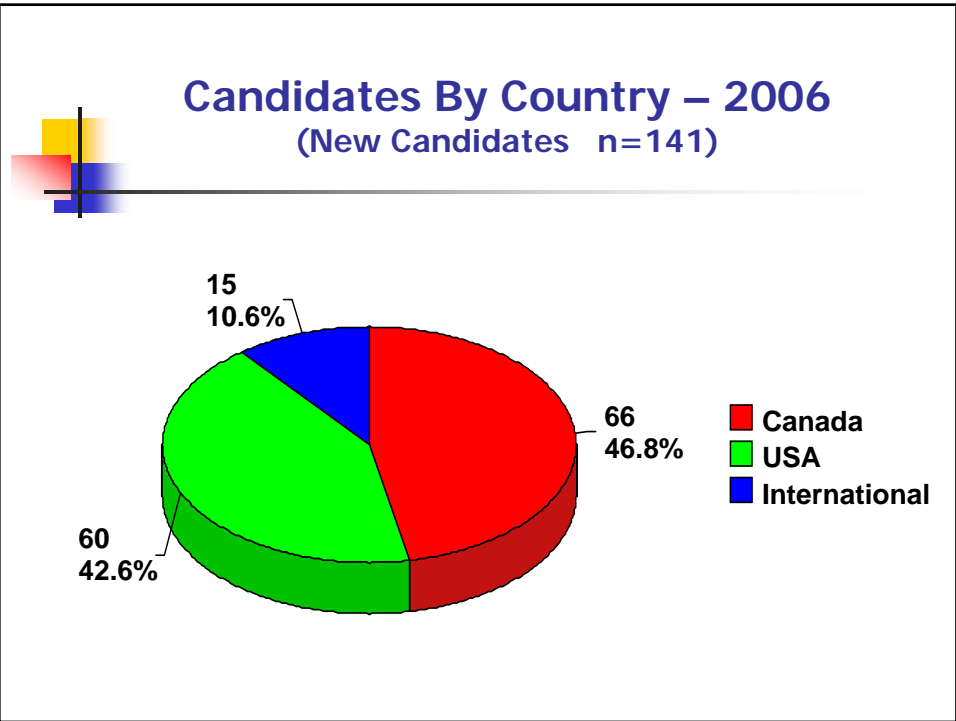


CSAO

Examination Results - 2006



Analysis of Performance



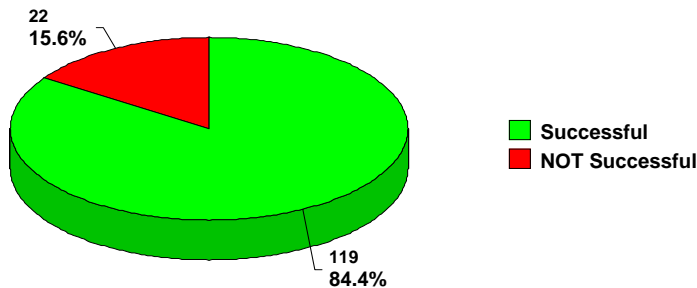
CSAO 2006 Administration 27 Institutions Represented

NEW Candidates n = 141

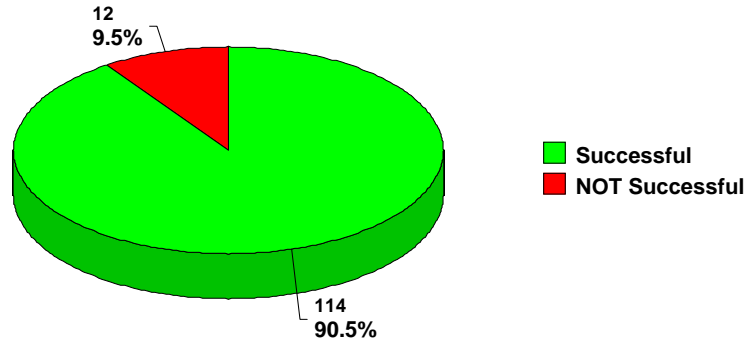
▪ Waterloo	63	▪ Cardiff England	1
▪ Montreal	3	▪ La Salle U.	1
▪ Illinois	11	▪ U of New S. Wales	1
▪ New England	10	▪ U. of Aston-England	1
▪ Pacific U.	15	▪ Iran Tehran	1
▪ Pennsylvania	4	▪ U of Benin-Nigeria	1
▪ Puerto Rico	6	▪ IMO State U. Nigeria	1
▪ Southern Cal.	5	▪ Cairo U. Egypt	1
▪ Nova S. Eastern	2	▪ Ain Shams U. Egypt	1
▪ SUNY	5	▪ National U. Nicaragua	1
▪ Indiana U.	1	▪ Baghdad Med. School	1
▪ Michigan College	1	▪ King Saud U. Saudi	1
▪ Cardiff England	1	▪ Centro Escolar U. Philipp.	1
		▪ Hong Kong Poly U.	1
		▪ U. Latina Costa Rica	1

Percentage of ALL New Candidates Successfully Completing ALL Components

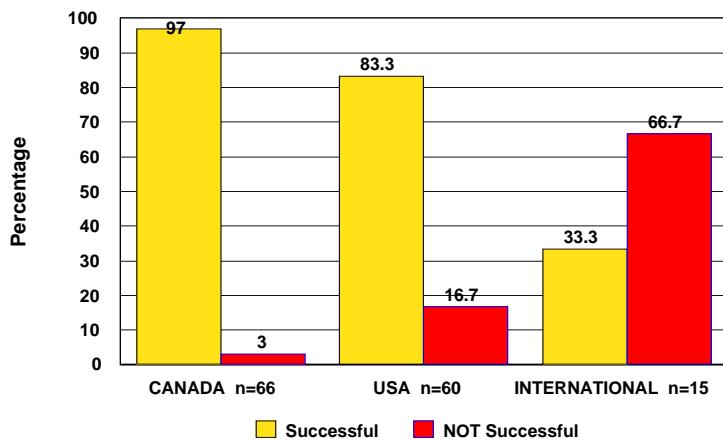
(141 Completed All 8 components)



Percentage of NORTH AMERICAN ONLY Candidates
Successfully Completing ALL Components
(n = 126)



Percentage by Group
Successfully Completing CSAO For 2006





Key to Abbreviations

Written Components

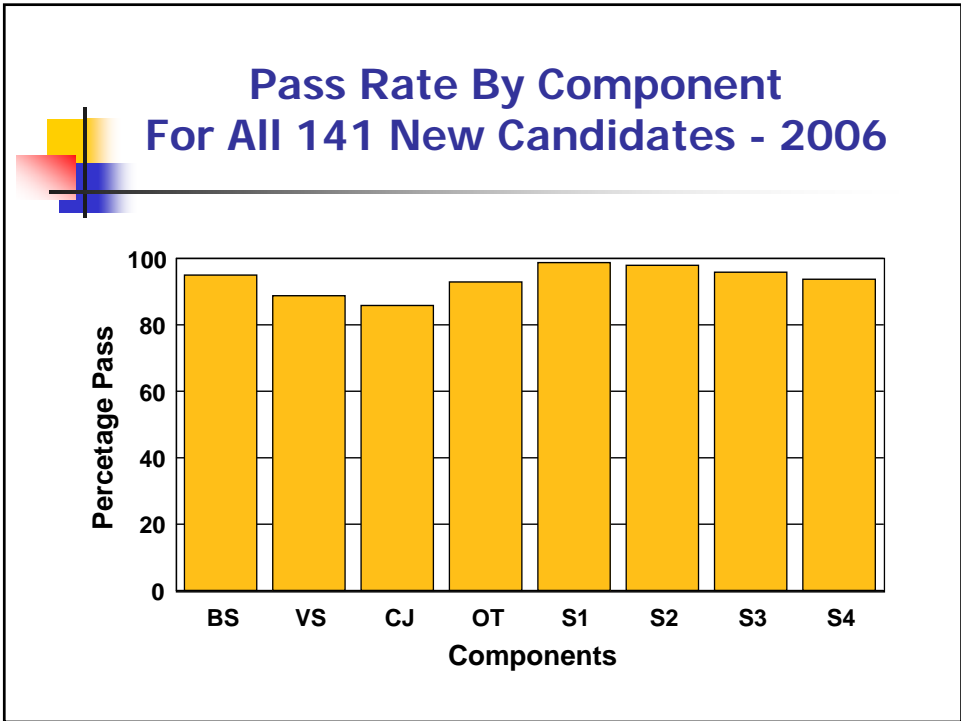
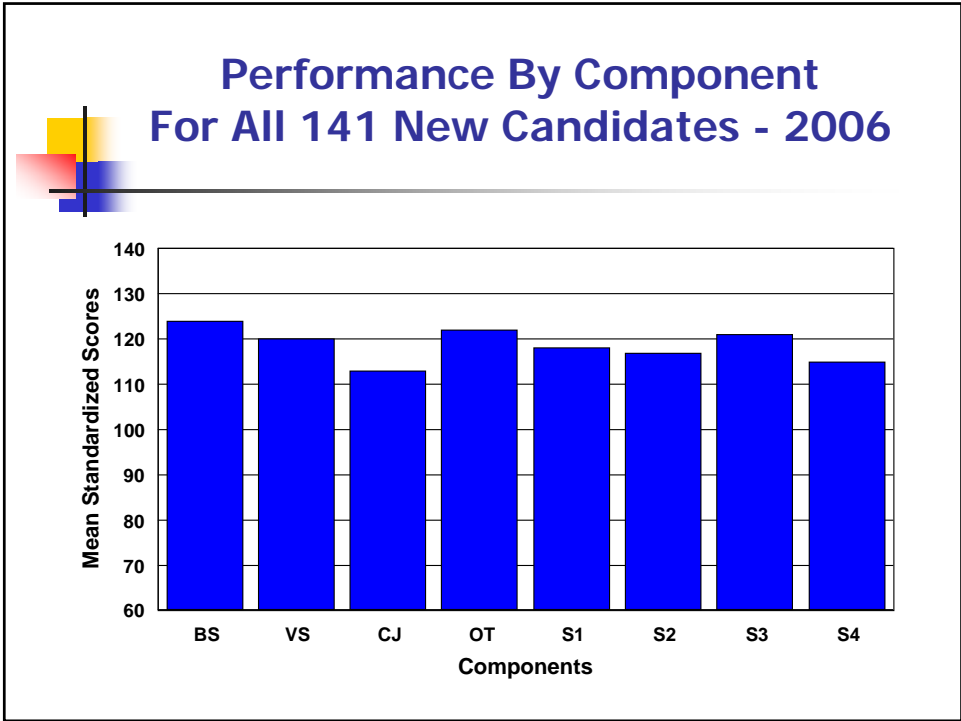
- **BS= Biological Sciences**
- **VS= Visual Sciences**
- **OT= Ocular Therapeutics**
- **CJ= Clinical Judgment**

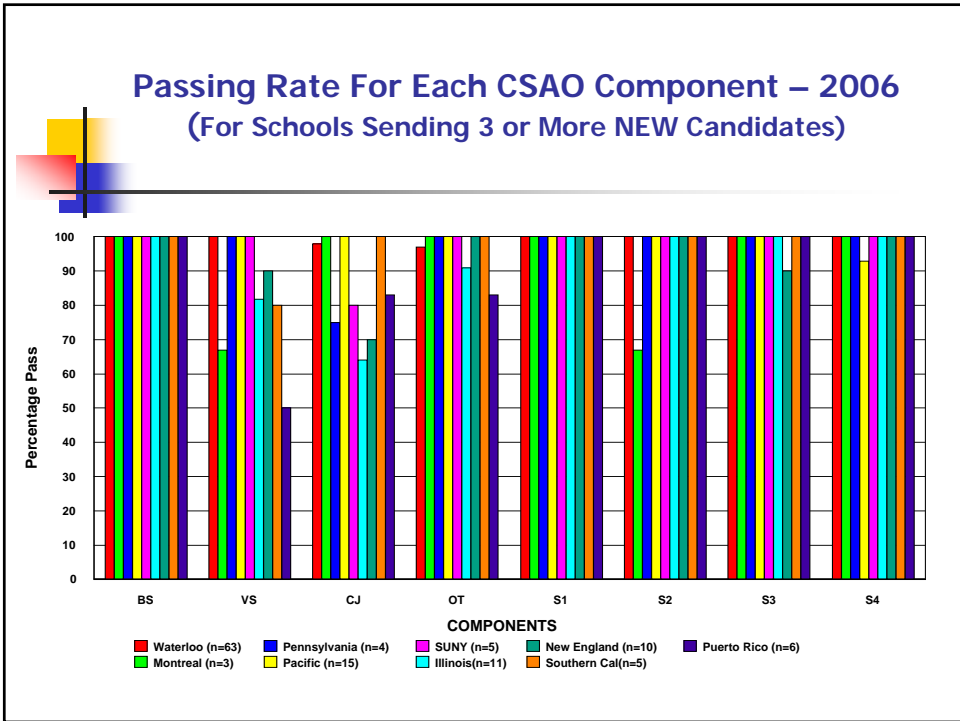
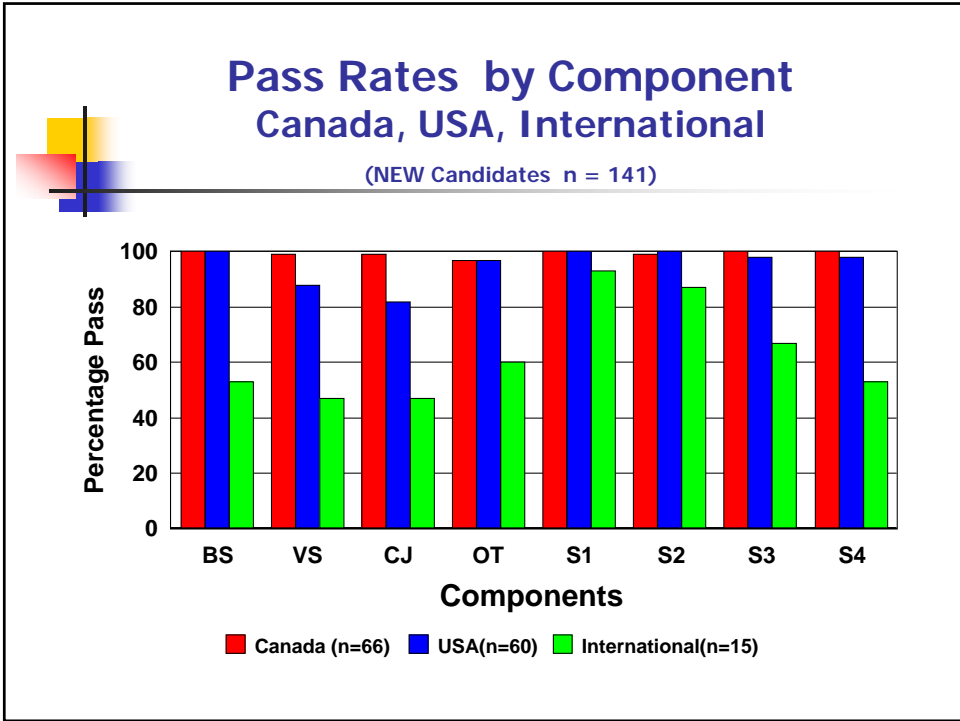


Key to Abbreviations

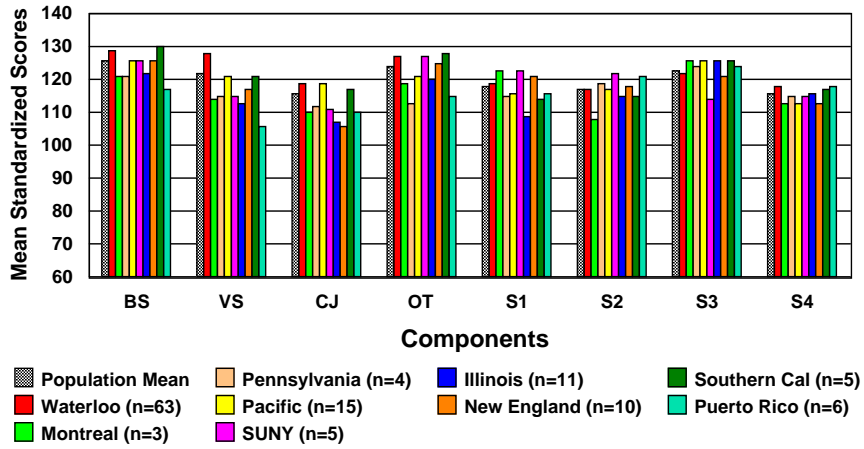
Skills Components

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





Comparison of 9 Institutions to Population Mean For All CSAO Components – 2006 (For Schools Sending 3 or More NEW Candidates)



Reliability Coefficients For CSAO Components 2006

Components	Standardized Cronbach's alpha
BS	.91
VS	.90
CJ	.80
OT	.76
S1	.79
S2	.77
S3	.83
S4	.80

Written Components - 2006

Comparison By Institution To Population Mean (PM)

If College not mentioned, NO significant difference from (PM)

- **Biological Sciences:** NO institution significantly different than PM;
- **Visual Sciences:** Waterloo significantly higher than PM;
Illinois, Puerto Rico significantly lower than PM
- **Clinical Judgment:** Waterloo, Pacific significantly higher than PM;
Illinois, New England significantly lower than PM
- **Ocular Therapeutics:** Pennsylvania significantly lower than PM

Skills Components -2006

Comparison By Institution To Population Mean (PM)

If College not mentioned, NO significant difference from (PM)

- **Session 1:** SUNY significantly higher than PM
Illinois significantly lower than PM
- **Session 2 :** None of the institutions differed significantly from the PM
- **Session 3 :** None of the institutions differed significantly from the PM
- **Session 4 :** Waterloo significantly higher than PM
New England significantly lower than PM