

HIV Implementation Literature Review Dashboard Quick Start Manual



HIV Implementation Science
Coordination Initiative

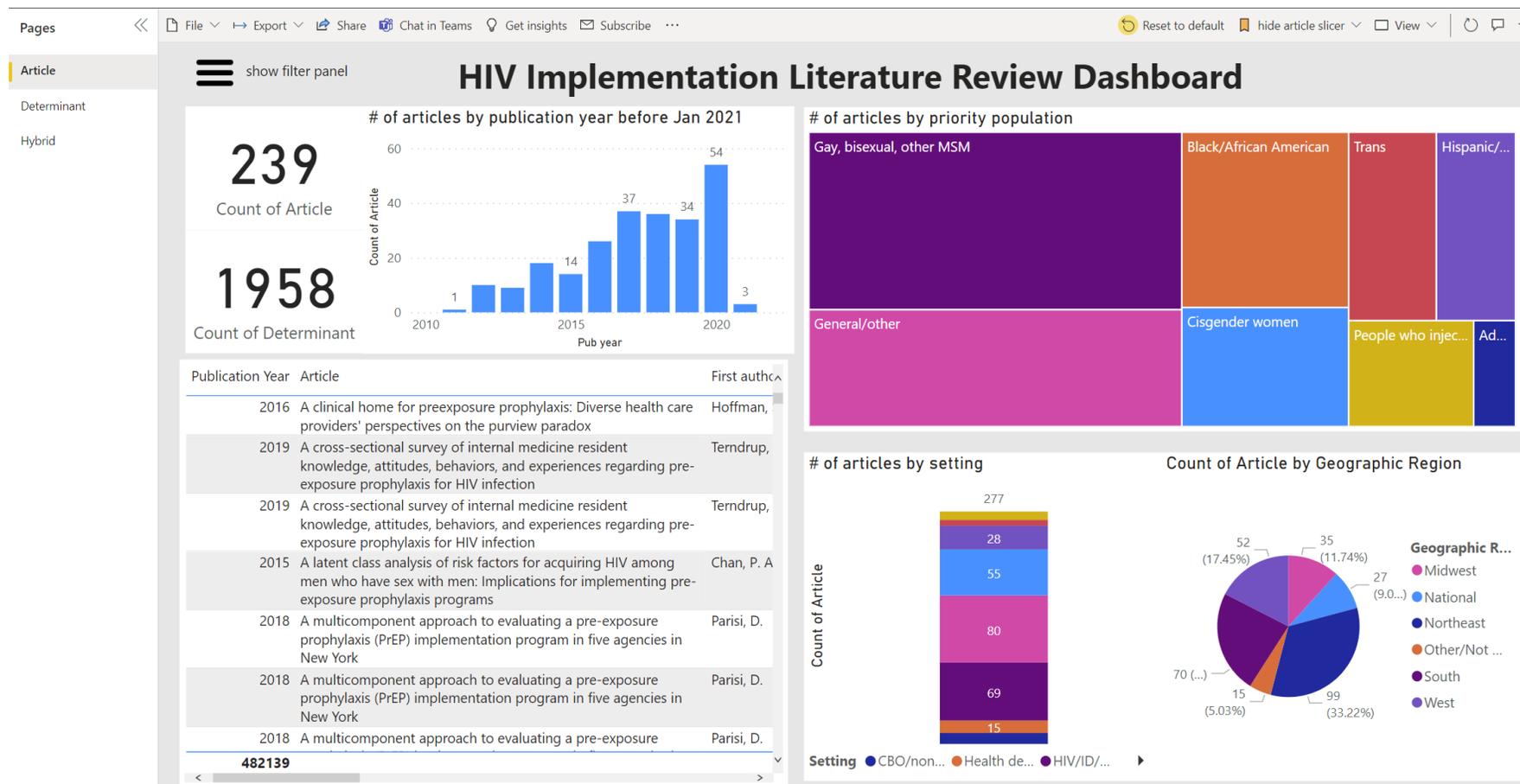
Index

- Summary statement:
 1. How to use article tab
 2. How to use determinant tab
 3. How to use hybrid tab

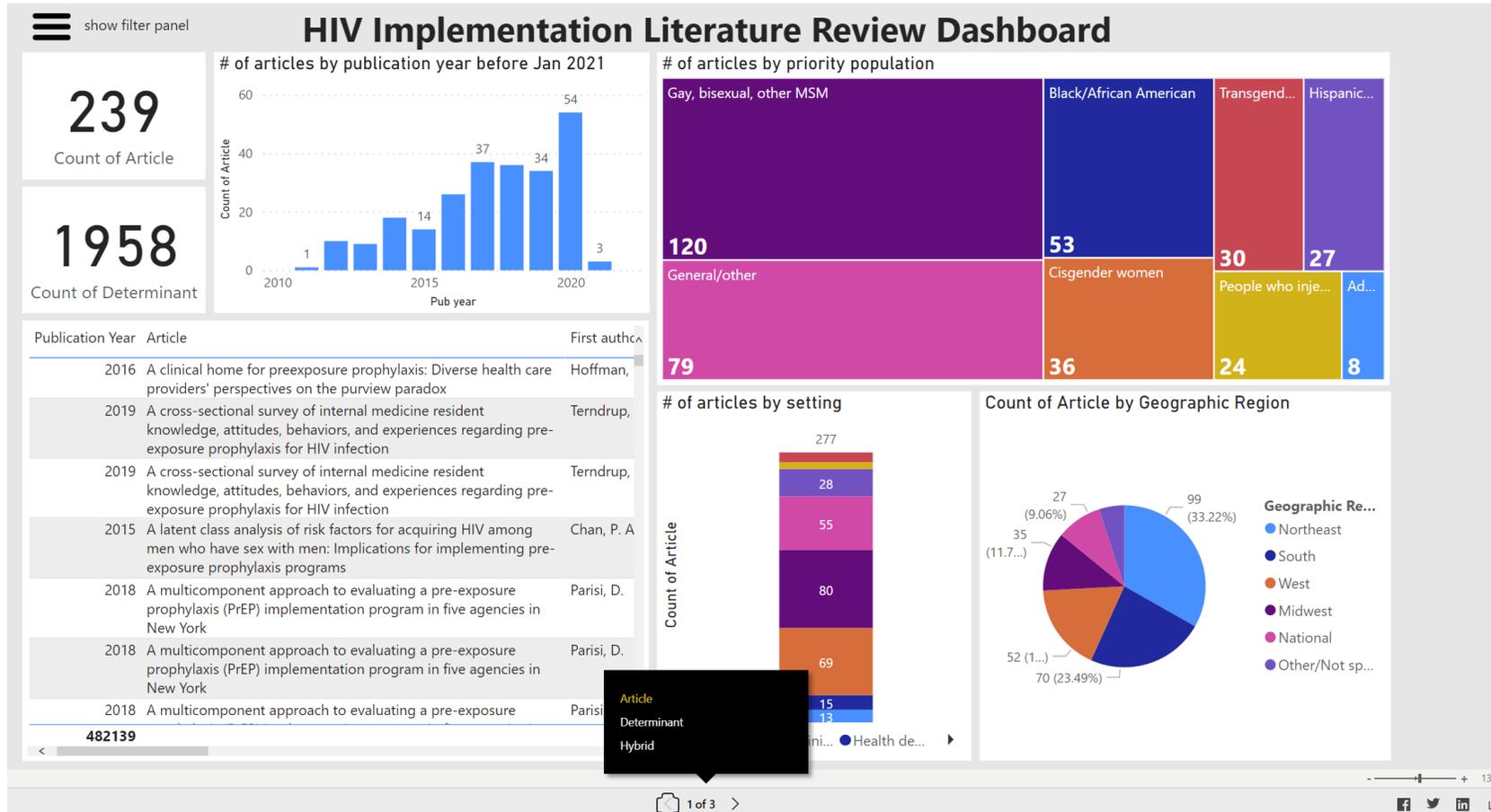
Summary

Our team completed a systematic review of U.S. studies that identified multilevel determinants of PrEP implementation using the updated Consolidated Framework for Implementation Research. Determinants were coded using the updated CFIR 2.0. Our database comprised over 1,900 measured determinants from 239 peer-reviewed articles. Data collection was performed during January 2021, in Ovid MEDLINE, PsycINFO, and Web of Science databases. The dashboard was developed using MS Power BI.

Landing page



How to change tabs

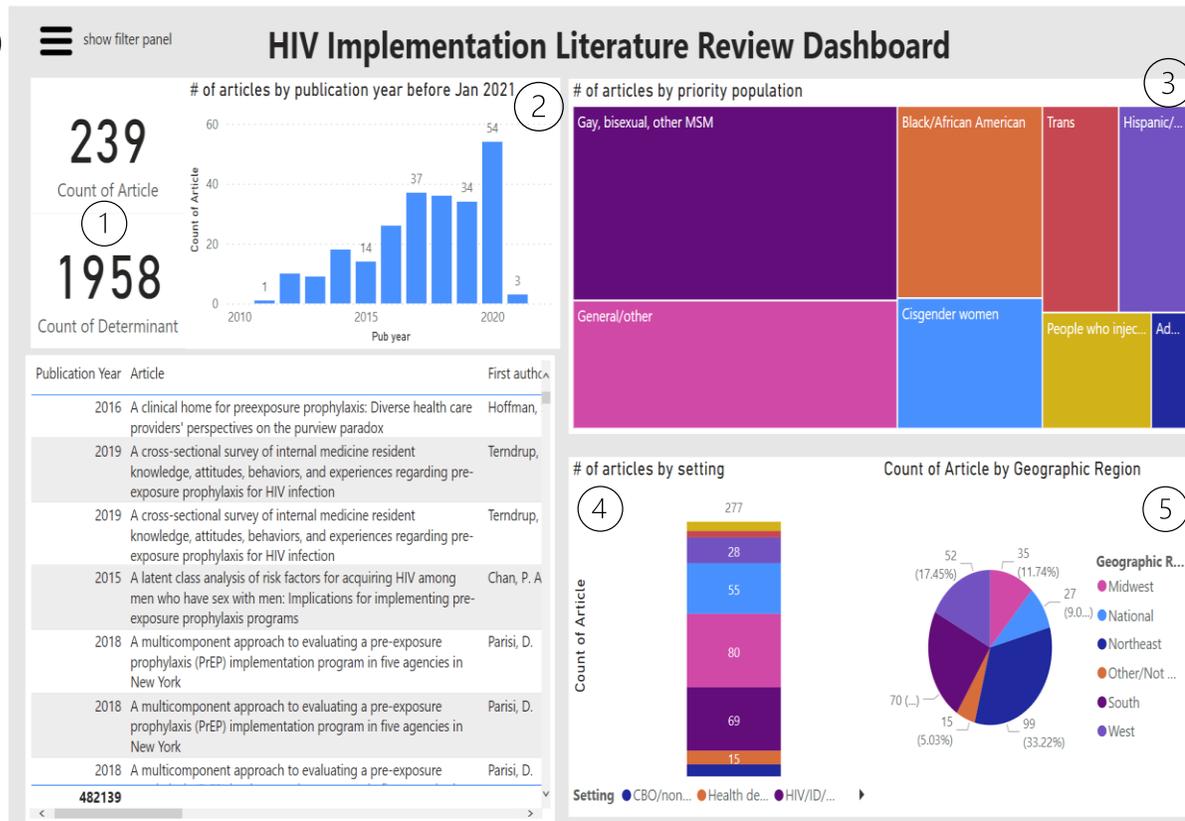


Article tab

- presents data coded from the 239 articles included in the review

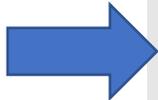
Know our dashboard: Article tab

6



- 1- Counter
- 2- Number of articles by year
- 3- Number of articles by priority population
- 4- Number of articles by setting
- 5- Number of articles by geographical location
- 6- Panel of filters
 - ✖ Eraser, will clear your filters
 - 🖥 Expand, will put your selection in full screen

Example: if you filter by MSM



Setting

- Select all
- CBO/non-clinical community sites
- Health department / whole jurisdiction
- HIV/ID/LGBT specialty or primary care
- Non-HIV primary care
- Not specified
- Other specified
- Pharmacy
- Substance use treatment centers

Study participants

- Select all
- Deliverers
- Deliverers and recipients
- N/A
- Recipients

Publication Year

2011 2021

Priority Population

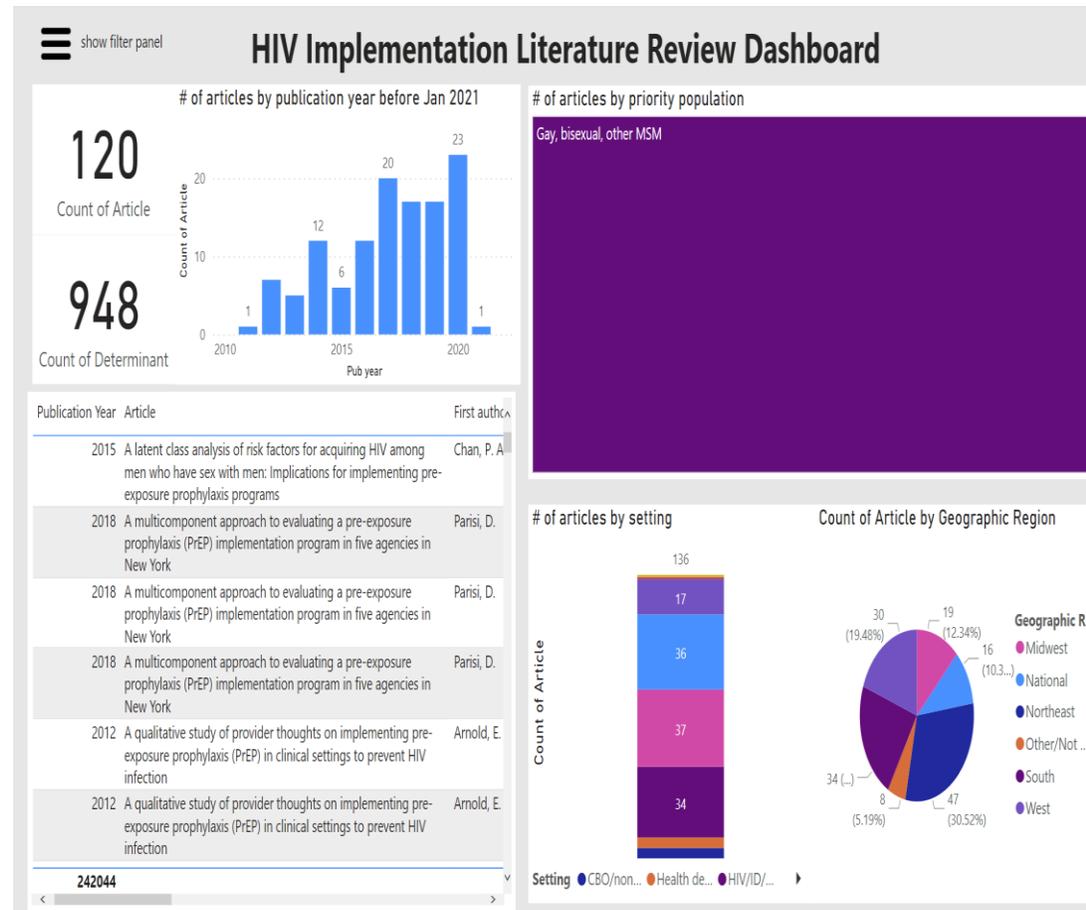
- Adolescents/youth
- Black/African American
- Cisgender women
- Gay, bisexual, other MSM
- General/other
- Hispanic/Latinx
- People who inject drugs
- Trans

Geographic Region

- Select all
- Midwest
- National
- Northeast
- Other/Not specified
- South
- West

Have unanswered questions about the data or how to use the dashboard? Reach out to the team at isci@northwestern.edu.

← Hide filter panel



- You can select the filters on the left to narrow your search.
- Click on the filters to select your inclusion criteria.
- The results of the selection process can be seen in the Counter on the top-center of the dashboard.

Example: Multiple filters within a variable

Setting

- Select all
- CBO/non-clinical community sites
- Health department / whole jurisdiction
- HIV/ID/LGBT specialty or primary care
- Non-HIV primary care
- Not specified
- Other specified
- Pharmacy
- Substance use treatment centers

Study participants

- Select all
- Deliverers
- Deliverers and recipients
- N/A
- Recipients

Publication Year

2011 2021

Priority Population

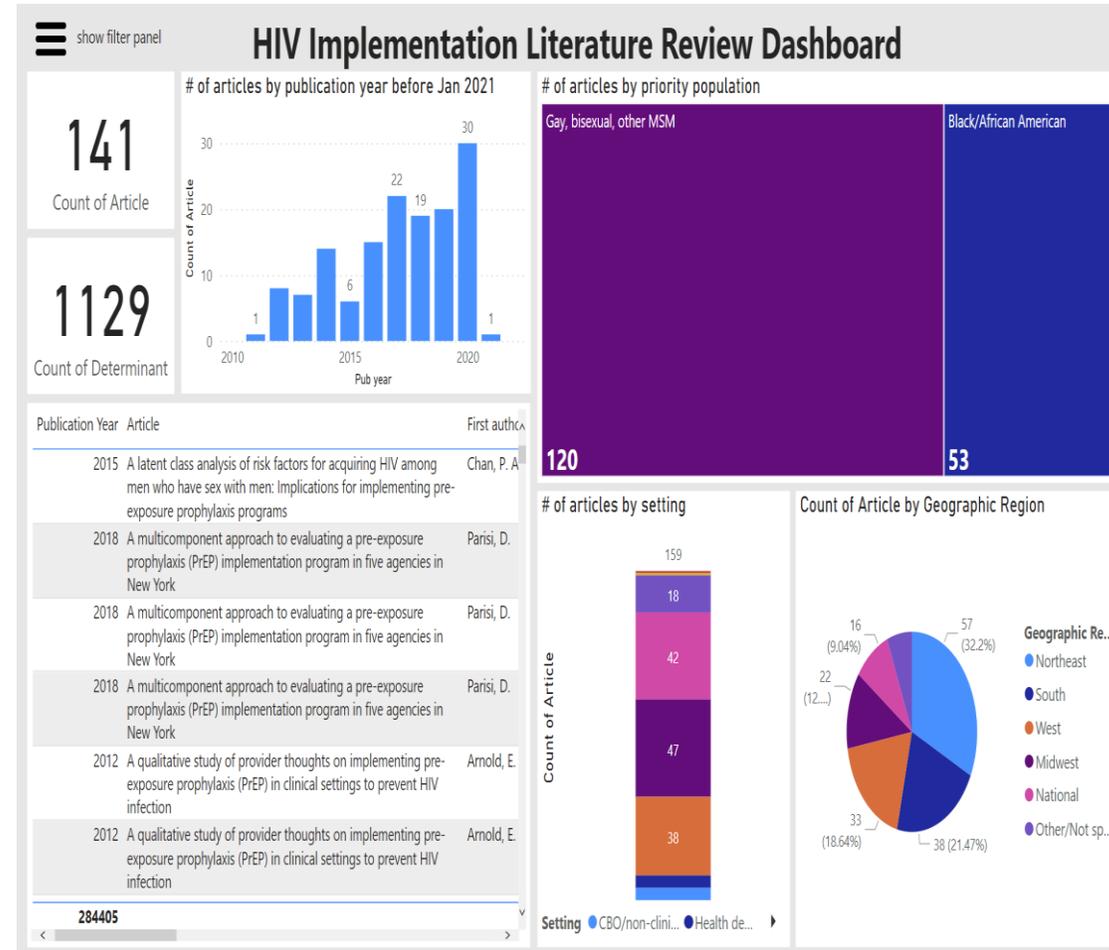
- Select all
- Adolescents/youth
- Black/African American
- Cisgender women
- Gay, bisexual, other MSM
- General/other
- Hispanic/Latinx
- People who inject drugs
- Transgender Individuals

Geographic Region

- Select all
- Midwest
- National
- Northeast
- Other/Not specified
- South
- West

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← Hide filter panel



When you select more than one option within the same filter, the results will show you every paper with one OR another.

Example if you filter by Geographic region

Setting

- Select all
- CBO/non-clinical community sites
- Health department / whole jurisdiction
- HIV/ID/LGBT specialty or primary care
- Non-HIV primary care
- Not specified
- Other specified
- Pharmacy

Priority Population

- Adolescents/youth
- Black/African American
- Cisgender women
- Gay, bisexual, other MSM
- General/other
- Hispanic/Latinx
- People who inject drugs
- Trans

Study participants

- Select all
- Deliverers
- Deliverers and recipients
- N/A
- Recipients

Geographic Region

- Select all
- Midwest
- National
- Northeast
- Other/Not specified
- South
- West

Publication Year



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 Hide filter panel

☰ show filter panel

HIV Implementation Literature Review Dashboard

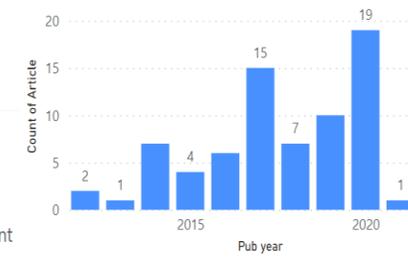
of articles by publication year before Jan 2021

70

Count of Article

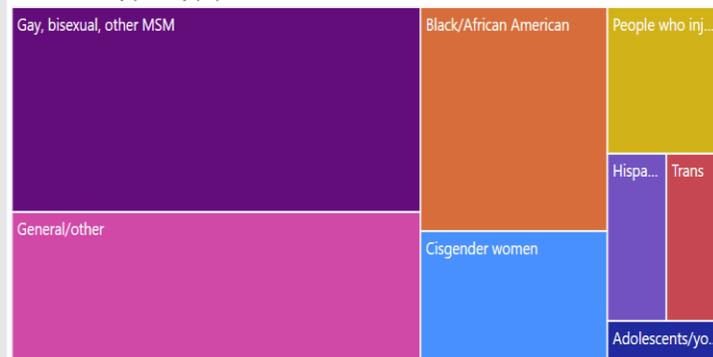
617

Count of Determinant



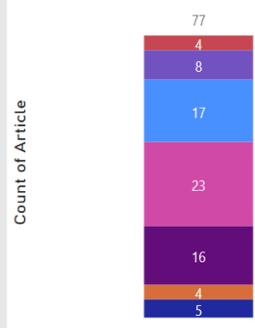
Pub year	Count of Article
2013	2
2014	1
2015	7
2016	4
2017	6
2018	15
2019	7
2020	10
2021	19
2022	1

of articles by priority population

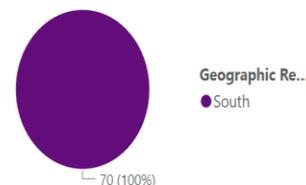


Publication Year	Article	First author
2019	A cross-sectional survey of internal medicine resident knowledge, attitudes, behaviors, and experiences regarding pre-exposure prophylaxis for HIV infection	Terndrup,
2019	A cross-sectional survey of internal medicine resident knowledge, attitudes, behaviors, and experiences regarding pre-exposure prophylaxis for HIV infection	Terndrup,
2020	A pharmacist-led, same-day, HIV pre-exposure prophylaxis initiation program to increase PrEP uptake and decrease time to PrEP initiation	Khosropo
2019	A randomized controlled pilot study of a culturally-tailored counseling intervention to increase uptake of HIV pre-exposure prophylaxis among young black men who have sex with men in Washington, DC	Desrosiers
2014	Acceptability of condoms, circumcision and PrEP among young black men who have sex with men: a descriptive study based on effectiveness and cost	Crosby, R.
2017	Acceptability of microbicidal vaginal rings and oral pre-exposure prophylaxis for HIV prevention among female sex workers in a	Peitzmeier

of articles by setting



Count of Article by Geographic Region



Geographic Re...
● South

Setting ● CBO/non... ● Health de... ● HIV/ID/...

Example after applying various filters

Setting

- Select all
- HIV/ID/LGBT specialty or primary care
- Non-HIV primary care
- Other specified

Study participants

- Select all
- Deliverers
- Recipients

Publication Year

2011 2021

Priority Population

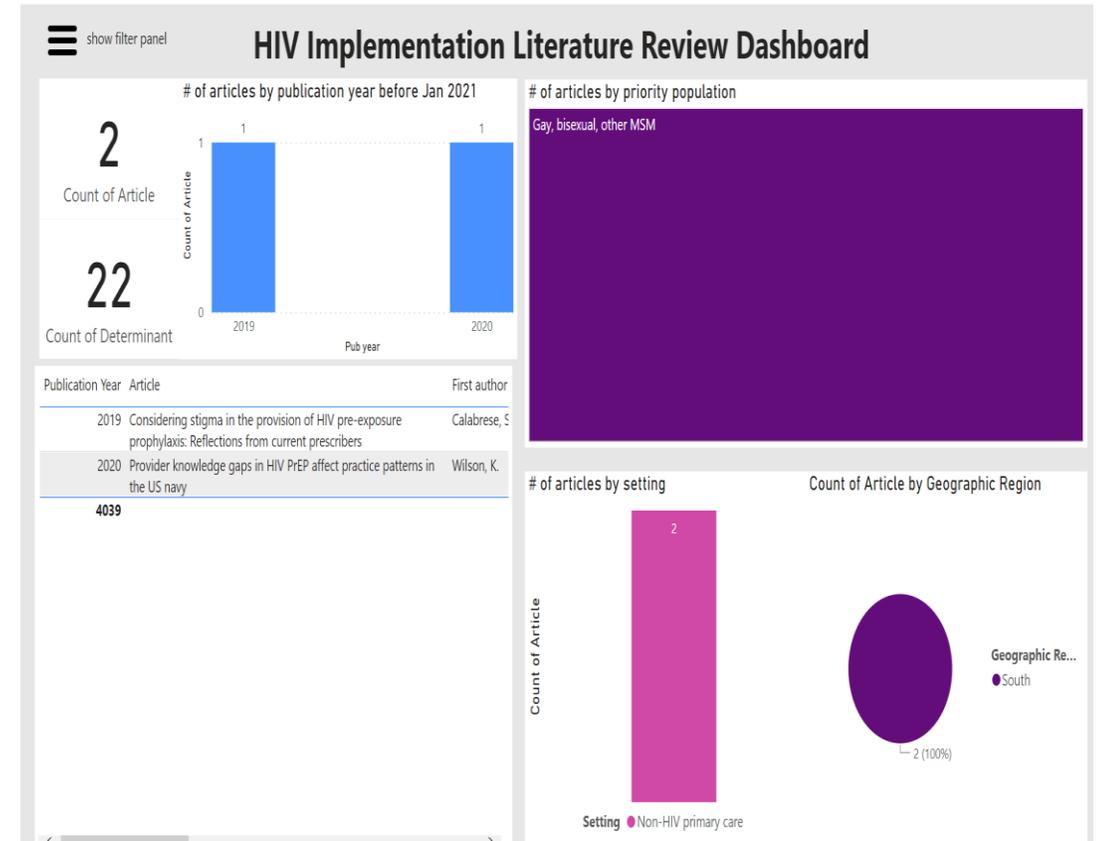
- Black/African American
- Cisgender women
- Gay, bisexual, other MSM
- General/other
- Hispanic/Latinx
- People who inject drugs
- Trans

Geographic Region

- Select all
- Midwest
- National
- Northeast
- South
- West

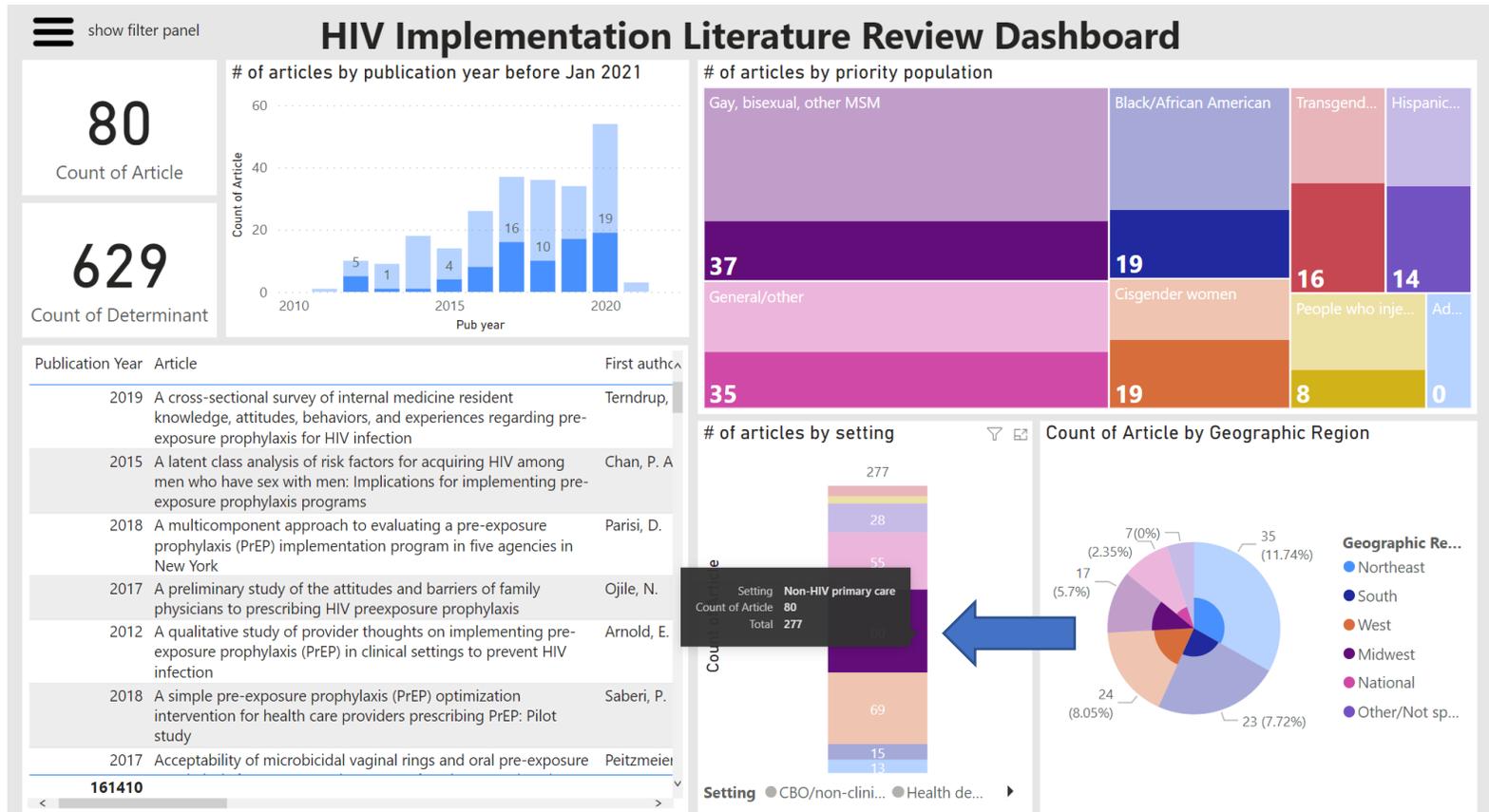
Have unanswered questions about the data or how to use the dashboard? Reach out to the team at isci@northwestern.edu.

← Hide filter panel



- Articles displayed contain all fields across unique variables (setting and region)

Exploring the graphs

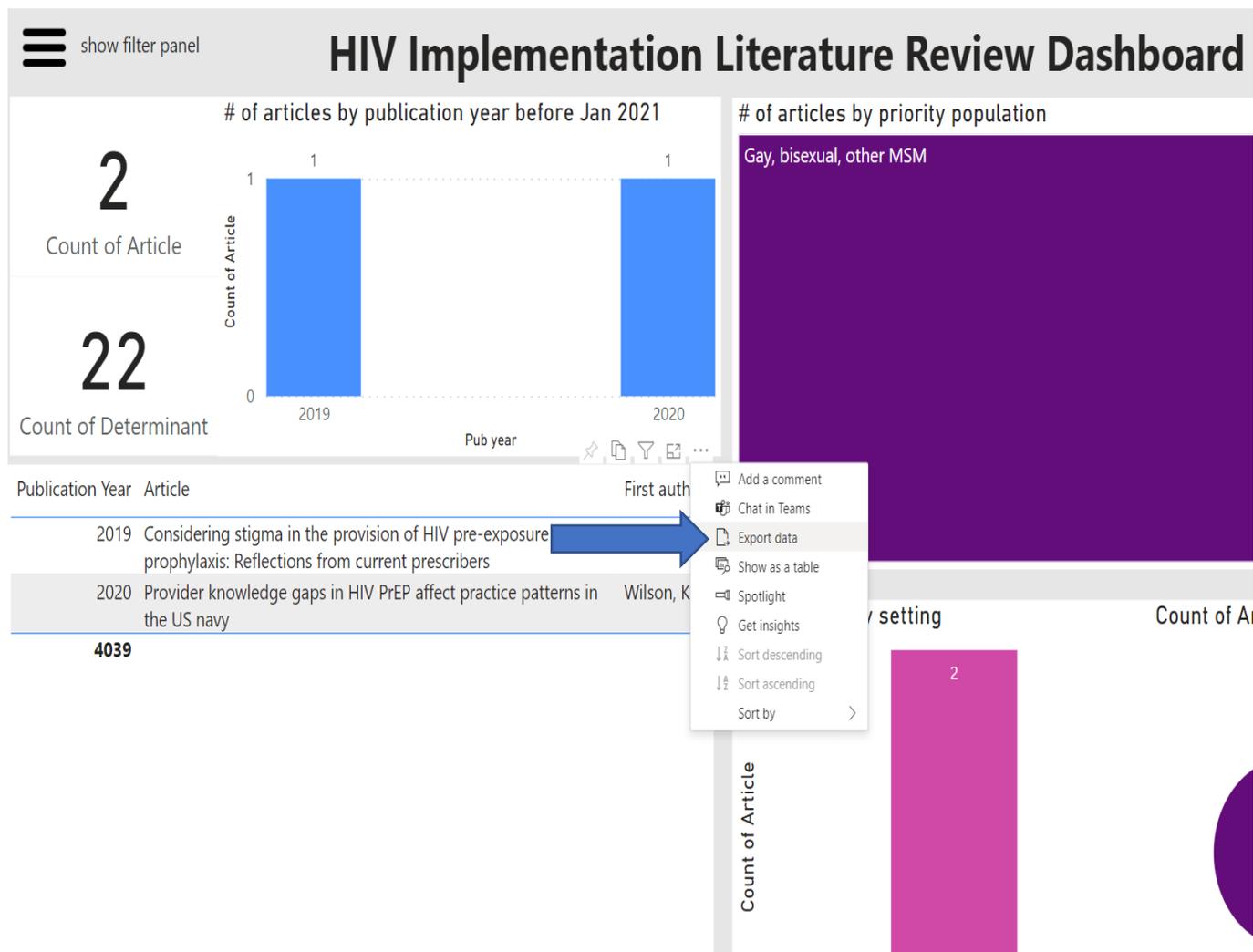


Another way you can filter the articles is by clicking in the graph segments.

Once you select one, all the other graphs are going to apply that same filter and cross tabulate.

You can only choose one variable at time this way.

How to export your search results



1. Place the mouse over the table of results.
2. Click on the "...".
3. Select Export Data.
4. Choose which format to export your selection.

This is how your export will appear in Excel

The screenshot shows the Microsoft Excel interface with the following data table:

Year	Article	First author	Journal	Setting	Study part	Verbatim	Verbatim recipient study participants, if applicable
2018	A multico	Parisi, D.	Journal of	CBO/non-	Recipients		men who have sex with men at high risk for HIV infe
2020	Adherenc	Colson, P.	AIDS and	CBO/non-	Recipients		black men who have sex with men and transgender
2020	Challenge	Rolle, C.	Journal of	CBO/non-	Recipients		young black MSM
2014	Pre-expos	King, H. L.	AIDS and	CBO/non-	Recipients		men who have sex with men
Applied filters: Value is Gay, bisexual, other MSM Setting is CBO/non-clinical community sites Study participants is Recipients							

Determinants dashboard

Includes data of all determinants coded across the articles; many articles contained numerous determinants

Know our dashboard: Determinant tab



- 1- Filters
- 2- Counter
- 3- Number of articles by CFIR domain x implementation continuum
- 4- Table of results based on your filters

Example of determinant search

Setting

- Select all
- CBO/non-clinical community sites
- Health department / whole jurisdiction
- HIV/ID/LGBT specialty or primary care
- Non-HIV primary care

Study participants

- Select all
- Deliverers

Publication Year

2011 2021

Priority Population

- General/other

Geographic Region

- Select all
- National
- South
- West

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← Hide filter panel

HIV Implementation Literature Review Dashboard

show filter panel

2
Count of Article

13
Count of Determinant

of articles by publication year before Jan 2021

Pub year	Count of Article
2018	2

of articles by priority population

General/other

of articles by setting

Setting	Count of Article
Health department / whole jurisdiction	2

Count of Article by Geographic Region

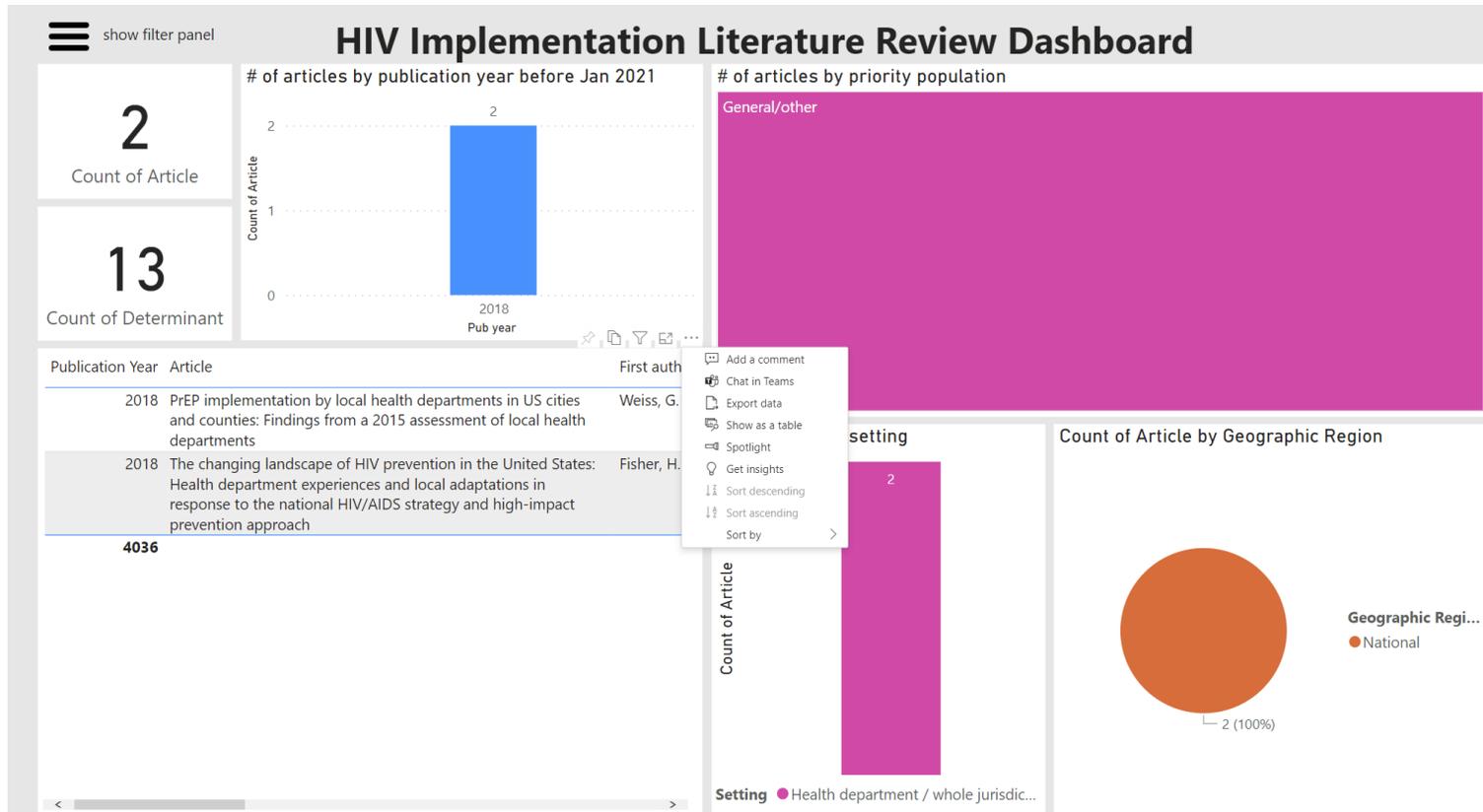
Geographic Region	Count of Article	Percentage
National	2	100%

Publication Year	Article	First author
2018	PrEP implementation by local health departments in US cities and counties: Findings from a 2015 assessment of local health departments	Weiss, G.
2018	The changing landscape of HIV prevention in the United States: Health department experiences and local adaptations in response to the national HIV/AIDS strategy and high-impact prevention approach	Fisher, H. H.

4036

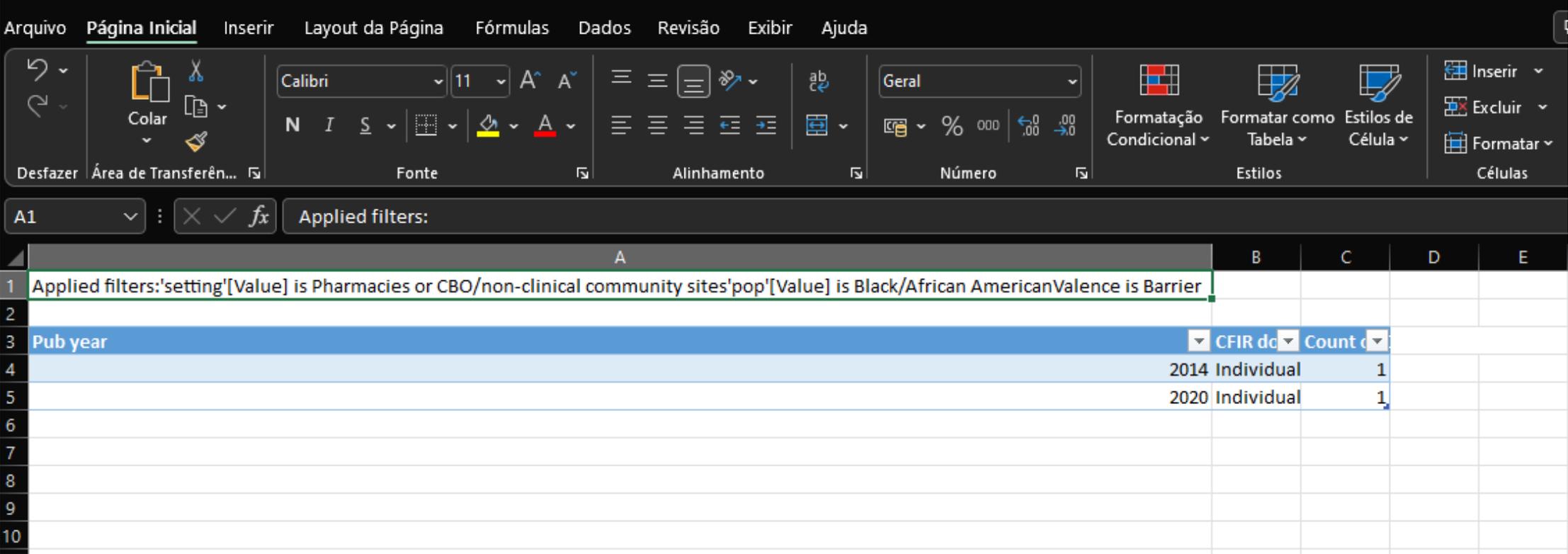
- Articles displayed contain all fields across unique variables

How to export your determinants search



1. Place the mouse over the table of results.
2. Click on the "...".
3. Select Export Data.
4. Choose which format to export your selection.

This is how the exported data appears in Excel



Hybrid tab

- An alternative visualization that allows you to explore Article and Determinants results at the same time. Filters work in a similar fashion as the other tabs.

