

# Achieving the Potential of HRA Analyzer\*

June 19, 2019

\* *The Member-Only Database*

# Are your data *current*?

Probably not.

- 2/3 have up-to-date info for 2017
- 1/2 have up-to-date info for 2018

Why NOT?

- Still traumatized from gHRAsp?
- Fell off your radar?
- You don't see the value?

## How do we contribute our data into HRA?

The intention of HRA and ÜberResearch is to reduce the burden on members, while providing an even more useful data analysis tool.

*Providing ALL awards with EACH update will allow for the submitting organization several advantages, including a clear picture of which awards and how they will appear in the database, and the ability to easily edit or remove awards (in the case of extension or cancellation, for example).*

Email your updates to [supporthra@dimensions.ai](mailto:supporthra@dimensions.ai)

### Options:

1. Email an export from your grants management system (or other database). Note: The column header names do not need to match exactly (i.e. Description vs Abstract) to the HRA data model listed below.\*
2. Simply submit your updates using this data template! Note: If you are providing ONE researcher per award, all columns CAN be on the same sheet if this is easier. Please let us know if you would like assistance combining the sheets together to make manual edits easier.
3. Contact us to arrange other methods.

(\* PC users just contact PC to automate export)

## About the template - what is included?

Sheet	Column	Notes
Project	Funder Name	The organization that pays the grantee
Project	Funder Unique Project ID	Each listed award must have its own distinct project identifier, unique within the Funder's awards (some funders use year and last name).
Project	Title	
Project	Abstract	Providing at least 200 characters is required for classification.
Project	Start Date	Can also be award date
Project	End Date	OR Duration ('End Date' preferred, both are not needed)
Project	Funding Amount	
Project	Funder Project Description URL	URL for the project description found on the funder's website
Project	Funder Partner Organization	Can be whatever is needed, e.g. the funder administering the award

# We will remind you

Be on the lookout for an email from Annette:

- Confirming who should have logins
- Letting you know the status of your data
- Connecting you with the ÜberResearch HelpDesk to get your data current
- Asking if your team wants personalized help
  - Importing data
  - Data analysis

# Use it and see the *value*



- It enables HRA Open Participation
- If you don't already use it for analysis you should
  - Collaboration Partners
  - Gap Analysis
  - Reviewers
  - Overlapping Funding
  - Portfolio/Program Evaluation

## Scenario 1:

Board says “We want to fund biomedical research - but something related to climate change.”

You think “Humm...what about Dengue?”

- Who funds there?
- Are there too many organizations in this space?
- Can I partner?
- Who can I get to review?”



HRA  
Funder Group x

dengue fever x  
Free text in full data

Projects

Funders

Organizations

Places

Categories

Results | Visualizations

7

Projects

$\Sigma$

USD 2.9 M

Aggregated funding amount

$\bar{x}$

USD 411 K

Average funding amount

Sort by: Relevance ▼

Project title

Funder, Principal investigator

Funding Amount

From - Through

[Maternally Derived Anti-Dengue Antibodies and the Risk of DHF in Infants](#)

The Medical Foundation - Charles H. Hood Foundation to Steven Hatch

USD 150,000

2011 - 2012

[Defining dengue virus's dependencies: discovery and characterization of host factors required for viral replication](#)

Burroughs Wellcome Fund to Abraham L. Brass

USD 500,000

2013 - 2018

[Epitope-based immunogens and diagnostics for dengue virus](#)

Burroughs Wellcome Fund to Michael S Diamond

USD 750,000

2007 - 2012

[Using Evolution to Decode the Genetic and Neural Basis of Mosquito Preference for Human Odor](#)

Pew Biomedical Programs to Carolyn McBride

USD 240,000

2015 - 2020

[High throughput precision measurement tools for insect-parasite ecology in field settings](#)

Pew Biomedical Programs to Manu Prakash

USD 240,000

2013 - 2018

[Cell entry and innate immune recognition of flaviviruses](#)

Burroughs Wellcome Fund to Yorgo Modis

USD 500,000

2007 - 2012

[Parallel identification of obligate viral receptors](#)

Burroughs Wellcome Fund to Michael R Farzan

USD 500,000

2007 - 2012



NIH

Funder Group x

dengue fever x

Free text in full data

Projects

Funders

Organizations

Places

Categories

Results | Visualizations

281

Projects

 $\Sigma$ 

USD 436.9 M

Aggregated funding amount

 $\bar{x}$ 

USD 1.6 M

Average funding amount

Sort by: Relevance ▾

## Project title

Funder, Principal investigator

## Funding Amount

From - Through

[Altered peptide ligands and immunopathogenesis of dengue virus infection](#)

National Institute of Allergy and Infectious Diseases to ALLISON ANNE IMRIE

USD 399,100

2009 - 2011

[Automated Molecular Diagnostics for Rapid Detection of Dengue Viremia Using Whole](#)

National Institute of Allergy and Infectious Diseases to SHUQI CHEN

USD 1,997,563

2010 - 2013

[Impacts of Urbanization on Vector Biology and Transmission of Dengue in China](#)

National Institute of Allergy and Infectious Diseases to XIAO GUANG CHEN

USD 134,909

2010 - 2023

[Fourth Pan American Dengue Research Network Meeting](#)

National Institute of Allergy and Infectious Diseases to CARLOS A SARIOL, MARIANO A. GARCIA-BLANCO

USD 5,000

2014 - 2015

[Endosymbiont, Arbovirus & Mosquito Interactions and the Disease Control](#)

National Institute of Allergy and Infectious Diseases to ZHIYONG XI

USD 1,803,248

2009 - 2015

[Mosquito Saliva in Dengue Virus Pathogenesis](#)

National Institute of Allergy and Infectious Diseases to REBECCA R RICO-HESSE

USD 2,617,462

2012 - 2018

[Dengue vaccine and viral evolution in rural Thailand](#)

National Institute of General Medical Sciences to TIMOTHY PAUL ENDY

USD 2,360,823

2008 - 2013



## Scenario 2:

You wonder “Are we funding too much on the coasts?

Are the same schools getting the lion’s share of our funding?

Are we too narrow in our research focus?”

If you are AHA you say ...

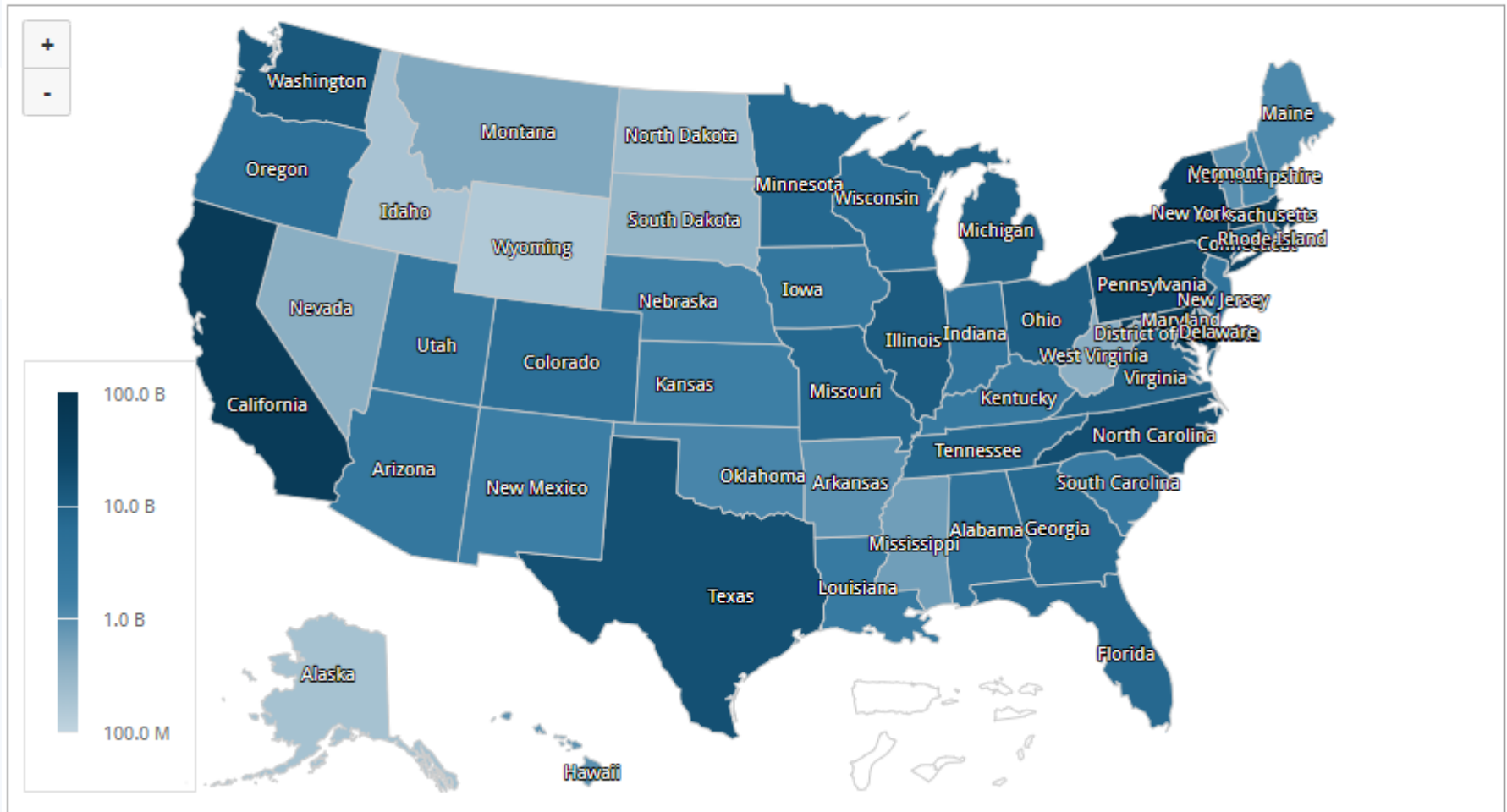
# Not too bad

See the geographical distribution for the chosen country/region and indicator in the map below.

Chart | Table

United States ▾

Aggregated funding amount ▾





AHA x  
Funder

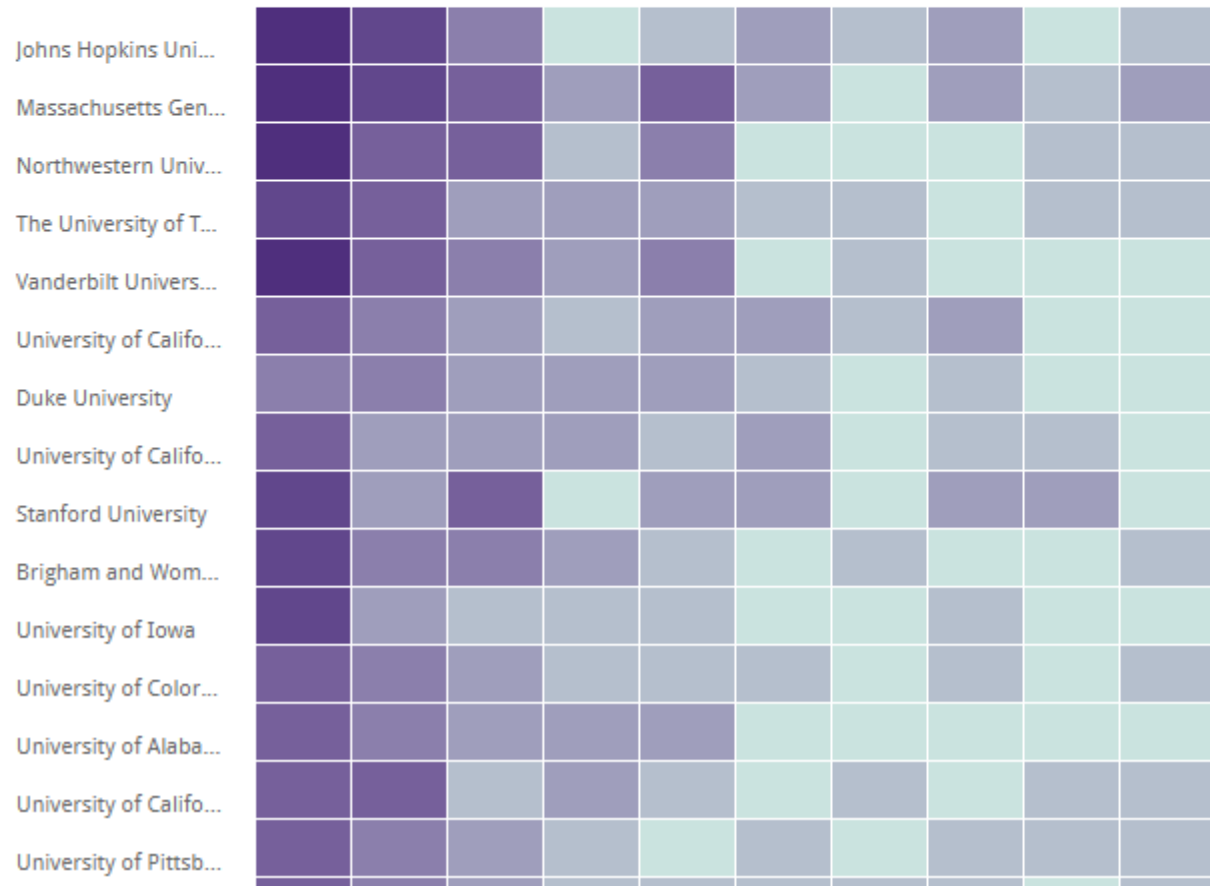
HRA x  
Funder Group

Use the matrix to visualize the chosen indicator entities defined in rows and columns. The bigger the value is, the darker the color for a given cell. Values can be seen by selecting "Show Indicator Values" and the criteria used for sorting can be changed.

Chart | Table

Aggregated funding amount ▾

Cardiovascular  
Heart Disease  
Clinical Research  
Genetics  
Prevention  
Neurosciences  
Biotechnology  
Brain Disorders  
Aging  
Heart Disease - Coro...



Columns

RCDC Categories ▾

sort by

Indicator default ▾

Rows

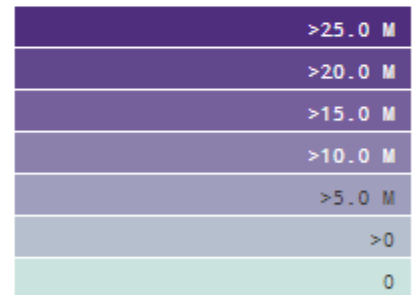
Organizations ▾

sort by

Indicator default ▾

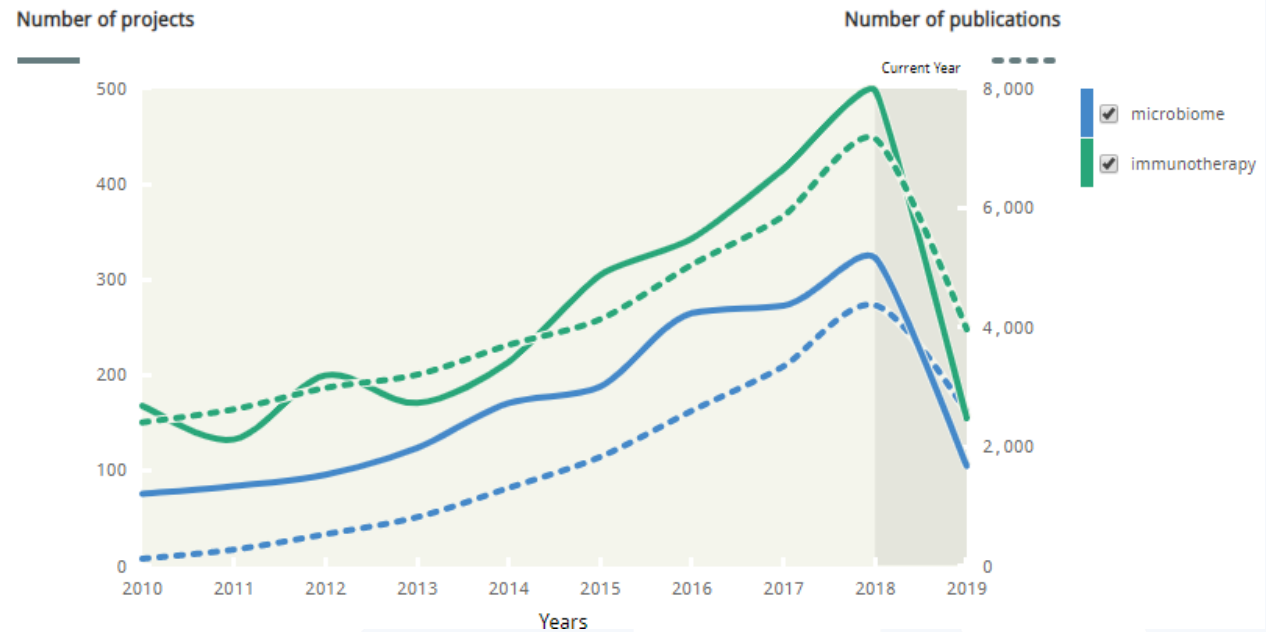
Show Indicator Values

Aggregated funding amount



# AND MORE...

- Many more ways to look at data



- Easy – once you get a login and play around
- Valuable – ONLY WHEN DATA IS CURRENT

**What else can we do to get your data into *Analyzer*?**

**What else can we do to get you to use *HRA Open*?**