

Investigation into Responses for the Occupational Requirement Survey

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Federal Committee on Statistical Methodology
03.09.2018

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and do not constitute policy of the Bureau of Labor Statistics.*

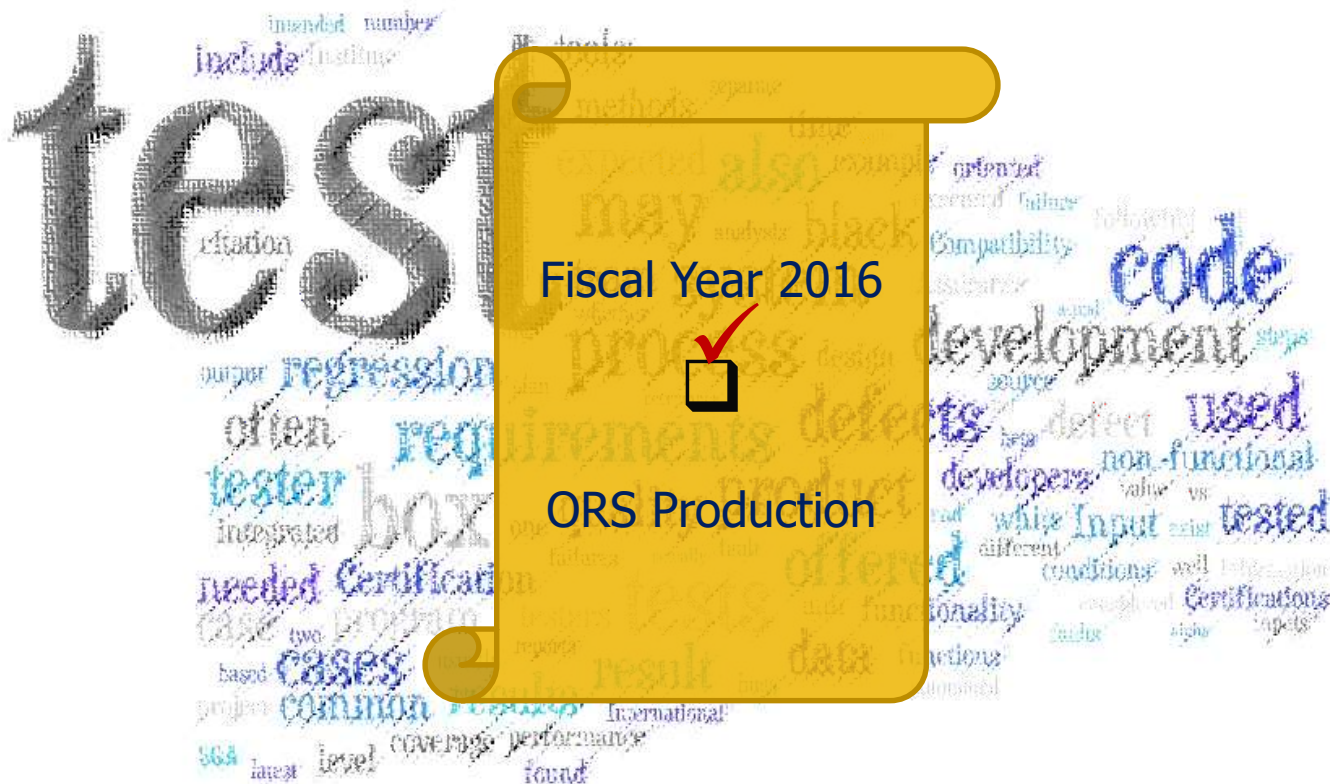


Overview

- Introduction to the Occupational Requirements Survey (ORS)
- Calculation of Response Rates
- Response Rates Results

Introduction to the ORS

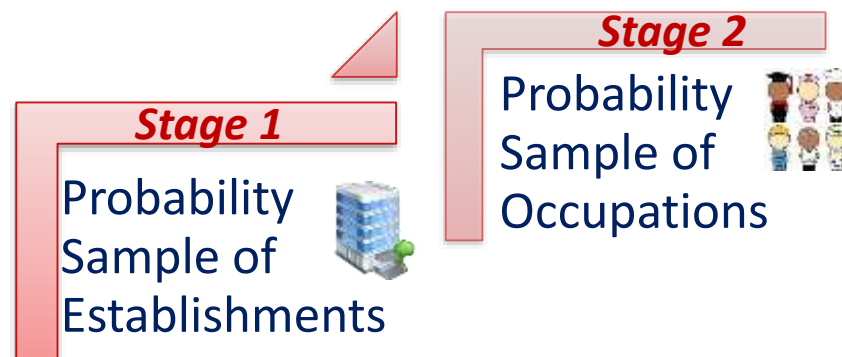
■ Brief background



Introduction to the ORS

- Brief background
- ORS Production Sample

A Complex 2-Stage Stratified Design with probability proportionate to employment size (PPS) sampling at each stage.



Introduction to the ORS

- Brief background
- ORS Production Sample
- Response Status Codes

OOB

(Out-of-Business)



Establishment

OOS

(Out-of-Scope)

USE

(Usable)

REF

(Refusal)

NMJJ

(No-matching-Job)



Occupation

Introduction to the ORS

- Brief background
- ORS Production Sample
- Response Status Codes

~70 ORS elements

- ▶ Physical Demands of Work
- ▶ Environmental Conditions
- ▶ Specific Vocational Preparation
- ▶ Mental and Cognitive Demands of Work

KN
(Known)

PU
(Present,
Unknown)

UK
(Unknown)

NP
(Not Present)



ORS Element

Overview

- Introduction to the Occupational Requirements Survey (ORS)
- Calculation of Response Rates
- Response Rates Results

Calculation of Response Rates

■ Types of Units

▶ Establishment



▶ Occupational



▶ ORS Element



Calculation of Response Rates

- Types of Units
- Response Rate

(For Establishment & Occupational Data)

$$= \text{USE} / (\text{USE} + \text{REF})$$

(For ORS Element Data)

$$= (\text{KN} + \text{PU} + \text{NP}) / (\text{KN} + \text{PU} + \text{NP} + \text{UK})$$

(For ORS Element Duration Data)

$$= (\text{KN}) / (\text{KN} + \text{PU})$$



Calculation of Response Rates

- Types of Units
- Response Rate
 - ▶ Unweighted Data vs. Weighted Data
- Levels of Details
 - ▶ Establishment Size Class
 - ▶ Ownership
 - ▶ Aggregate Industries

Size Class	Employment Size
1	Few than 50 Employees
2	Between 50 and 99 Employees
3	Between 100 and 499 Employees
4	500 Employees or more



Overview

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Response Rate Results

■ Establishment Unit



YEAR 1

YEAR 2

■ Occupational Unit



YEAR 1

YEAR 2

■ ORS Element Unit



YEAR 1

YEAR 2

		Weighted	Unweighted
YEAR 1		8,477 Establishments	
YEAR 2		10,000 Establishments	
YEAR 1		29,581 Occupations (4,998 Estabs)	
YEAR 2		42,141 Occupations (7,295 Estabs)	
		<i>All items</i> <i>Durations</i>	<i>All items</i> <i>Durations</i>
YEAR 1		24,011 Occupations (4,998 Estabs)	
YEAR 2		37,119 Occupations (7,295 Estabs)	

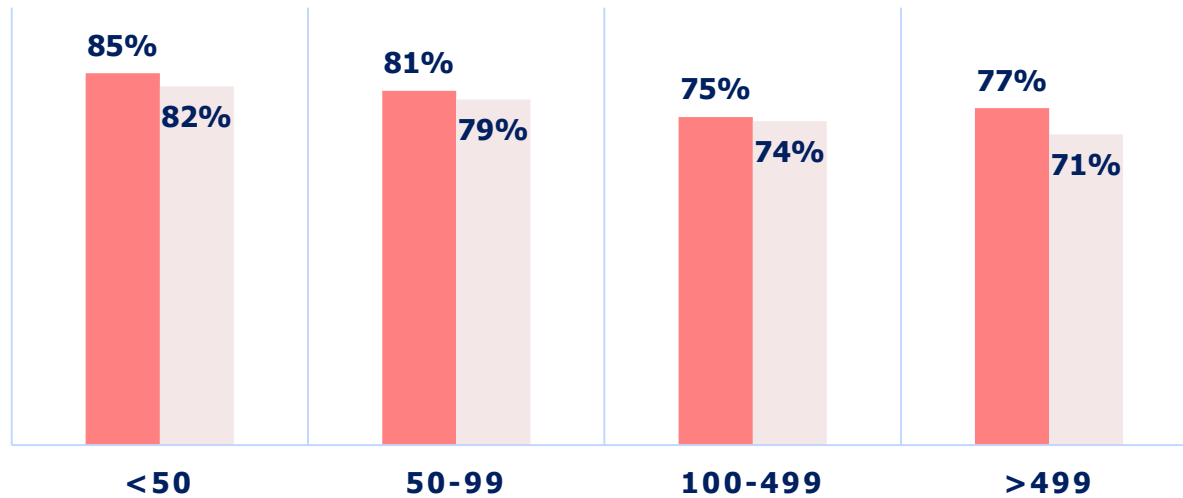
Response Rate Results

■ Establishment Unit



■ YEAR 1
■ YEAR 2

Weighted	
YEAR 1	80%
YEAR 2	77%



ESTABLISHMENT SIZE CLASS



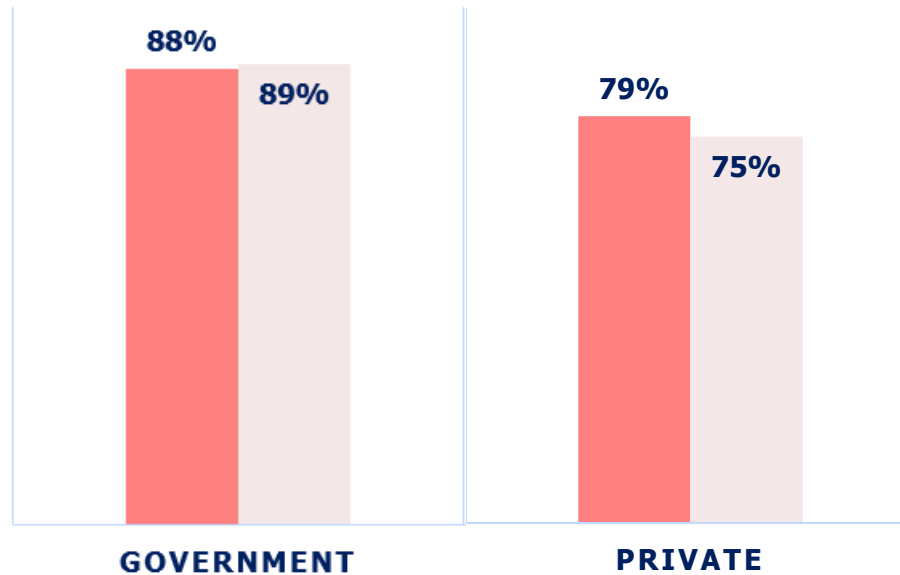
Response Rate Results

■ Establishment Unit



■ YEAR 1
■ YEAR 2

Weighted	
YEAR 1	80%
YEAR 2	77%



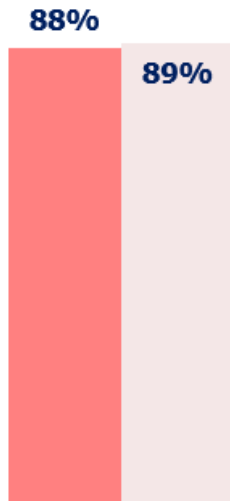
OWNERSHIP

Response Rate Results

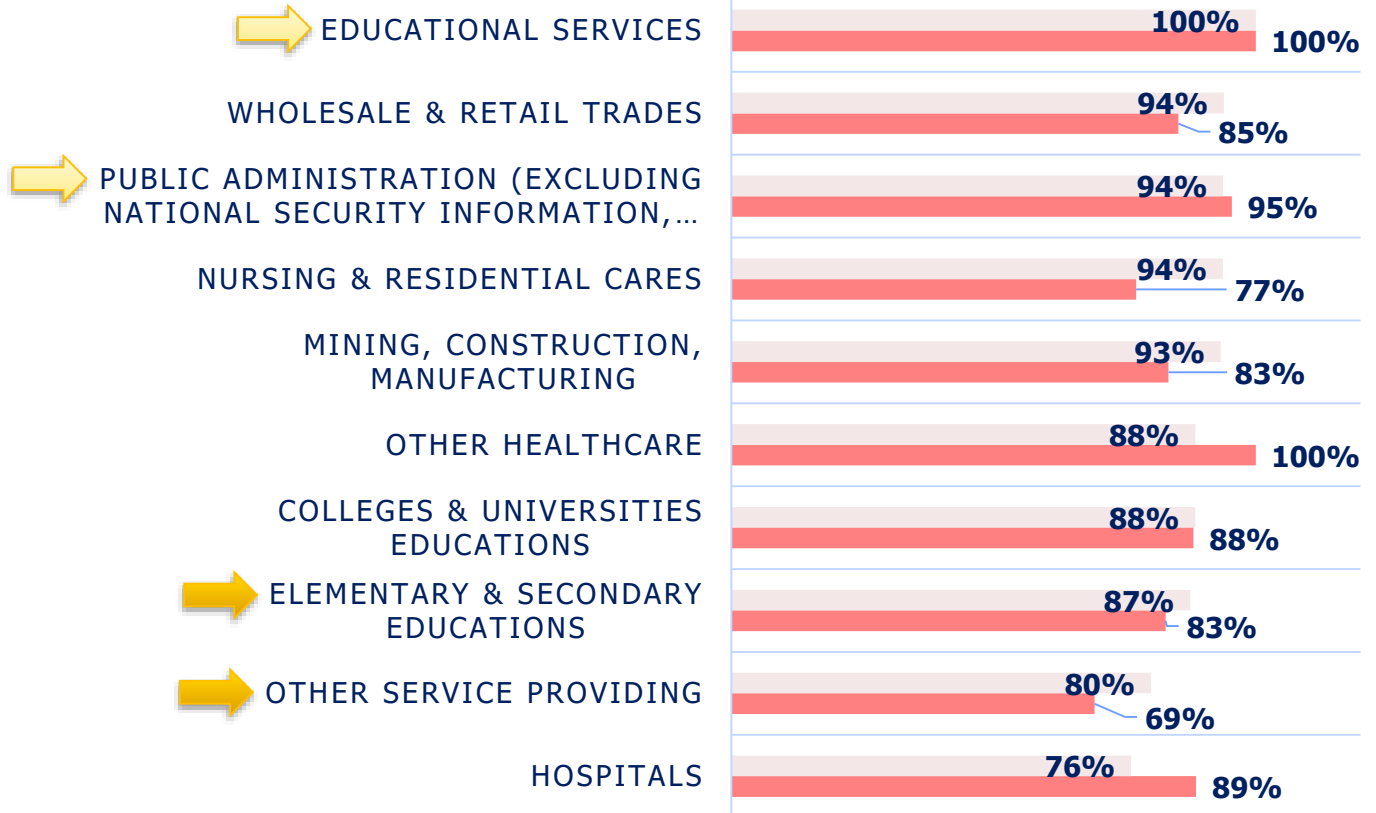
■ Establishment Unit



■ YEAR 1
■ YEAR 2



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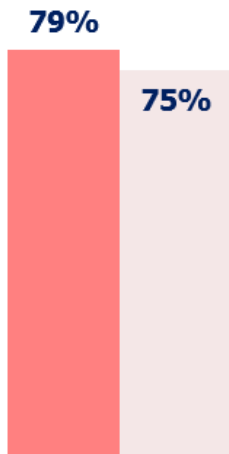


Response Rate Results

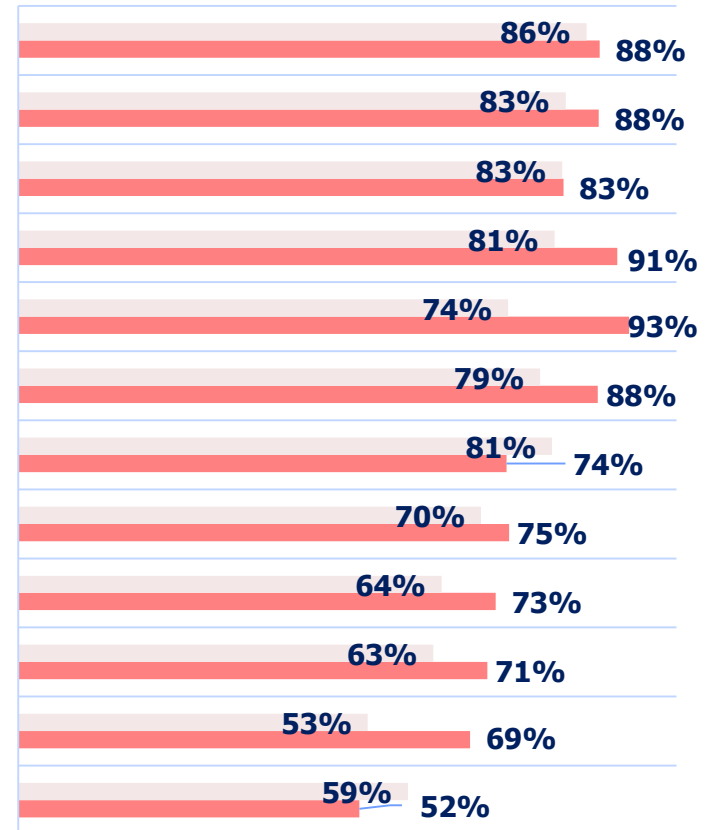
■ Establishment Unit



■ YEAR 1
■ YEAR 2



PRIVATE



Response Rate Results

■ Occupational Unit



■ YEAR 1
■ YEAR 2

Weighted	
YEAR 1	88%
YEAR 2	90%



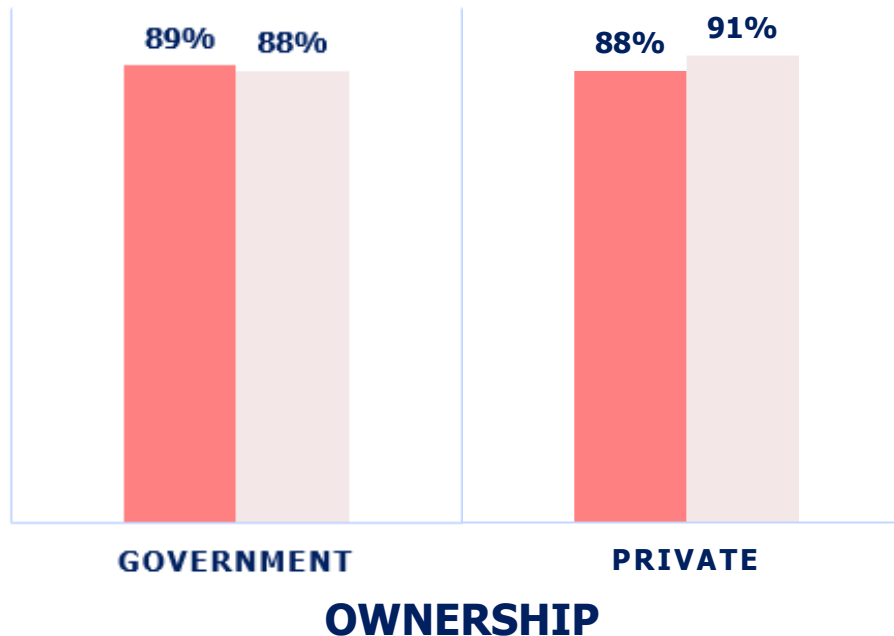
Response Rate Results

Occupational Unit



■ YEAR 1
■ YEAR 2

Weighted	
YEAR 1	88%
YEAR 2	90%

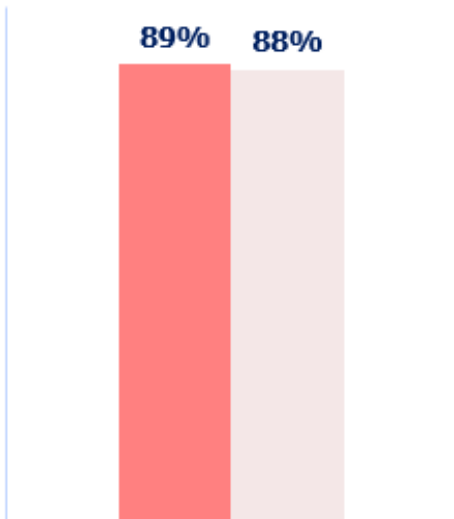


Response Rate Results

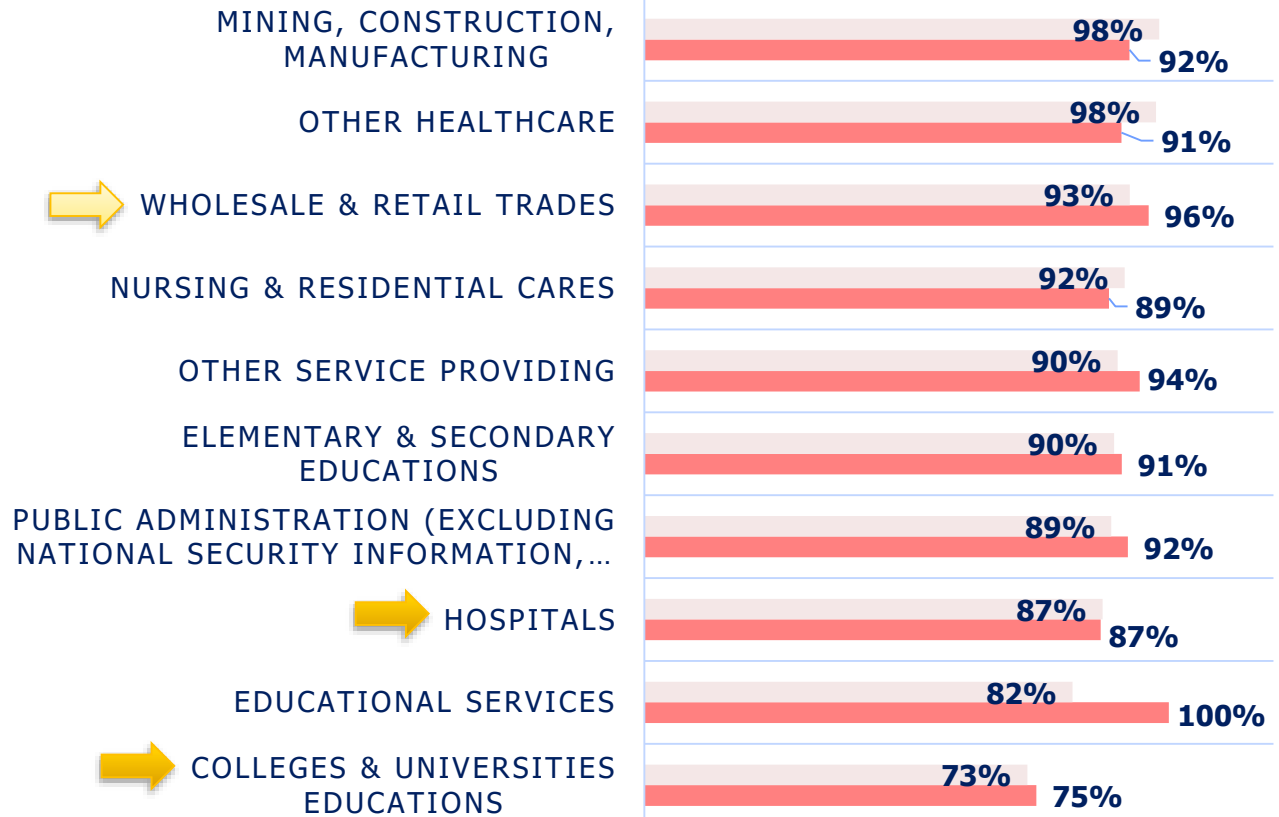
Occupational Unit



■ YEAR 1
■ YEAR 2



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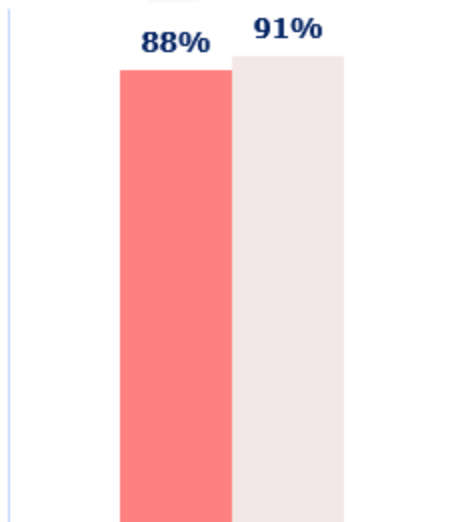


Response Rate Results

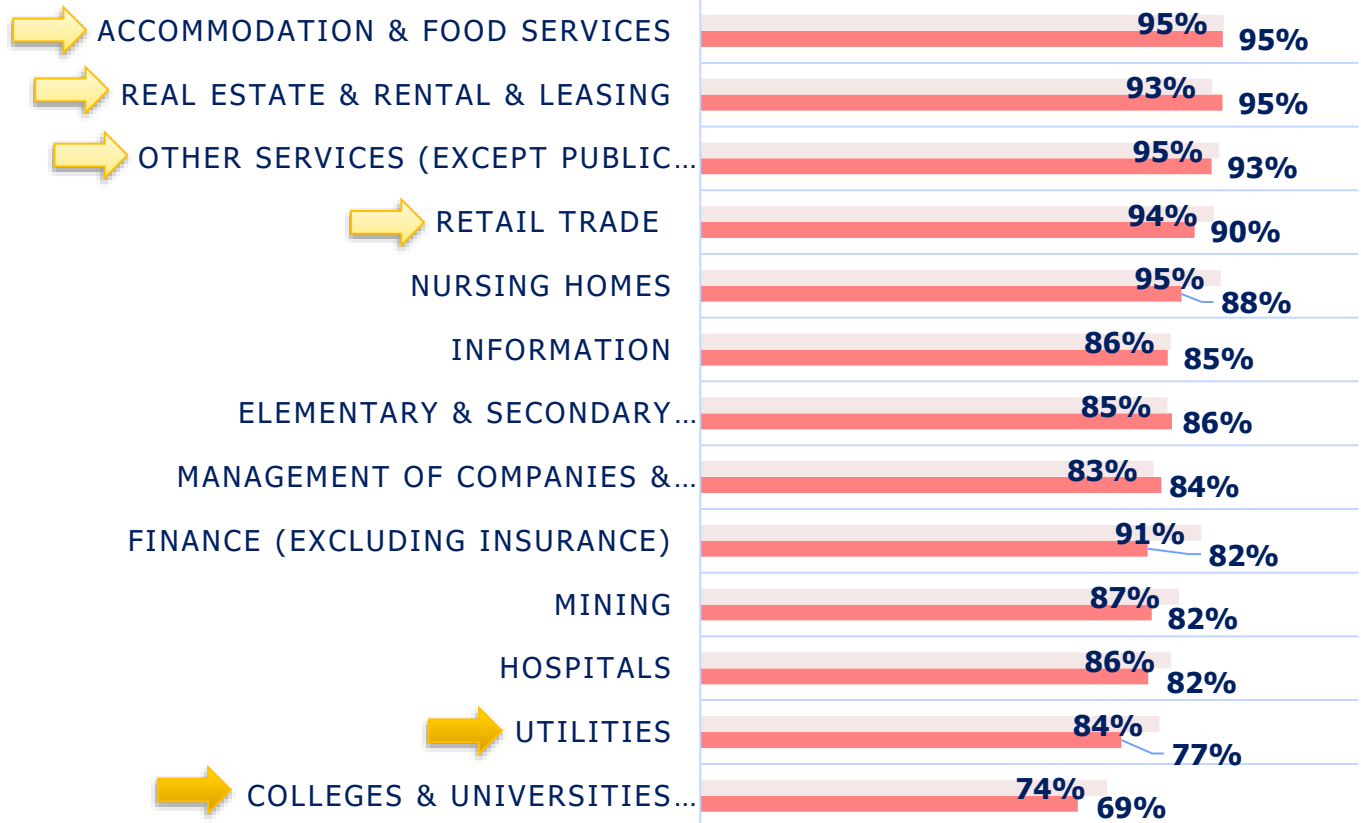
Occupational Unit



■ YEAR 1
■ YEAR 2



PRIVATE



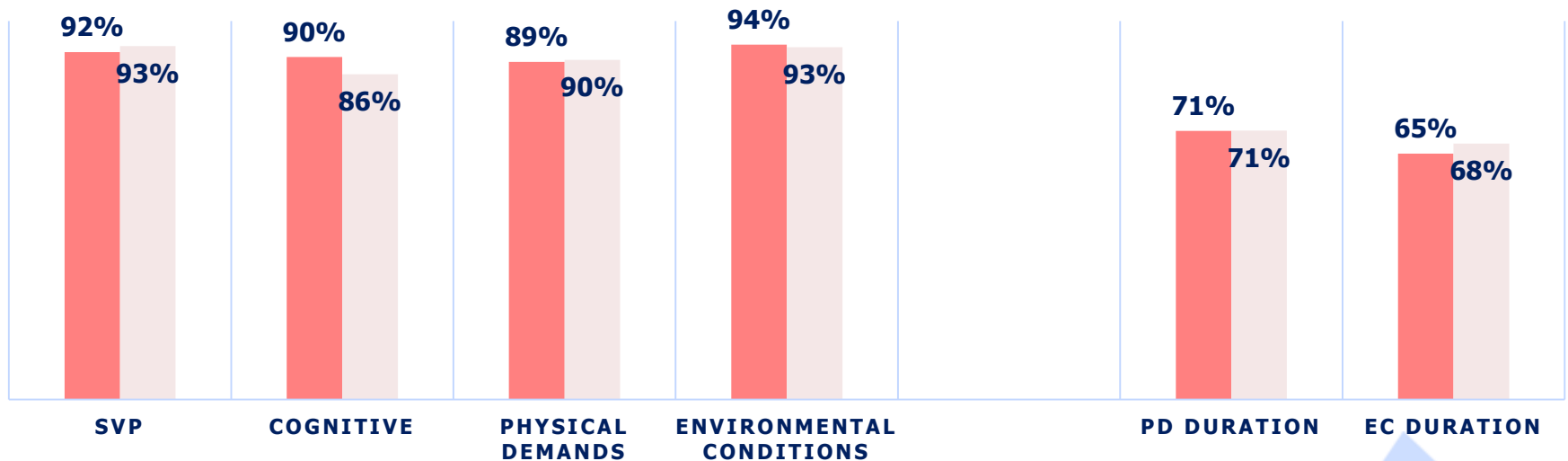
Response Rate Results

■ ORS Element Unit



■ YEAR 1
■ YEAR 2

Weighted	
YEAR 1	90%
YEAR 2	93%



Response Rate Results

■ ORS Element Unit



■ YEAR 1
■ YEAR 2

ORS Categories

SVP

Cognitive

Physical

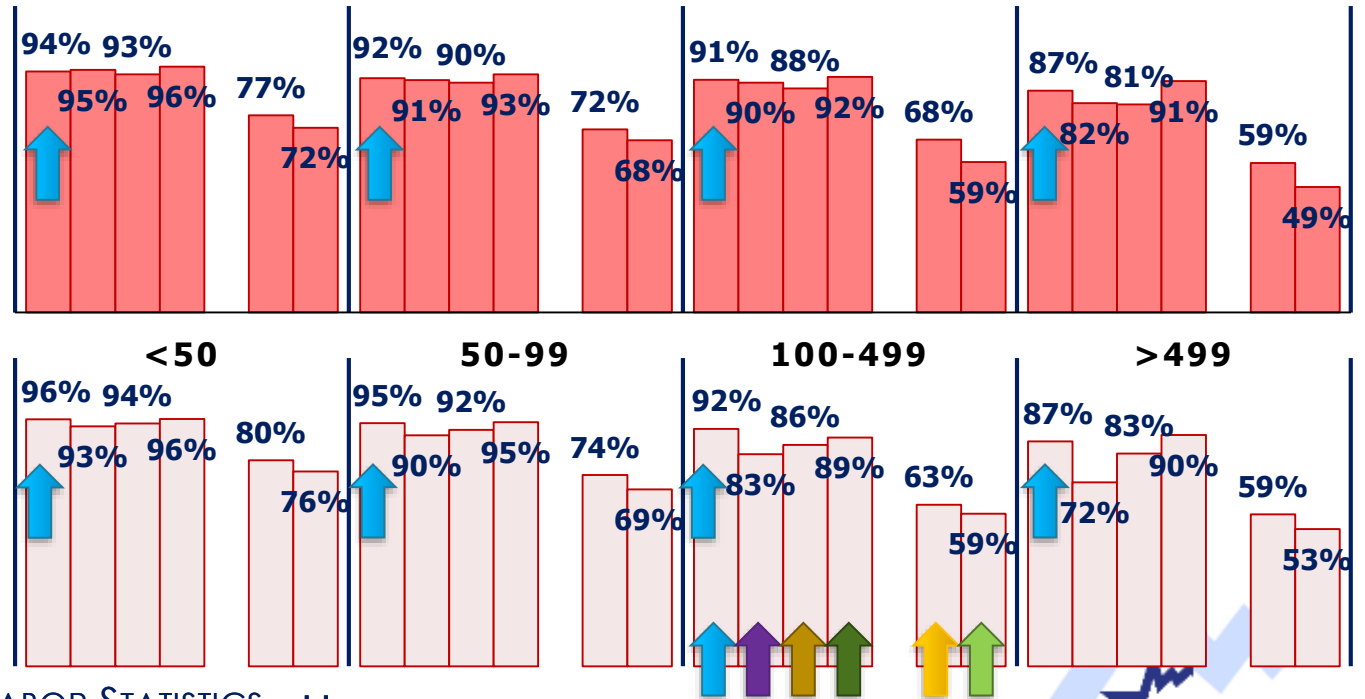
Demands

- duration

Environmental

Conditions

- duration



Response Rate Results

■ ORS Element Unit



■ YEAR 1
■ YEAR 2

ORS Categories

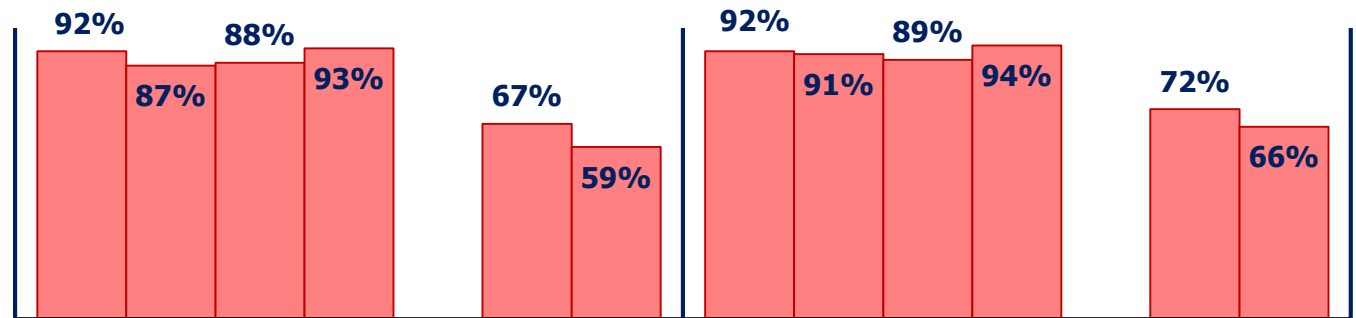
SVP

Cognitive

Physical

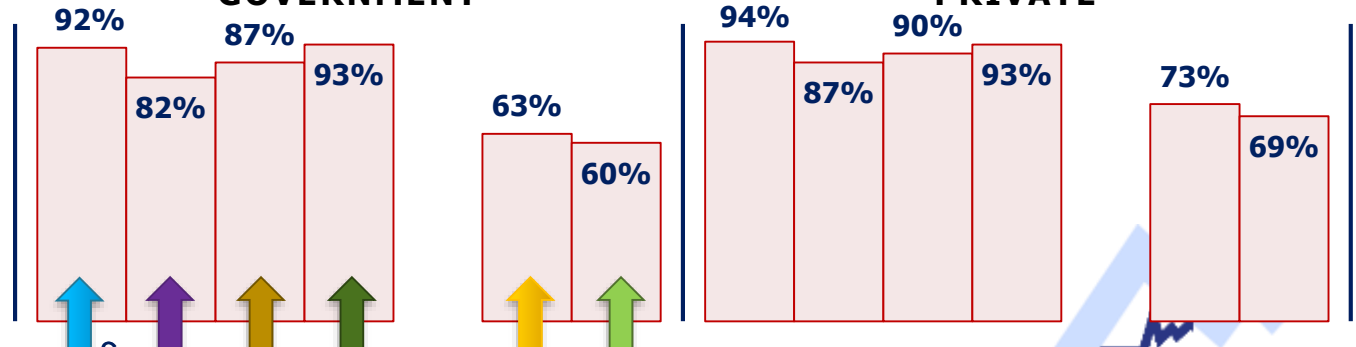
Demands
- duration

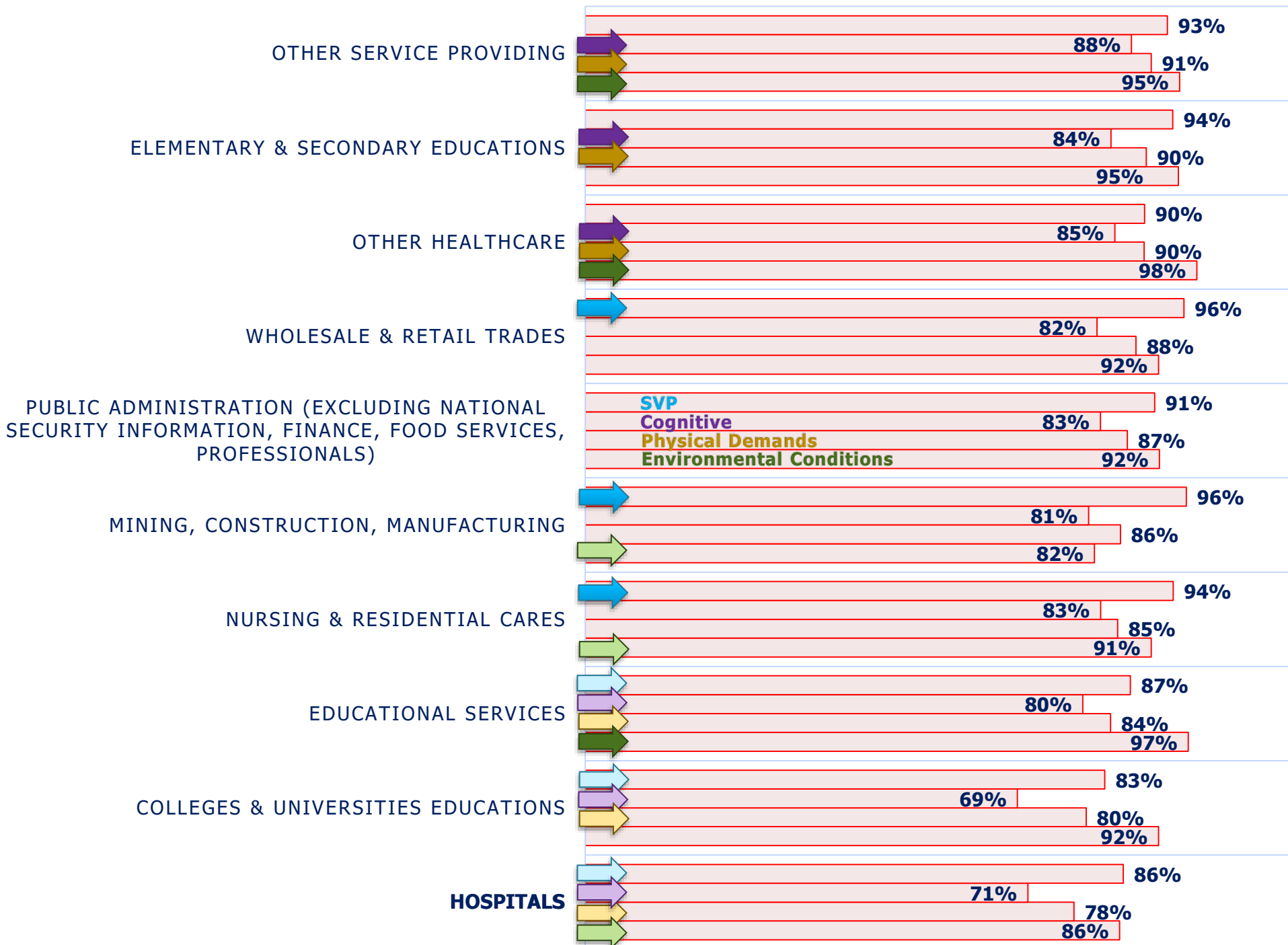
Environmental
Conditions
- duration

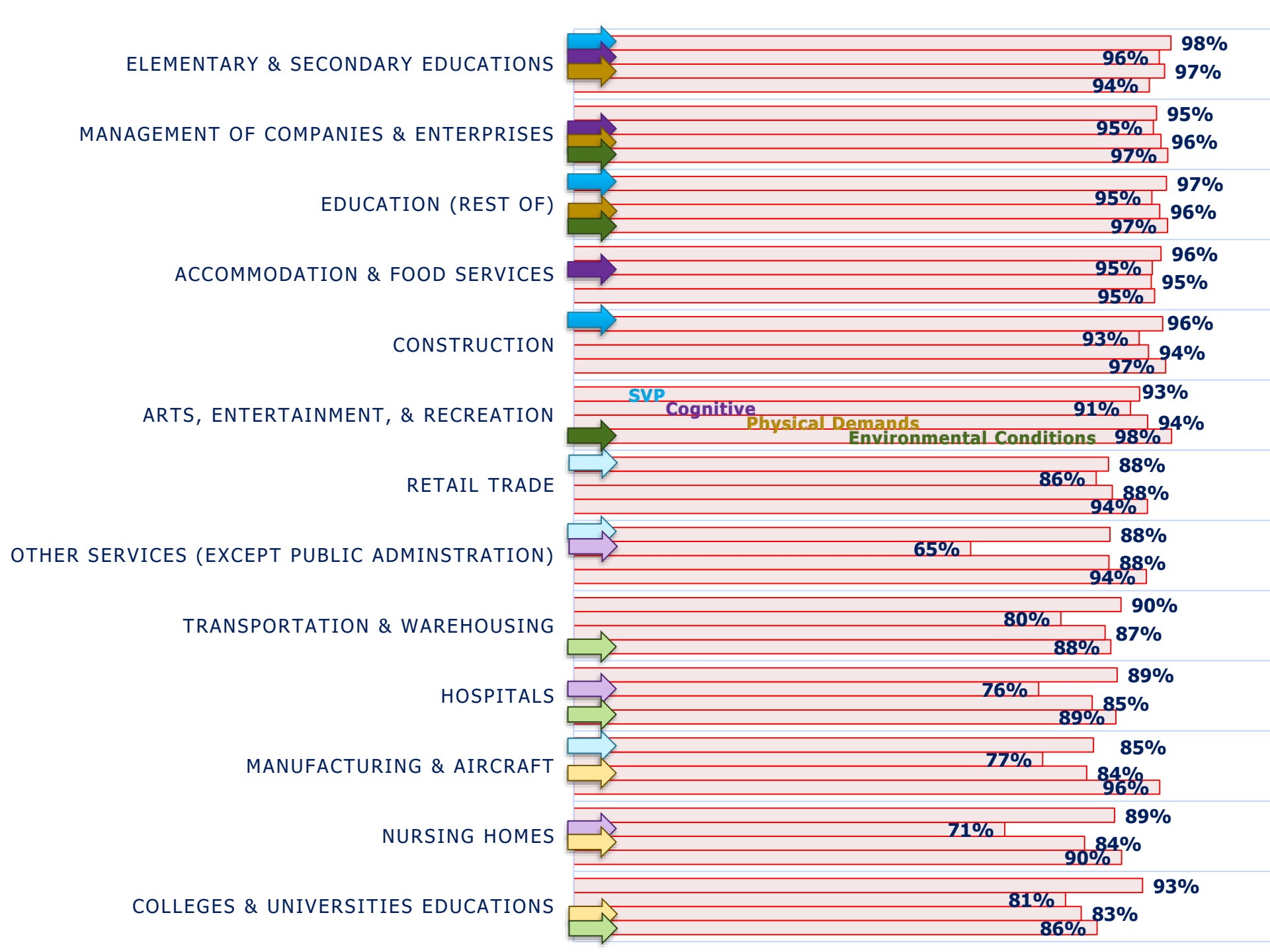


GOVERNMENT

PRIVATE







Ongoing Research

- Comparison between respondent with more completed data and less completed data
- Examine the effect of imputation for estimates

Contact Information

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