

California Architects Board Meeting

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This is what we do:

Provide professional psychometric expertise in examination development and validation services to DCA's boards, bureaus, and committees.



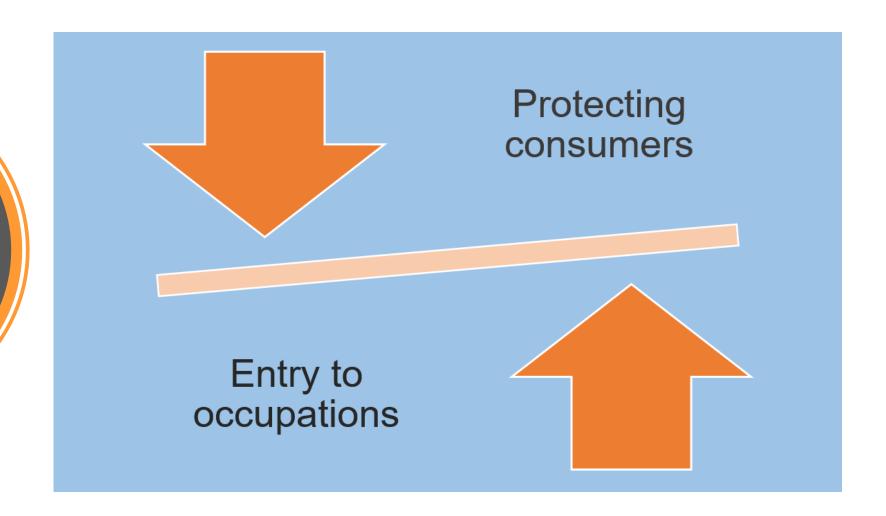
These are the Regulations, Standards, and Guidelines we follow:

- **➢ Business and Professions Code section 139**
- Principles for the Validation and Use of Personnel Selection Procedures (Society for Industrial and Organizational Psychology)
- Standards for Educational and Psychological Testing
 (American Educational Research Association, American
 Psychological Association, National Council on Measurement in Education)

California Licensed Architects National and State Examinations



Finding a balance through valid examinations

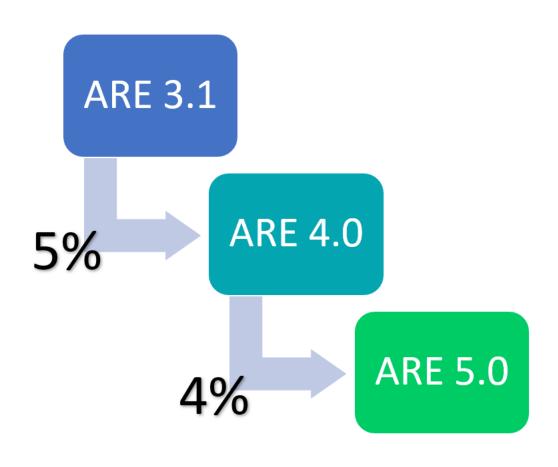


Some insights into the ARE pass rates



- Pass rate is higher (overall and for all divisions) for candidates who graduated from programs accredited by the National Architectural Accrediting Board (NAAB)
- Pass rate is higher for ARE 4.0, lower for ARE 5.0
- Pass rate varies by state

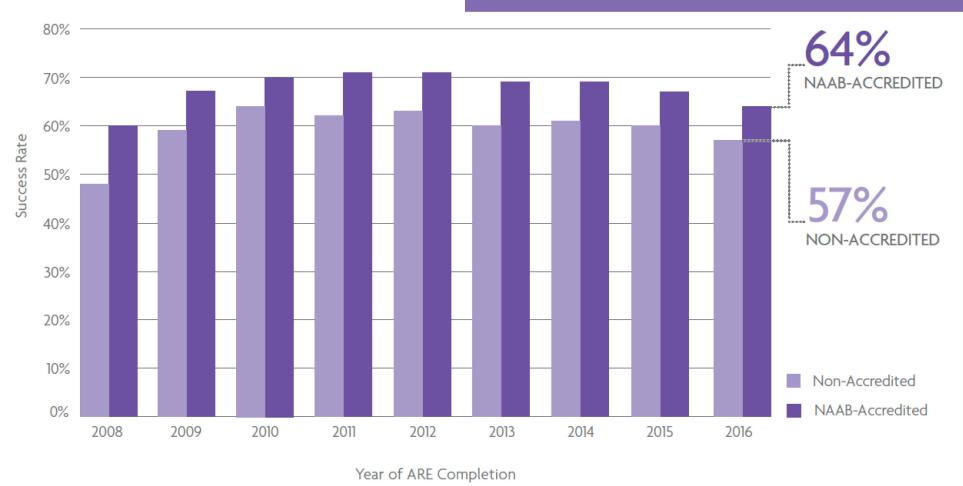
Examination Pass Rate Drop





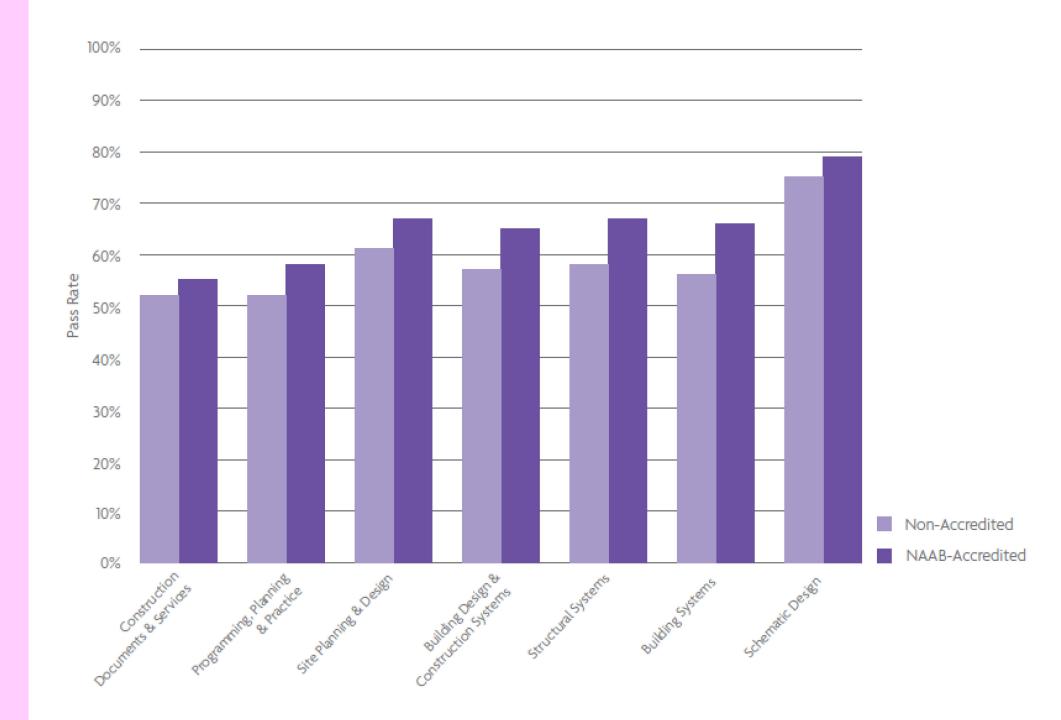






100%

90%



2017 **ARE 4.0 Pass Rates** for California candidates in percentages by quarter

A – Accredited

NA - Non-Accredited

	QUAR	TER 1	TER 1 QUARTER 2		QUARTER 3		QUARTER 4	
	Α	NA	Α	NA	Α	NA	Α	NA
Building Design & Construction Systems	62	59	59	56	55	47	64	67
Building Systems	63	64	58	63	66	45	57	31
Construction Documents & Services	50	48	47	49	46	32	47	42
Programming, Planning & Practice	51	43	47	39	51	54	51	36
Schematic Design	84	70	80	88	85	60	87	78
Site Planning & Design	65	56	67	55	63	70	54	41
Structural Systems	49	58	75	61	69	63	57	39

California







Massachusetts 69% (238) Illinois 66% (242) **New York** 61% (786) **Texas** 59% (349) California 57% (595)

A professional degree from a NAAB-accredited program is required.

Additional experience can be accepted as an alternative to the education requirement.

An architectural degree from a Canadian university certified by the CACB is accepted.

An EESA Evaluation of foreign education is accepted.

Completion of the AXP/IDP is required.

			Work experience
	Pass Rate (candidate count)	Accredited program required	accepted as alternative for education
Massachusetts	69% (238)	Yes	No
Illinois	66% (242)	Yes	No
New York	61% (786)	No	Yes
Texas	59% (349)	Yes	No
California	57% (595)	No	Yes

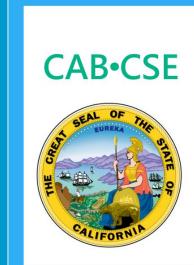
Building Design & Const Syst 32% 34% Building Systems 37% 42% Construction Documents & Serv 32% 38% Programming, Planning & Prac 33% 37% Schematic Design 36% 34% Site Planning & Design 32% 40%	
Construction Documents & Serv 32% 38%	,
	,
Programming, Planning & Prac 33% 37%	,
Schematic Design 36% 34%	,
Site Planning & Design 32% 40%	,
Structural Systems 36% 38%	,
Construction & Evaluation 39% 27%	,
Practice Management 37% 35%	,
Programming & Analysis 31% 40%	,
Project Dev & Documentation 25% 30%	,
Project Dev & Documentation 25% 30% Project Management 36% 35%	,
Project Planning & Design 26% 29%)

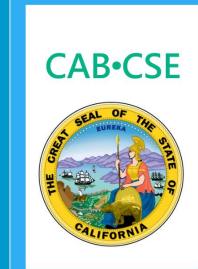
California candidates **NOT** holding degrees from NAABaccredited program

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California Supplemental Examination **Pass Rates**

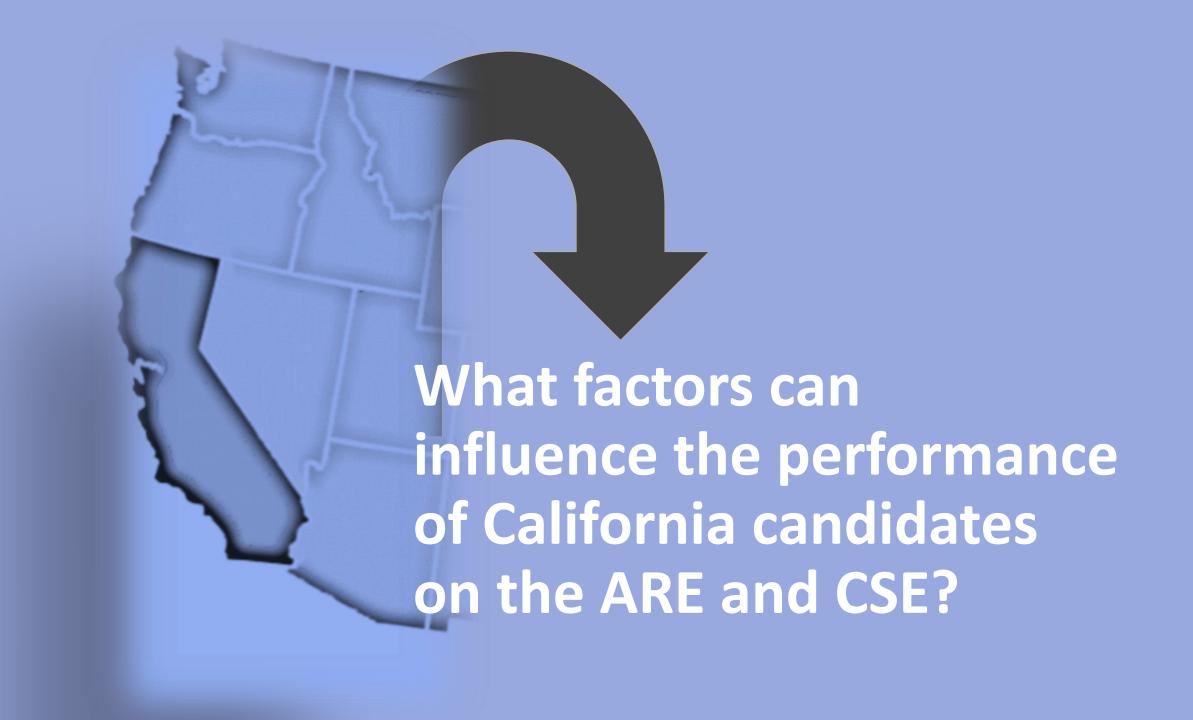
PROFESSIONAL EXAMINATION SERVICES

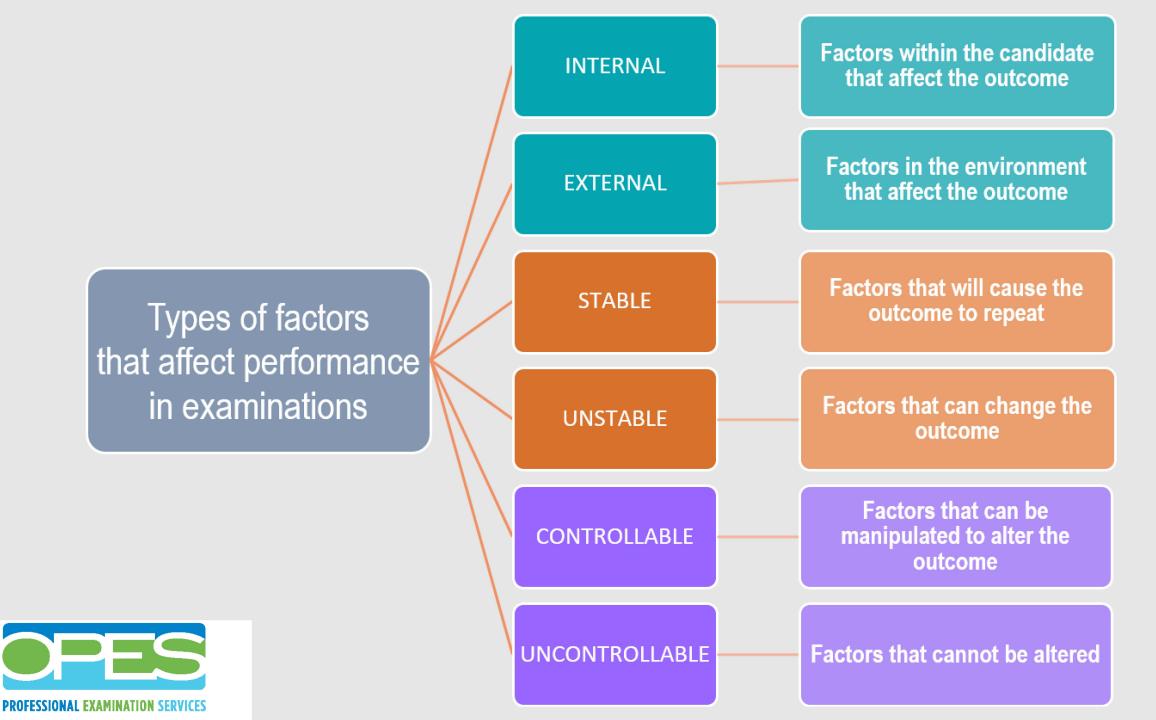




Fall 2014	58%
Spring 2015	62 %
Fall 2015	69%
Spring 2016	70%
Fall 2016	63%
Spring 2017	66%
Fall 2017	51%
Spring 2018	60%
Fall 2018*	58%
Fall 2016 Spring 2017 Fall 2017 Spring 2018	63% 66% 51% 60%

^{*} Not complete





Research points to these specific factors:

- ☑ College GPA
- ☑ Pre-licensing practice test
- **☑** Study habits
- ☑ College admission and retention policies
- ☑ Advanced degrees
- ☑ High school class size
- ☑ High school class rank
- **☑** SAT score



WHAT CAN OPES DO?

- 1. Develop examinations that are fair, valid, and legally defensible
- 2. Use input from recently licensed architects in all phases of examination development
- 3. Continue preventing artificial barriers to licensing during examination development and administration
- 4. Make public a sample of items that would be retired from the examination
- 5. Review and revise the study material, as needed, to be more focused
- 6. Ensure the passing score targets the candidate whose competence is minimally acceptable for entry level

Thank you!

Questions?

