

Globalization of The Journal of Craniofacial Surgery Over The Last Decade: A Continent, Country, and State Level Analysis

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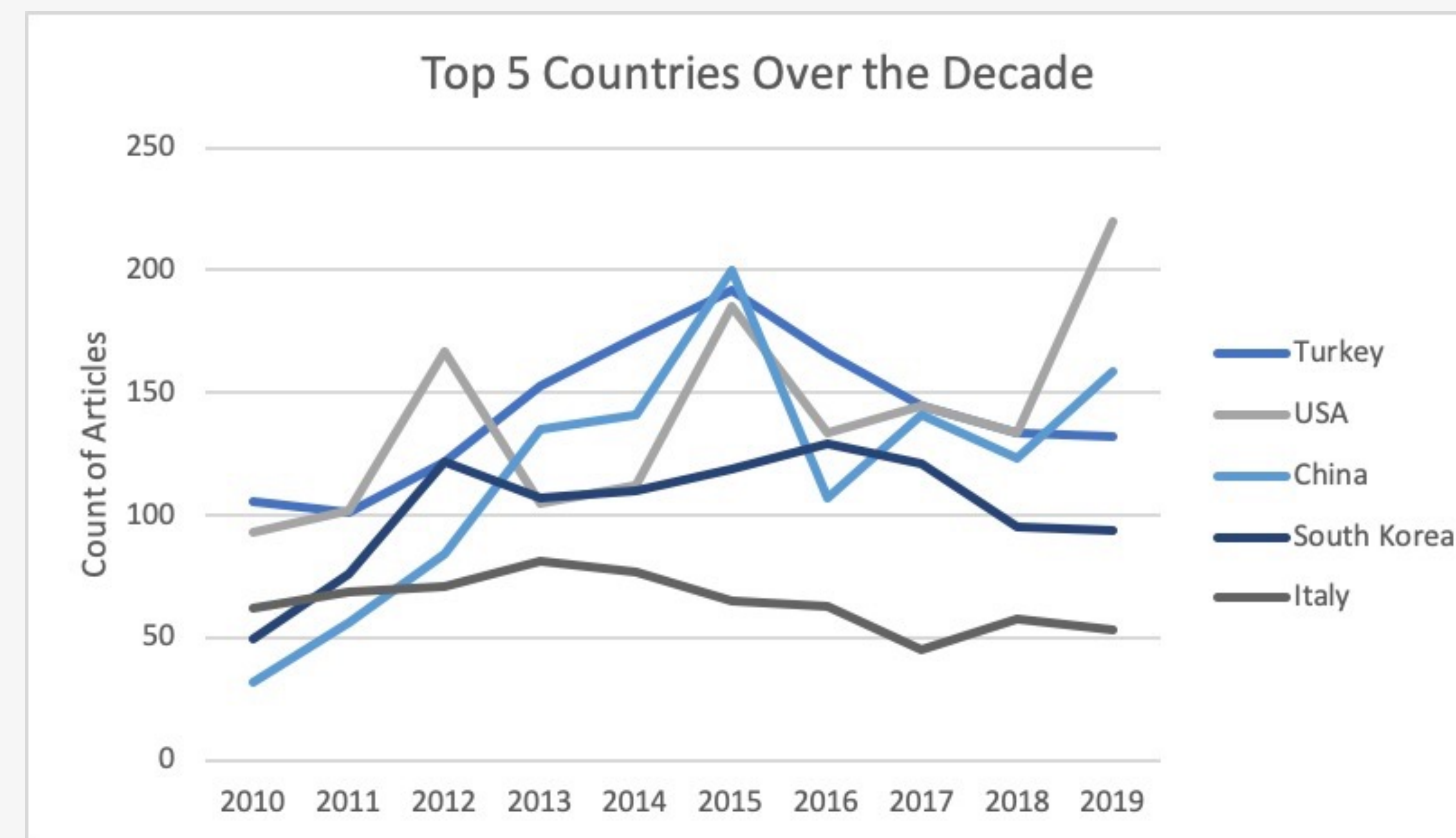
INTRODUCTION

Craniofacial surgery continues to be a rapidly evolving field, due in part to interdisciplinary collaboration that has allowed for sharing of knowledge and methodologies, which has expanded greatly due to online publications.

The Journal of Craniofacial Surgery (JCS) is a highly regarded journal that has attracted attention for its **mission to increase diversity and global representation** in research publications.

The purpose of this study is to provide an **objective measurement of global participation in craniofacial research**, specifically as it pertains to the JCS.

FIGURE 1

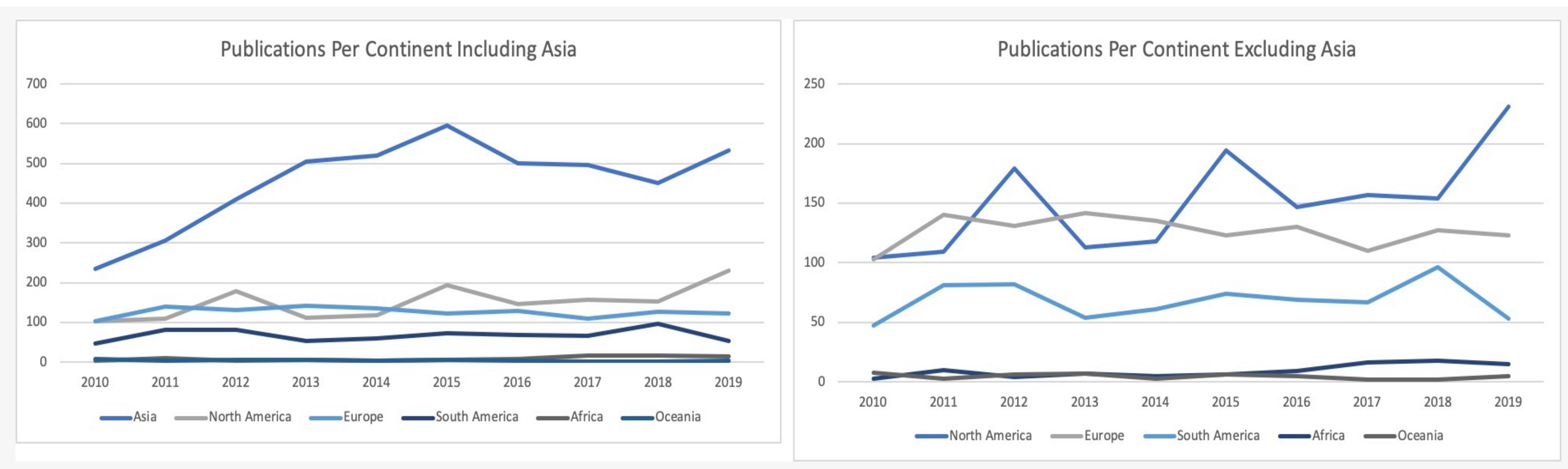


METHODS

All publications in the JCS from January 1, 2010 through December 31, 2019 were cataloged in PubMed. The date of publication, article title, and authors were then extracted using PubMed2XL.

A country was assigned to each publication based on the primary (first) author's affiliation.

The data were also stratified by country income. Using World Bank country income level, data was divided into high income (HI), upper-middle income (UMI), lower-middle income, and low-income.



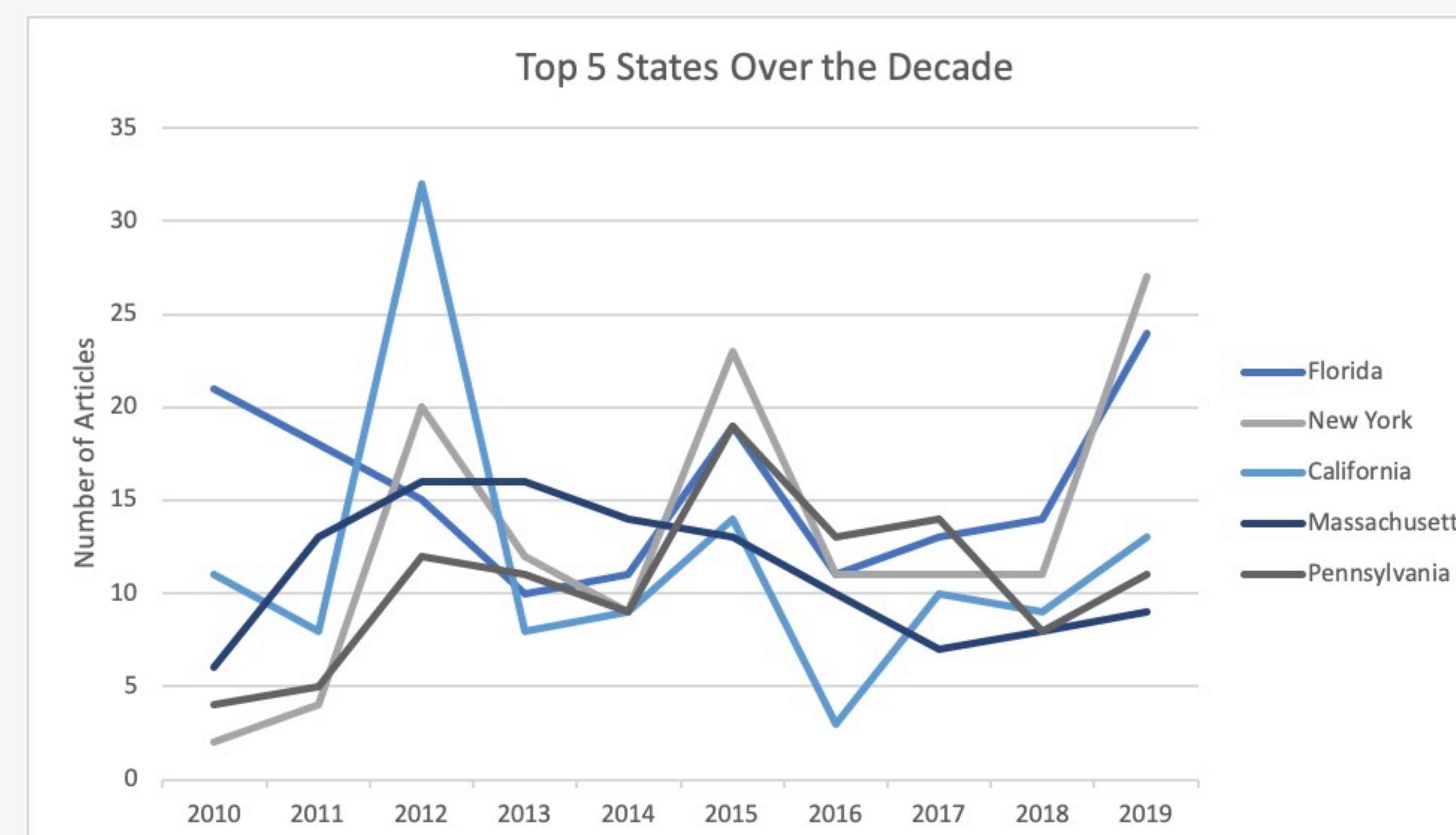
RESULTS

In line with its mission, the JCS increased its overall production 1.9 times during the past decade and increased its global representation 1.6 times, as represented by the number of countries contributing (78).

The journal produced 8,147 articles with **top producers being Turkey (1424), USA (1397), China (1178), South Korea (1023), and Italy (644).**

The highest represented states were Florida (156), New York (130), California (117), Massachusetts (112), and Pennsylvania (106).

FIGURE 2



CONCLUSIONS

The Journal of Craniofacial Surgery has the **greatest diversity of country representation** of the major plastic and reconstructive journals compared.

The JCS has stayed true to its mission to foster craniofacial research and is a valuable resource for craniofacial surgeons across the world.

This study provides an analysis of trends in global contributions to craniofacial research and highlights areas for further increasing global contributors to the field of craniofacial surgery.