

CSAO

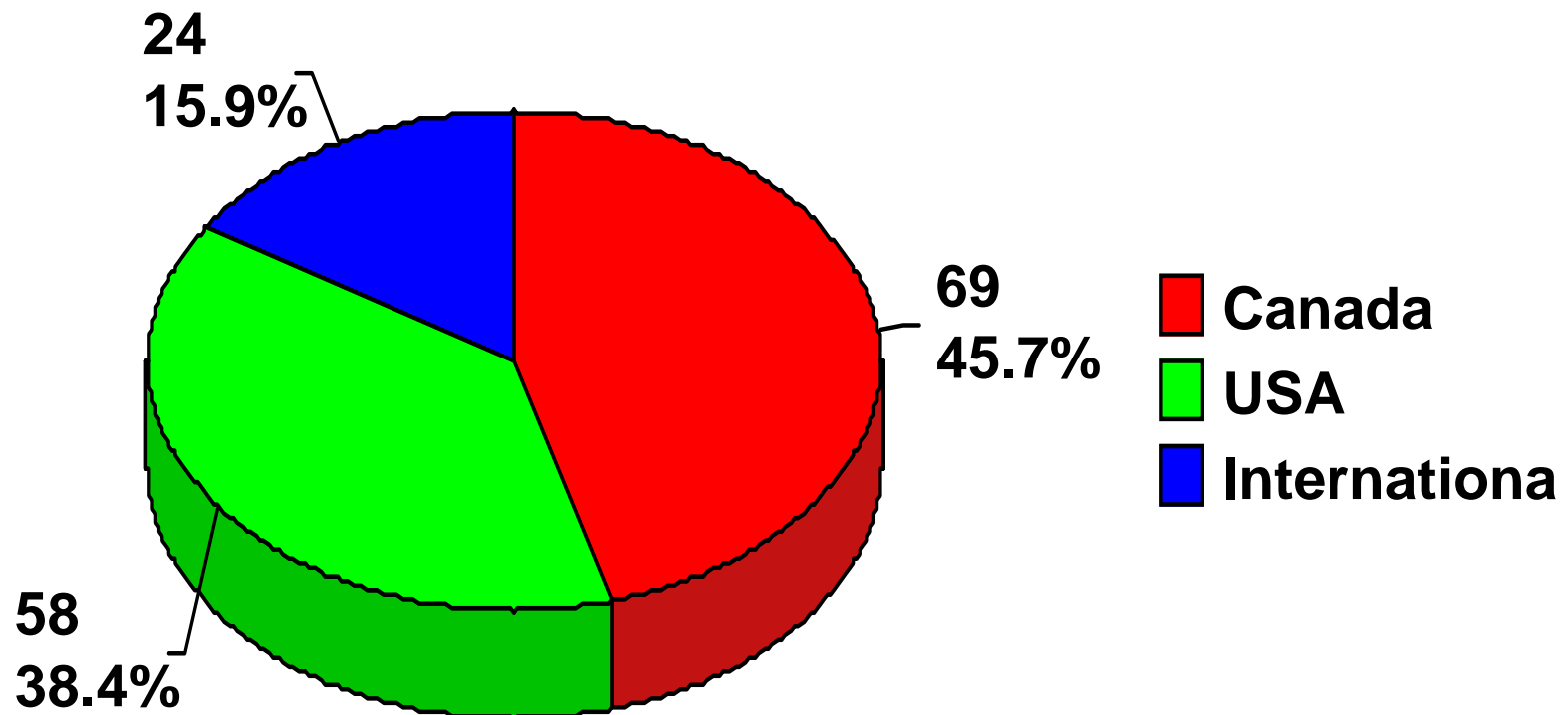
Examination Results - 2005



Analysis of Performance

Candidates By Country – 2005

(New Candidates n=151)



CSAO 2005 Administration

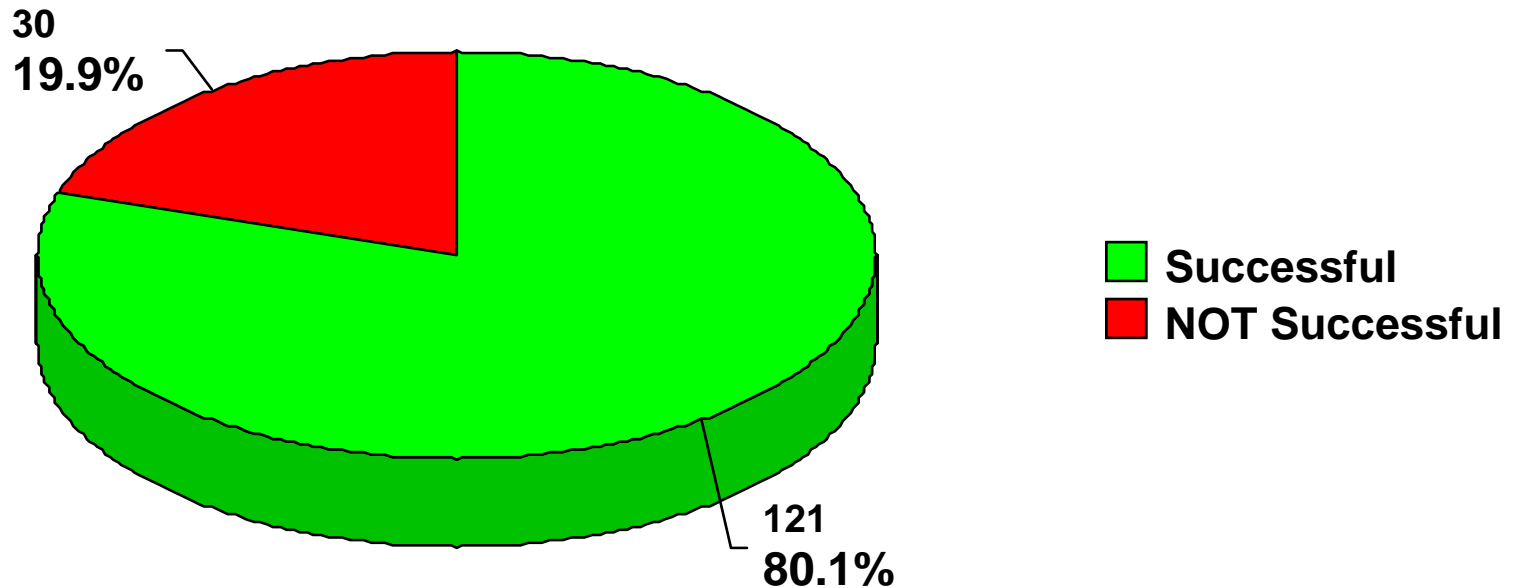
33 Institutions Represented



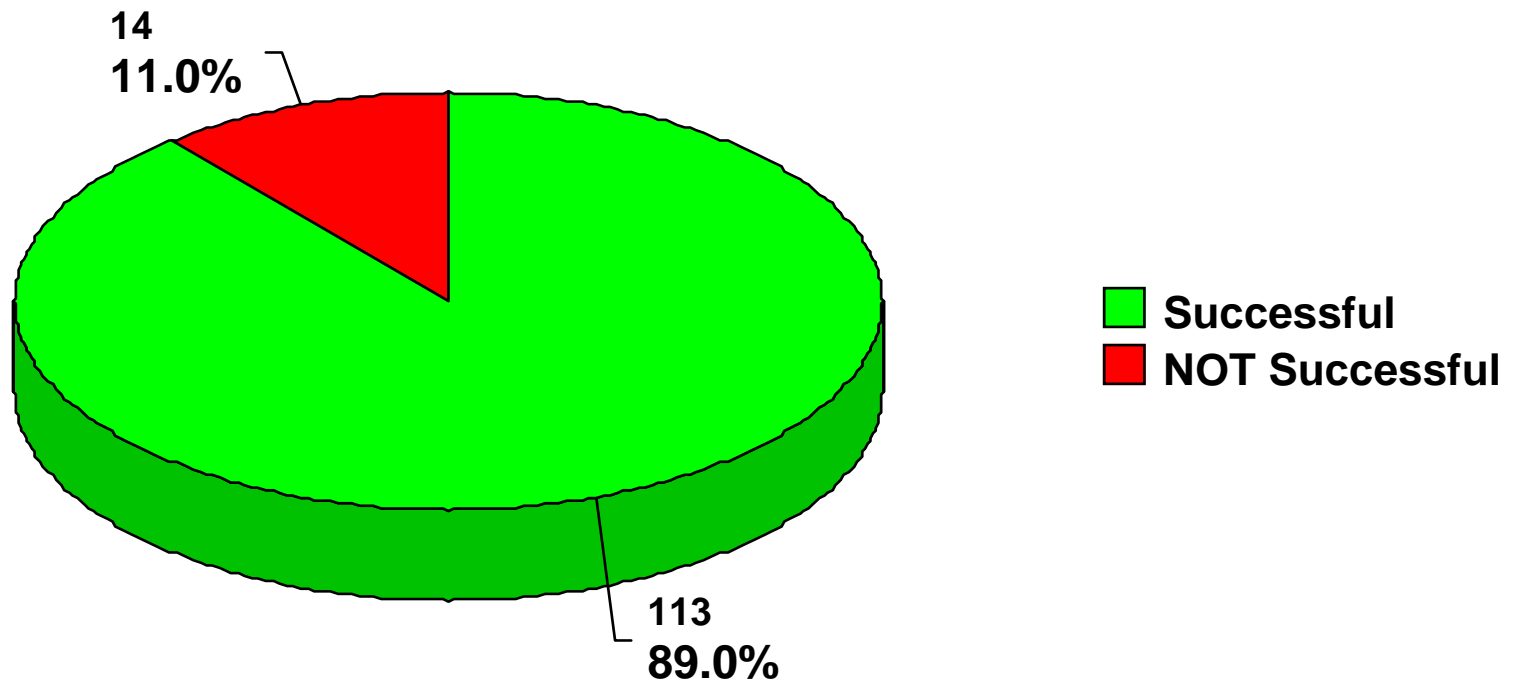
■ Waterloo	60	■ Bradford England	4
■ Montreal	9	■ U of Ulster (UK)	2
■ Illinois	16	■ City U (London)	2
■ New England	11	■ La Salle U.	1
■ Pacific U.	6	■ U of Melbourne	1
■ Pennsylvania	5	■ U. of Manchester	1
■ Puerto Rico	5	■ U. of Aston-England	1
■ Southern Cal.	4	■ Iran	1
■ Nova S. Eastern	3	■ U of Benin-Nigeria	1
■ SUNY	2	■ Elite (India)	1
■ Ohio State	2	■ Witwatersrand	1
■ U of California	2	■ Harbin U.	1
■ Southern College	1	■ U. of Peds (Russia)	1
■ U. of Houston	1	■ Mahathma Gandhi U	1
		■ Medical Col. India	1
		■ Pakistan	1
		■ Shahid Behohti U.	1
		■ All India Institute	1
		■ National U. Columbia	1

Percentage of ALL New Candidates Successfully Completing ALL Components

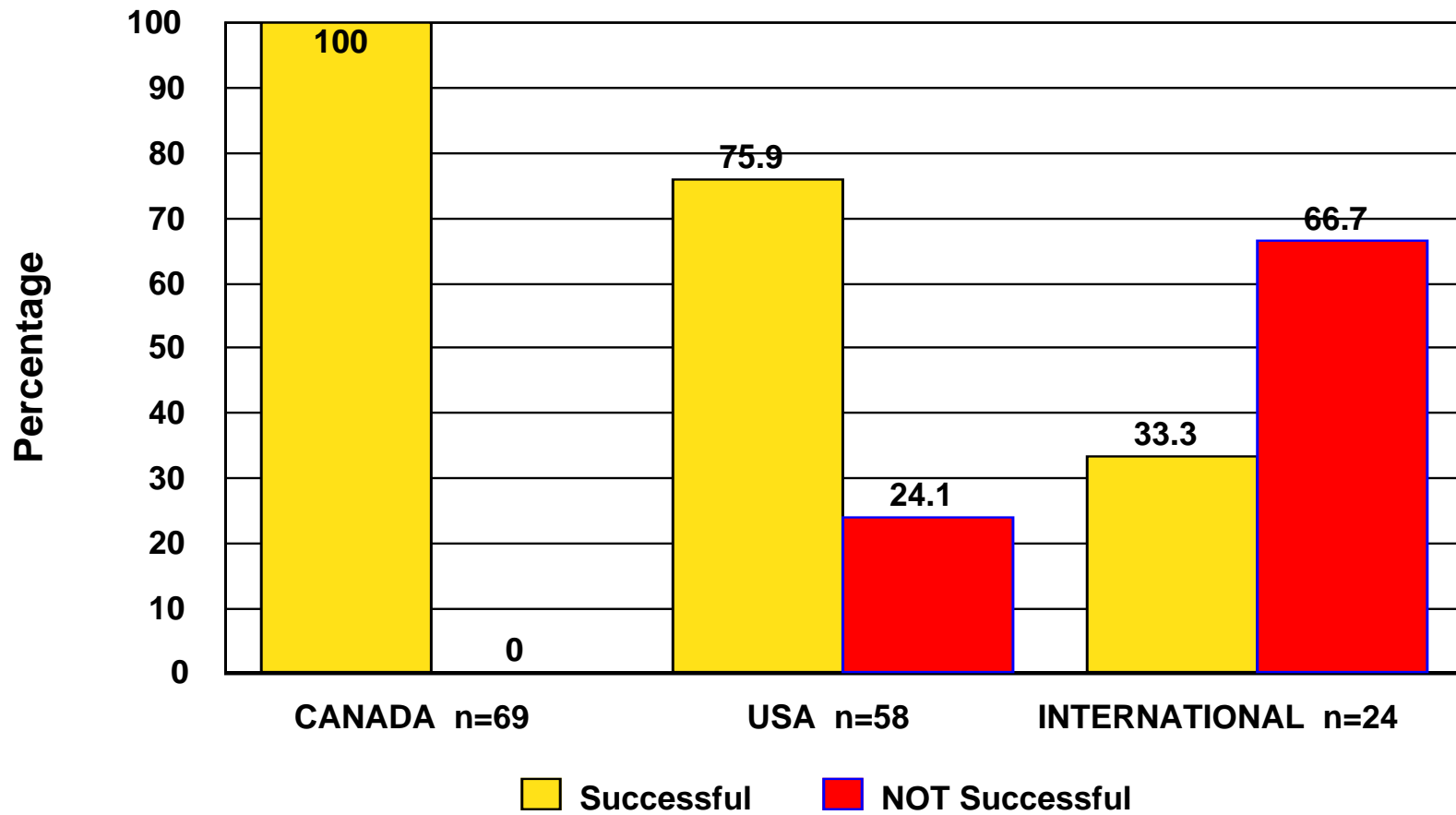
(151 Completed All 8 components)



Percentage of NORTH AMERICAN ONLY Candidates Successfully Completing ALL Components (n = 127)



Percentage by Group Successfully Completing CSAO For 2005





Key to Abbreviations

Written Components

- **BS= Biological Sciences**
- **VS= Visual Sciences**
- **OT= Ocular Therapeutics**
- **CJ= Clinical Judgment**



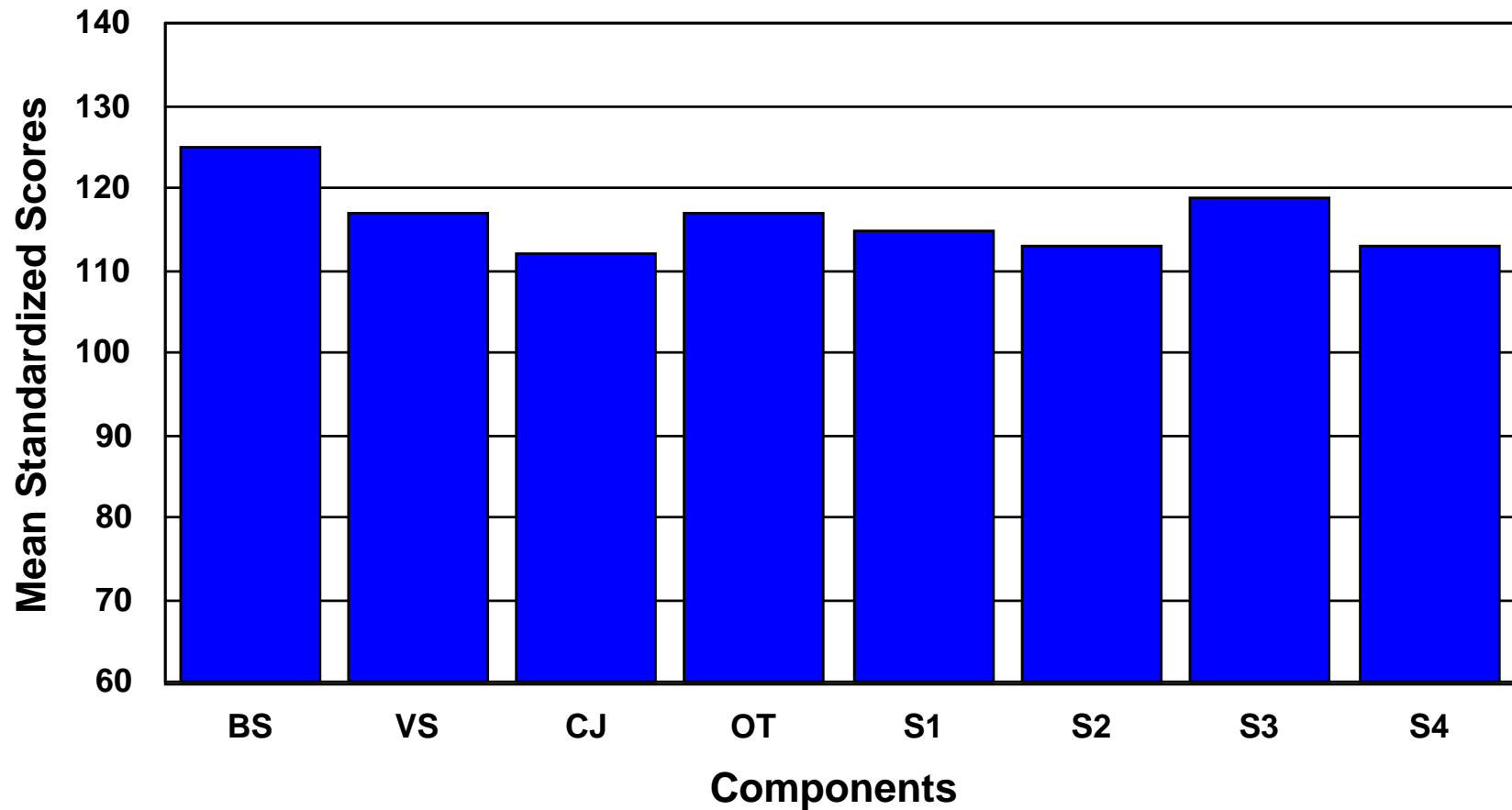
Key to Abbreviations

Skills Components

- **S1 = Interviewing & Assessing Refractive & Accommodative Conditions**
- **S2 = Assessing Ocular & Sensory Integrative Functions**
- **S3 = Assessing Ocular & Systemic Disease**
- **S4 = Assessing Ophthalmic Appliances**

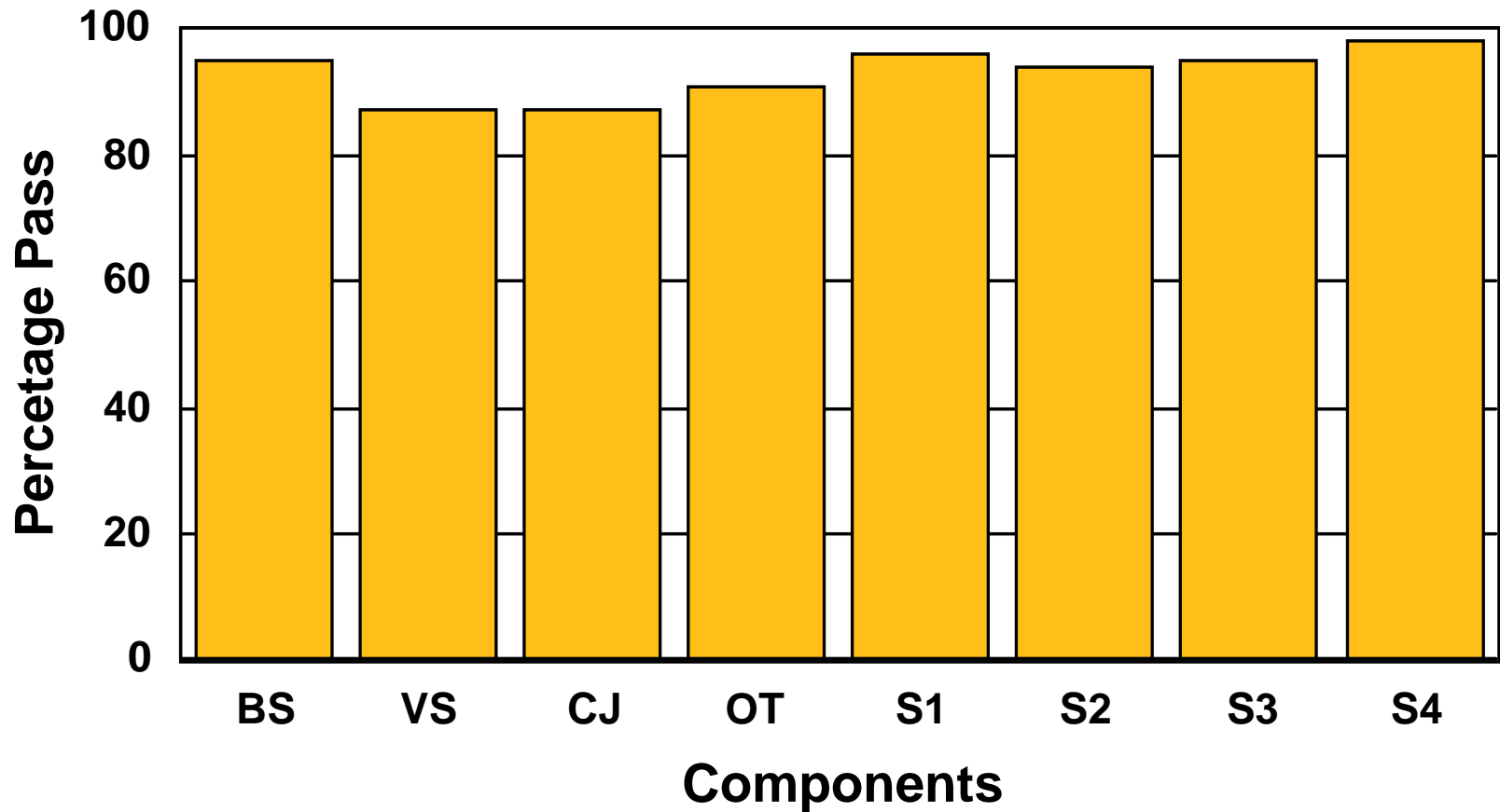
Performance By Component

For All 151 New Candidates - 2005



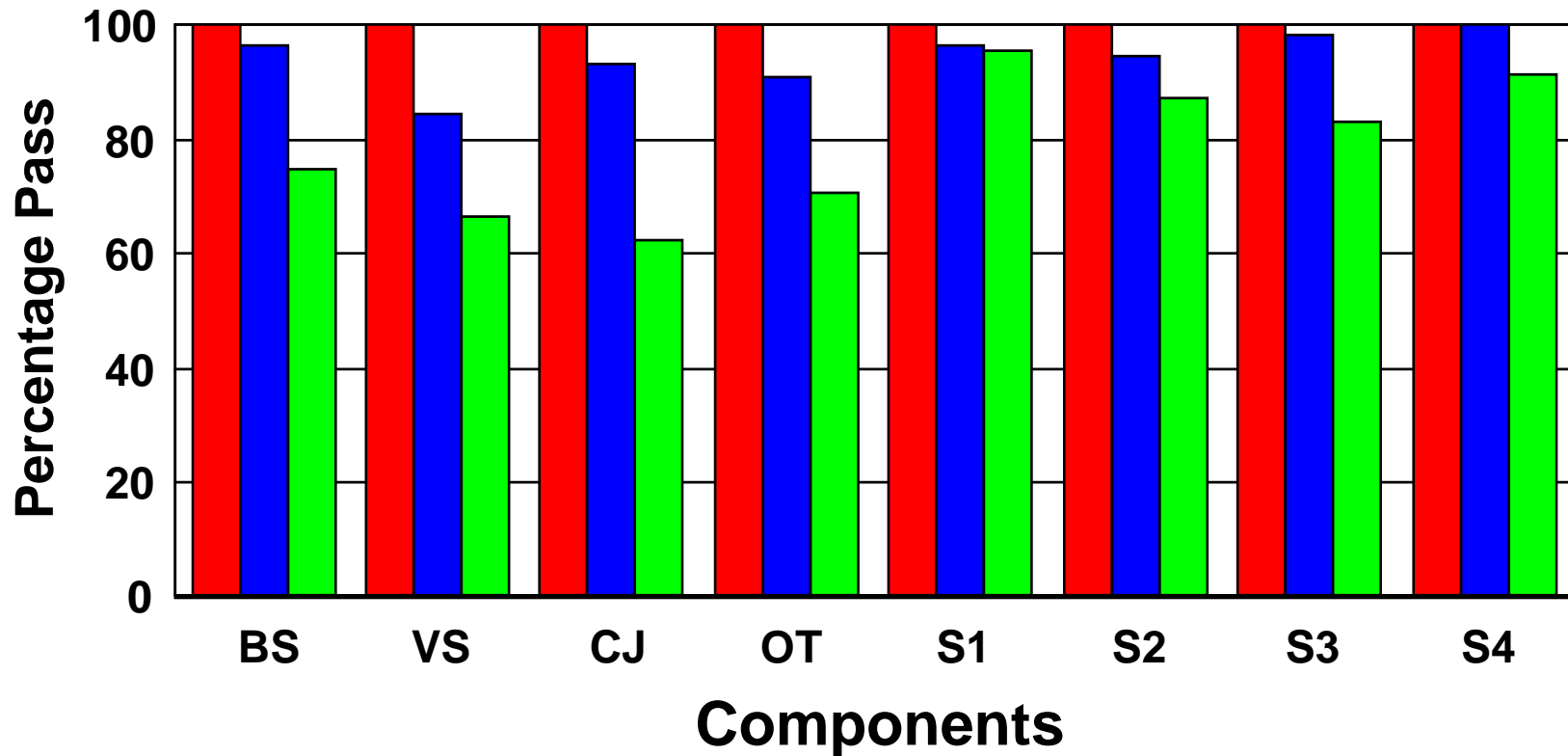
Pass Rate By Component

For All 151 New Candidates - 2005



Pass Rates by Component

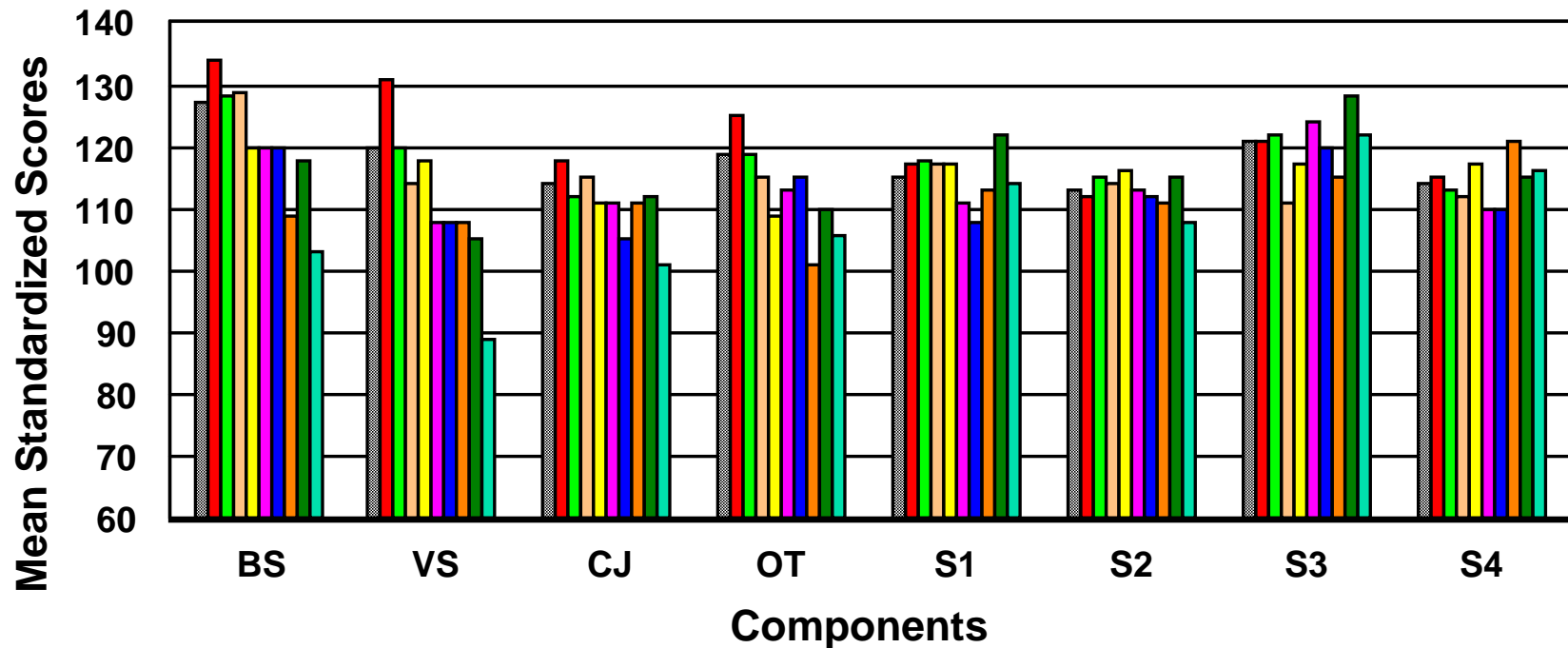
Canada, USA, International



■ Canada (n=69) ■ USA (n=58) ■ International (n=24)

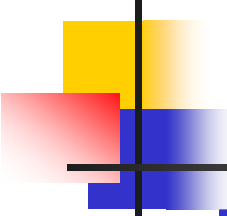
Comparison of 9 Institutions to Population Mean For All CSAO Components – 2005

(For Schools Sending 4 or More NEW Candidates)



- Population Mean
- Waterloo (n=60)
- Montreal (n=9)
- Pennsylvania (n=5)
- Pacific (n=6)
- Illinois (n=16)
- New England (n=11)
- Bradford (n=4)
- Southern Cal (n=4)
- Puerto Rico (n=5)

Reliability Coefficients For CSAO Components 2005



Components	Standardized Cronbach's alpha
BS	.90
VS	.90
CJ	.75
OT	.68
S1	.66
S2	.78
S3	.73
S4	.62