	3,2	98	6,4
7. After-Cup	1.631	3,4	82	5,0
Total	47.879	100,0	5.359	11,2





CONSULATES

Albania

Angola

Argentina

Armenia

Australia

Austria

Bangladesh

Belgium

Benin



Distribution of postings by site

Site	Postings	%
Host-city	26.218	54,8
Other cities- Brazil	18.137	37,9
Other countries		
Países	677	1,4
No info	2.847	5,9
Total	47.879	100,0

Host-city	Postings	%
Brasília	7.951	30,3
Recife	4.316	16,5
Rio de Janeiro	3.069	11,7
São Paulo	2.125	8,1
Fortaleza	1.519	5,8
Salvador	1.324	5,0
Belo Horizonte	1.133	4,3
Cuiabá	1.109	4,2
Manaus	985	3,8
Natal	938	3,6
Porto Alegre	925	3,5
Curitiba	824	3,1
TOTAL	26.218	100,0

Symptoms described in postings

Event	No.	%
Total Postings	47.879	100,0
Postings with symptoms	5.359	11,2
Diarrheal syndrome/Symptomatic	214	4,0
Looked for health service/Diarrheal syndrome	75	35,0
Contact with others/ Diarrheal Syndrome	91	42,5

Event	No.	%
Total postings	47.879	100,0
Postings with symptoms	5.359	11,2
Respiratory syndrome/ symptomatic	425	7,9
Looked for health service/ respiratory syndrome	93	21,9
Contact with others / respiratory syndrome	107	25,2

Event	No.	%
Total postings	47.879	100,0
Postings with symptoms	5.359	11,2
Exanthematic syndrome/ symptomatic	425	7,9
Looked for health service / rash syndrome	93	21,9
Contact with others / rash syndrome	107	25,2



FIFA WORLD CUP
Brasil





EPITRACK 
eHealth for better Health



Ministério da
Saúde

