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**School of Nursing and Department of Nutrition,
Food Science and Packaging at San José State
University: Bibliometric Study 2006-2011**

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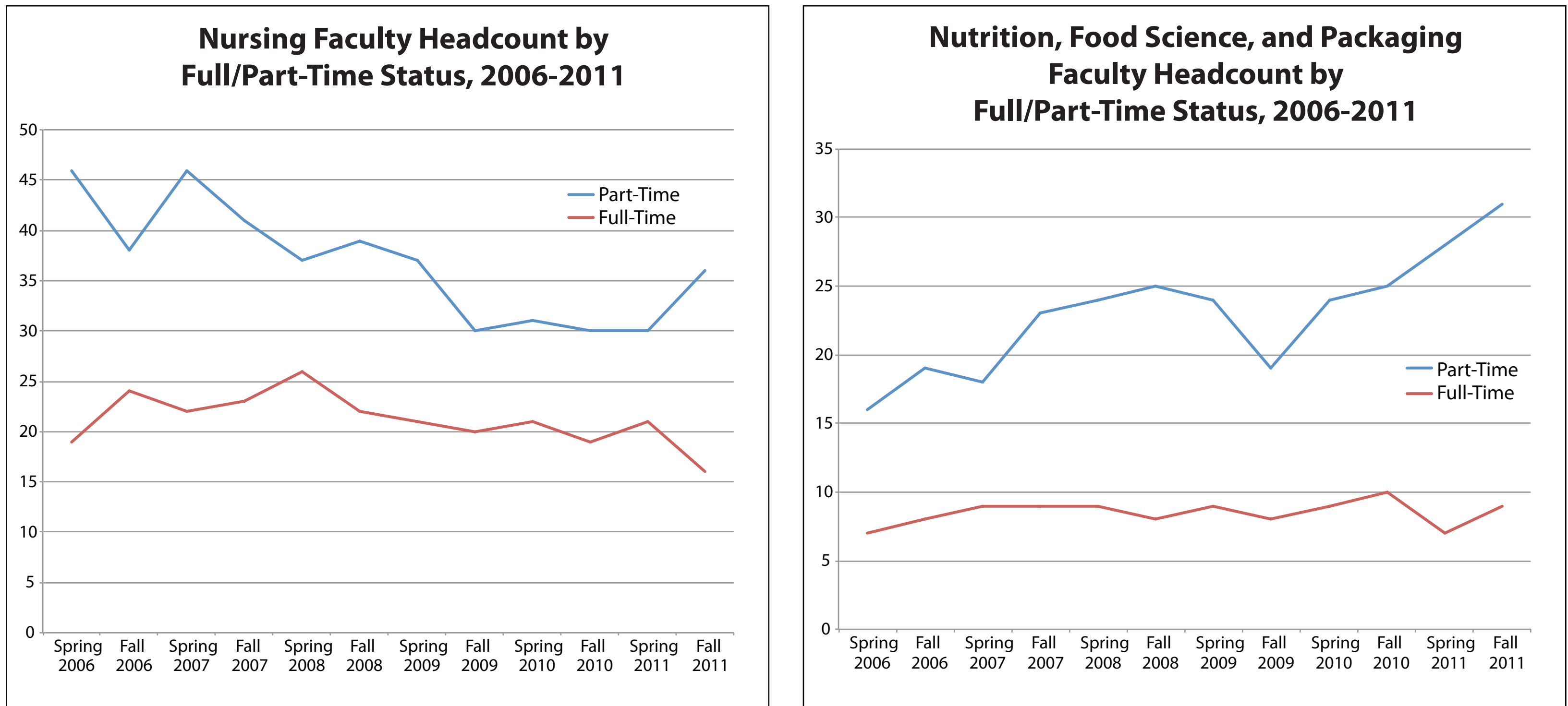
ABSTRACT

- Bibliometrics, the quantification of research output and productivity, offers a way for liaison librarians to learn more about the interests, impact, and specialties of departments. Understanding the inputs and outputs to the scholarly and research enterprise specific to a librarian's liaison area facilitates a librarian's ability to tailor and subsequently improve future library services.
- This bibliometric study was undertaken to accomplish the following objectives:
 - Identify current knowledge areas of research in the School of Nursing and the Nutrition, Food Science, and Packaging Department at San José State University, limited to the last five years,
 - Identify researchers' preferred publishing sources from these two programs, and
 - Observe the relationship between scientific research production and budget, as quantified by faculty headcount, in two specific health sciences-related programs.

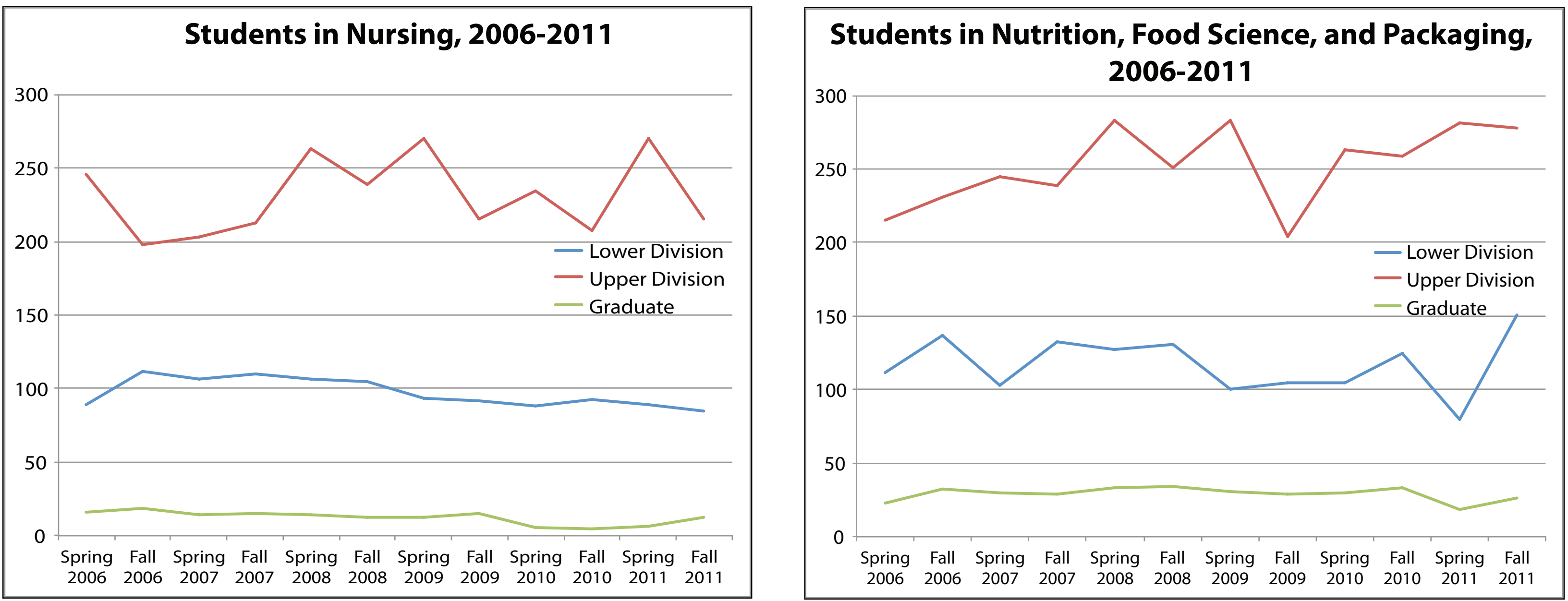
METHODS

- Using Web of Science, Journal Citation Reports, SCOPUS, the National Library of Medicine (NLM) Catalog, and the San José State University's Office of Institutional Research, this study will collect data, including production per year, impact factors of the journals used by the researchers, knowledge areas covered, and the number of citations received, all within the landscape of a fluctuating budget.
- Budget fluctuation is expressed as a function of faculty headcount for the purposes of this study.
- This study will provide data on research production in two specific health sciences programs in an urban university during the period of 2006-2011.

Faculty Demographics – A Function of a Fluctuating Budget

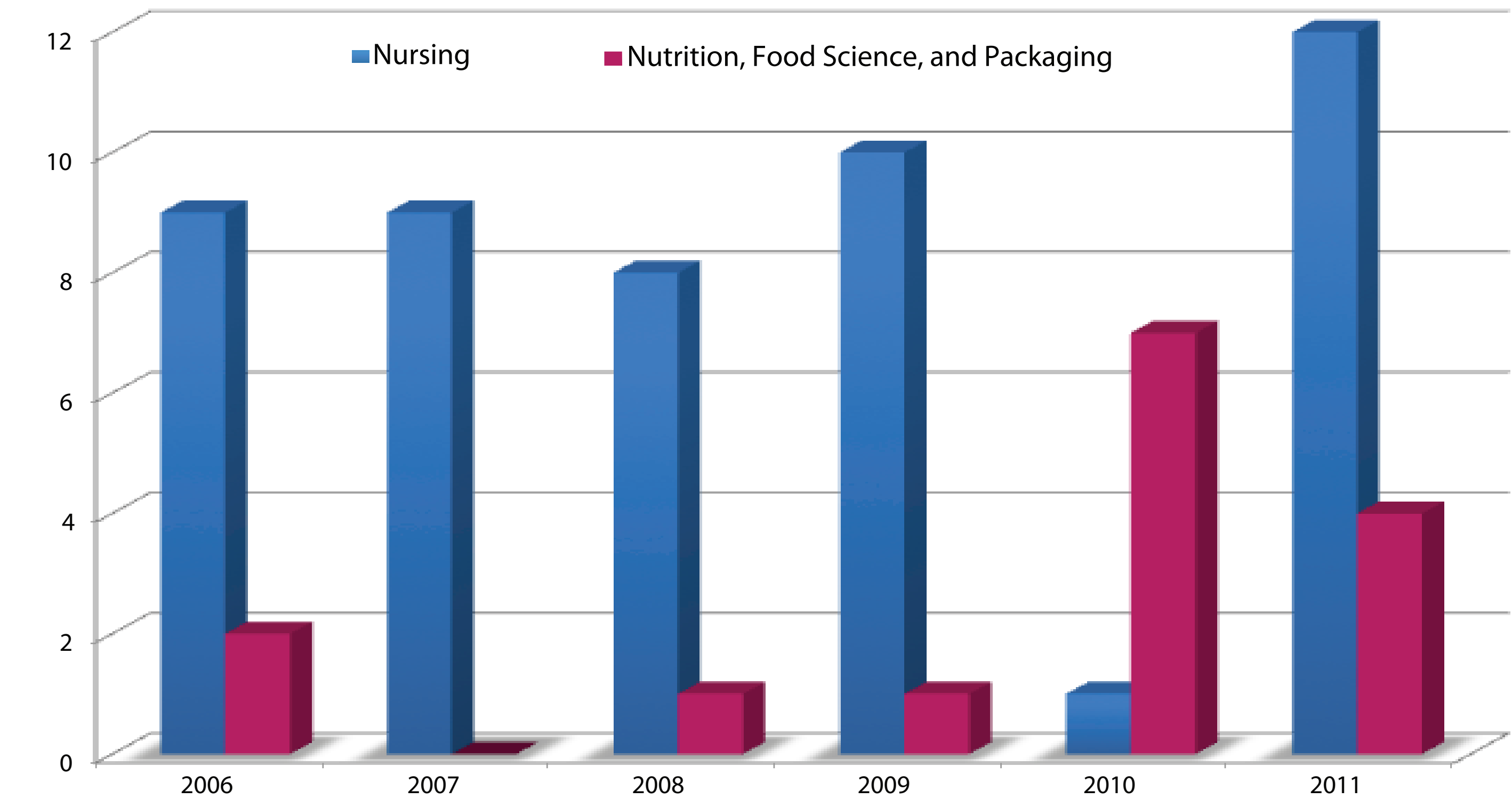


Student Full-Time Equivalents (FTEs)

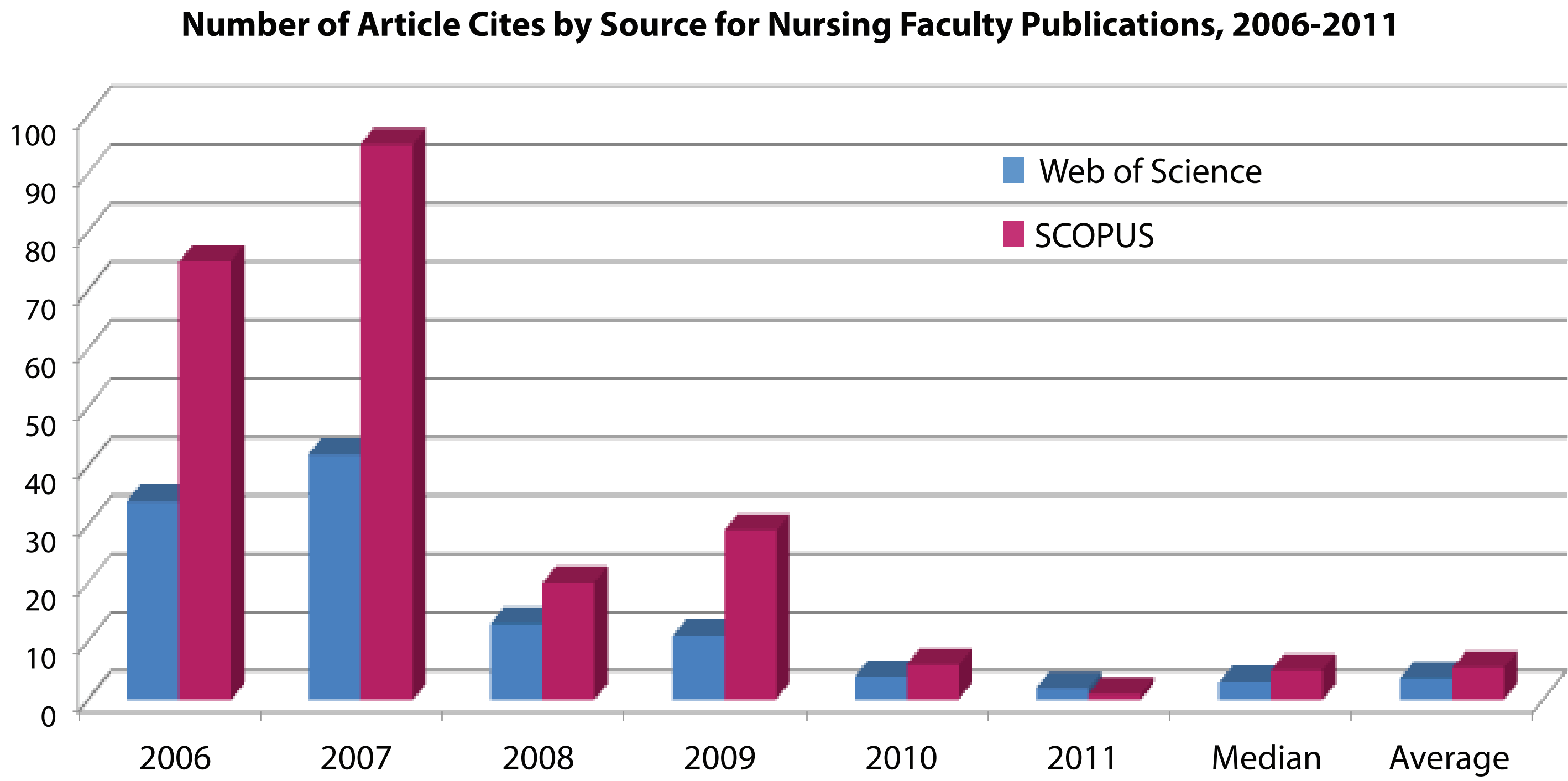


Degree/Minor/Certificate Offerings	
Nursing	Nutrition, Food Science, and Packaging
B.S., Nursing	B.S., Nutritional Science
M.S., Nursing	B.S., Nutritional Science, Concentration in Dietetics
Certificate, California School Audiometrist	B.S., Nutritional Science, Concentration in Food Science and Technology
Credential, School Nurse	B.S., Nutritional Science, Concentration in Packaging
	Minor, Nutrition and Food Science
	Minor, Nutrition for Physical Performance
	Minor, Food Science
	Minor, Packaging
	M.S., Nutritional Science

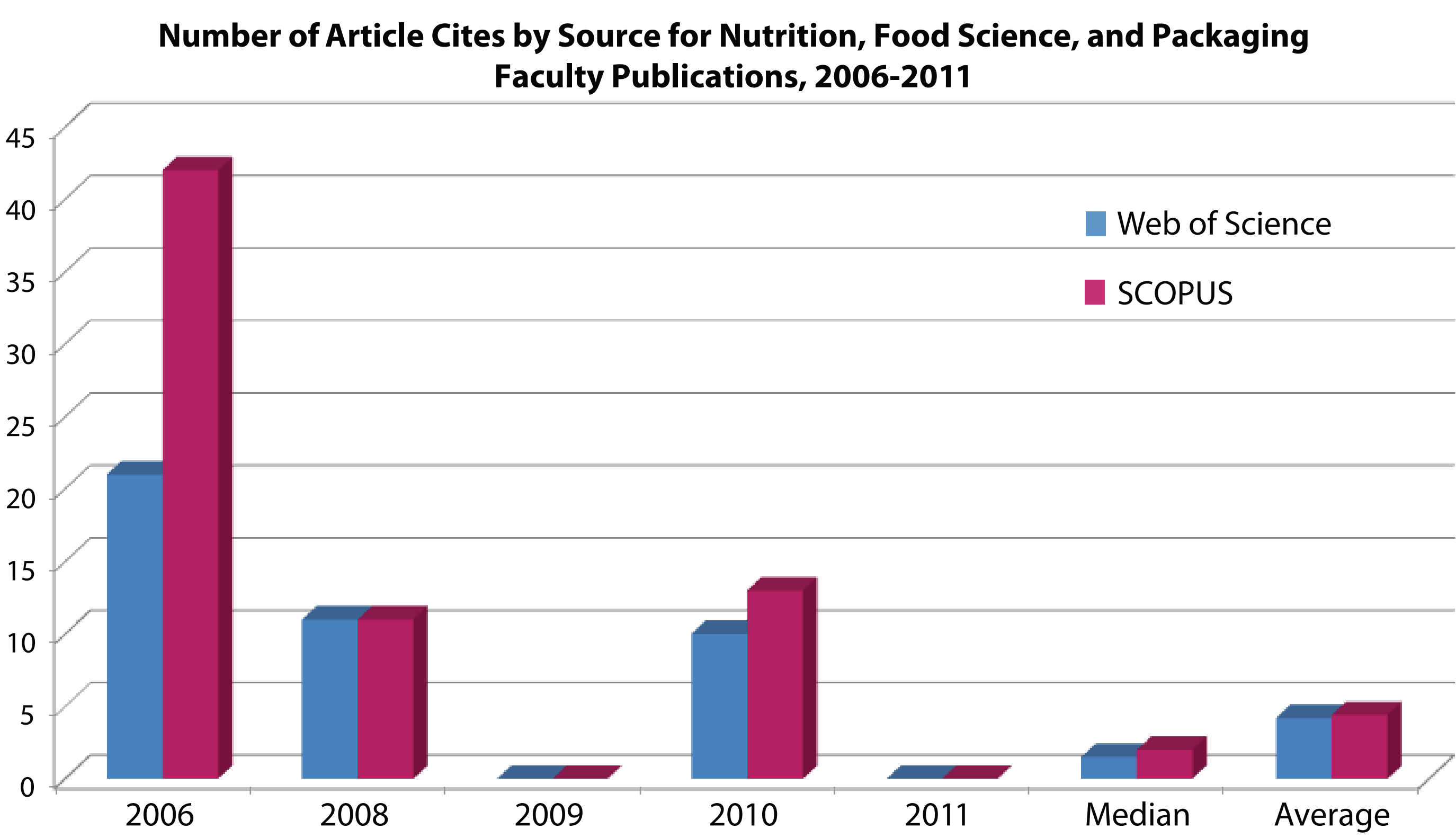
Productivity: Number of Articles Published, 2006-2011



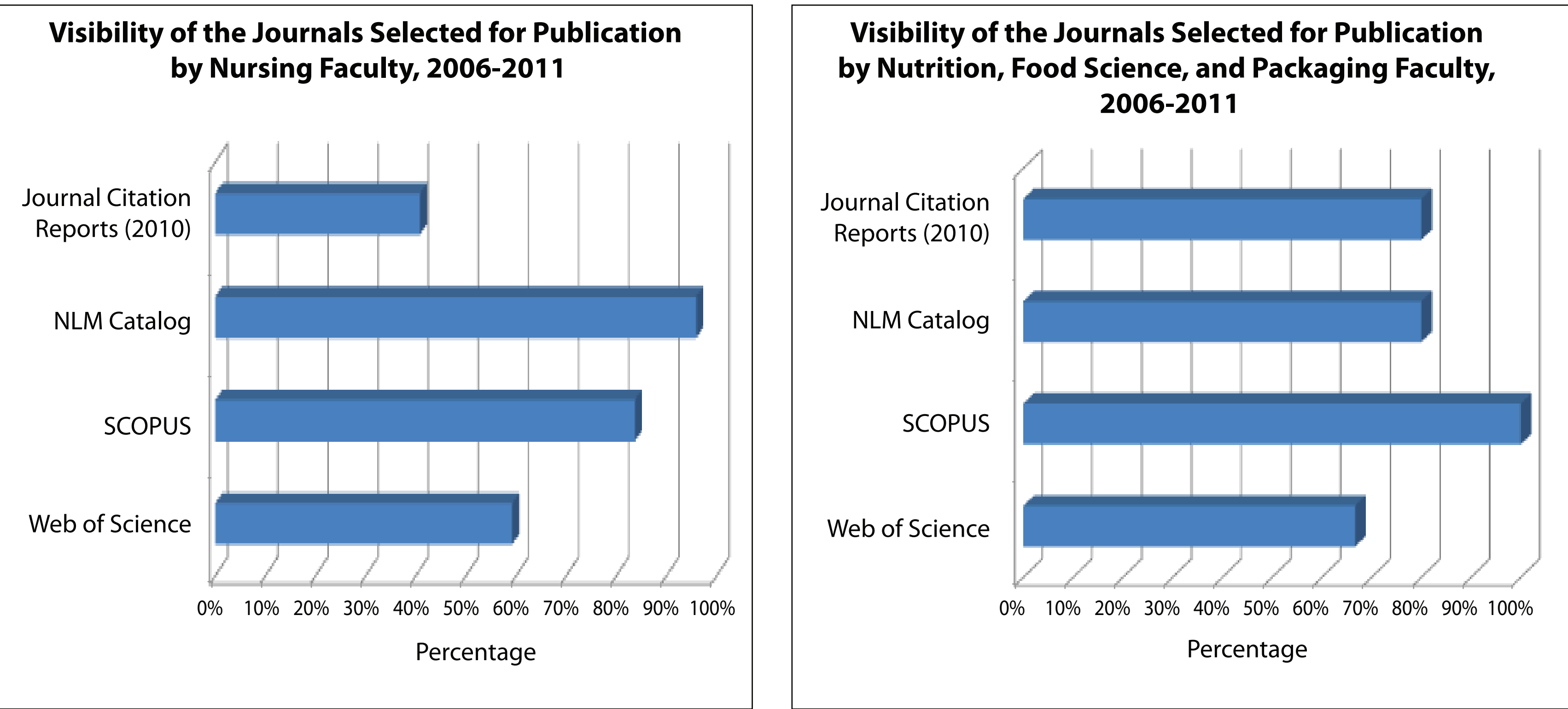
Nursing Faculty Publications' Influence



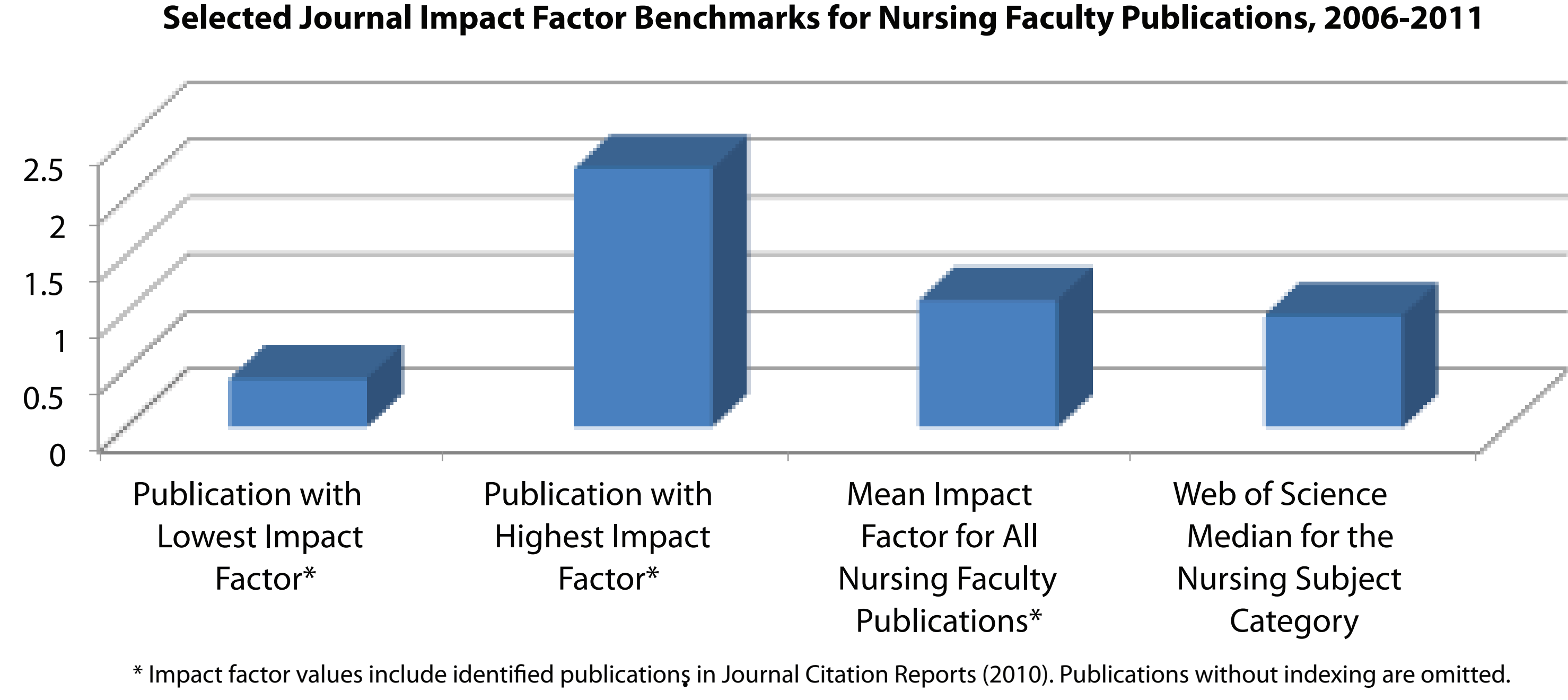
Nutrition, Food Science, and Packaging Faculty Publications' Influence



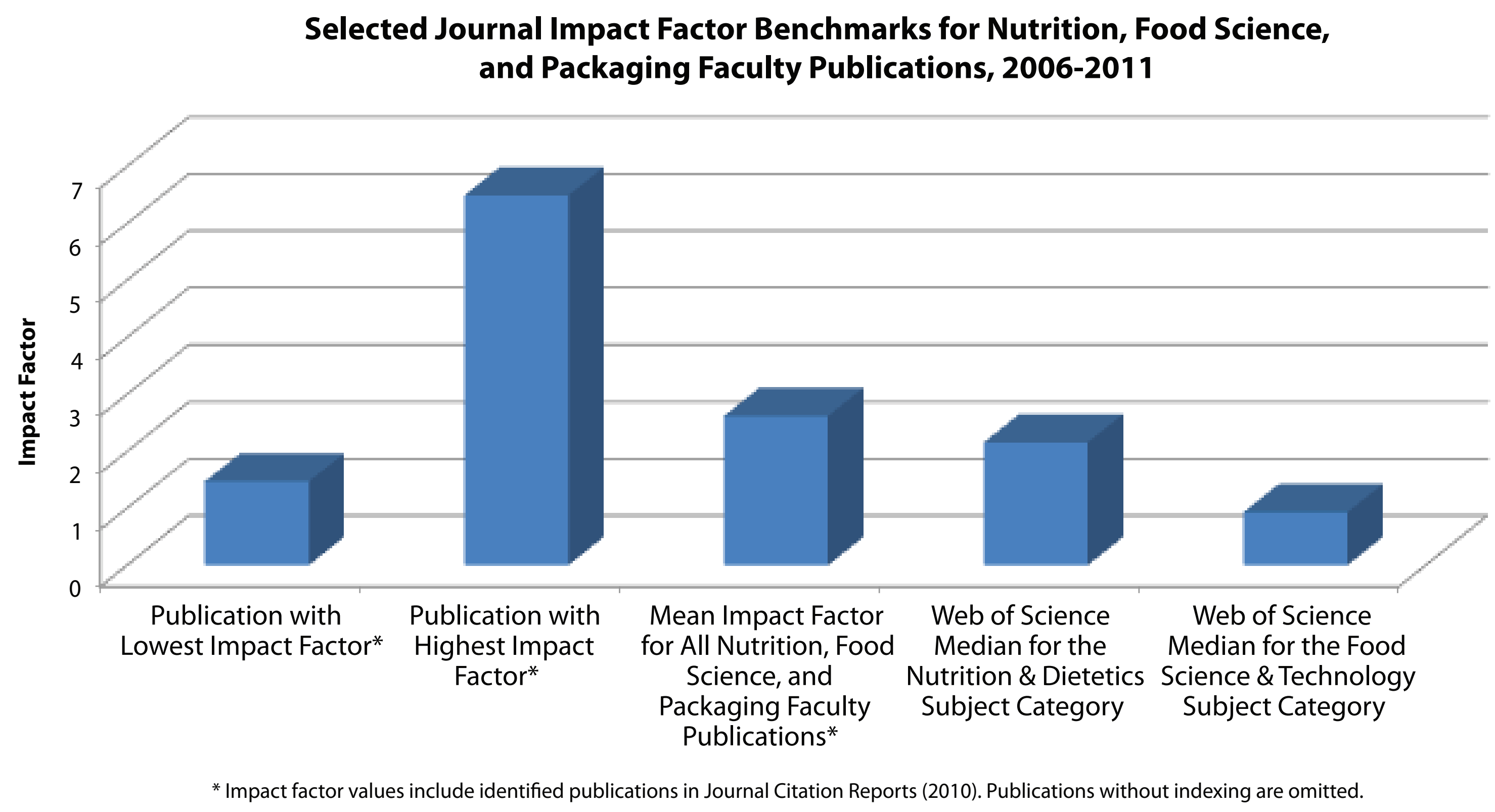
Visibility (in WoS, SCOPUS, NLM Catalog, and JCR)



Journal Impact Factor Benchmarks for Nursing Faculty Publications



Journal Impact Factor Benchmarks for Nutrition, Food Science, and Packaging Faculty Publications

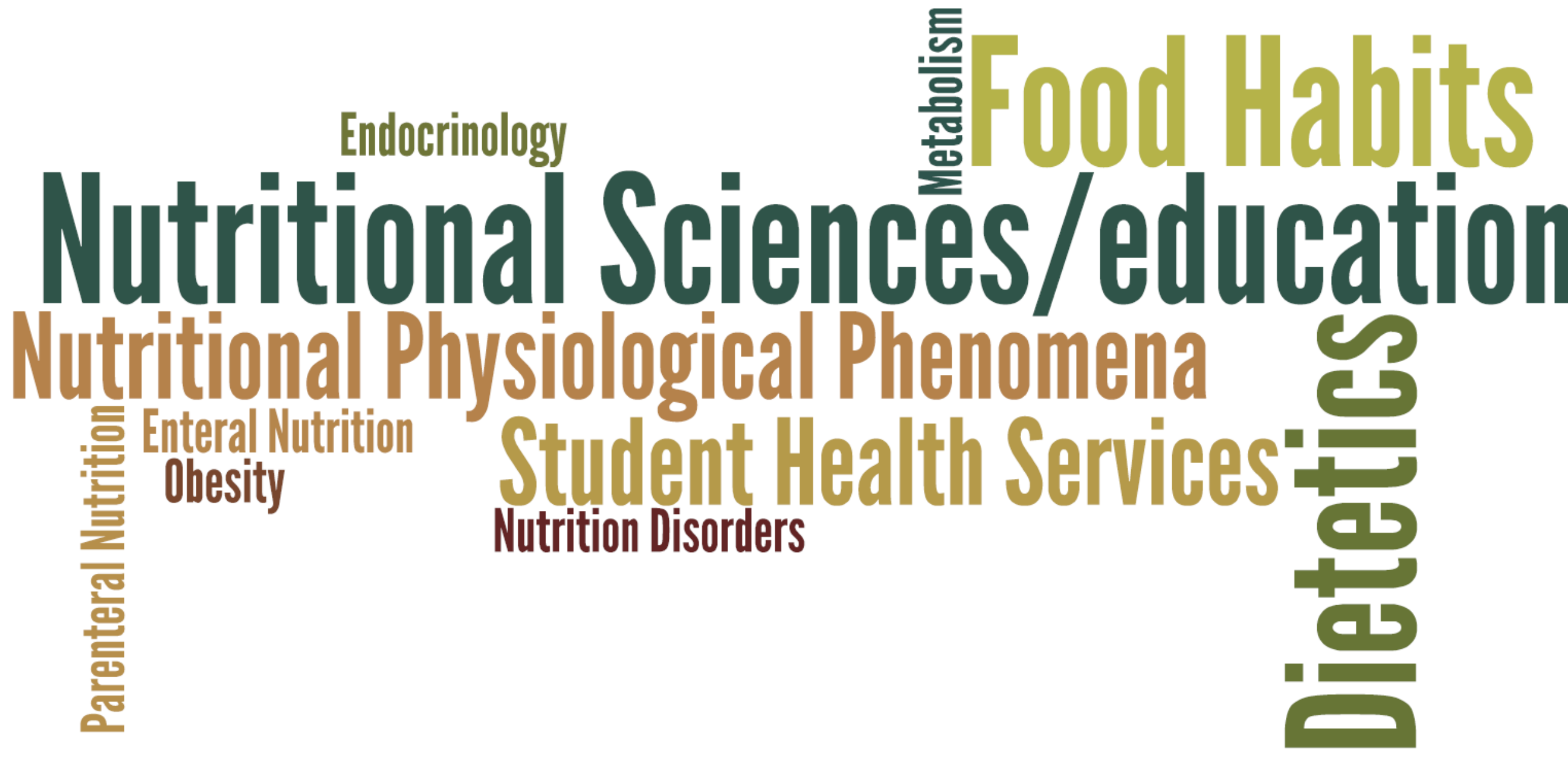


Nursing Knowledge Areas



Visualized by Wordle

Nutrition, Food Science, and Packaging Knowledge Areas



Visualized by Wordle

CONCLUSIONS

- Despite fluctuations in faculty numbers, these programs/departments are highly productive
- Scholarly and research output may be a by-product of the retention, promotion, and tenure process inherent to academic institutions
- Faculty expertise spanned a wide range of knowledge areas
- The Nursing faculty primarily published in Journal of Nursing Care Quality
- The Nutrition, Food Science, and Packaging faculty primarily published in the Journal of Foodservice Business Research and Journal of the American Dietetic Association
- Nursing faculty publications' impact factor was higher than the Web of Science Nursing median (SJSU-1.137 vs. WoS-0.970)
- Nutrition, Food Science, and Packaging faculty publications' impact factor was higher than the Web of Science Nutrition & Dietetics and Food Science & Technology subject category median impact factors. (SJSU-2.624 vs. 2.162 and 0.930, respectively)
- SCOPUS provides greater coverage and discoverability of San José State's Nursing and Nutrition, Food Science, and Packaging faculty publications

FUTURE AREAS OF RESEARCH

- Expand consulted resources and include Google Scholar
- Analyze any connections between productivity and faculty rank and status
- Analyze any connections between grant funding and productivity
- Identify collaborations at the intra- and inter-University levels
- Expand the years of analysis for greater data extrapolation