

An Analysis of Medical Publications in the LATAM Region: Focus on Brazil, Mexico, and Argentina

Saudha Parthasarathy¹, Jessica Martin¹, Susan Ryan¹, Paulo Mendes^{1*}

¹Innovation Communications Group, New York, NY; ^{*}Rio de Janeiro, Brazil

GOAL

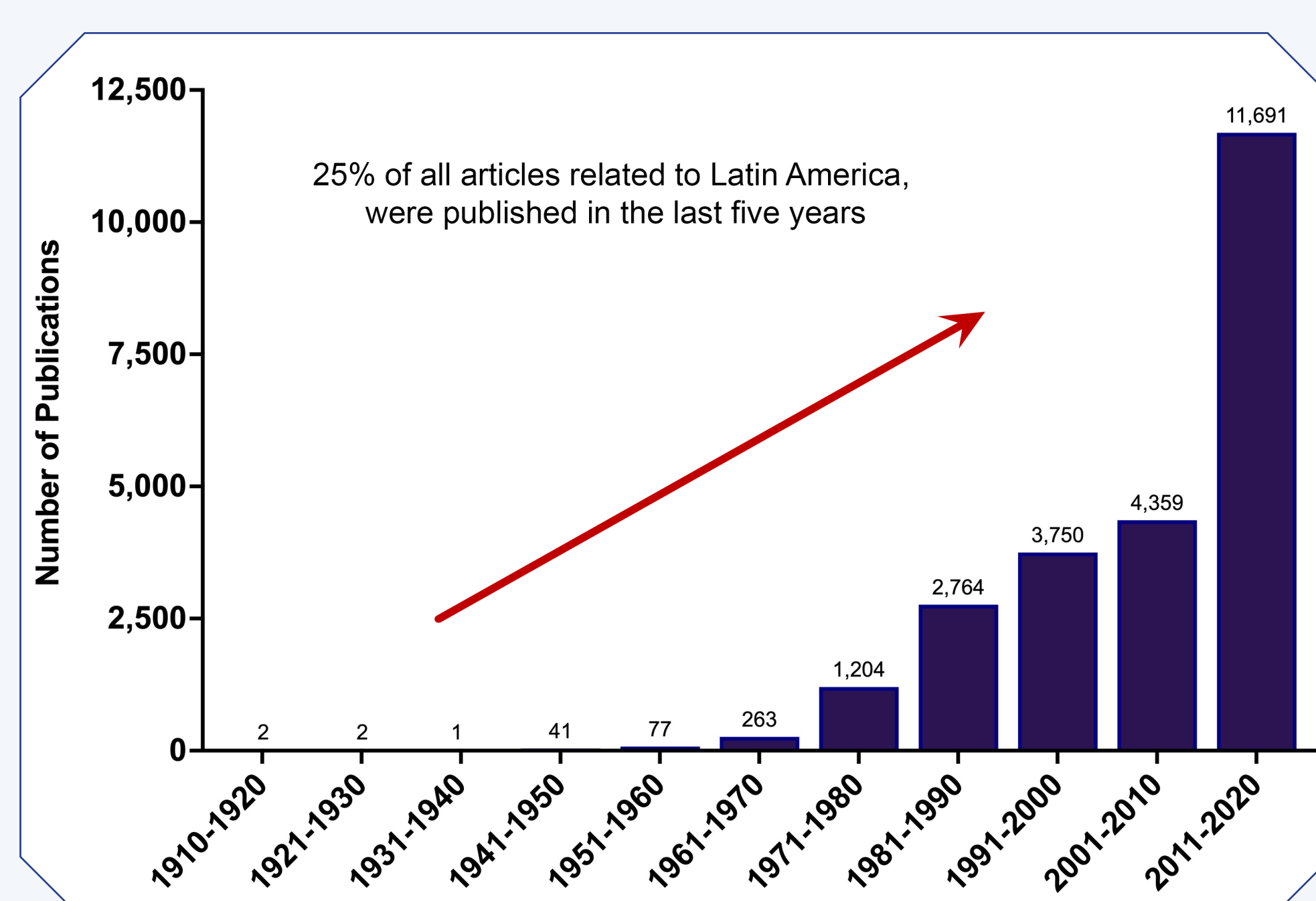
- To analyze the medical publication landscape in Latin America (LATAM)

RESEARCH DESIGN & METHODS

- PubMed search including keywords "Latin America" (all years and limit: 5 years)
- Key country search including keywords Brazil, Argentina, and Mexico (limit 5 years); country selection was based on published data indicating importance of population, economic activity, promotion of innovation, and conduct of clinical trials.¹
- Search results (N=6,550) were analyzed quantitatively and qualitatively

RESULTS

Publication Volume



Top 4 Journals with LATAM Publications

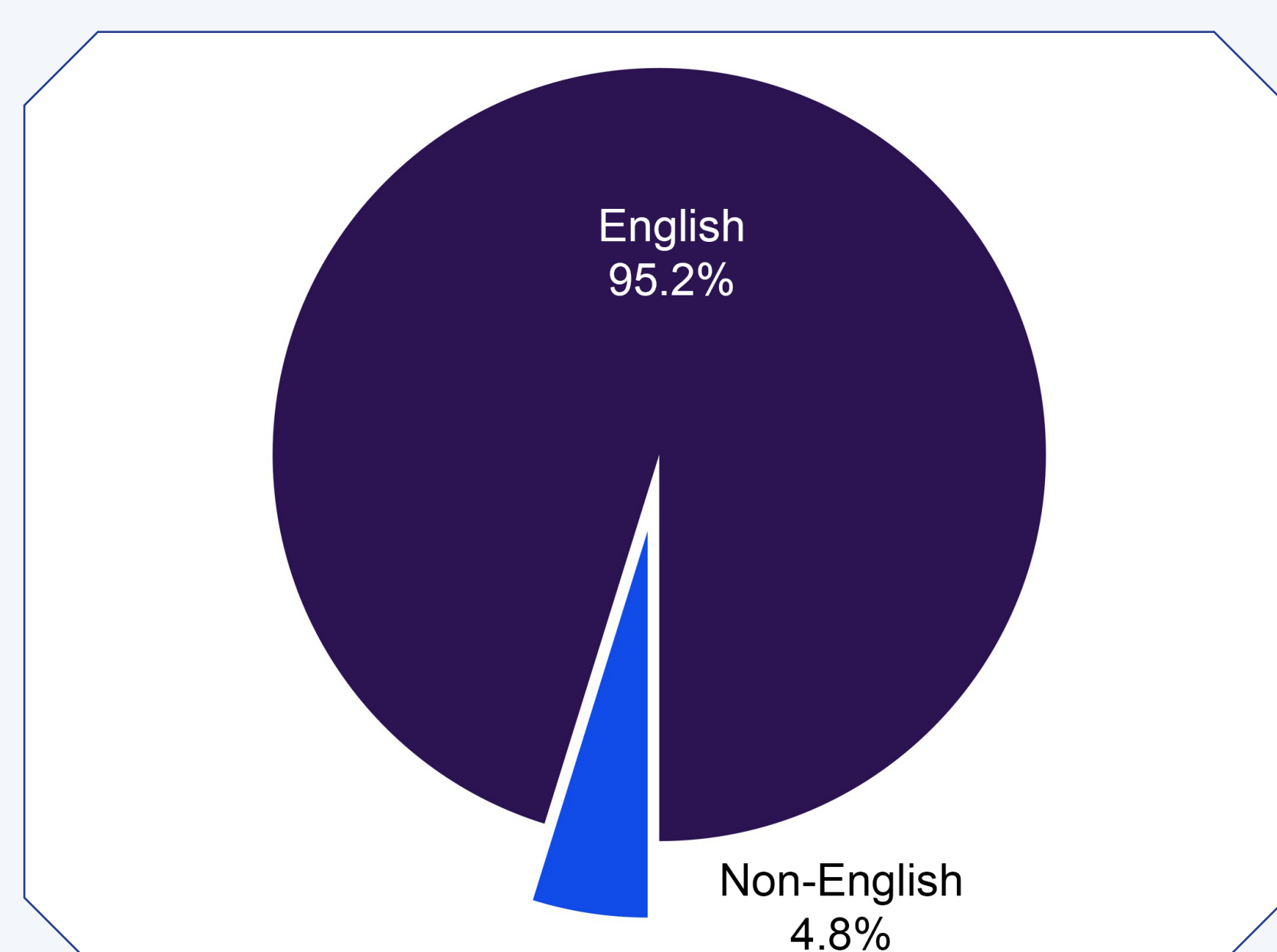
PLOS One

Revista Panamericana de Salud Pública/Pan American Journal of Public Health (publication of the World Health Organization's regional office of the Americas)

PLOS Neglected Tropical Diseases

The American Journal of Tropical Medicine and Hygiene

Languages



Top Multilingual Journals

Revista Panamericana de Salud Pública/Pan American Journal of Public Health (EN, PT, SP)

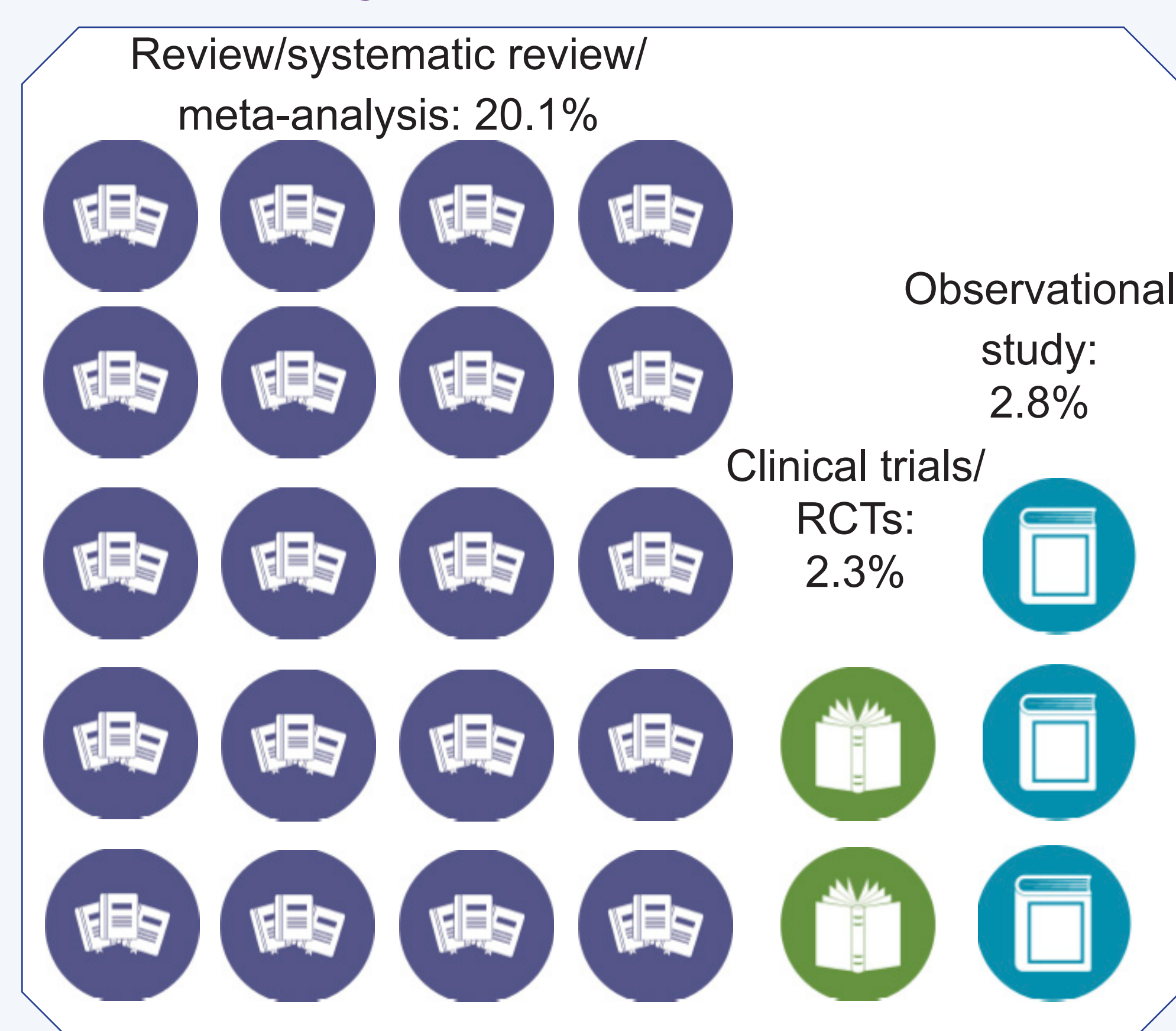
Cadernos de Saude Publica (PT, SP)

Ciência & Saúde Coletiva (EN, PT)

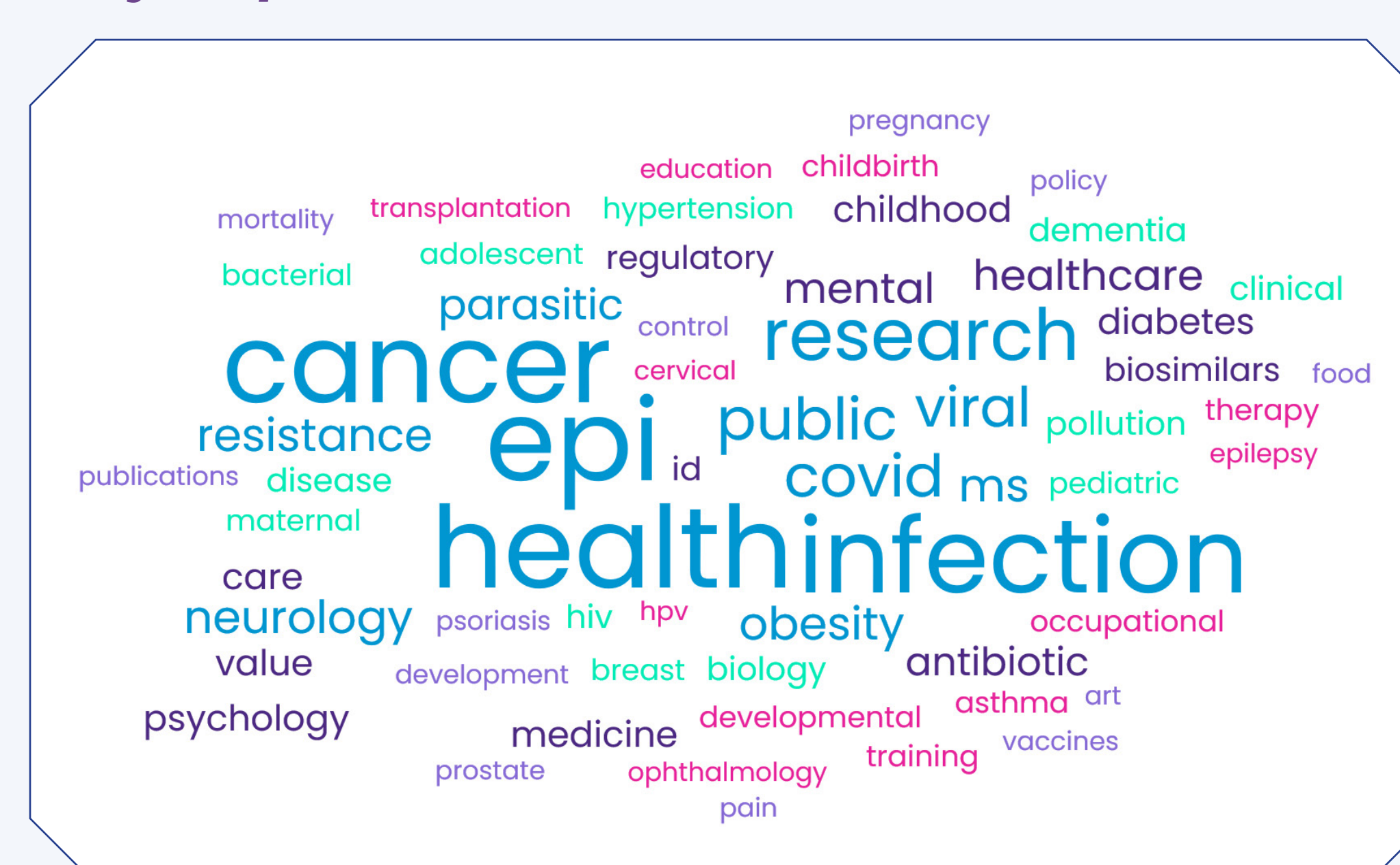
Salud Pública de México (EN, SP)

EN, English; PT, Portuguese; SP, Spanish.

Publication Types



Key Topics of Interest



- Epidemiology (2,463/6,550 [37.6%]), public health (3,866/6,550, [59%]) and infection (2,252/6,550 [34.3%]) were key publication areas.

Local Focus



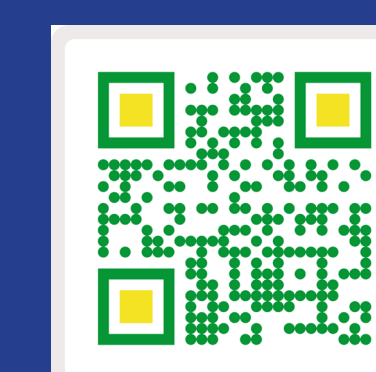
- Average 12,294 publications/year over the last 5 years
- When bilingual articles were available, Spanish was preferred
- 2.3% of publications reported on clinical trials/RCTs
- Predominant topics:
 - Public health, epidemiology, and infectious diseases
 - Other: cancer, cardiac disease, nutrition, mental health, diabetes
 - Professional education/training



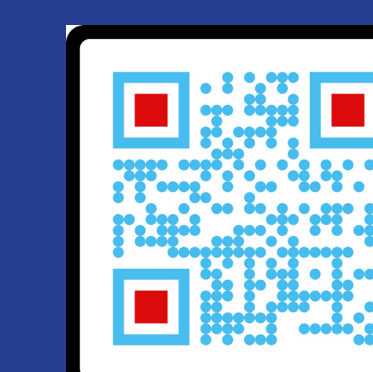
- Average 6,192 publications/year over the last 5 years
- When bilingual articles were available, Spanish was preferred
- 2% of publications reported on clinical trials/RCTs
- Predominant topics:
 - Public health, epidemiology, and infectious diseases
 - Other: cancer, cardiac disease
 - Professional education/training



Leia o código QR abaixo para baixar uma versão em português deste pôster.



Escanee el código QR a continuación para descargar una versión en español de este póster.



- Average 33,664 articles/year over the last 5 years
- When bilingual articles were available, Portuguese was preferred
- 3% of publications reported on clinical trials/RCTs
- Predominant topics:
 - Public health, epidemiology, and infectious diseases
 - Other: cancer, cardiac disease, nutrition
 - Professional education/training

CONCLUSIONS

- There has been an increase in the volume of scientific publications related to the LATAM region in the last 5 years
- 95% of all articles are currently published in mainstream international journals in English
- A minority of articles are published in multilingual journals and offer options for publications in Portuguese and Spanish
- Review articles dominate the LATAM literature, with primary articles typically accounting for only ~2% of publications
- Multilingual and localized primary publications may serve to expand reach of contemporary study results

REFERENCE

- Valverde JL. Pharmaceuticals Policy and Law. Latin American pharmaceutical overview. 2014;16:179–206.