



KNOWLEDGE ABOUT THE INFLUENZA PANDEMIC AMONG HEALTH CARE PROFESSIONALS IN GREEK HOSPITALS

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INTRODUCTION

- Influenza pandemic is a major challenge for health services
- Crucial role of health care professionals
- High level of knowledge among health care professionals is necessary
- Hellenic Network of Health Promoting Hospitals and Health Services: 31 hospitals

OBJECTIVE

To study knowledge regarding the influenza pandemic, its mode of transmission and its common symptoms among health care professionals in Greek hospitals.

METHODS

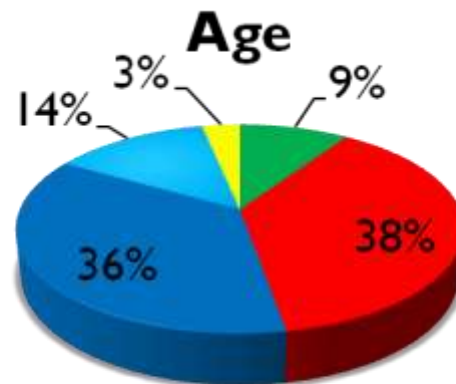
- May - September 2009
- 11 hospitals
- 758 health care professionals
- Self-completed questionnaire
- Response rate: 60,1%

STATISTICAL ANALYSIS

- Between groups comparisons: chi-square test and Kruskal-Wallis test
- Knowledge scale
 - +1 for each correct answer
 - 0 for each unanswered question
 - -1 for each wrong answer
 - Possible values: -16 to +16

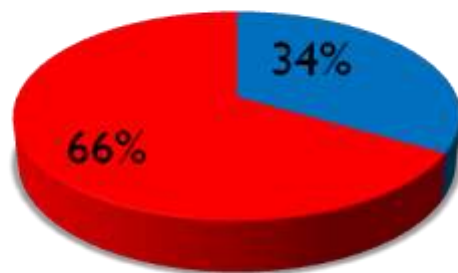
RESULTS

DEMOGRAPHICS



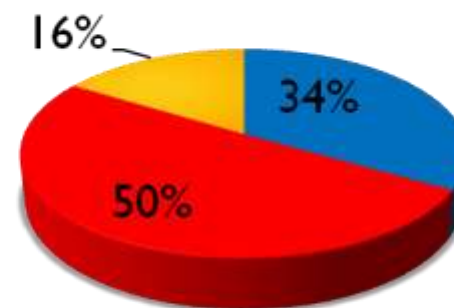
■ 20-29 ■ 30-39 ■ 40-49 ■ 50-59 ■ 60-69

Gender



■ Male ■ Female

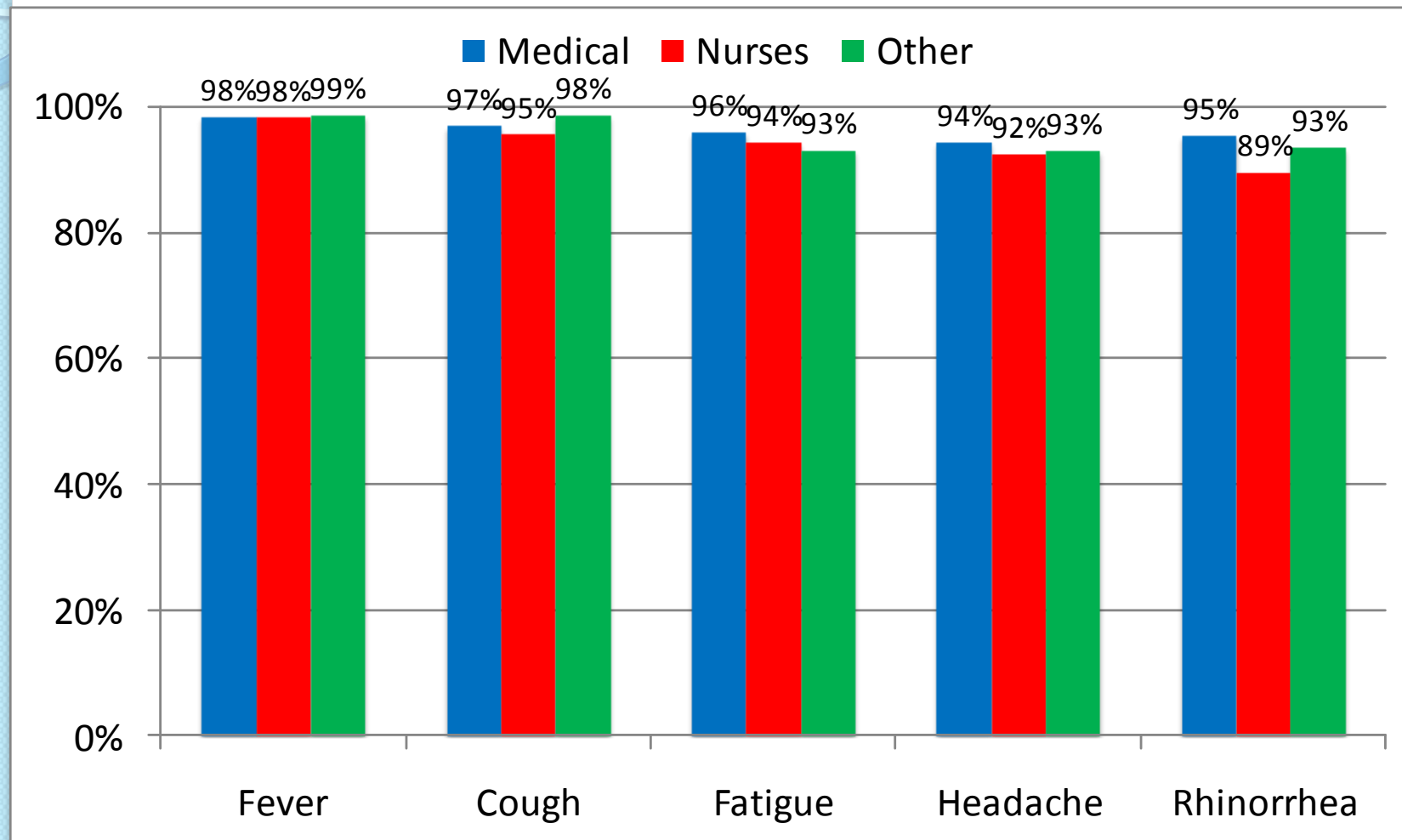
Staff category



■ Medical ■ Nurses ■ Other

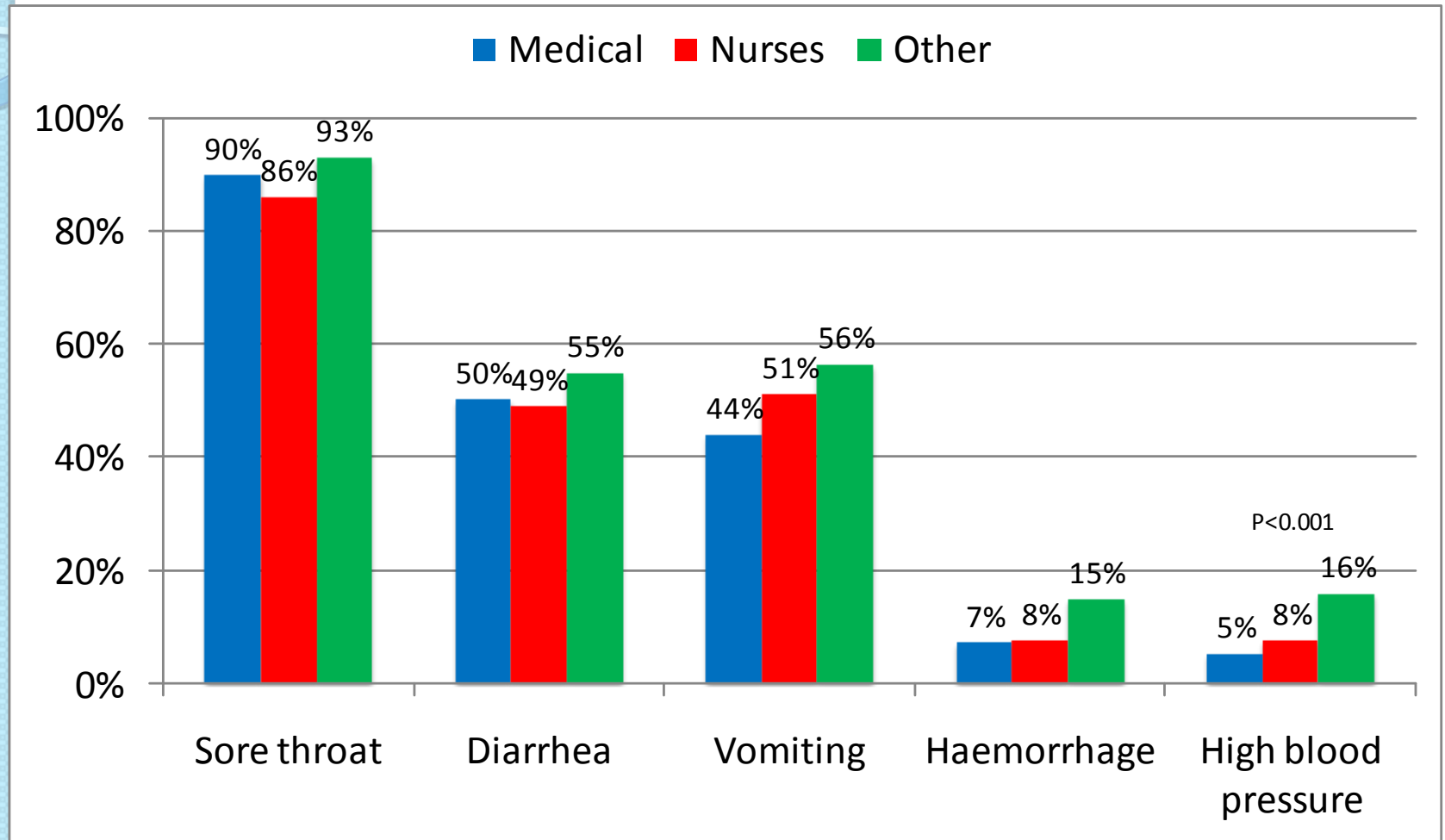
RESULTS

KNOWLEDGE - SYMPTOMS I



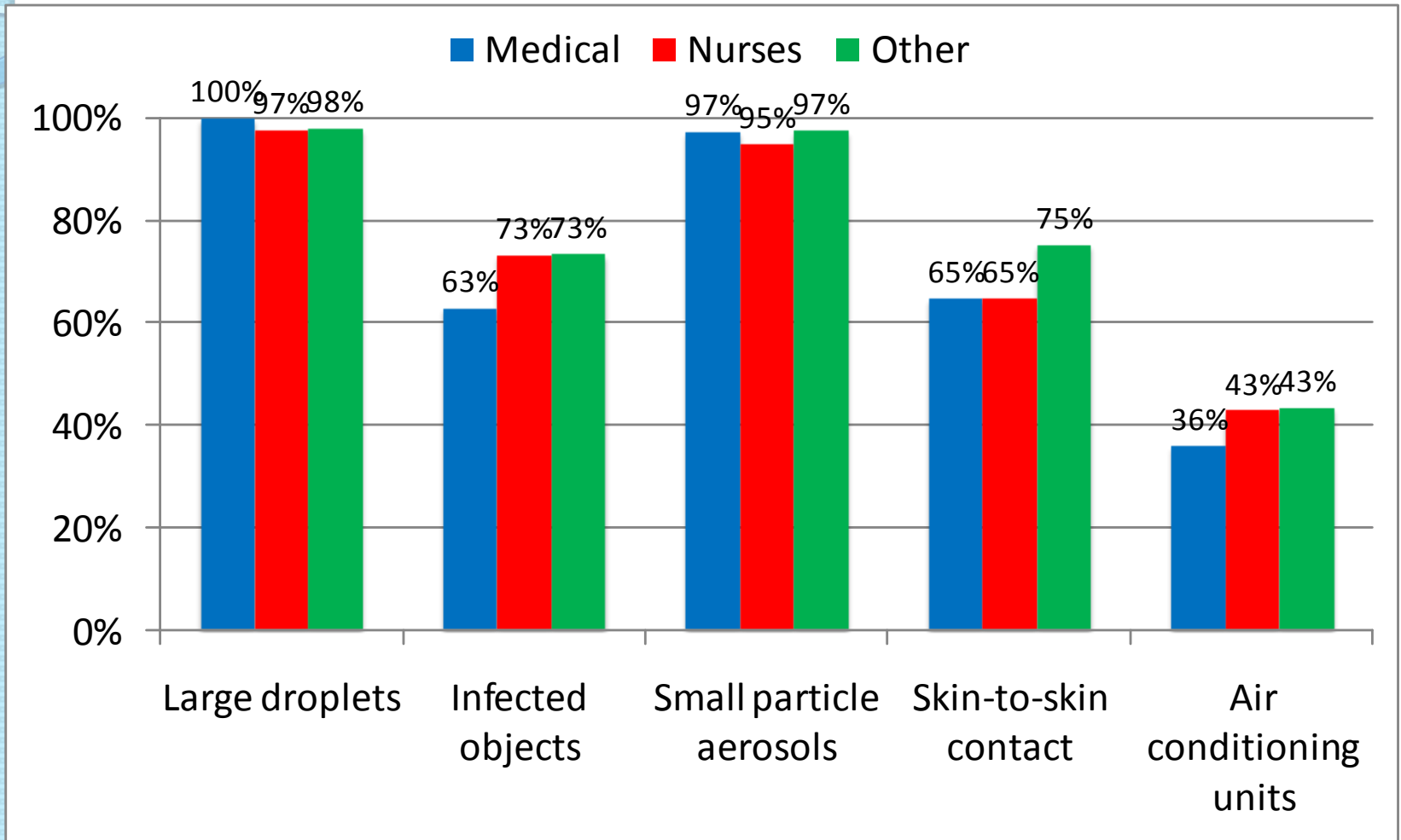
RESULTS

KNOWLEDGE - SYMPTOMS II



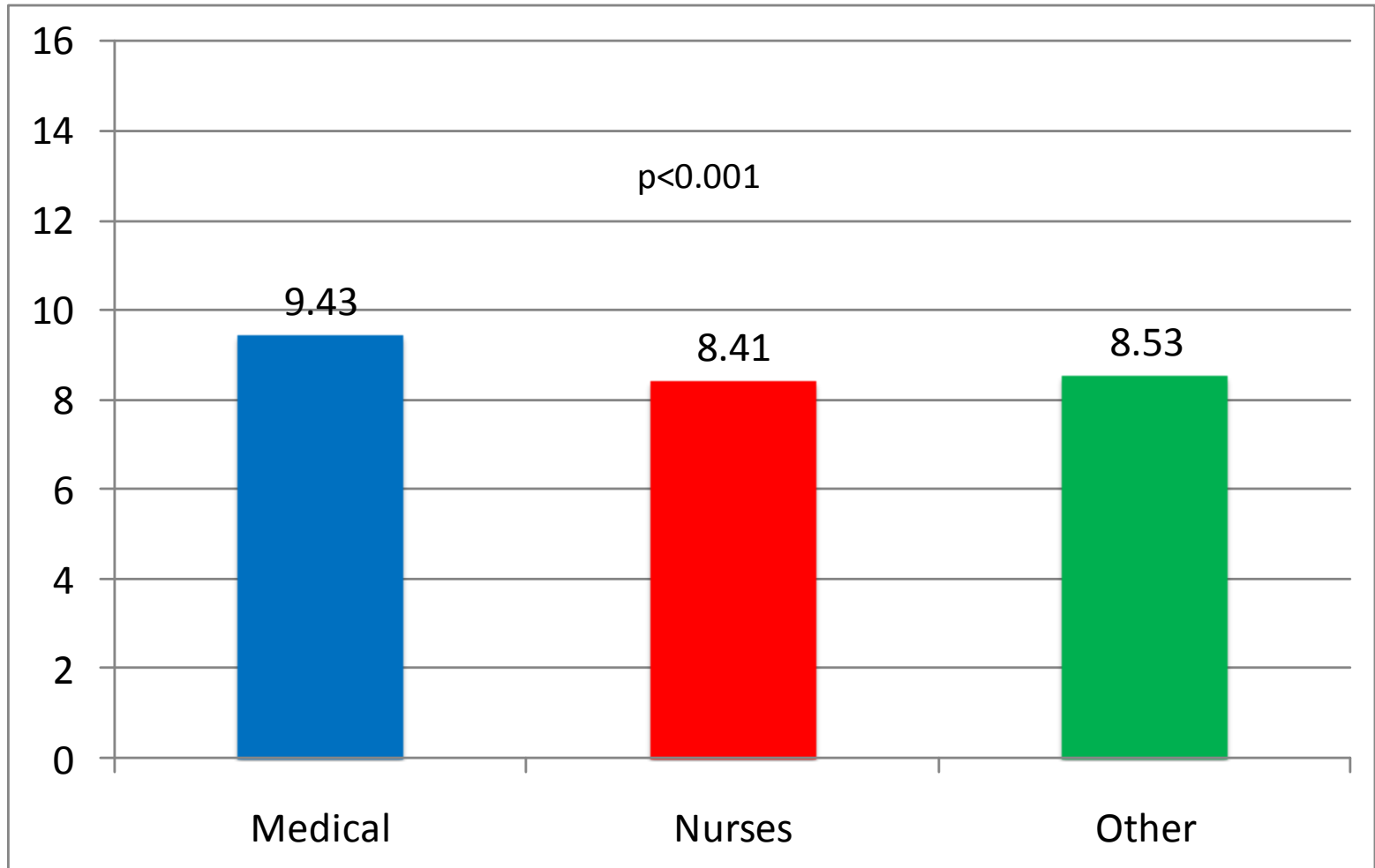
RESULTS

KNOWLEDGE - MODE OF TRANSMISSION



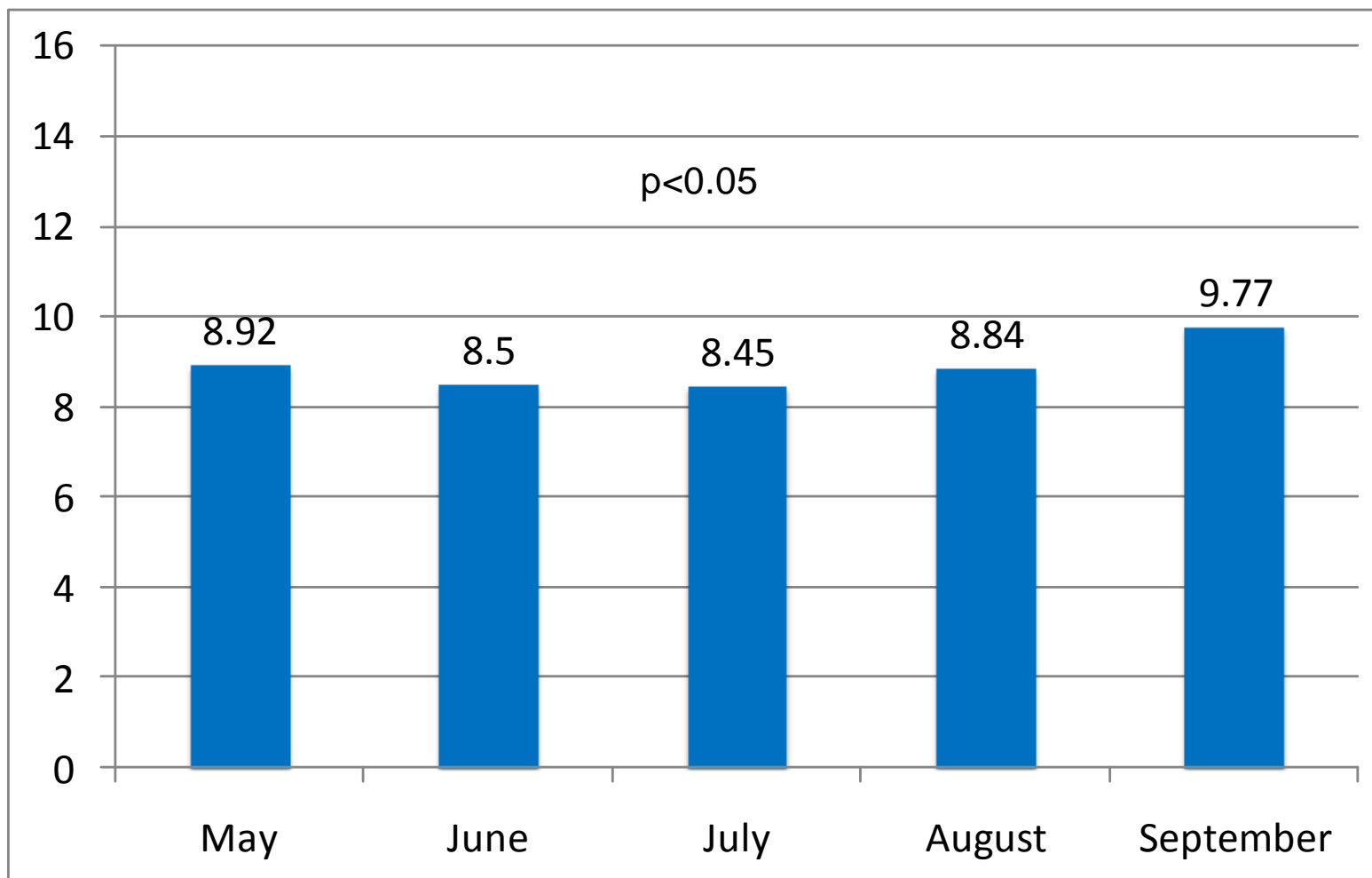
RESULTS

KNOWLEDGE SCALE I



RESULTS

KNOWLEDGE SCALE II



DISCUSSION

- Representative sample?
- Hospital-specific results
- Change over time
- Unweighted knowledge scale
- Knowledge is necessary, but not always sufficient

CONCLUSION

- Satisfactory level of knowledge regarding common influenza symptoms
- Inadequate knowledge of modes of transmission
- Improvement of knowledge over time
- Need for focused interventions

Thank you

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