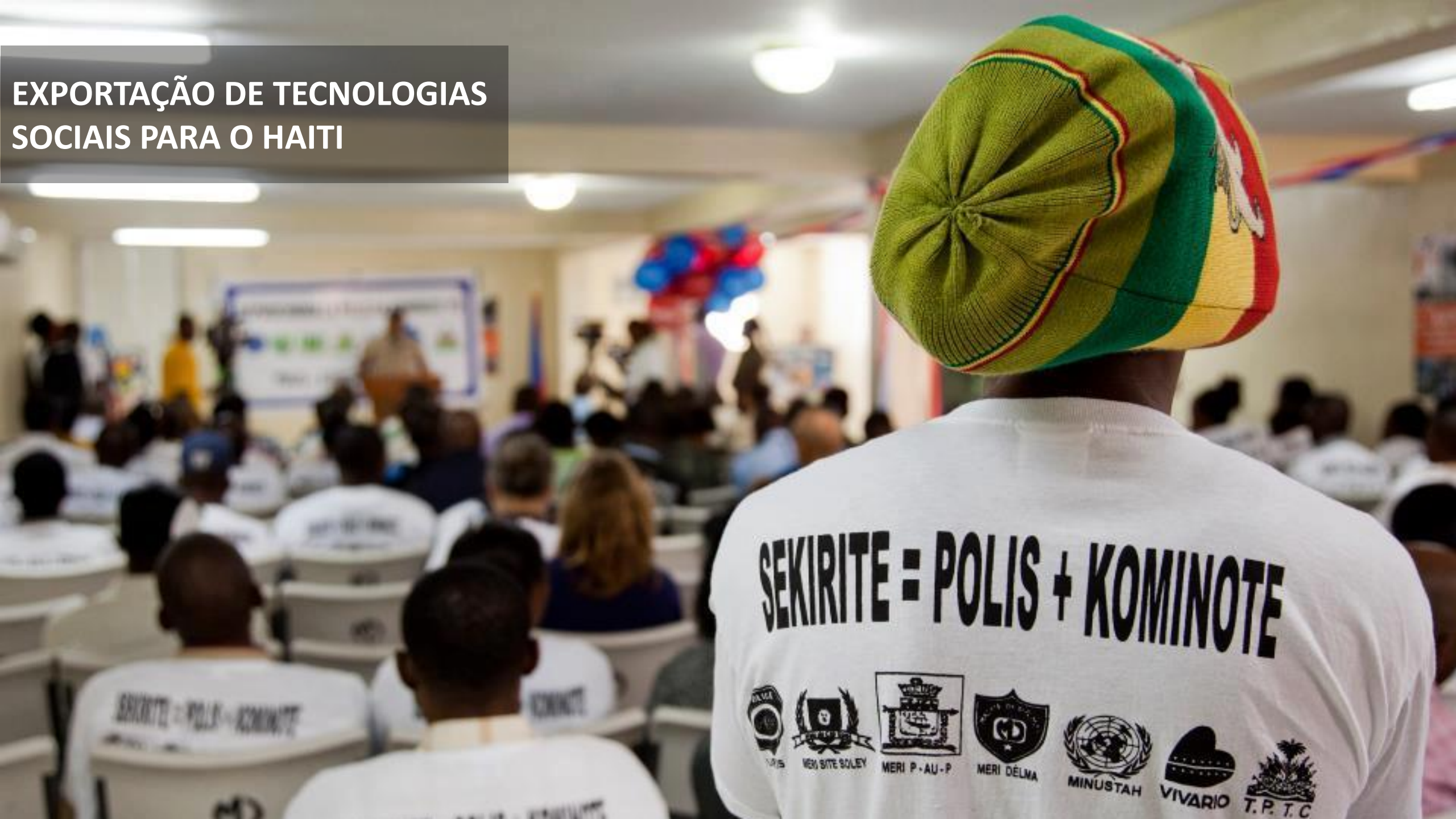

VIVARIO

VIVA RIO’s BIOGRAPHY

- Fundado em 1993 depois de uma crescente onda de violência;
- Expande-se como um movimento social (1993/2005);
- Torna-se um “laboratório de inovação social”;
- Estabelece-se como provedor de serviços de saúde especializado em territórios vulneráveis (2009);
- Conta com mais de 9300 funcionários, atendendo diretamente mais de 2 milhões de pessoas no Rio de Janeiro;
- **Desafio Atual: tornar-se um hub de inovação em políticas públicas**.


BASTA!
EU QUERO PAZ!

EXPORTAÇÃO DE TECNOLOGIAS SOCIAIS PARA O HAITI

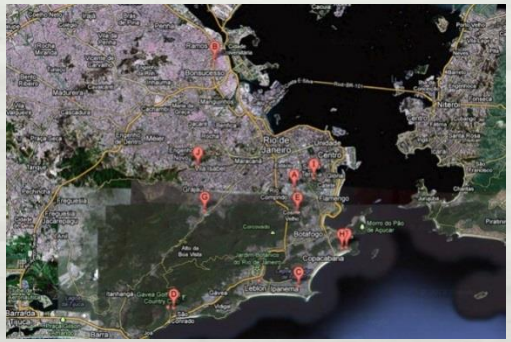


POTENCIAL DE ESCALA

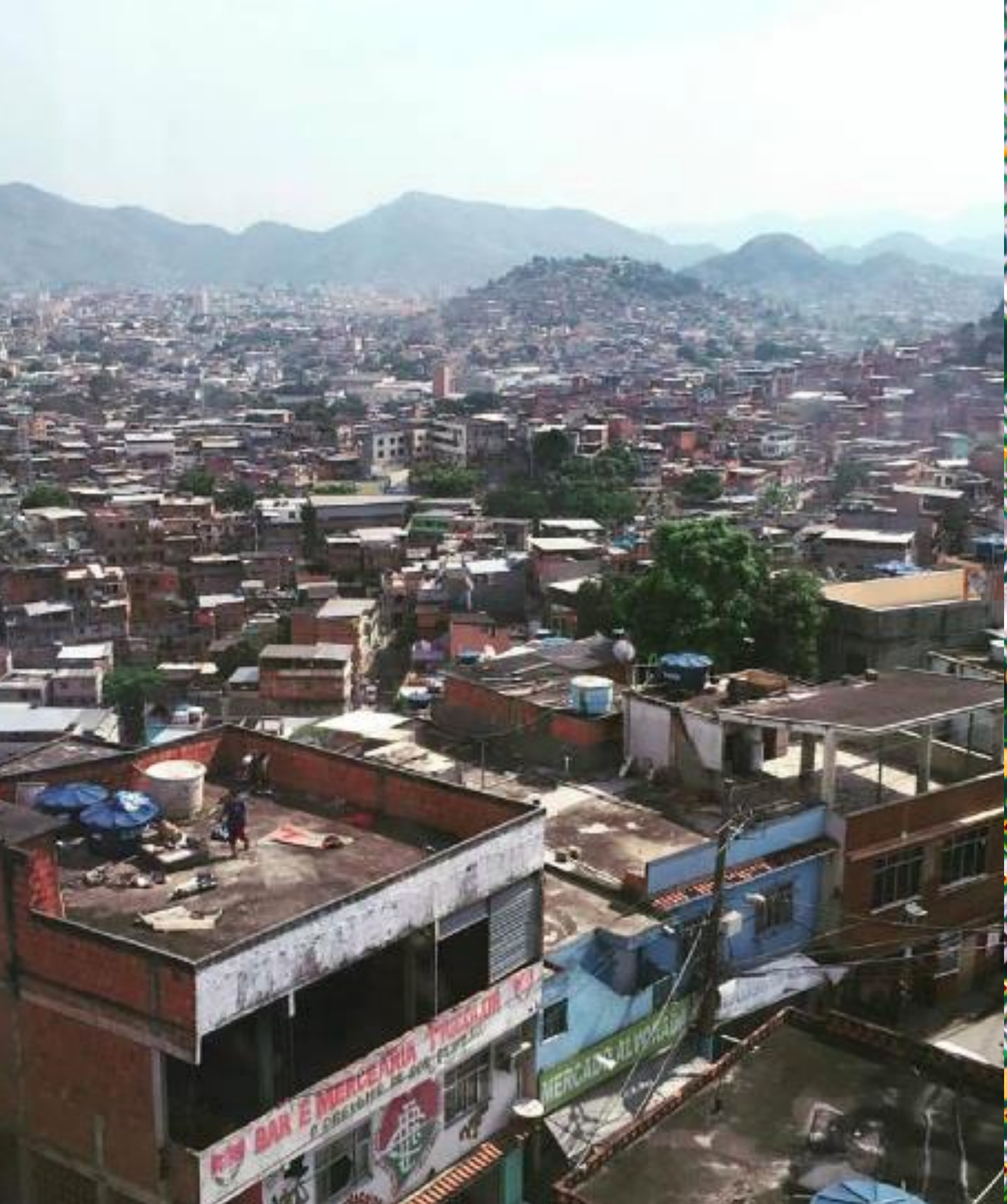
TERRITORIAL DEVLOPMENT

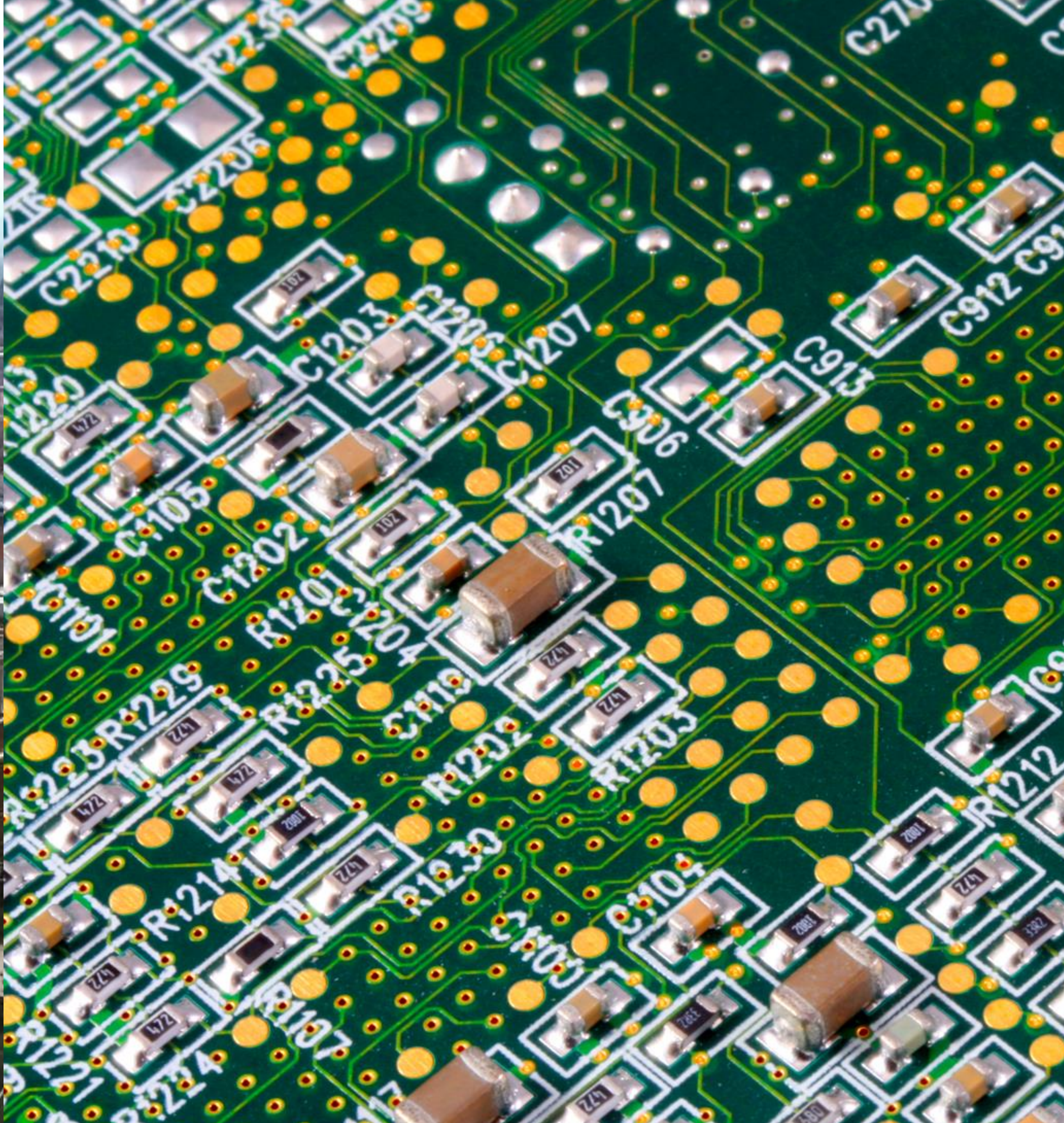
Global

Local



Territorial


BAR E MERCEARIA


C2206
C2210
C1203
C1206
C1207
C913
C912
C906
C1105
C1202
R1201
C1204
R1207
R1229
R1225
R1202
R1203
R1214
R1230
C1104
R1107
R1212

Singularity

UNIVERSITY


UBER
Taxi Fleets
skype™
Long Distance
amazon.com
Book Stores
Google™
Research/Libraries
craigslist
Classifieds
airbnb
Hotel Chains

ESTUDO DE CASO: AIME

PARCEIRIA COM SU

TESTE DE CAMPO DE INNOVAÇÕES COM POTENCIAL DE IMPACTO EM LARGA ESCALA

PARCEIRIAS E COLABORAÇÕES QUE DÃO SUPORTE AO APERFEÇOAMENTO DO TRABALHO REALIZADO NO CAMPO


CBS NEWS
CBS NEWS
J10

2.5 BILHÕES EM RISCO

400M Casos de dengue ANUAIS

1.3M Casos de Zika Até o Momento

DENGUE & ZIKA NO MUNDO

Image Source: HealthMap

$1.3 B

$440 M
Média
Mundial

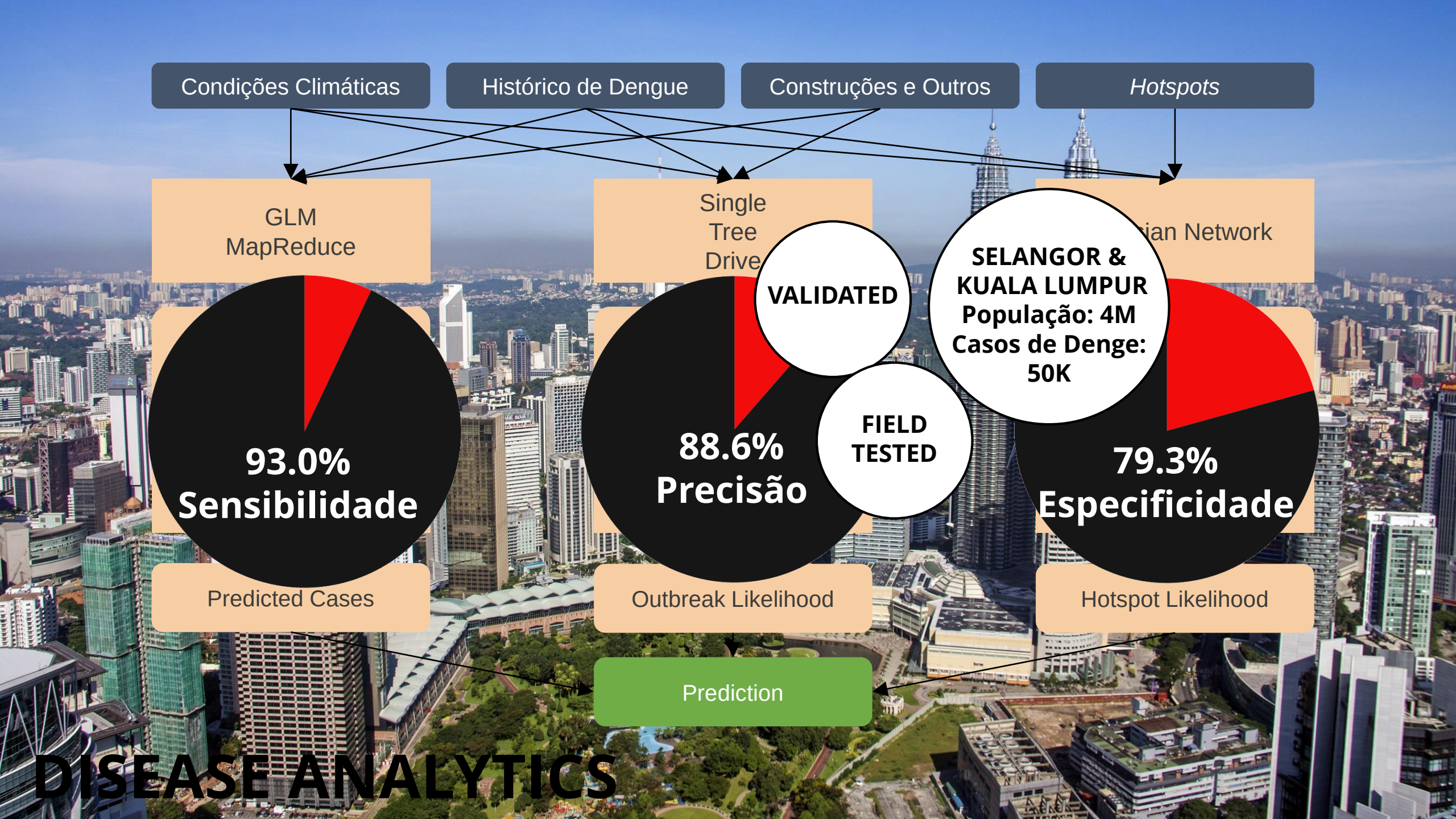
IMPACTO ECONÔMICO

WHO, 2014


FILIPINAS
108.263
Pop.
100.617.630
MALÁSIA
98.500
Pop.
30.809.000
São Paulo
630.021
casos acumulados
confirmados
de dengue
outubro 2015
Pop.
44.396.484
SÃO PAULO
Dados informados por SINAN Dengue, 30/10/2015


60.667
casos acumulados
suspeitos
de dengue
novembro 2015
INDIA
6,500
MÉXICO
22,506
REPÚBLICA
DOMINICANA
6,975
RIO DE JANEIRO
Rio Contra Dengue, 25/11/2015

GESTÃO DE SURTOS

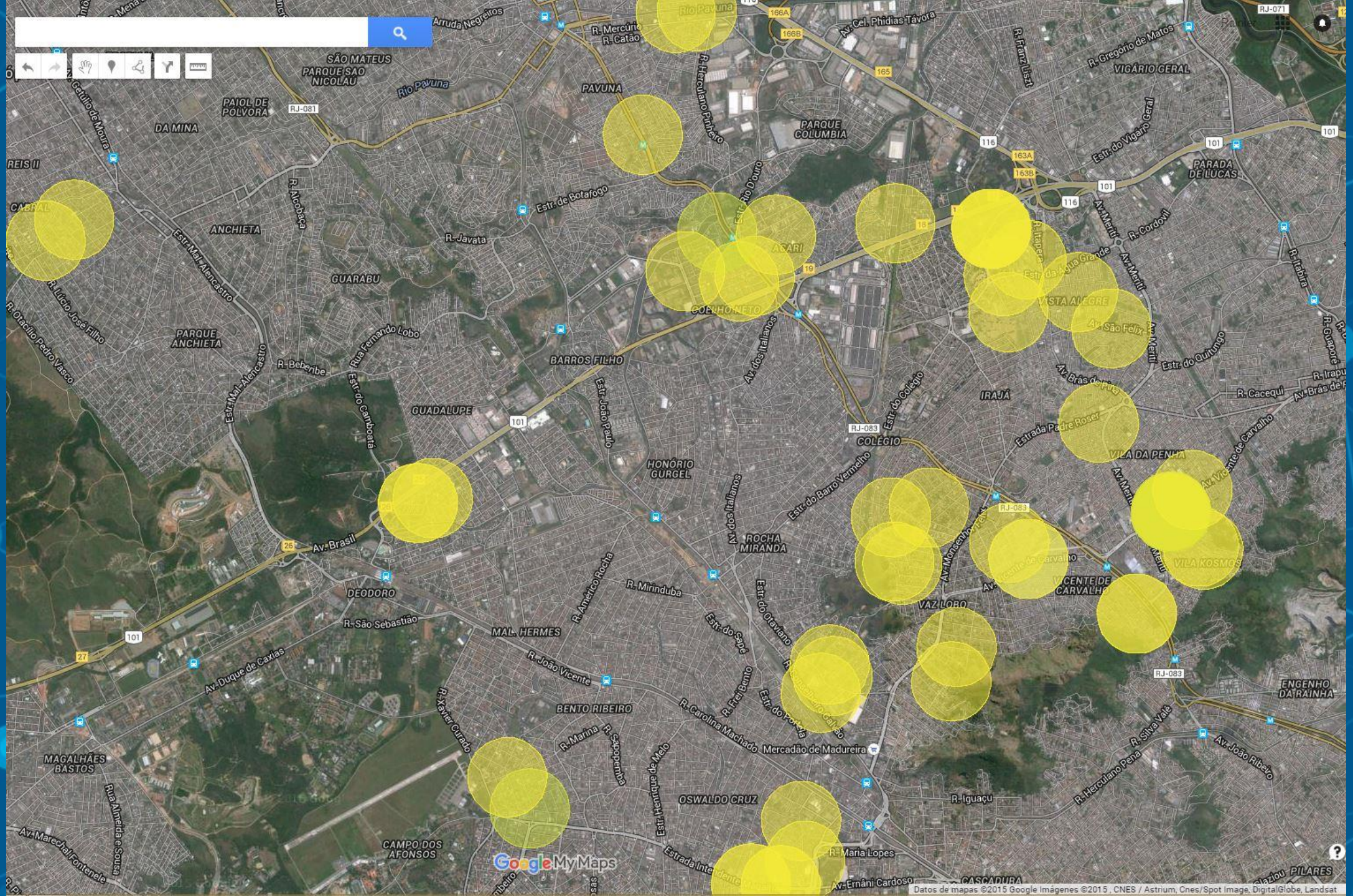

Condições Climáticas
Histórico de Dengue
Construções e Outros
Hotspots
GLM
MapReduce
Single
Tree
Drive
ian Network
93.0%
Sensibilidade
88.6%
Precisão
79.3%
Especificidade
VALIDATED
FIELD
TESTED
SELANGOR &
KUALA LUMPUR
População: 4M
Casos de Denge:
50K
Predicted Cases
Outbreak Likelihood
Hotspot Likelihood
Prediction
DISEASE ANALYTICS

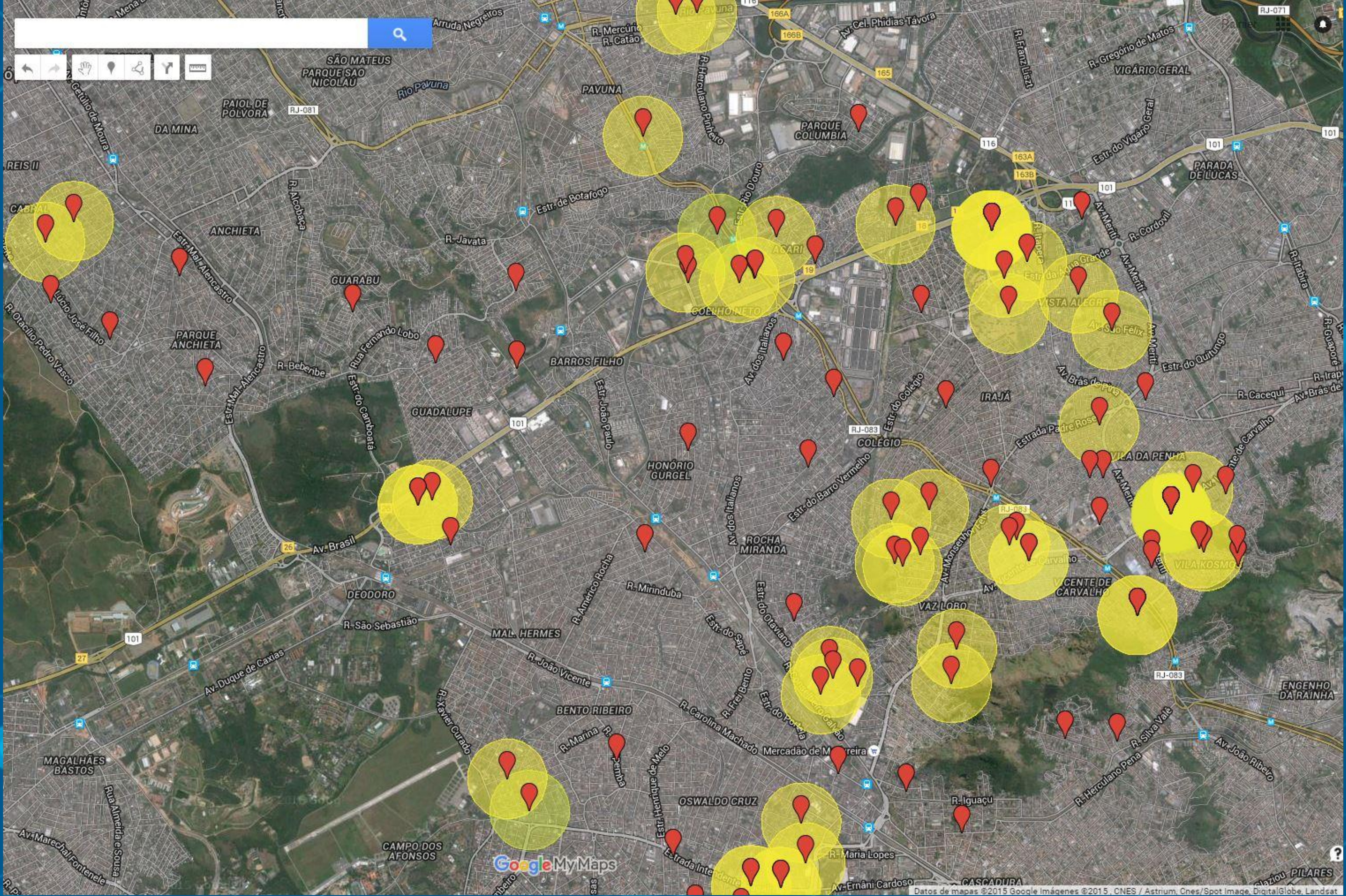
Precisão de

84.11%

Com pessoal e recursos limitados

VIVARIO


Rio Pavuna
SÃO MATEUS
PARQUE SÃO NICOLAU
PAIOL DE POLVORA
DA MINA
REIS II
CABRAL
ANCHIETA
GUARABU
PARQUE ANCHIETA
PAVUNA
PARQUE COLUMBIA
ALSARI
COELHO NETO
BARROS FILHO
GUADALUPE
HONÓRIO GURGEL
ROCHA MIRANDA
DEODORO
MAL. HERMES
BENTO RIBEIRO
MAGALHÃES BASTOS
OSWALDO CRUZ
CAMPO DOS AFONSOS
COLÉGIO
IRAJÁ
VILA DA PENHA
VILA KOSMOS
VICENTE DE CARVALHO
VAZ LOBO
ENGENHO DA RAINHA
VIGÁRIO GERAL
PARADA DE LUCAS
CASCADURA
PILARES
Mercadão de Madureira
Av. Brasil
Estr. de Botafogo
Estrada Padre Roser
Google My Maps
Datos de mapas ©2015 Google Imágenes ©2015 , CNES / Astrium, Cnes/Spot Image, DigitalGlobe, Landsat



SÃO MATEUS
PARQUE SÃO NICOLAU
PAIOL DE PÓLVORA
DA MINA
Rio Pavuna
PAVUNA
PARQUE COLUMBIA
VIGÁRIO GERAL
PARADA DE LUCAS
CABRAL
ANCHIETA
GUARABU
PARQUE ANCHIETA
Estr. de Botafogo
R. Javata
BARROS FILHO
GUADALUPE
COELHO NETO
ACARI
VISTA ALEGRE
IRAJÁ
COLÉGIO
HONÓRIO GURGEL
ROCHA MIRANDA
VILA DA PENHA
VILA KOSMOS
VICENTE DE CARVALHO
VAZ LOBO
Av. Brasil
DEODORO
MAL. HERMES
R. São Sebastião
R. Mirinduba
BENTO RIBEIRO
OSWALDO CRUZ
Mercadão de Madureira
MAGALHÃES BASTOS
CAMPO DOS AFONSOS
CASCADURA
ENGENHO DA RAINHA
PILARES
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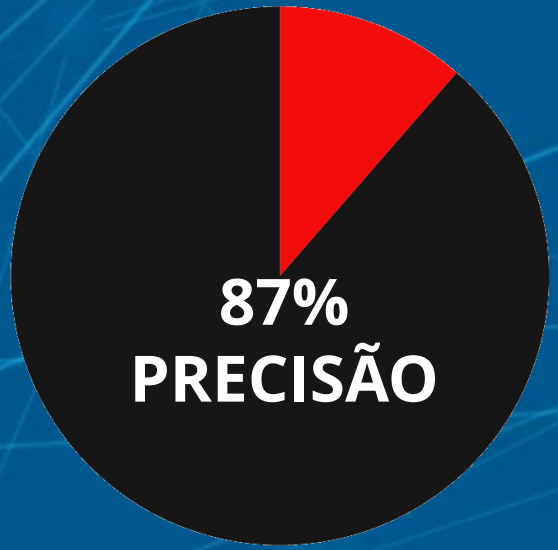
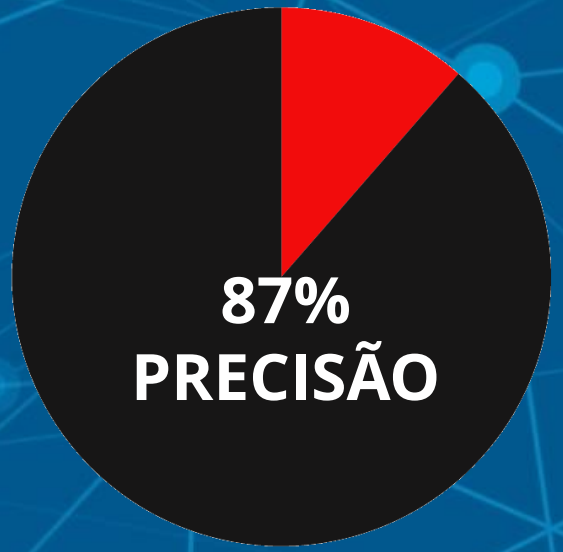
DENGUE

ZIKA



CHIKUNGUNYA

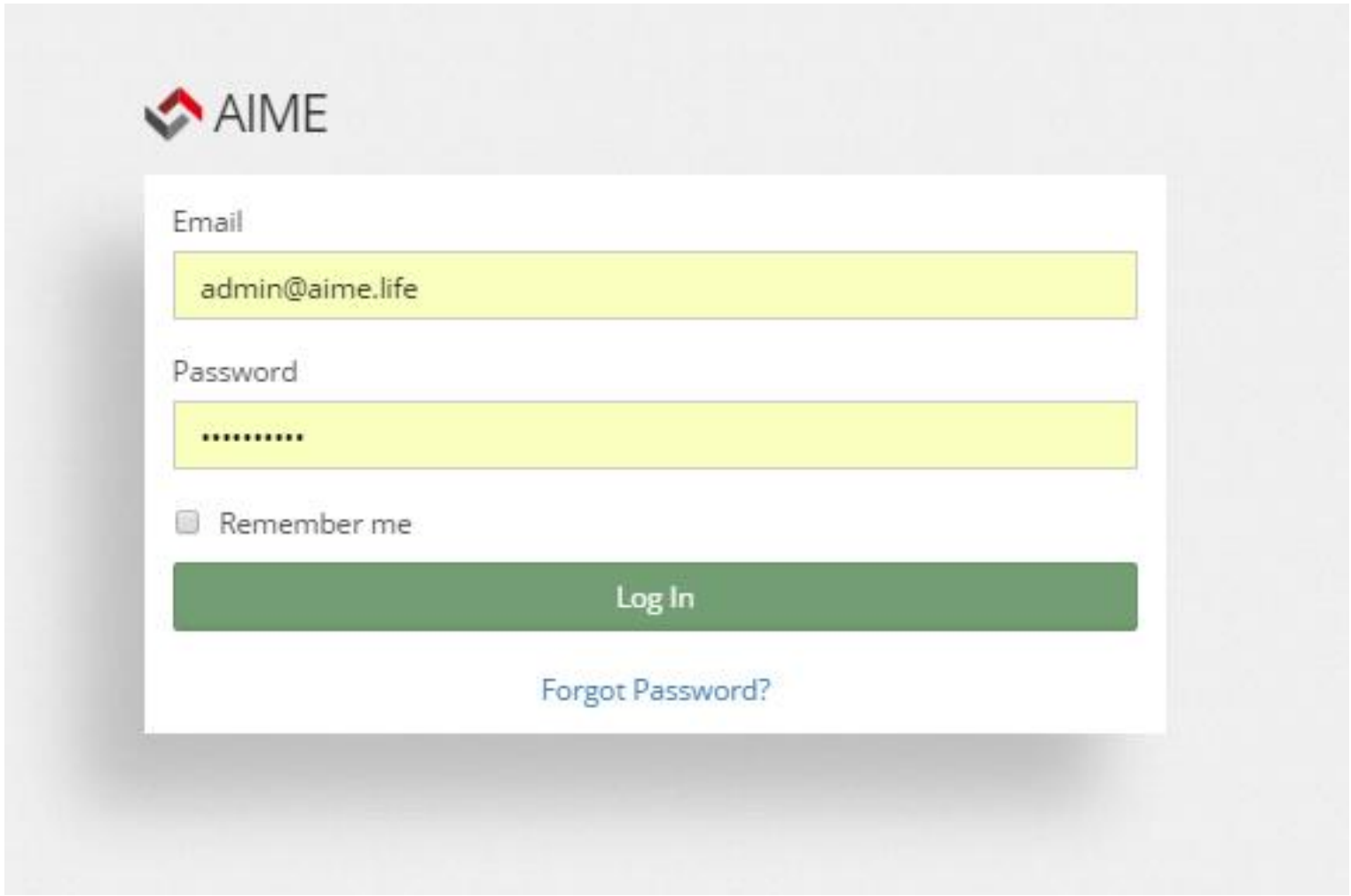


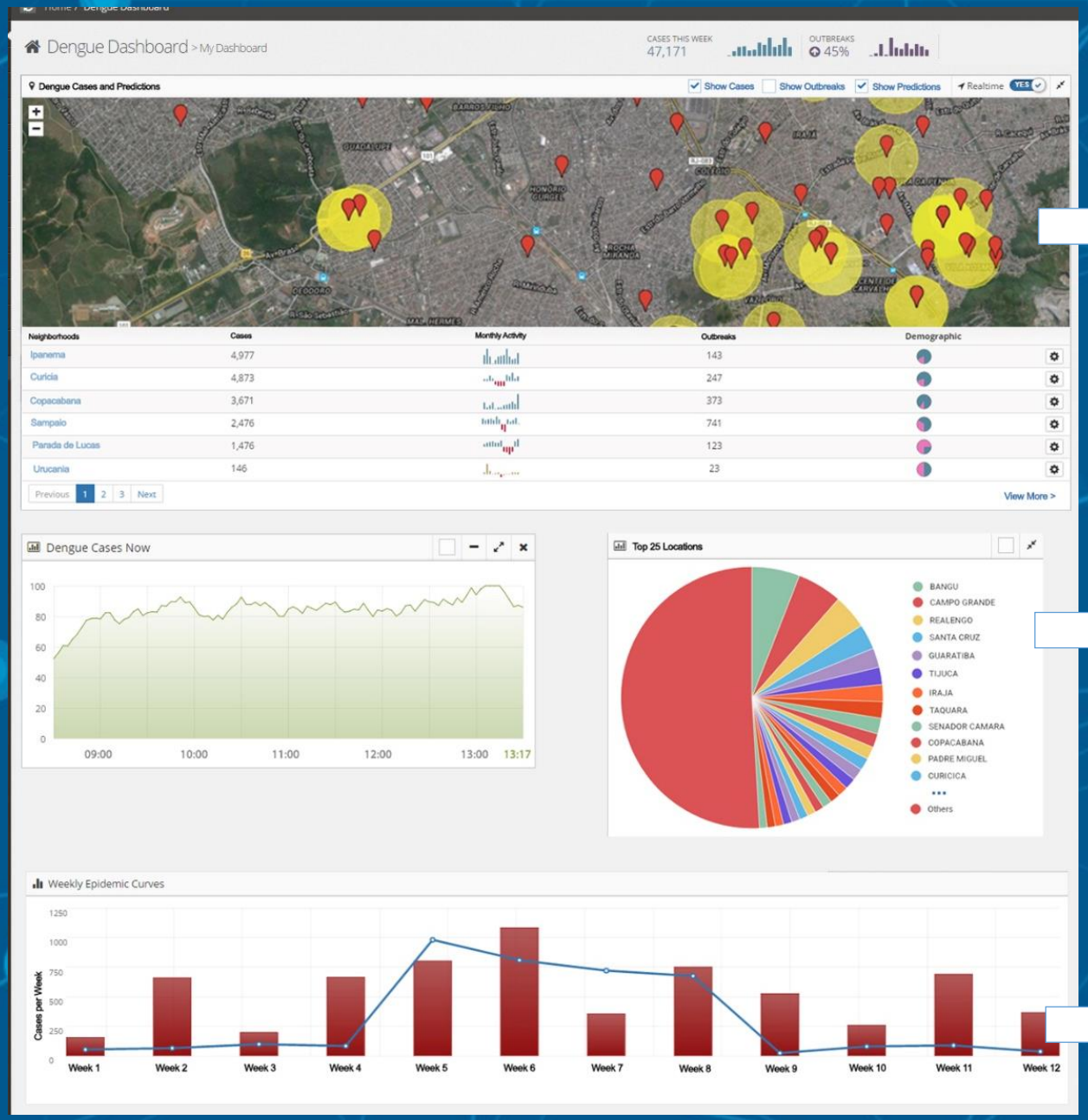
PREDIÇÃO DE DOENÇAS

Mais de 270 variáveis.

- Apenas precisamos de 3 dados iniciais: Casos Notificados, Casos Confirmados e Endereços

- Criamos um sistema que utiliza mais de 50 fontes de dados independentes, tais como: NASA, ONU Satélites Locais, Governos e outros.


AIME
Email
admin@aime.life
Password
Remember me
Log In
Forgot Password?



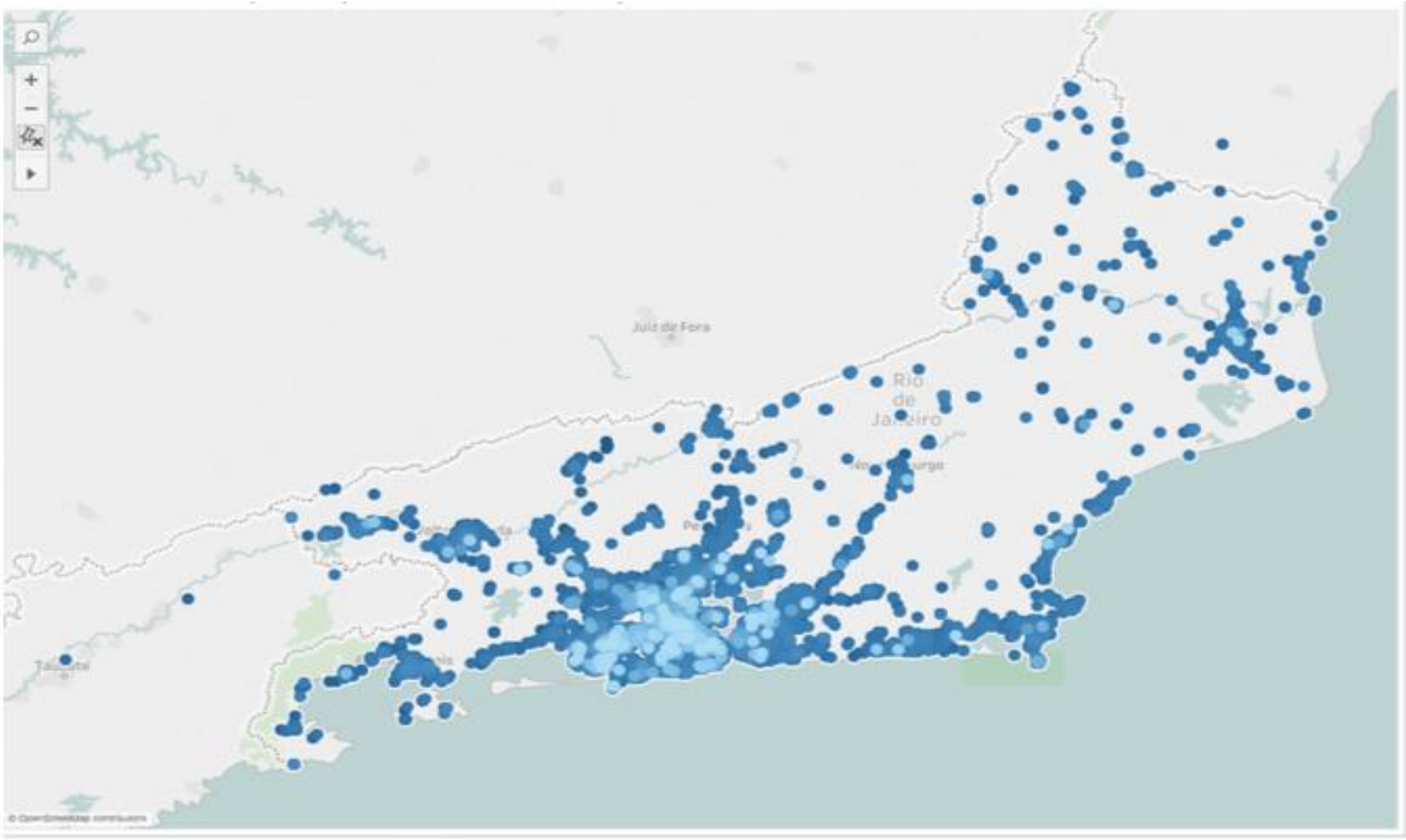
PREDIÇÃO EM TEMPO REAL

LOCALIZAÇÃO & MAGNITUDE

CURVAS EPIDEMIOLÓGICA & RELATÓRIOS

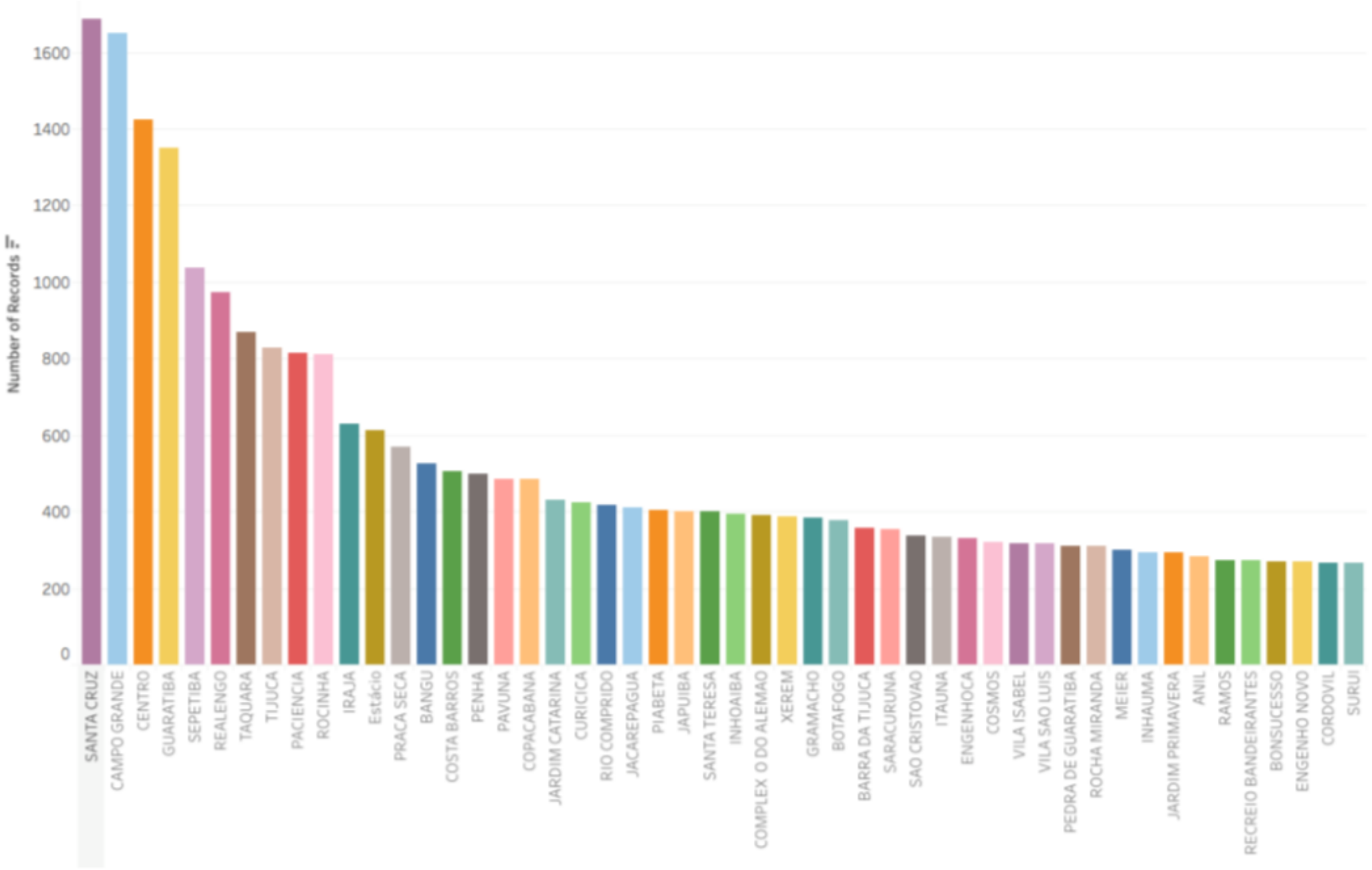

InVision
8:00 PM
100%
Report Dengue Case
Menara Olympia
Arenaa star
Flea Market
Petaling Street
Jalan Sultan
Jalan Tun H.S. Lee
Dengue Map
Site Complaint
Health News
Q&A Sessions

Aonde a Zika se **originou** no Rio? Como ela se espalha **hoje**?

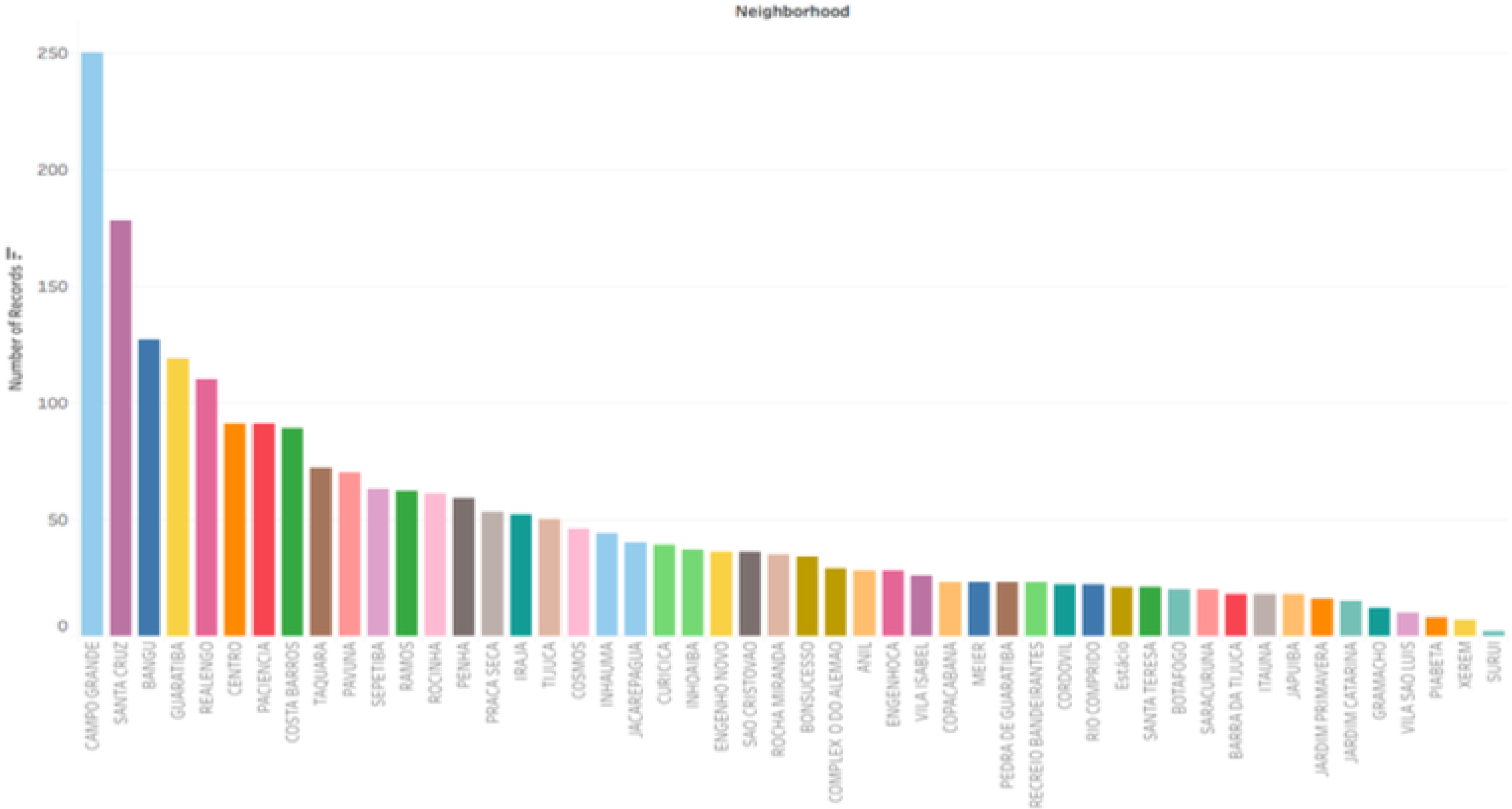


Fonte do espraiamento:
dos pontos mais claros aos mais escuros

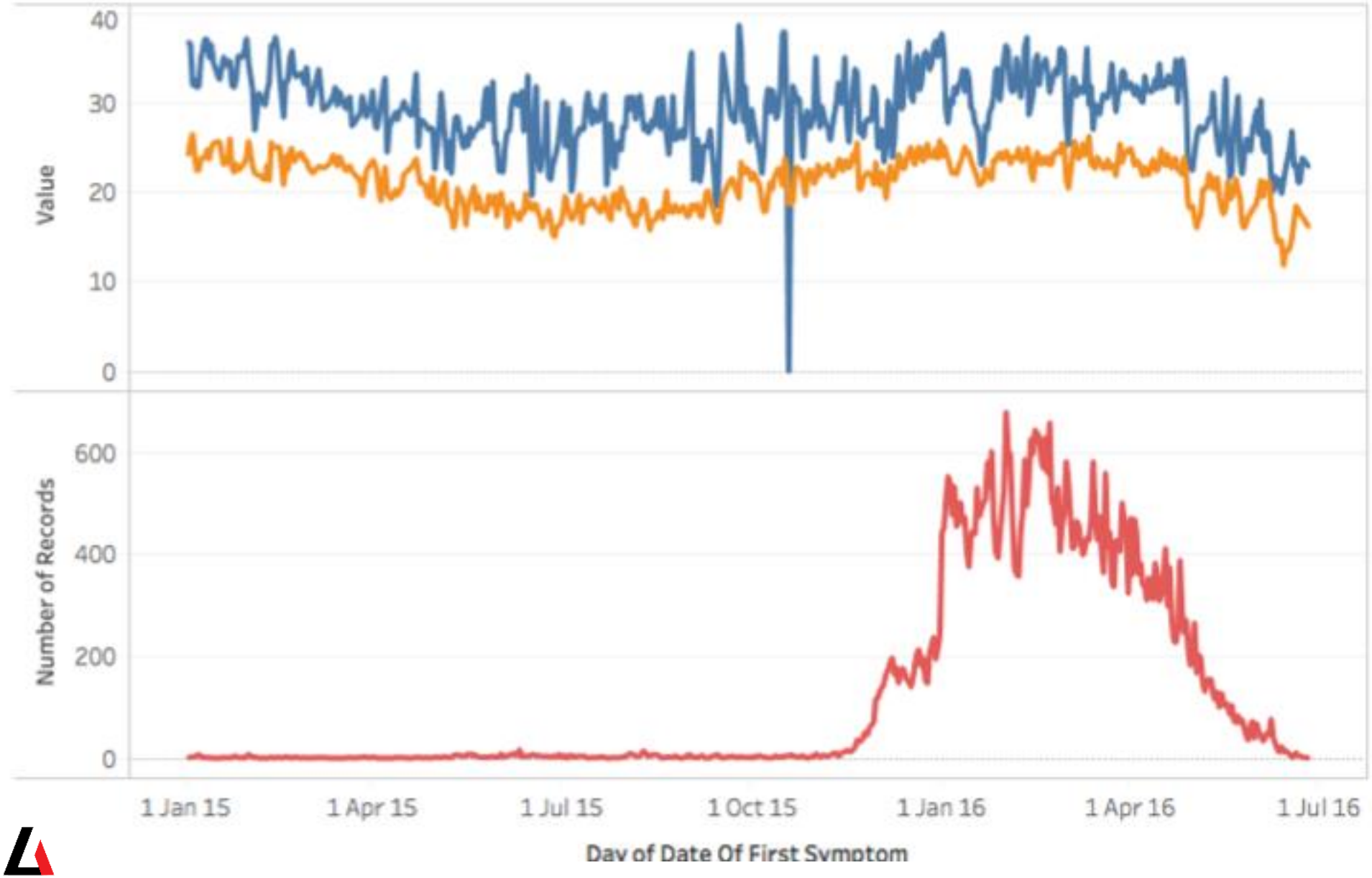
- Análise em tempo real: Quais são os bairros com mais casos de Zika?



- Análise em tempo real: Quais são os bairros com mais casos de Zika em gestantes?



- Análise em tempo real: Influência da média da temperatura



Average Temperature Max

Average Temperature Min

Zika Cases

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Zika and Dengue

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File Edit Tools Help | Rows 1 | Cards 1 | Map 1

Filter 'Date of first symptoms' >= '2015-01-01 00:00:00' AND 'Date of first symptoms' <= '2015-02-01 00:00:00' Saved 123 rows

Date of first symptoms

01/01/2015 - 01/02/2015 Find

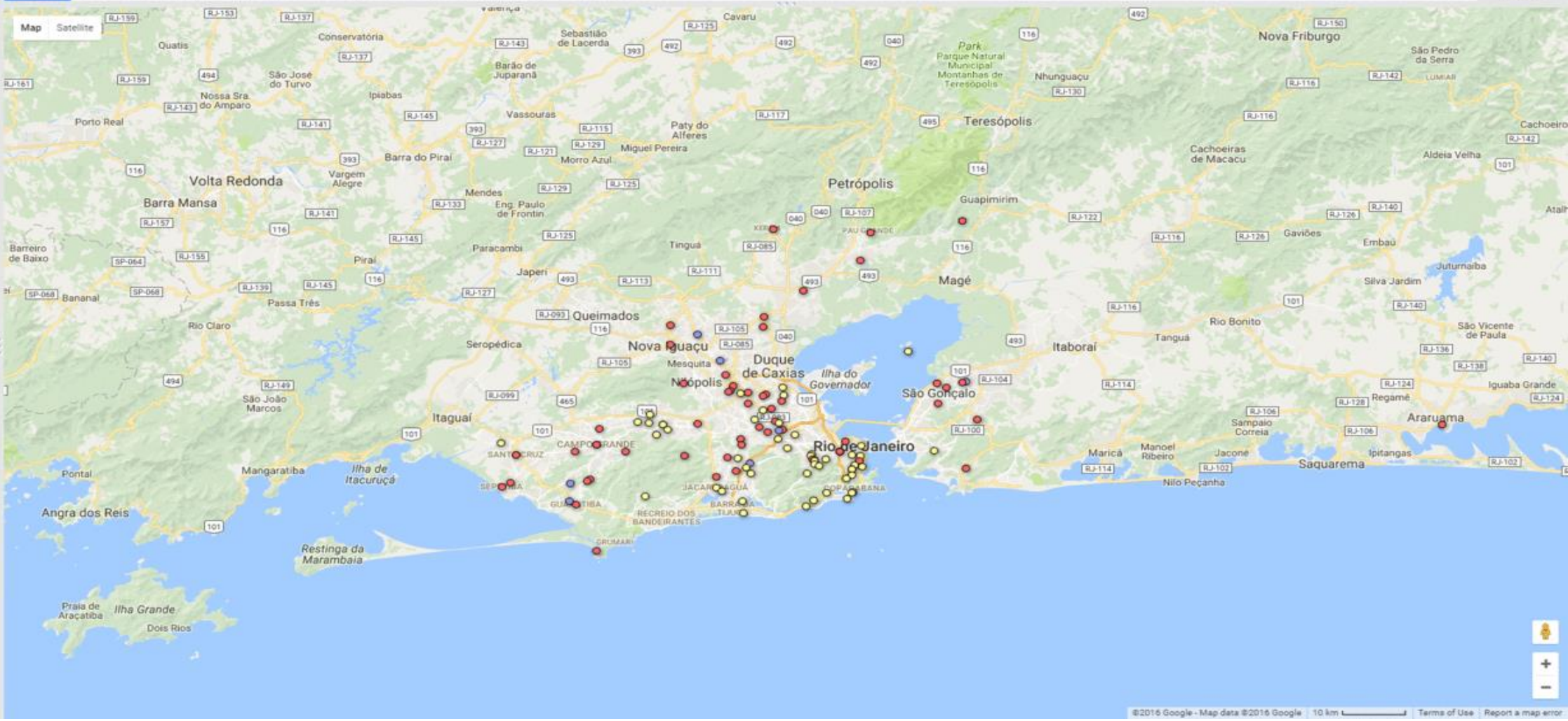
70,357 values from 07/09/1949 to 22/07/2016

Type

Find

3 distinct values

DENGUE	52
P-ZIKA	10
ZIKA	61



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Filter 'Date of first symptoms' >= '2015-02-01 00:00:00' AND 'Date of first symptoms' <= '2015-03-01 00:00:00'

Saved 151 rows

Date of first symptoms

01/02/2015 - 01/03/2015 Find

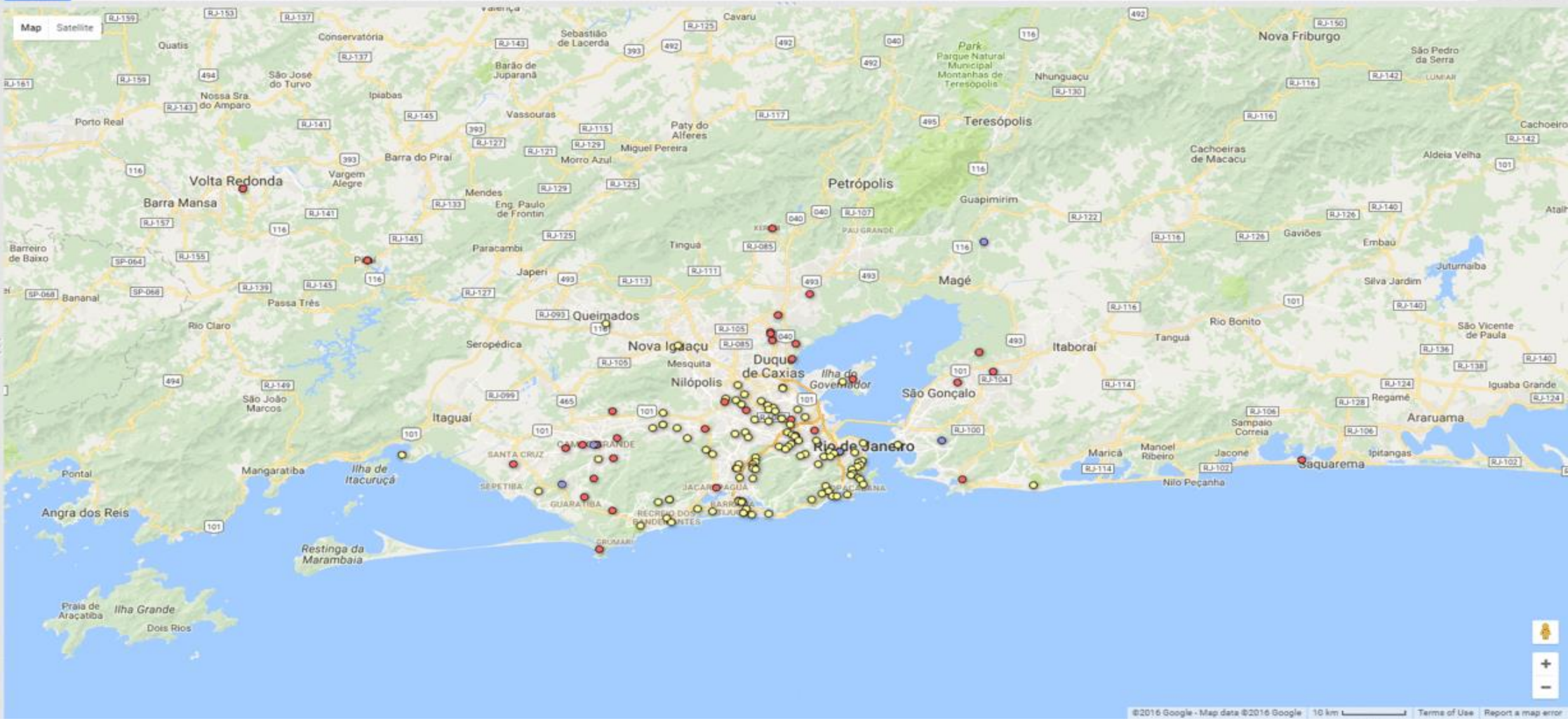
70,357 values from 07/09/1949 to 22/07/2016

Type

Find

3 distinct values

DENGUE	109
P-ZIKA	5
ZIKA	37



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Filter 'Date of first symptoms' >= '2015-03-01 00:00:00' AND 'Date of first symptoms' <= '2015-04-01 00:00:00'

Saved | 404 rows

Date of first symptoms

01/03/2015 - 01/04/2015 Find

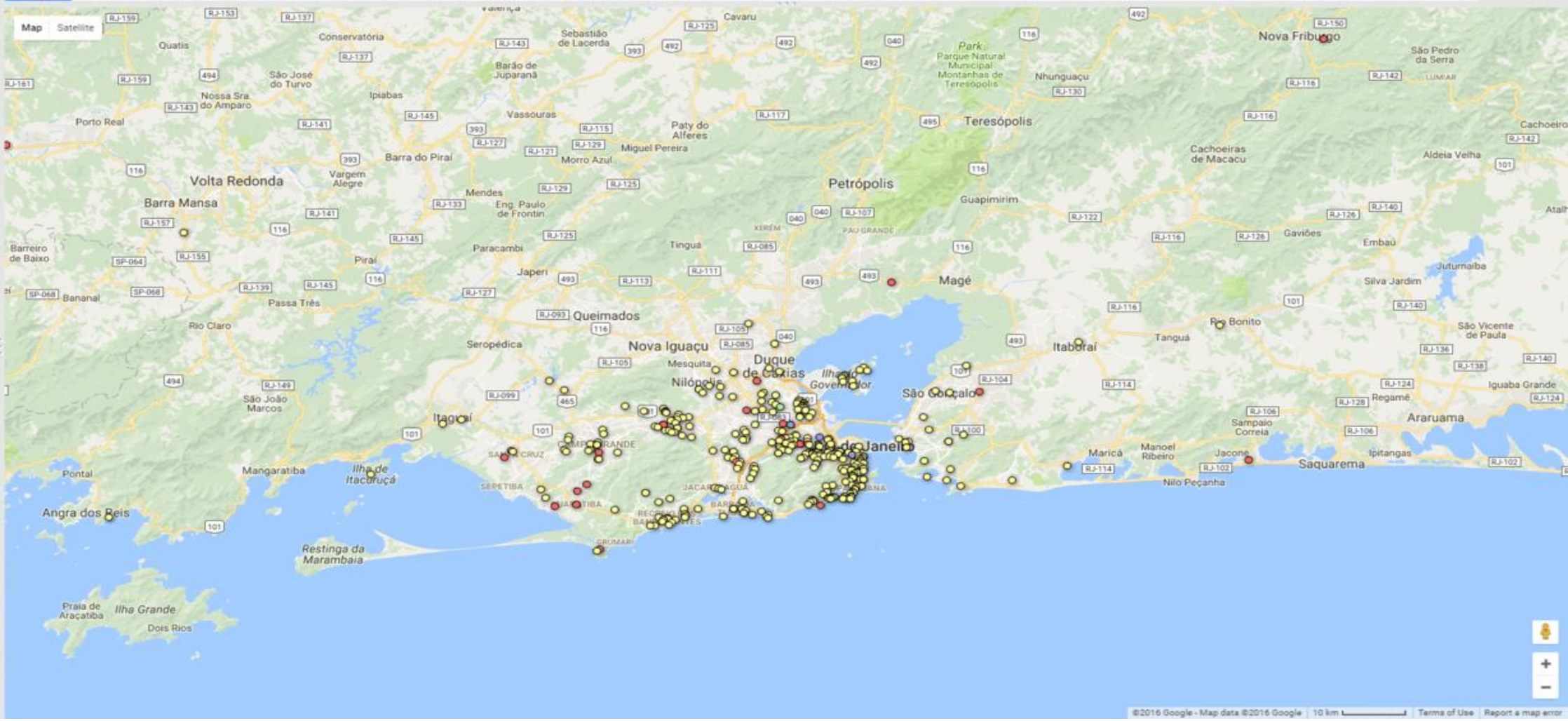
70,357 values from 07/09/1949 to 22/07/2016

Type

Find

4 distinct values

DENGUE	372
P-DENGUE	1
P-ZIKA	3
ZIKA	28



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Filter 'Date of first symptoms' >= '2015-04-01 00:00:00' AND 'Date of first symptoms' <= '2015-05-01 00:00:00'

Saved 1,043 rows

Date of first symptoms

01/04/2015 - 01/05/2015 Find

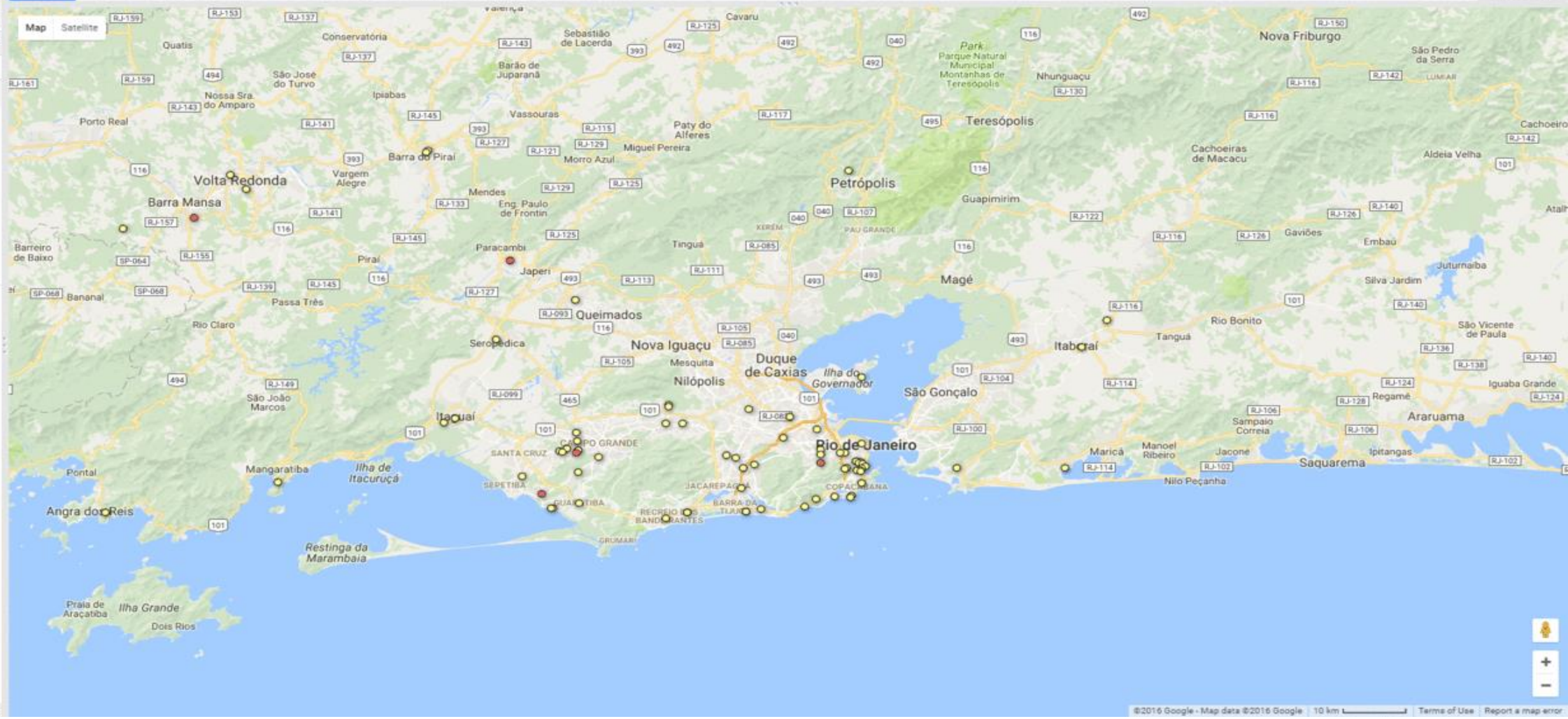
70,357 values from 07/09/1949 to 22/07/2016

Type

Find

4 distinct values

DENGUE	1,001
P-DENGUE	2
P-ZIKA	8
ZIKA	32



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Filter 'Date of first symptoms' >= '2015-05-01 00:00:00' AND 'Date of first symptoms' <= '2015-06-01 00:00:00'

Saved 892 rows

Date of first symptoms

01/05/2015 - 01/06/2015 Find

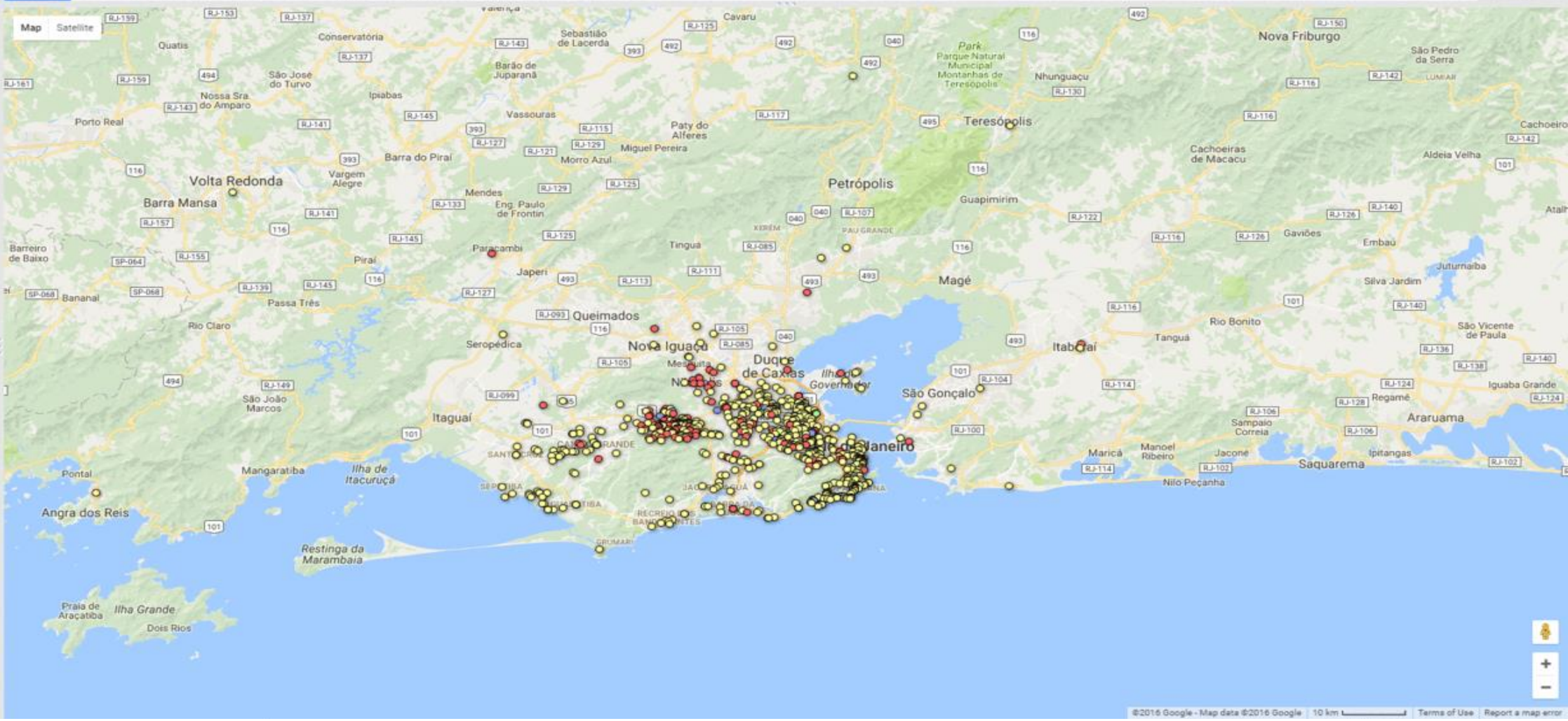
70,357 values from 07/09/1949 to 22/07/2016

Type

Find

4 distinct values

DENGUE	761
P-DENGUE	6
P-ZIKA	11
ZIKA	114



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Date of first symptoms

01/06/2015 - 01/07/2015 Find

70,357 values from 07/09/1949 to 22/07/2016

Type

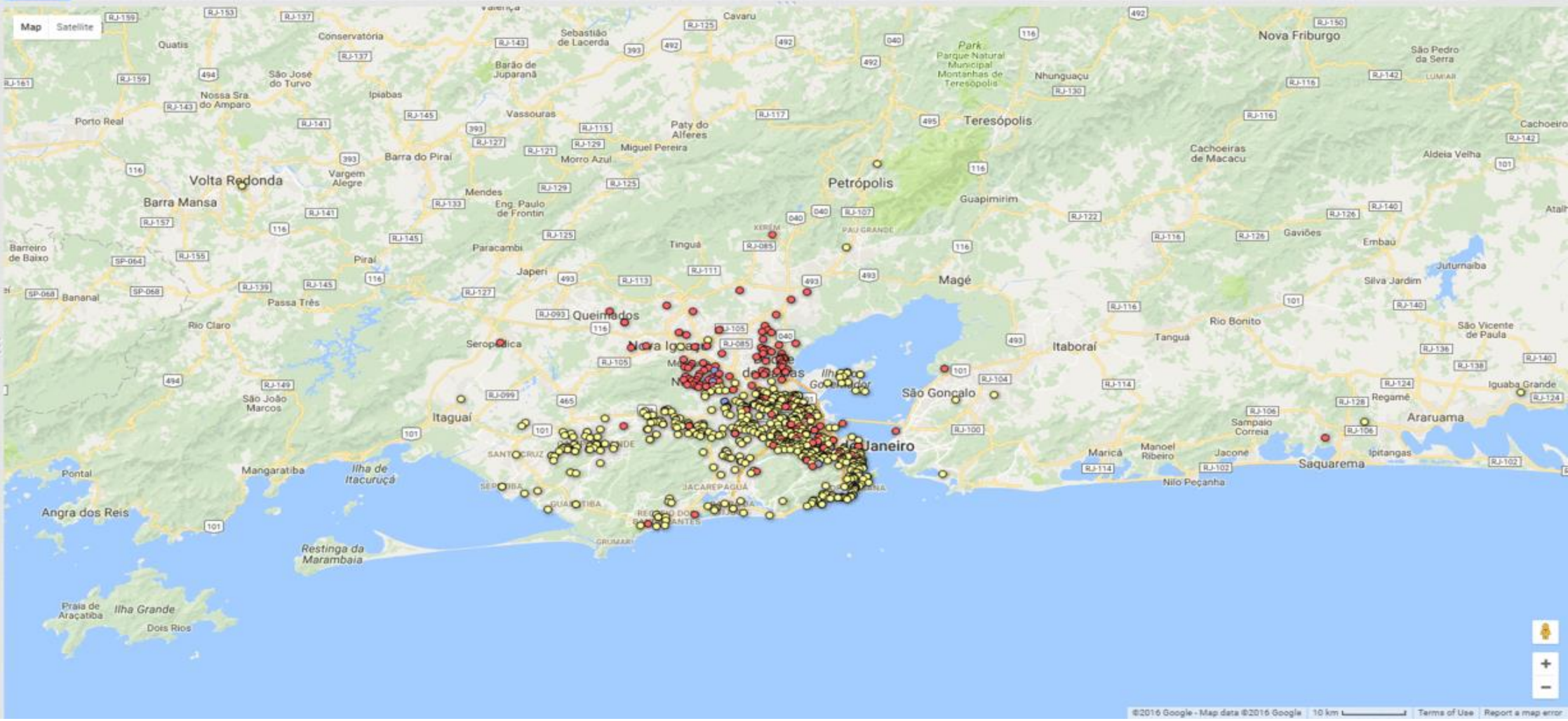
Find

4 distinct values

DENGUE	644
P-DENGUE	1
P-ZIKA	5
ZIKA	173

Filter 'Date of first symptoms' >= '2015-06-01 00:00:00' AND 'Date of first symptoms' <= '2015-07-01 00:00:00'

Saved 823 rows



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Filter 'Date of first symptoms' >= '2015-07-01 00:00:00' AND 'Date of first symptoms' <= '2015-08-01 00:00:00'

Saved 406 rows

Date of first symptoms

01/07/2015 - 01/08/2015 Find

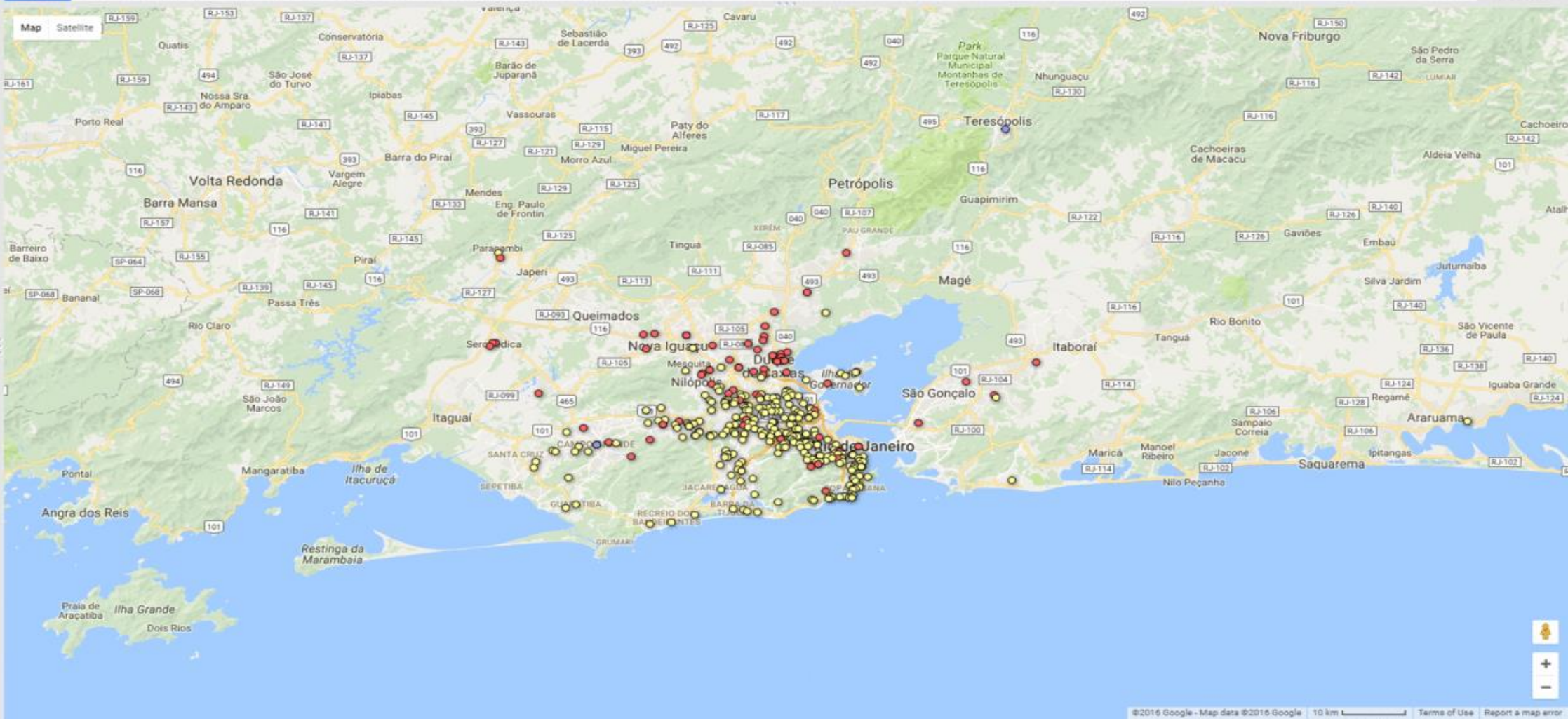
70,357 values from 07/09/1949 to 22/07/2016

Type

Find

4 distinct values

DENGUE	319
P-DENGUE	1
P-ZIKA	2
ZIKA	84



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Filter 'Date of first symptoms' >= '2015-08-01 00:00:00' AND 'Date of first symptoms' <= '2015-09-01 00:00:00'

Saved 309 rows

Date of first symptoms

01/08/2015 - 01/09/2015 Find

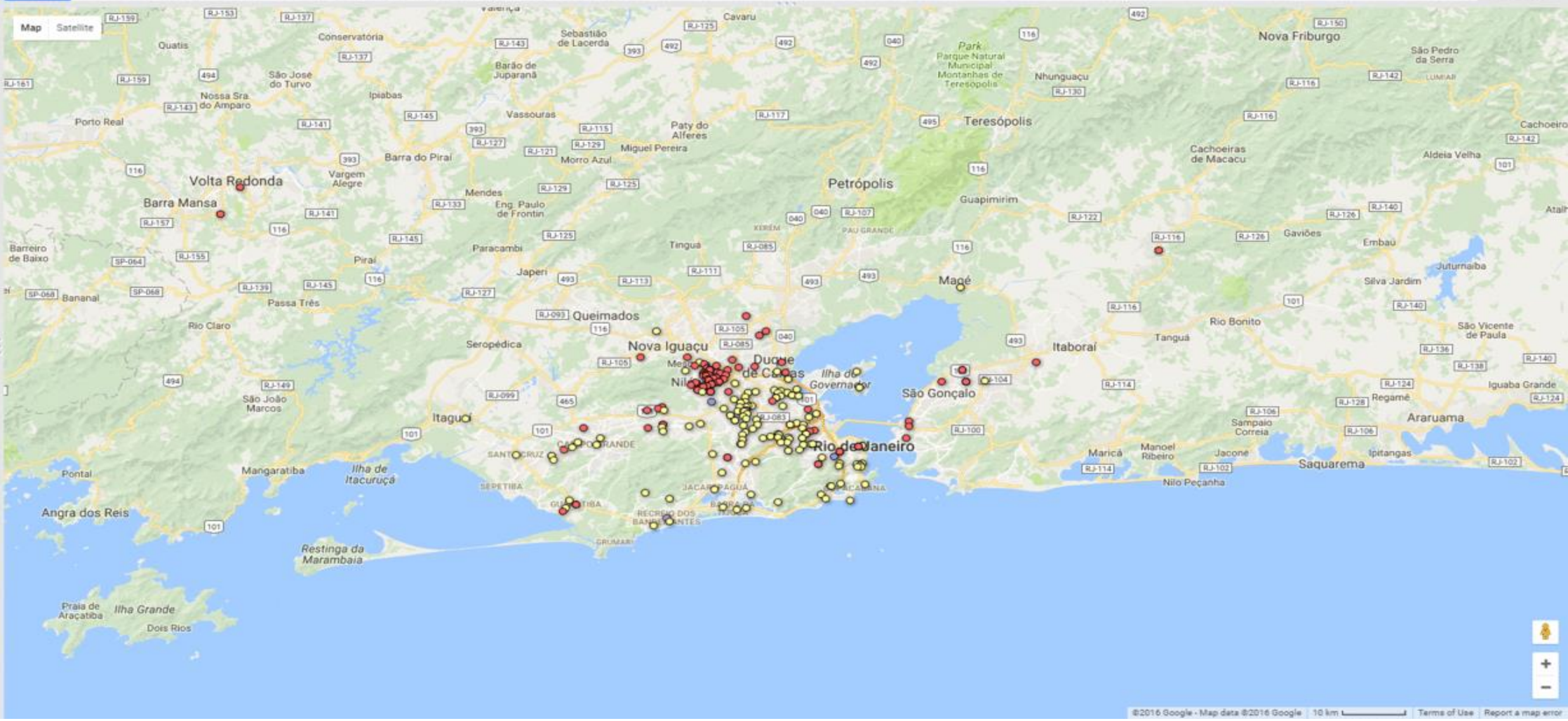
70,357 values from 07/09/1949 to 22/07/2016

Type

Find

4 distinct values

DENGUE	143
P-DENGUE	1
P-ZIKA	4
ZIKA	161



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Filter 'Date of first symptoms' >= '2015-09-01 00:00:00' AND 'Date of first symptoms' <= '2015-10-01 00:00:00'

Saved 146 rows

Date of first symptoms

01/09/2015 - 01/10/2015 Find

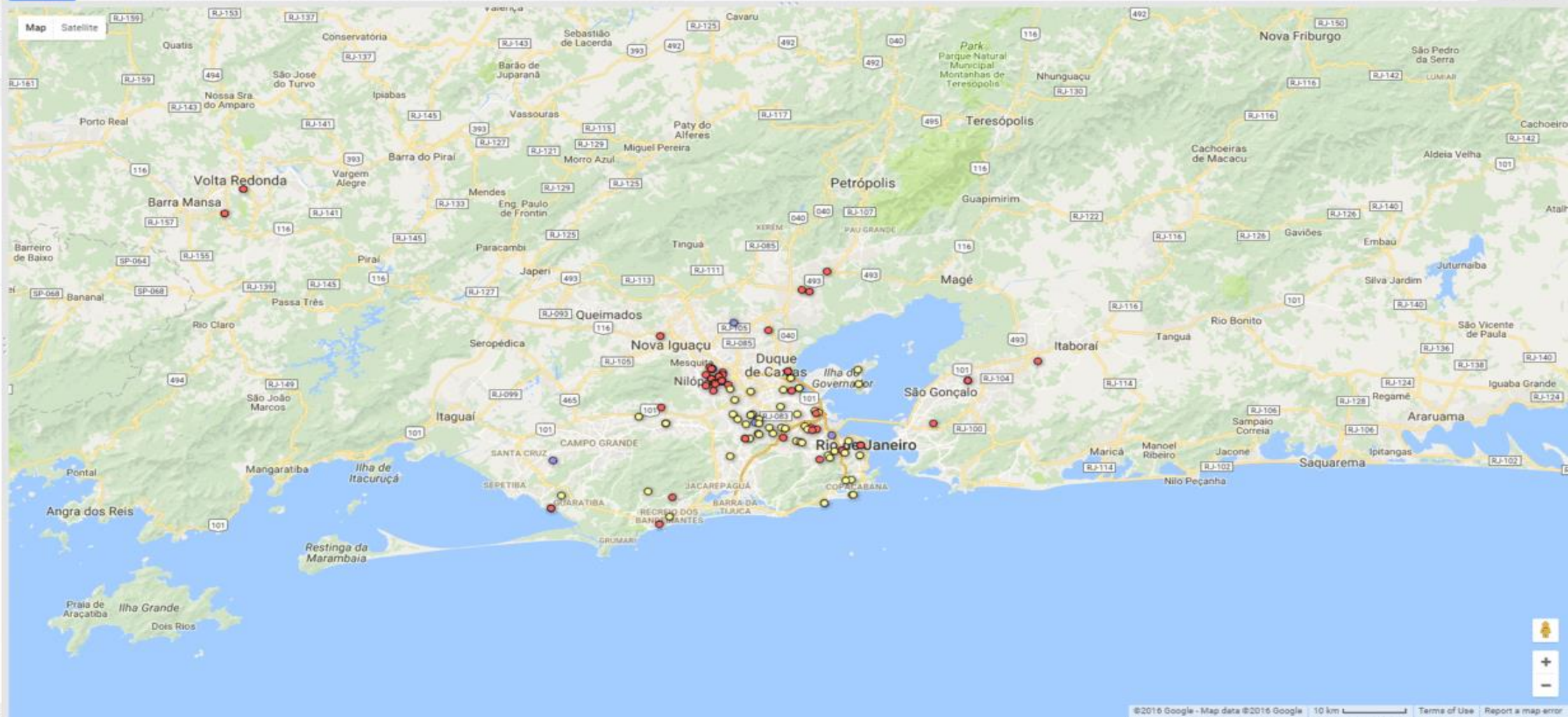
70,357 values from 07/09/1949 to 22/07/2016

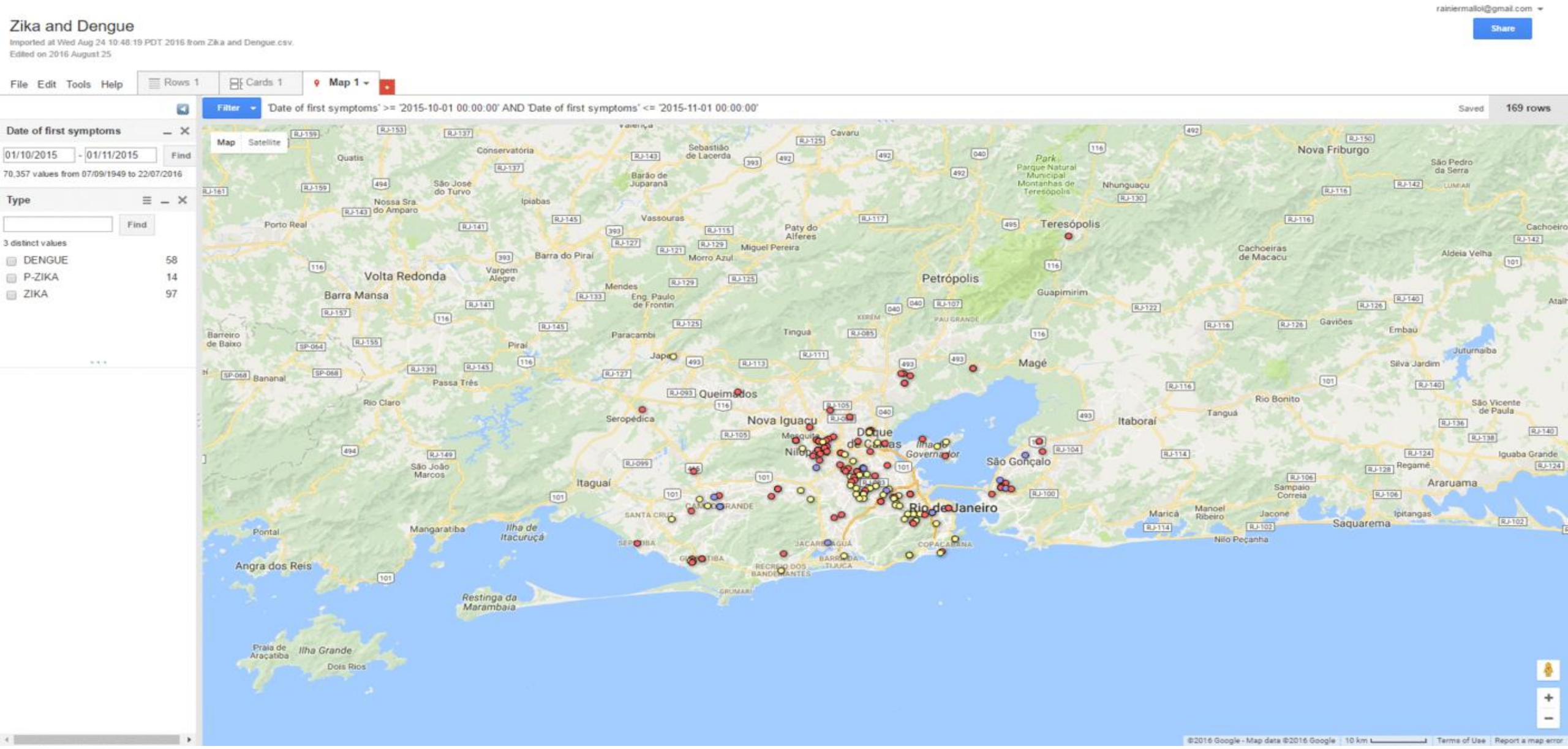
Type

Find

3 distinct values

DENGUE	58
P-ZIKA	4
ZIKA	84





System Alert Case Definition Changed

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Rows 1 | Cards 1 | Map 1

Filter 'Date of first symptoms' >= '2015-11-01 00:00:00' AND 'Date of first symptoms' <= '2015-12-01 00:00:00'

Saved 990 rows

Date of first symptoms

01/11/2015 - 01/12/2015 Find

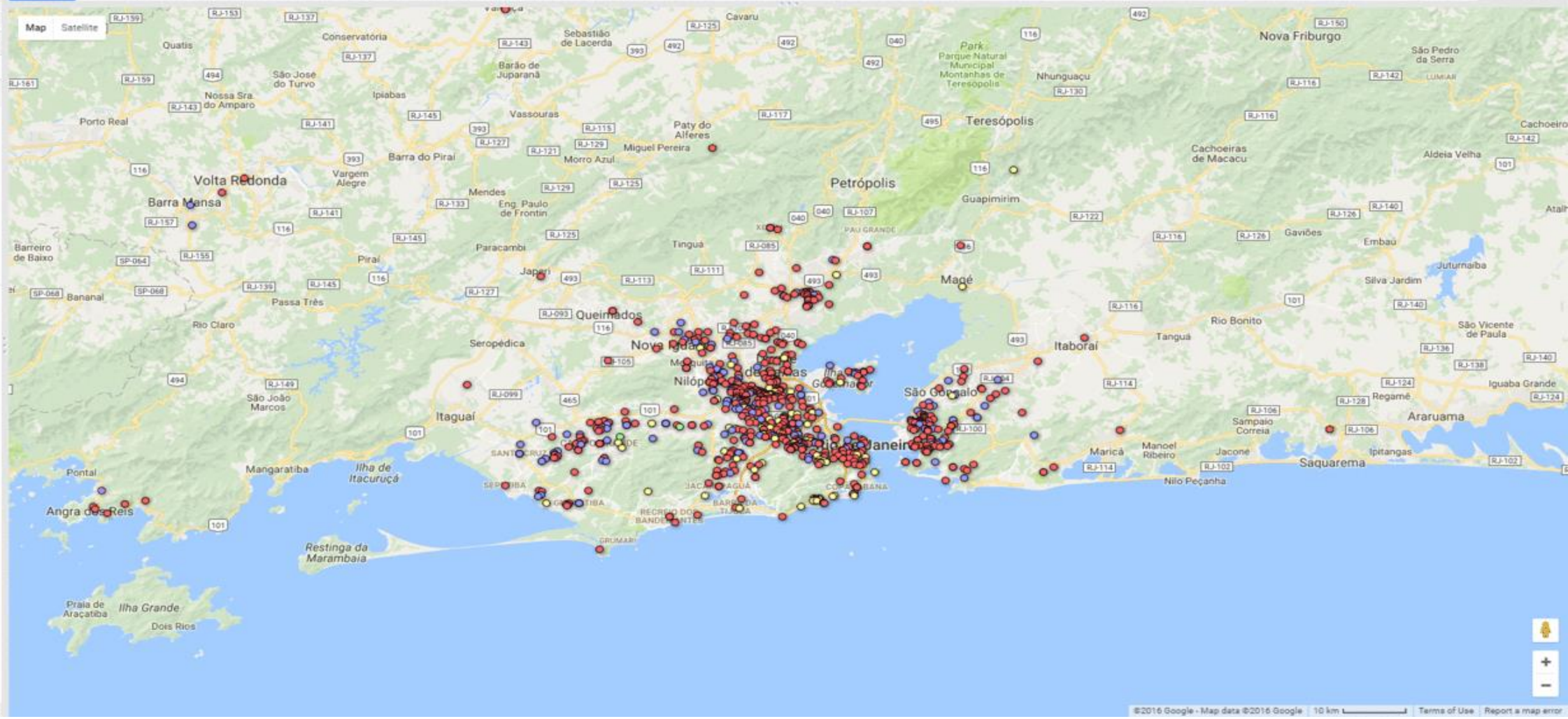
70,357 values from 07/09/1949 to 22/07/2016

Type

Find

4 distinct values

DENGUE	105
P-DENGUE	4
P-ZIKA	152
ZIKA	729



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Filter 'Date of first symptoms' >= '2015-12-01 00:00:00' AND 'Date of first symptoms' <= '2016-01-01 00:00:00'

Saved 6,136 rows

Date of first symptoms

01/12/2015 - 01/01/2016 Find

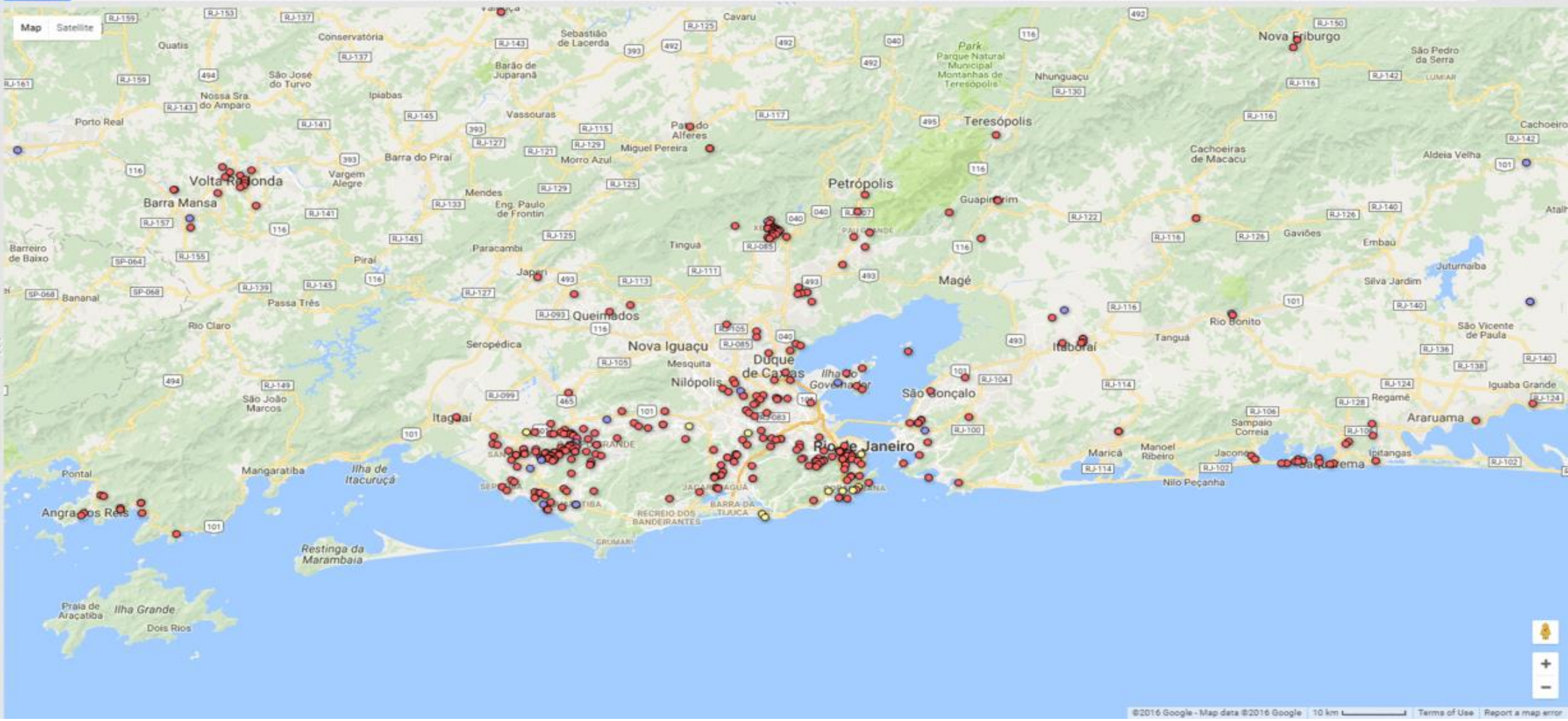
70,357 values from 07/09/1949 to 22/07/2016

Type

Find

4 distinct values

DENGUE	196
P-DENGUE	1
P-ZIKA	484
ZIKA	5,455



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Filter 'Date of first symptoms' >= '2016-01-01 00:00:00' AND 'Date of first symptoms' <= '2016-02-01 00:00:00'

Saved 15,815 rows

Date of first symptoms

01/01/2016 - 01/02/2016 Find

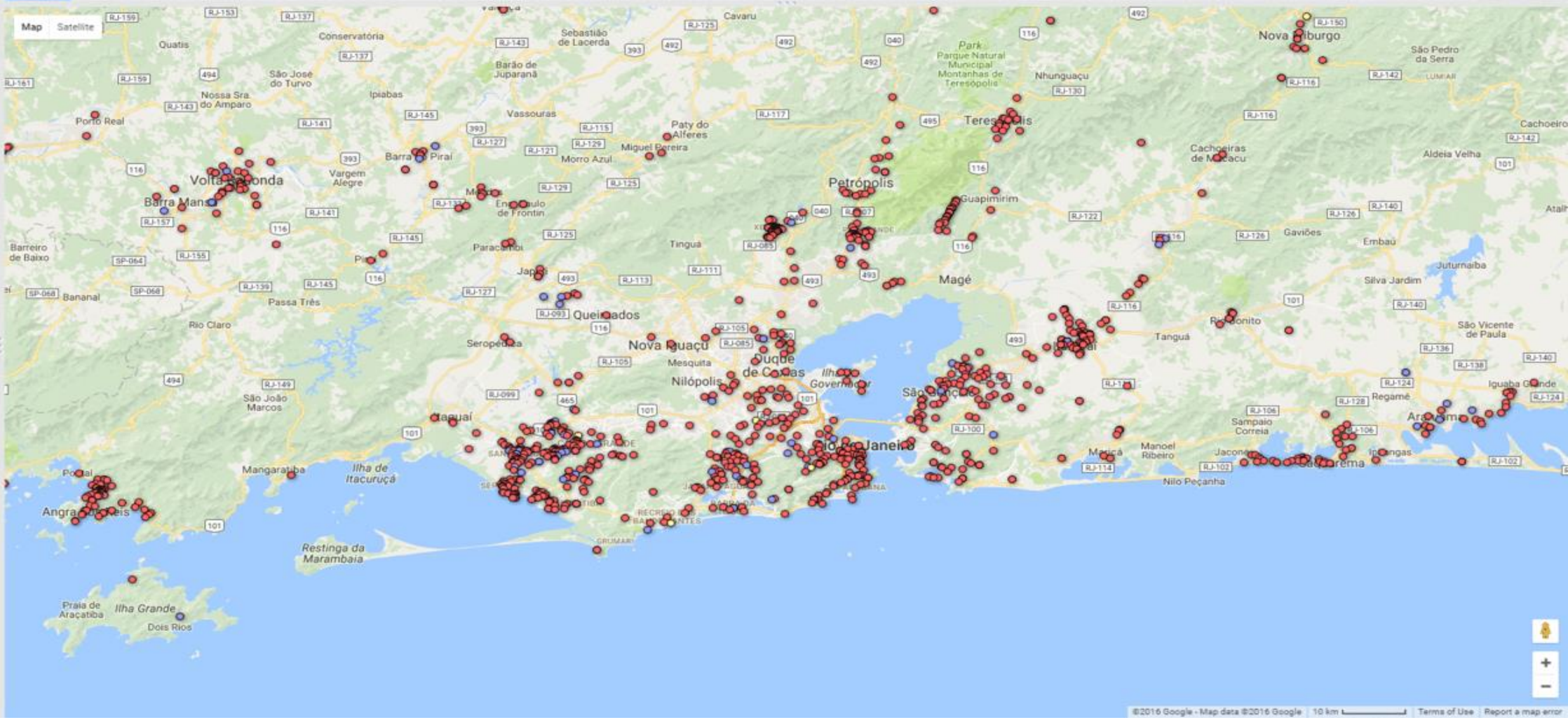
70,357 values from 07/09/1949 to 22/07/2016

Type

Find

4 distinct values

DENGUE	189
P-DENGUE	1
P-ZIKA	1,467
ZIKA	14,158



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File Edit Tools Help | Rows 1 | Cards 1 | Map 1

Filter 'Date of first symptoms' >= '2016-02-01 00:00:00' AND 'Date of first symptoms' <= '2016-03-01 00:00:00'

Saved 16,301 rows

Date of first symptoms

01/02/2016 - 01/03/2016 Find

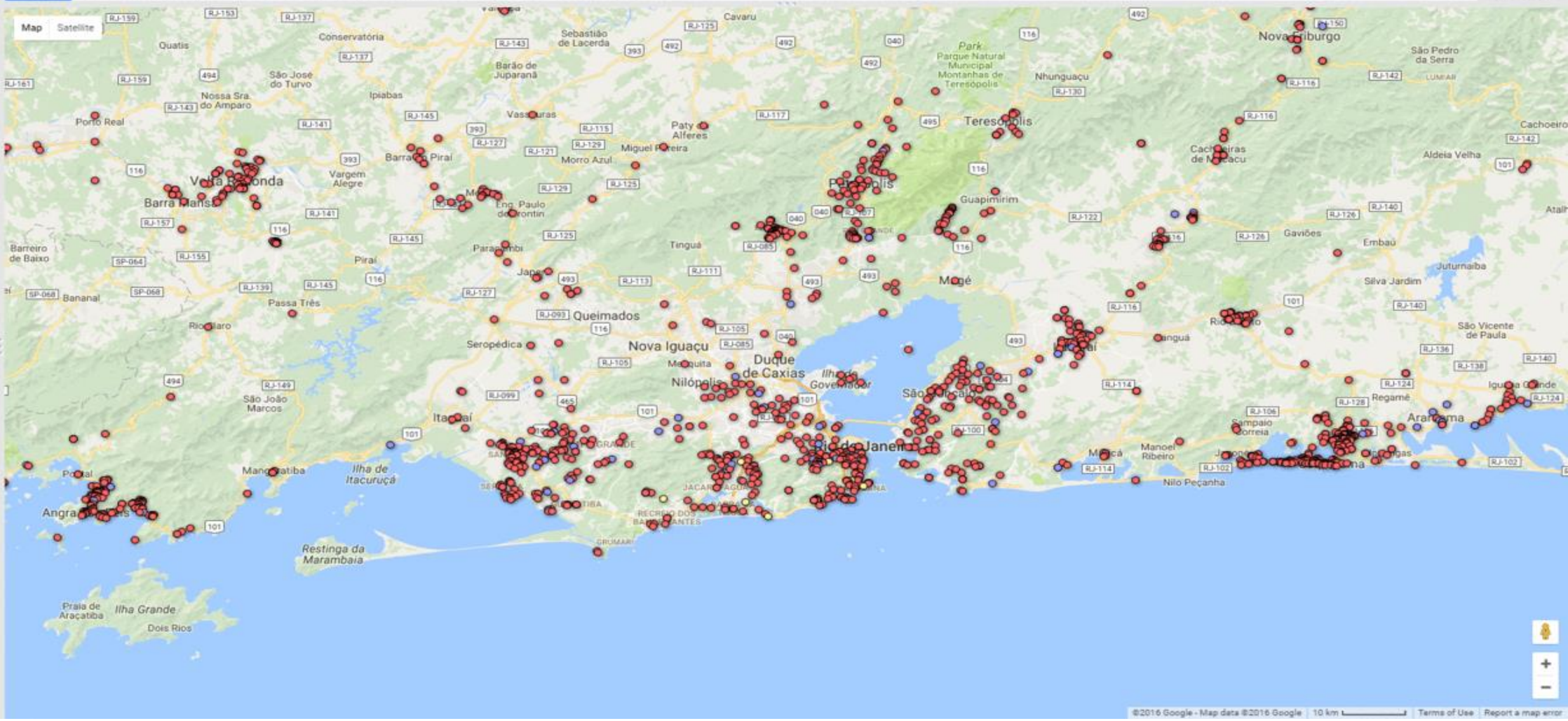
70,357 values from 07/09/1949 to 22/07/2016

Type

Find

4 distinct values

DENGUE	197
P-DENGUE	2
P-ZIKA	1,150
ZIKA	14,952



Zika and Dengue

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rainiermalloi@gmail.com

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Filter 'Date of first symptoms' >= '2016-03-01 00:00:00' AND 'Date of first symptoms' <= '2016-04-01 00:00:00'

Saving... 14,485 rows

Date of first symptoms

01/03/2016 - 01/04/2016 Find

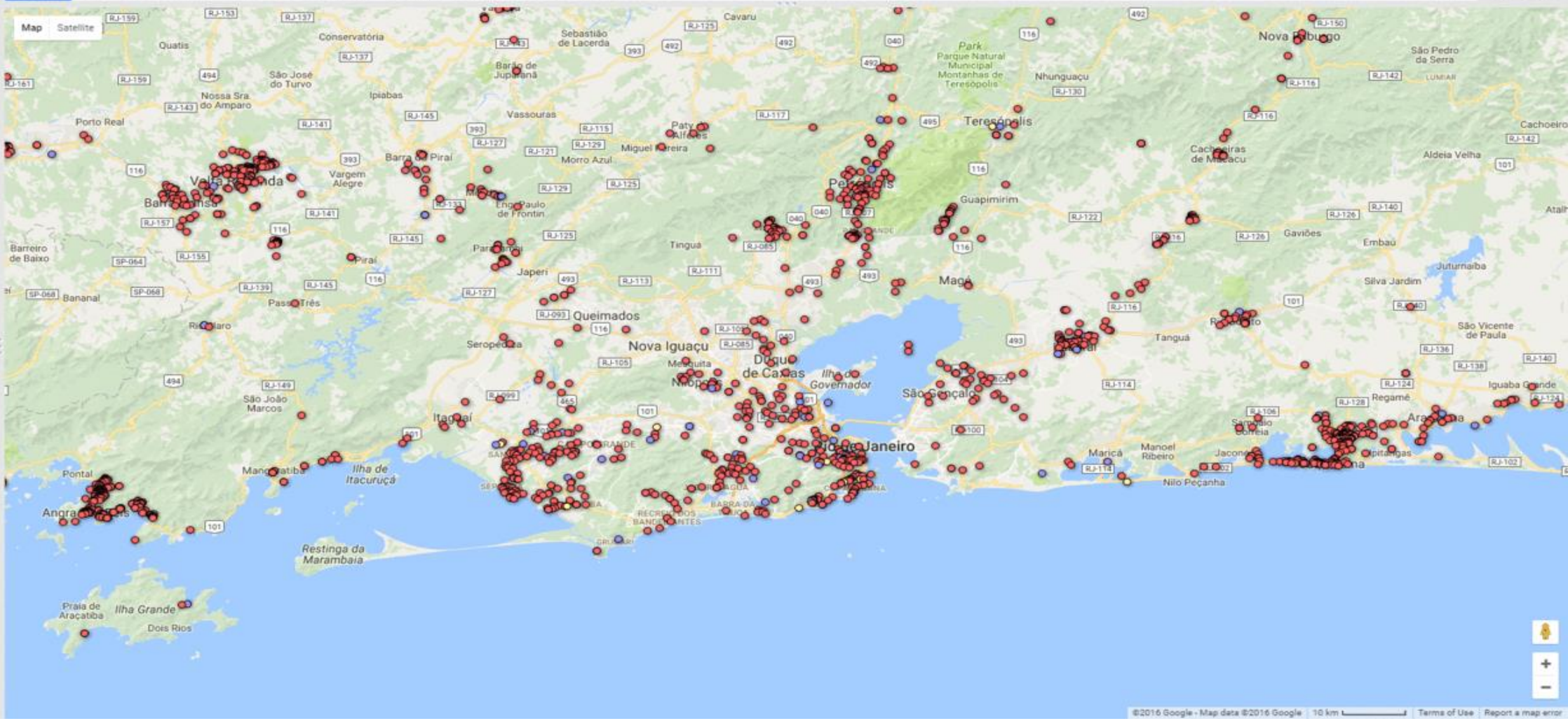
70,357 values from 07/09/1949 to 22/07/2016

Type

Find

4 distinct values

DENGUE	211
P-DENGUE	2
P-ZIKA	967
ZIKA	13,305



Zika and Dengue

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Edited on 2016 August 25

rainiermallol@gmail.com

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Filter 'Date of first symptoms' >= '2016-04-01 00:00:00' AND 'Date of first symptoms' <= '2016-05-01 00:00:00'

Saving... 10,498 rows

Date of first symptoms

01/04/2016 - 01/05/2016 Find

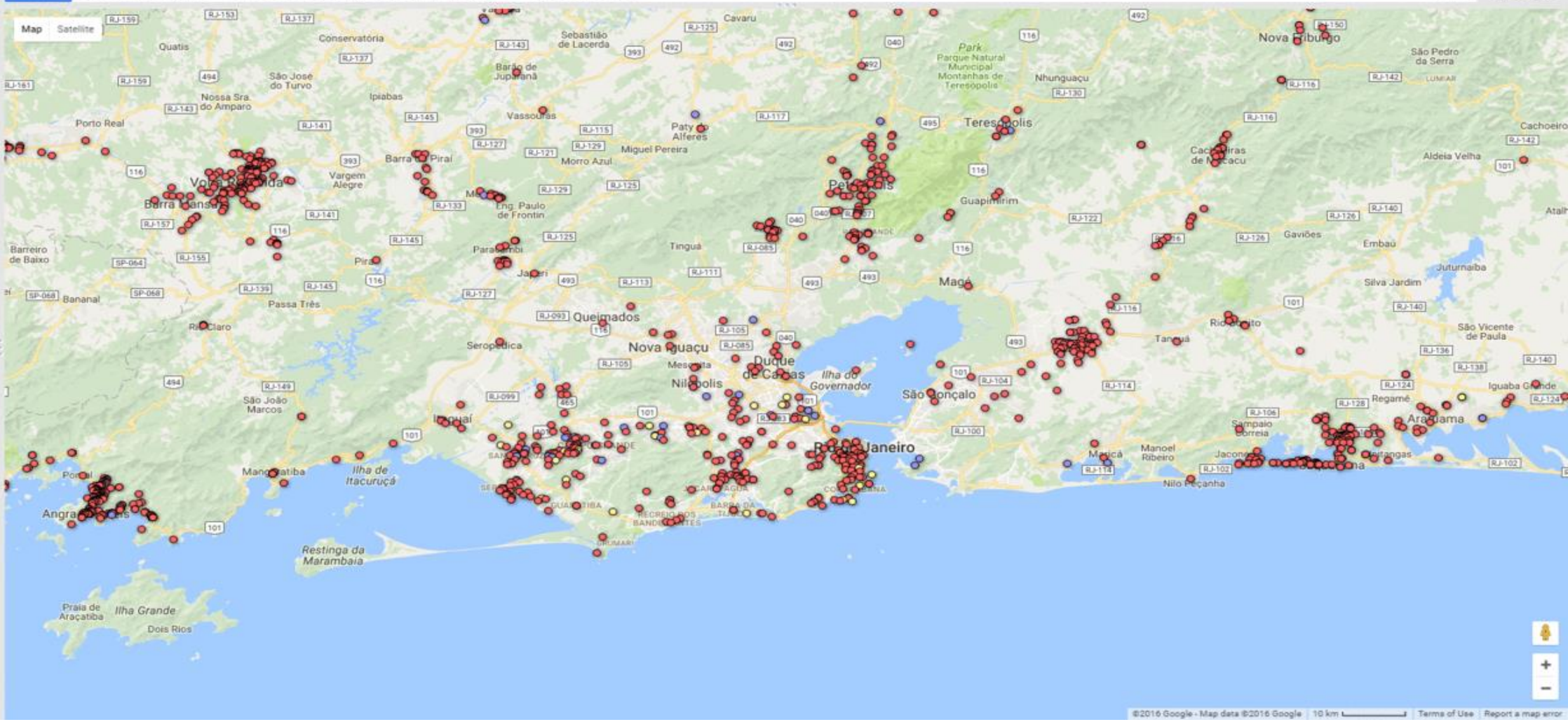
70,357 values from 07/09/1949 to 22/07/2016

Type

Find

4 distinct values

DENGUE	387
P-DENGUE	2
P-ZIKA	954
ZIKA	9,155



Zika and Dengue

Imported at Wed Aug 24 10:48:19 PDT 2016 from Zika and Dengue.csv.
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File Edit Tools Help | Rows 1 | Cards 1 | Map 1

Filter 'Date of first symptoms' >= '2016-05-01 00:00:00' AND 'Date of first symptoms' <= '2016-06-01 00:00:00'

Saving... 3,809 rows

Date of first symptoms

01/05/2016 - 01/06/2016 Find

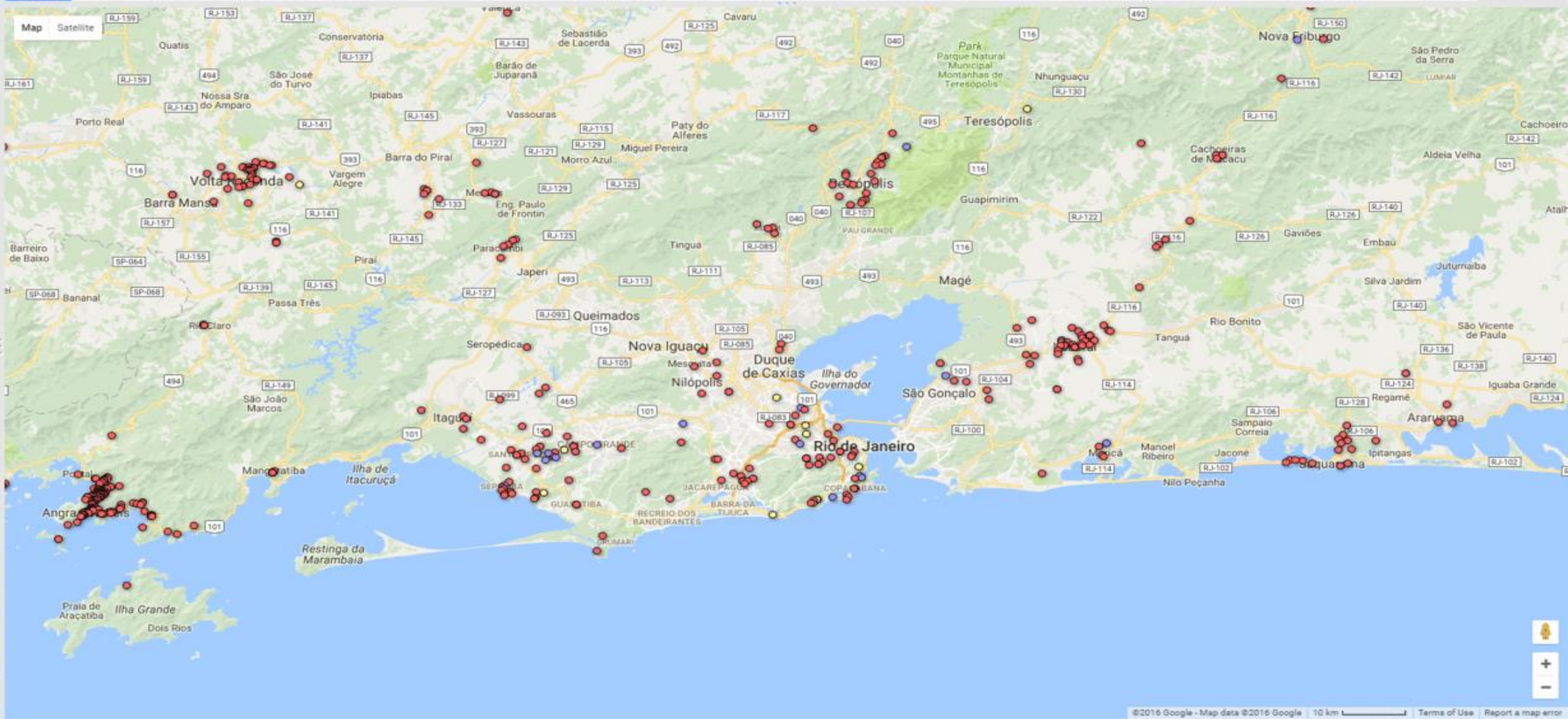
70,357 values from 07/09/1949 to 22/07/2016

Type

Find

4 distinct values

DENGUE	139
P-DENGUE	3
P-ZIKA	345
ZIKA	3,322



Zika and Dengue

Imported at Wed Aug 24 10:48:19 PDT 2016 from Zika and Dengue.csv.
Edited on 2016 August 25

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File Edit Tools Help | Rows 1 | Cards 1 | Map 1

Filter 'Date of first symptoms' >= '2016-06-01 00:00:00' AND 'Date of first symptoms' <= '2016-07-01 00:00:00'

Saved 652 rows

Date of first symptoms

01/06/2016 - 01/07/2016 Find

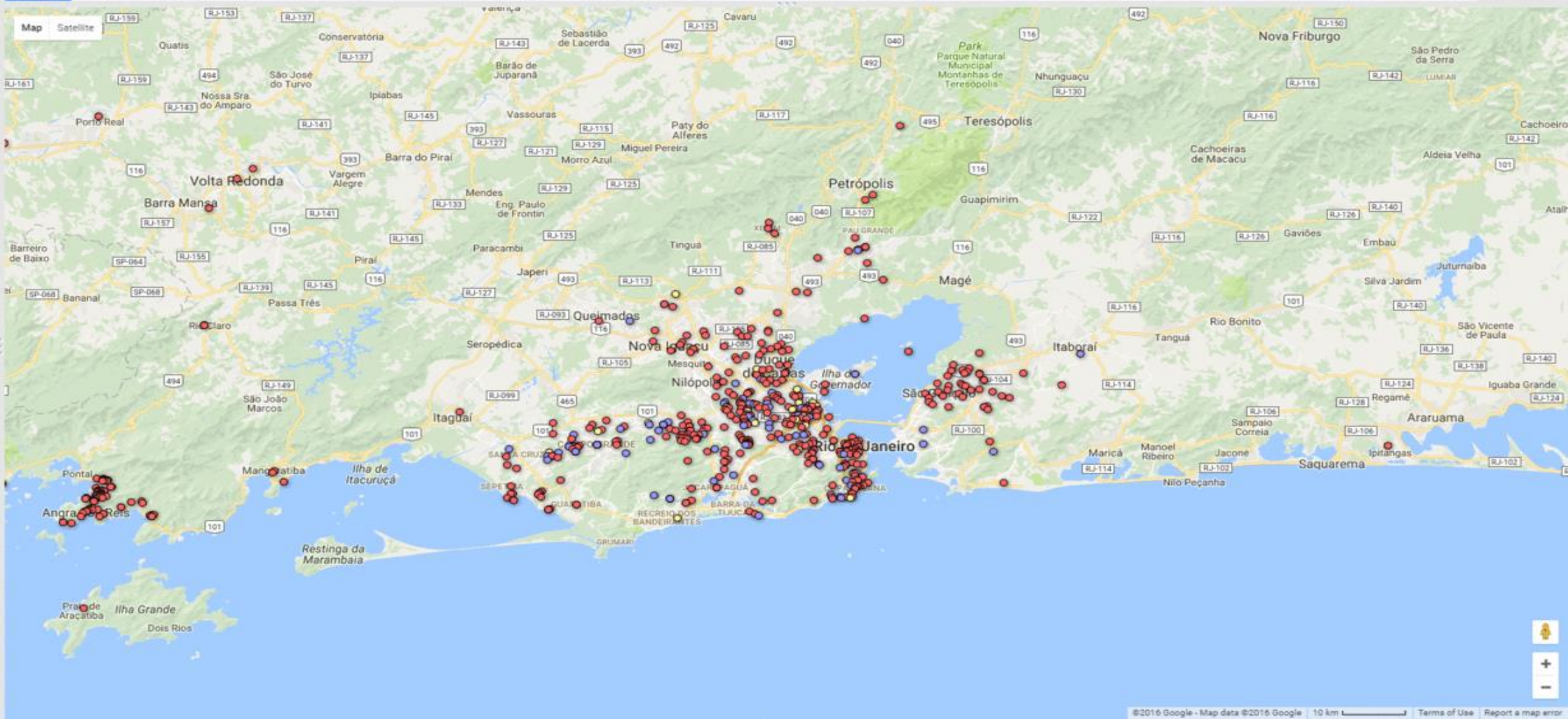
70,357 values from 07/09/1949 to 22/07/2016

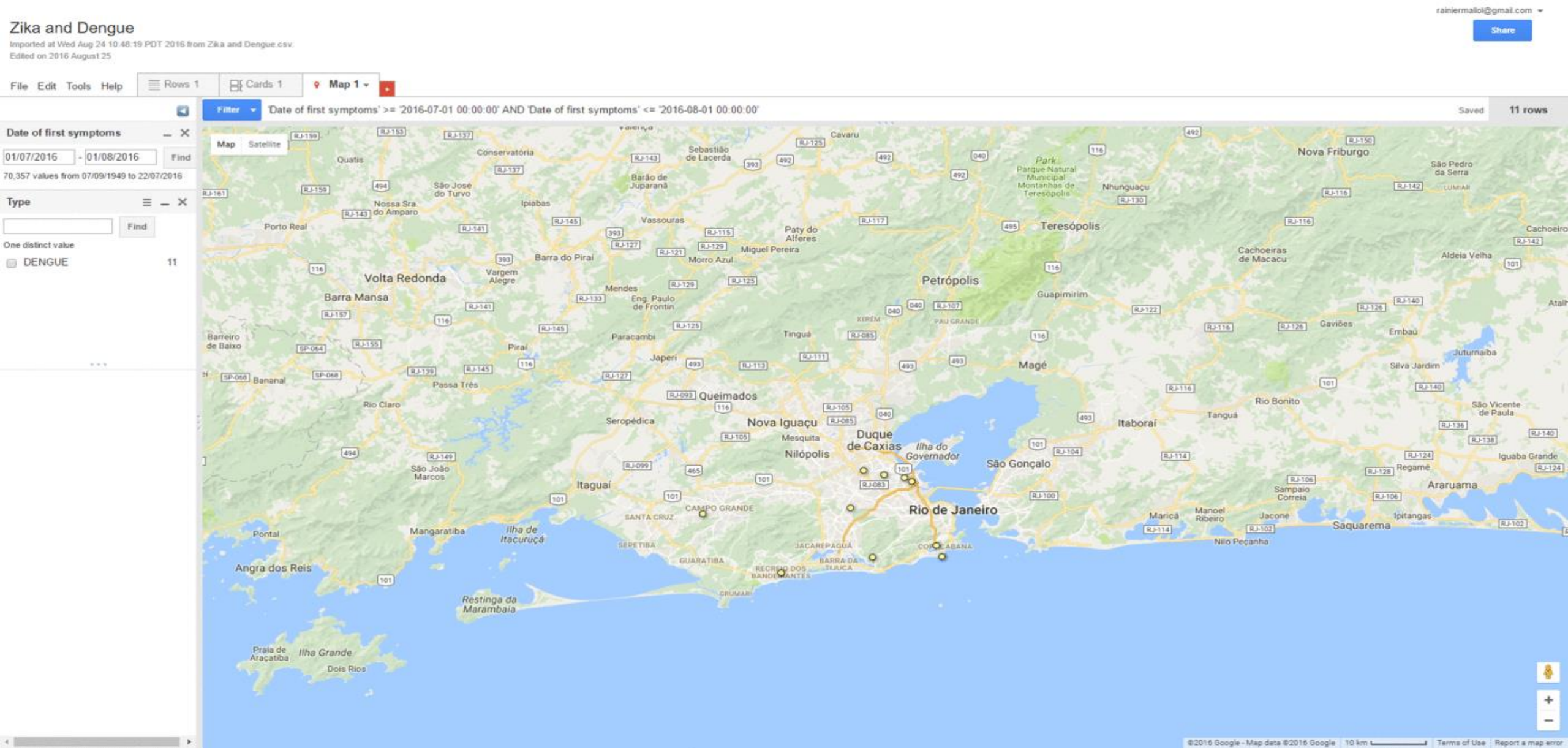
Type

Find

3 distinct values

DENGUE	30
P-ZIKA	76
ZIKA	546





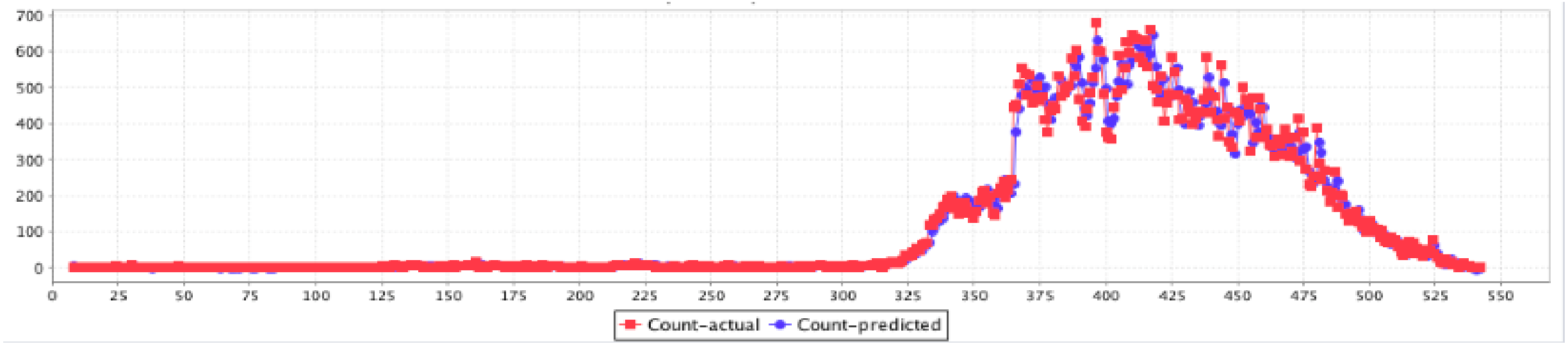
System Alert Case Definition Changed

Os casos de Zika, Dengue e Chikungunya são frequentemente mal reportados.

Nossa Solução: engenharia reversa dos sitomas!

	Case #	OnSet Date	Type	Marked As	Test Results	Symptons	EpidLink	AIME Dx	Sex
	1	2016/09/22	Dengue	Confirmed	Positive	PRESENT	--	Confirmed	F - Pregnant
	2	2016/09/22	Dengue	Suspected	Negative	PRESENT	YES	Confirmed	M
	3	2016/09/22	Zika	Confirmed	Positive	NOT PRESENT	--	Confirmed	M
	4	2016/09/22	Chikungunya	Confirmed	Positive	NOT PRESENT	--	Confirmed	F
	5	2016/09/22	Zika	Suspected	Negative	PRESENT	YES	Confirmed	F - Pregnant
	6	2016/09/22	Denge	Confirmed	Positive	NOT PRESENT	--	Confirmed	M
	7	2016/09/22	Dengue	Suspected	Negative	PRESENT	NO	Suspected	F

Tipos de Predição



Geolocalizada **90 Dias Antes**

De magnitude **300 Dias Antes**

PITCH GOV

GOVERNO DO ESTADO SÃO PAULO

SÃO PAULO - 17-11-2015

PITCH GOV SP

INSCREVA SUA STARTUP

SELECIONADOS NO CONCURSO
+ 300 participantes
15 finalistas

CLINTON FOUNDATION

RECOGNIZED AS AN EXEMPLARY APPROACH
TO SOLVING HUMANITY'S CHALLENGES

CALIFORNIA, USA
MARCH 2016

KING'S College LONDON

Pistoia Alliance

1ST PLACE PISTOIA ALLIANCE CHALLENGE.
KINGS COLLEGE LONDON
10,000 Euro Winner Prize +
1,000 Euro Finalist Prize

LONDON, UK
APRIL 2016

TOP 8 YOUNG PUBLIC HEALTH INNOVATIONS

MASSACHUSETTS, USA
JULY, 2016

HARVARD
SCHOOL OF PUBLIC HEALTH

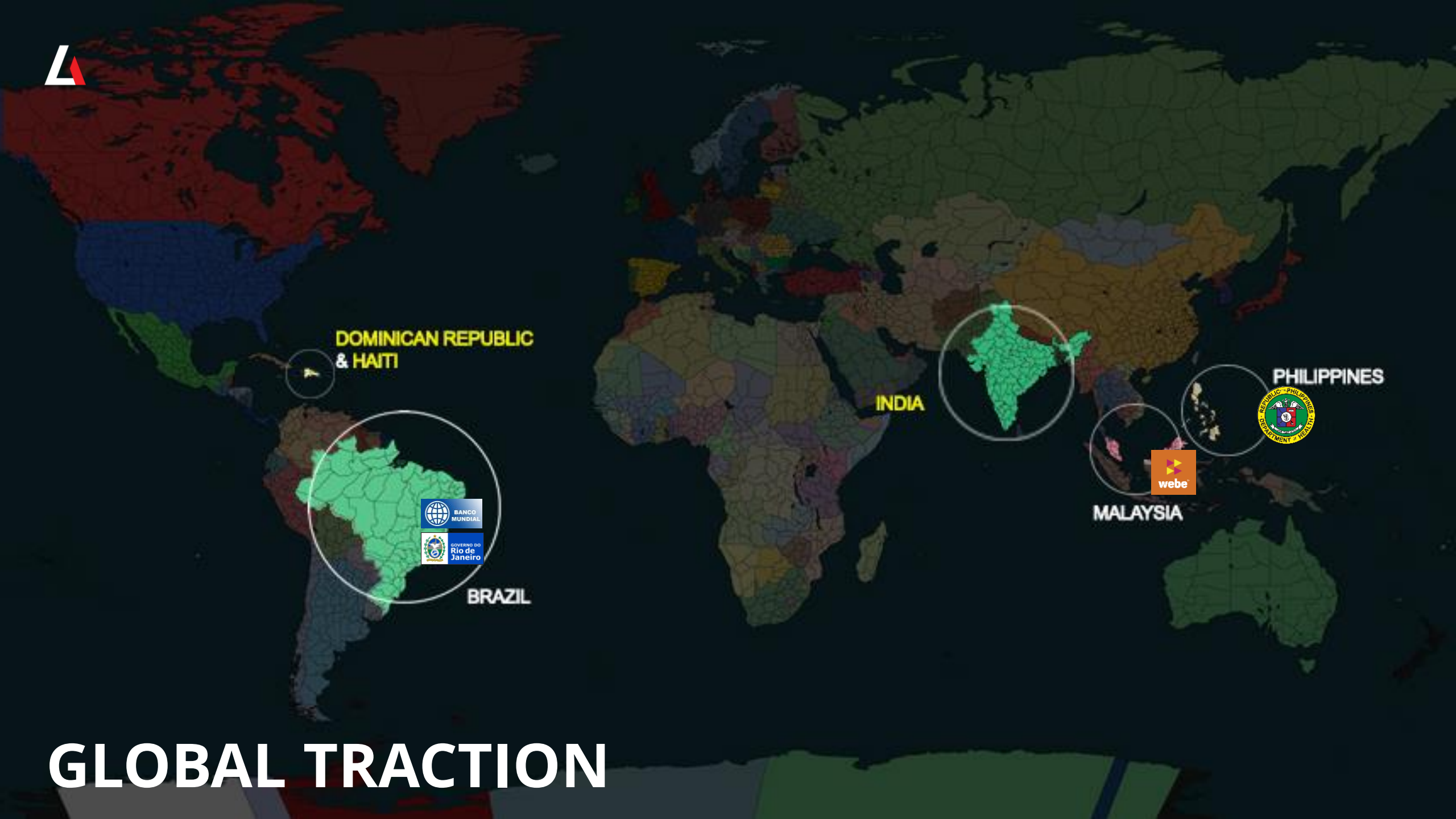
KEYNOTE SPEECHES TO THE GRADUATE AND DOCTORAL STUDENT OF THE MIT COMPUTER SCIENCE AND ARITIFICAL INTELLIGENCE LABORATORY

MASSACHUSETTS, USA
SEPTEMBER, 2016

TOP 10 GROUND BREAKING SOLUTIONS ELECTED TO PRESENT IN THE UNITED NATIONS SOLUTIONS SUMMIT 2016

UNITED NATIONS HEADQUARTERS
SEPTEMBER, 2016


ACTIVE
2.90%
SENTINEL
19.20%
PASSIVE 76.80%
CURRENT RESPONSE
Internationales
Deutschlandforum



GLOBAL TRACTION

F.I.X.

NASA

CLINTON FOUNDATION

VIVARIO

mini 2016 WINNER

HARVARD SCHOOL OF PUBLIC HEALTH

Massachusetts Institute of Technology

KING'S College LONDON

Organization of American States

Forbes

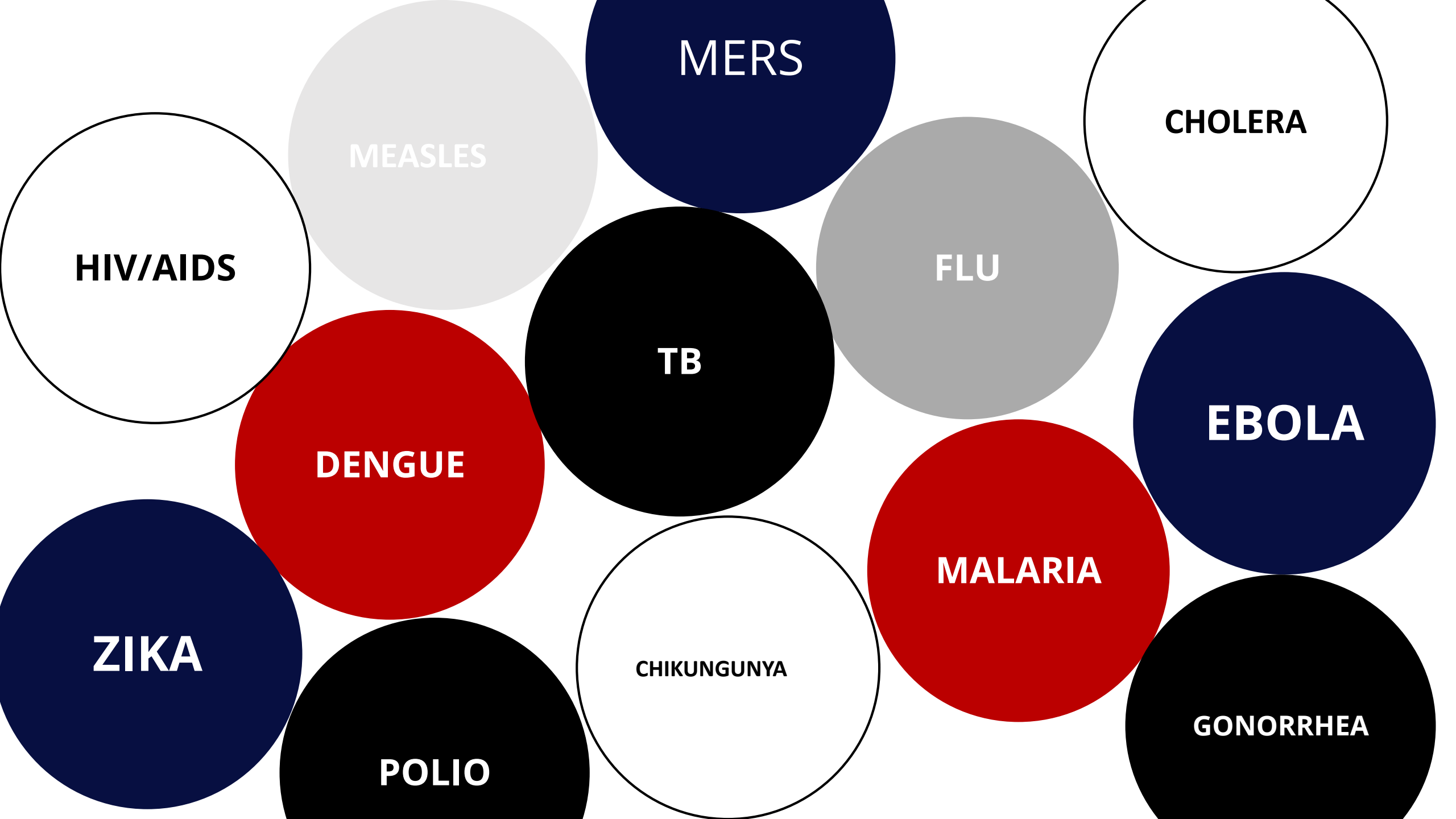
NEXT ON LIME

NEXT ON LIME

TUBERCULOSE

&

HIV


MERS
CHOLERA
MEASLES
HIV/AIDS
FLU
TB
EBOLA
DENGUE
MALARIA
ZIKA
CHIKUNGUNYA
GONORRHEA
POLIO