

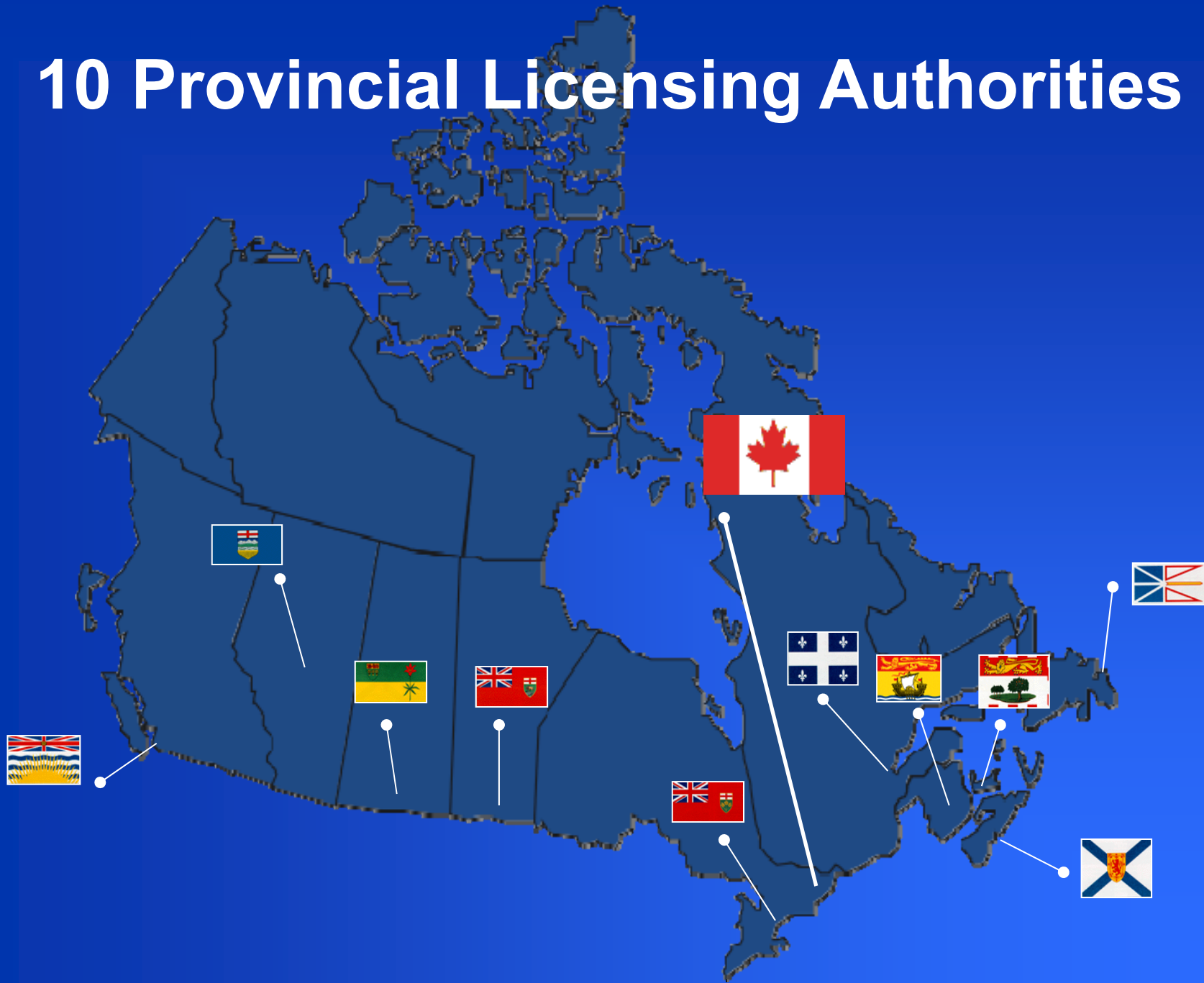


The Canadian Experience
With Reciprocal Agreements
Based on Accreditation

10 Canadian Dental Schools



10 Provincial Licensing Authorities



NDEB of Canada

1952 Act of Parliament

- Establishing qualifying conditions for a national standard of competence for general dental practitioners
- Issuing certificates to dentists who meet the standard.

NDEB of Canada

12 Board Members

- 1 appointed by each of 10 Provincial Boards
- 2 approved by Commission on Dental Accreditation

Accreditation

- Accreditation administered by Commission on Dental Accreditation of Canada
- NDEB and Provincial Dental Regulatory Authorities actively involved and financially support
- Defined by Supreme Court Judgement
 - in depth, bonafide, ongoing
 - allowed to discriminate between groups based on accreditation

Accreditation

- Verifies that all graduates meet a minimum standard including evaluation of clinical skills
- Confidence and trust in competency of graduates
- NDEB certification process based on accreditation status of the program

Reciprocity Agreements

- Between the Commission on Accreditation of Canada and equivalent authority
- Agree to treat graduates of each others accredited programs as equivalent for licensure purposes
- Based on real, in depth, ongoing knowledge of the processes and systems in each country therefore

Reciprocity Agreements

- **EXPENSIVE and TIME CONSUMING**

Steps in developing an agreement

- Identifying a jurisdiction with a similar accreditation process (in depth self study and site visit) and an interest.
- Establish communications
- Review of standards documents and process to establish comparability
- Bilateral observation of site visit, committee and annual meetings
- Approval of formal agreement

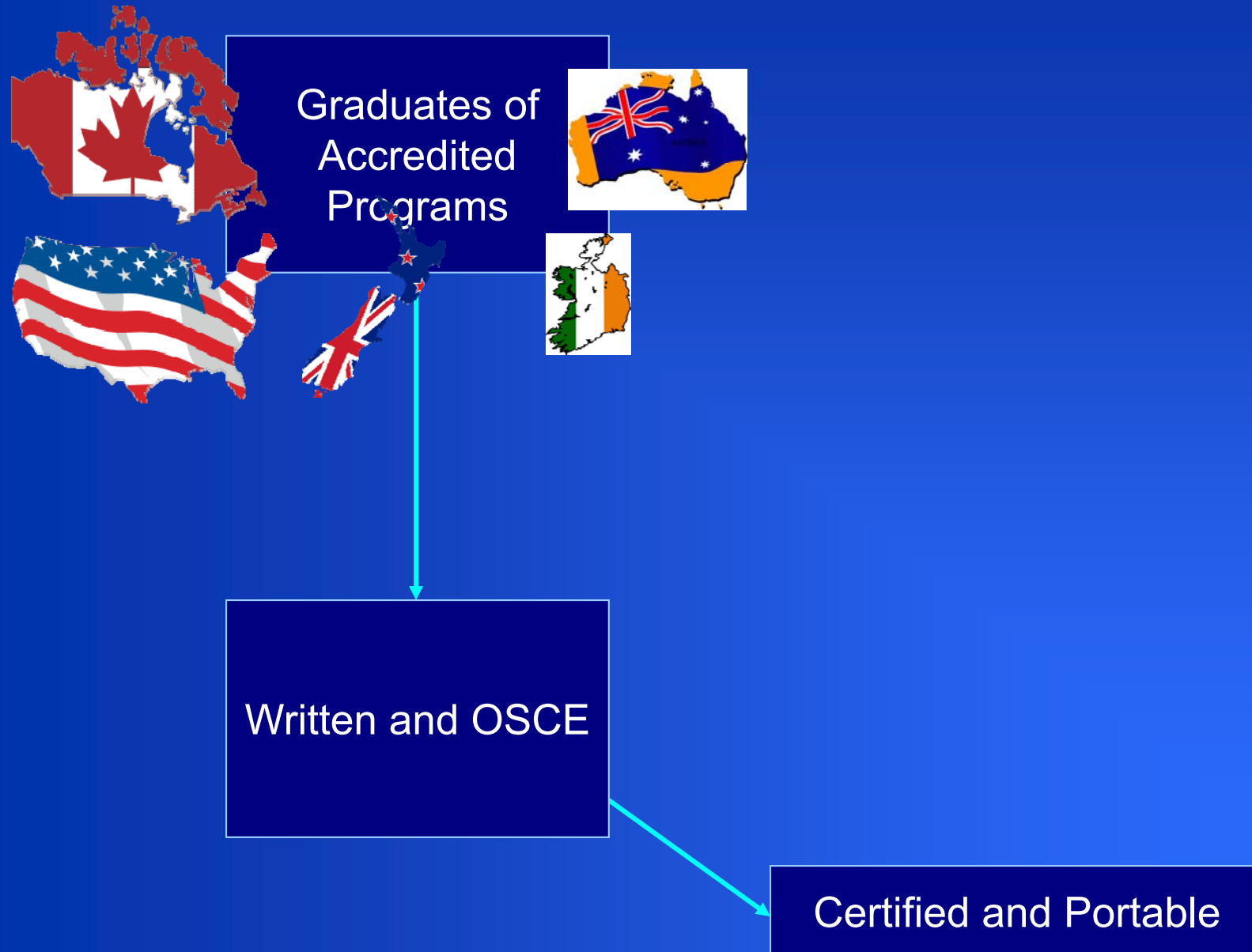
Maintenance of Agreement

- Establish a schedule of bilateral involvement and reporting.
- Review all changes to Standards documents and processes.
- Maintain documentation of oversight

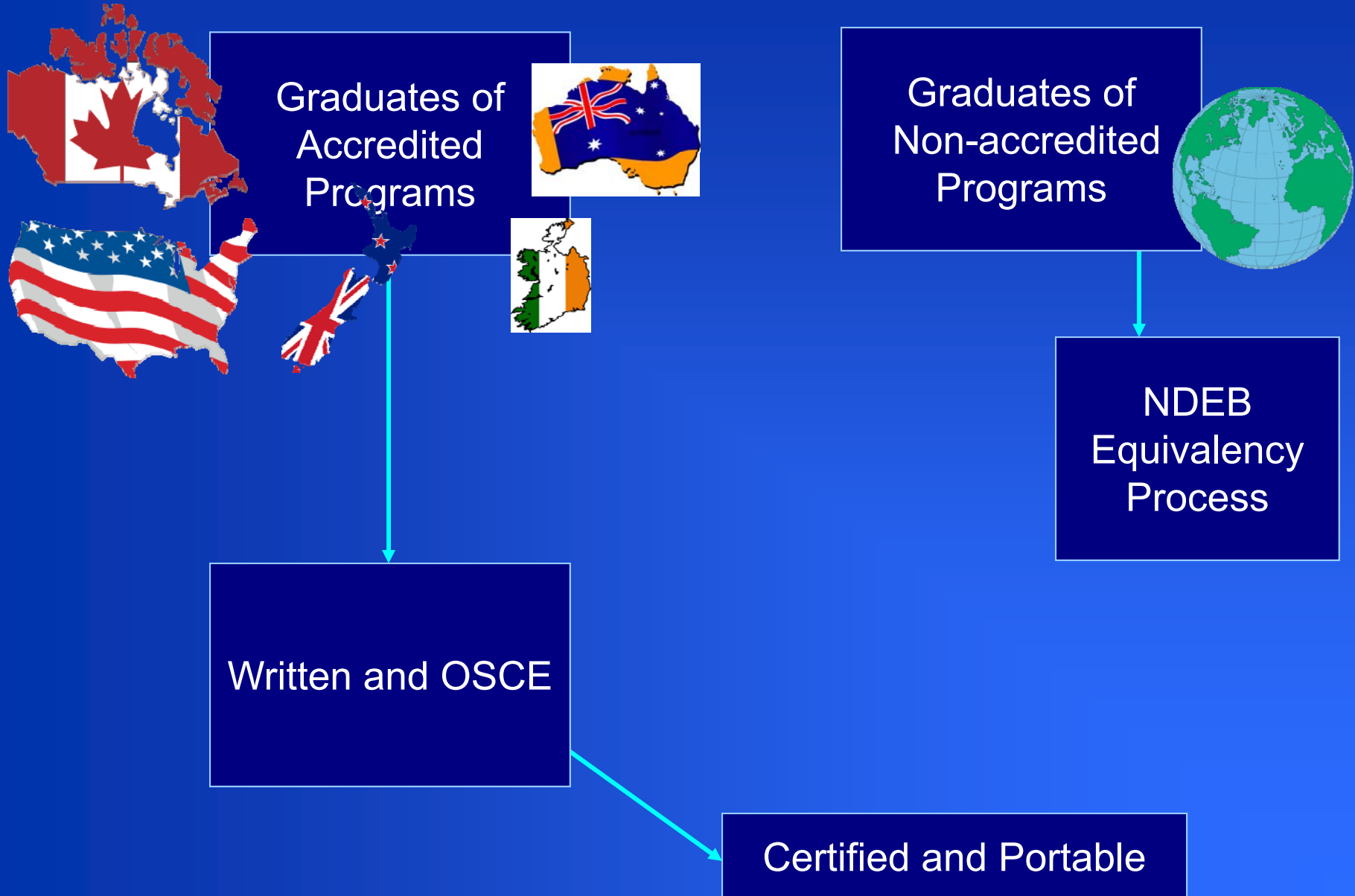
Reciprocal Agreements

- Currently - US, ADC, DCNZ, IDC
- Considering Hong Kong
- Quebec - France agreement not recognized by NDEB

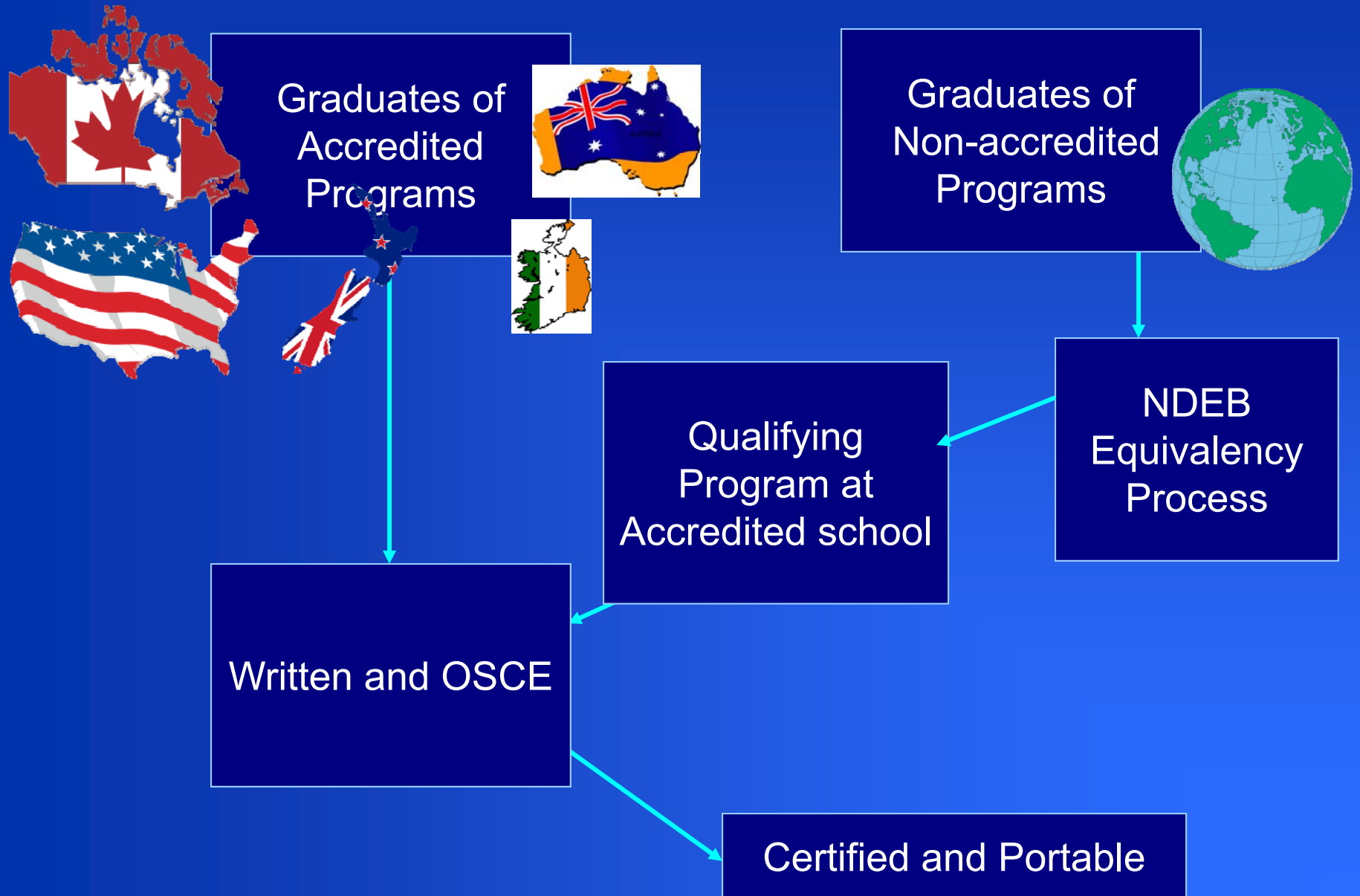
NDEB Certification Process 2011



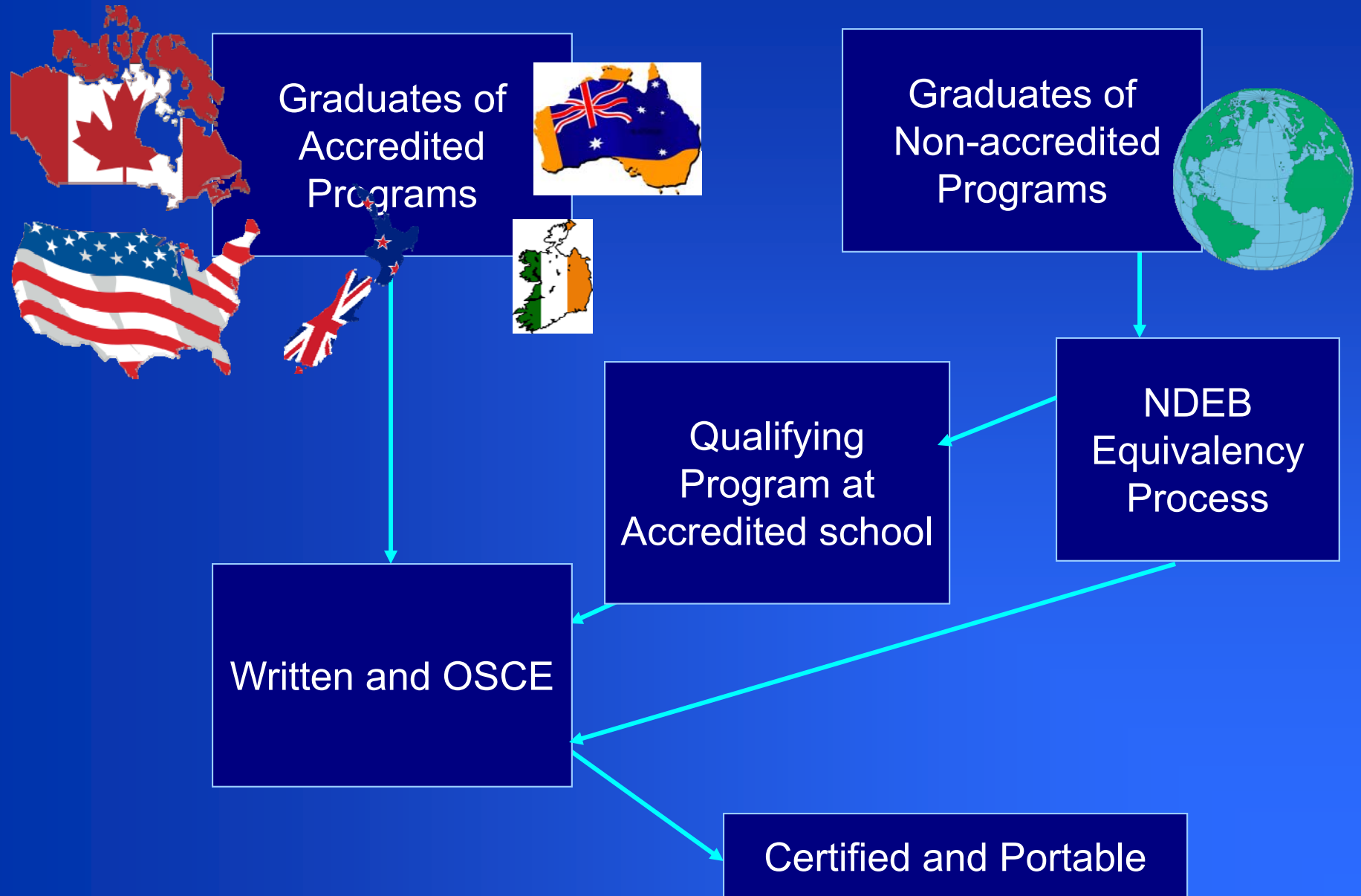
NDEB Certification Process 2011



NDEB Certification Process 2011



NDEB Certification Process 2011



New Dentists yearly prior to 2010

Canadian DDS/DMD	450 (73%)
US	100 (16%)
<u>QP/DC Programs</u>	<u>65 (10%)</u>
Total	615

New Dentists in Canada 2010

Canadian DDS/DMD	458 (69%)
US and Australia*	143 (22%)
<u>QP/DC Programs</u>	<u>63 (9%)</u>
Total	664

*best estimates

New Dentists in Canada 2012

Canadian DDS/DMD*	445 (54%)
US, NZ and Australia*	170 (21%)
QP/DC Programs	76 (9%)
<u>Equivalency Process</u>	<u>130 (16%)</u>
Total	821

*best estimates

New Dentists in Canada 2014*

Canadian DDS/DMD	450 (48%)
US, NZ, Ireland and Australia	200 (21%)
QP/DC Programs	90 (10%)
<u>Equivalency Process</u>	<u>200 (21%)</u>
Total	940

*estimates

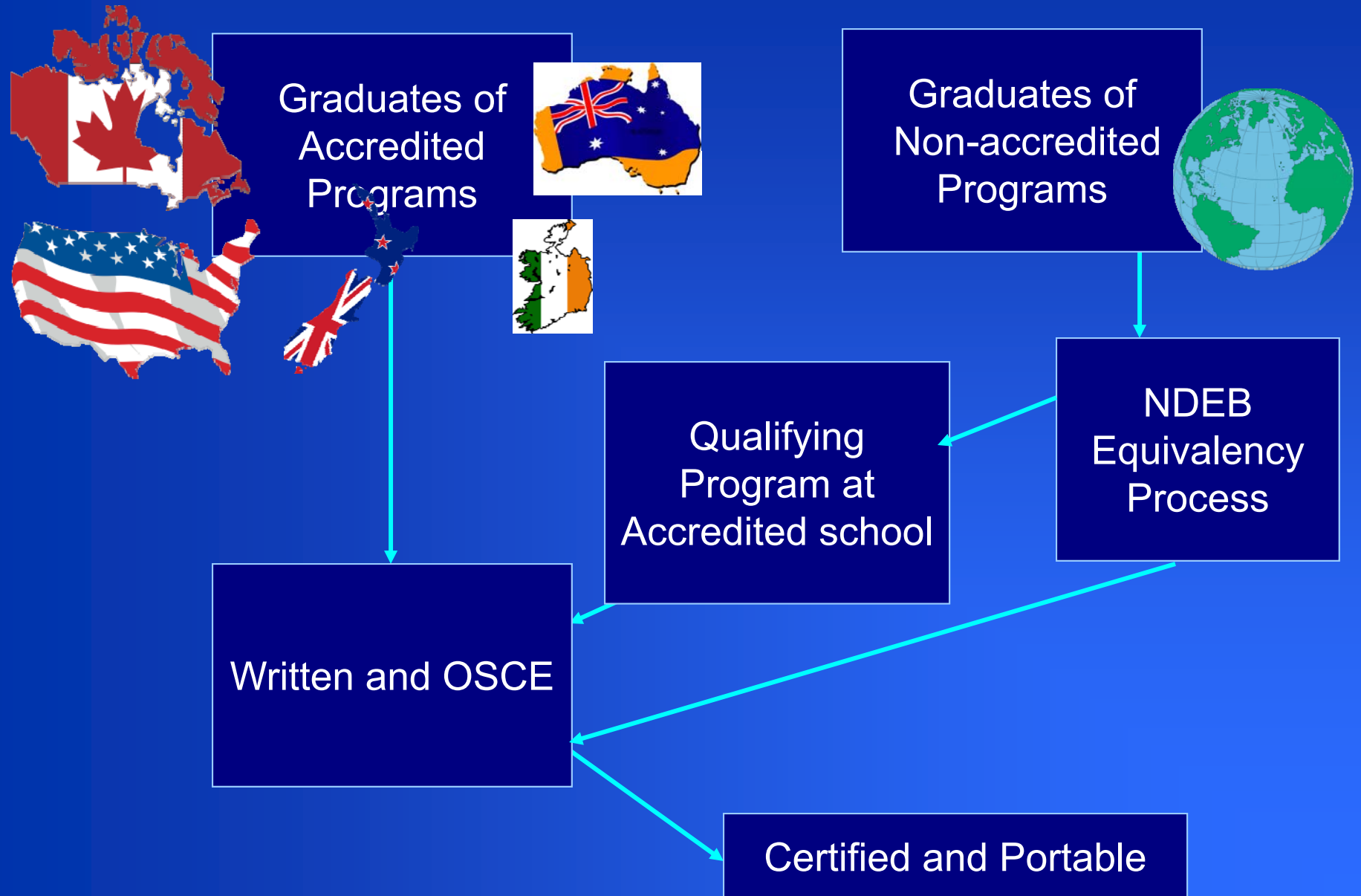
Concern

- Pass rates on the Written and OSCE are somewhat lower for graduates of US, Australian and Irish Programs
- Causes ?
 - different tooth numbering system
 - entering GPA
 - younger age at admission
 - not taking the examinations seriously
 - teaching and testing differences



Questions?

NDEB Certification Process 2011



Application and Credential Verification

- Application must be done online
- Application fee \$800 (non refundable) paid online with a credit card
- Specific required documentation verified by NDEB staff including an independent verification of graduation directly from dental program

Assessment of Fundamental Knowledge

- 1 day - 300 multiple choice questions.
- Registration fee \$600
- Administered in February and August at multiple sites in Canada, the UK and Hong Kong
- Qualifying/Degree Completion programs use AFK as admission test.

Sample question

For an otherwise healthy patient, with an acute localized periodontal abscess, initial treatment must include

- A. scaling and root planing.
- B. occlusal adjustment.
- C. prescription of an antibiotic.
- D. prescription of an analgesic

Assessment of Clinical Judgement

- 1 day -3 parts (2 case-based and 1 Radiology) with extended match questions
- Registration fee \$1200
- Administered in June and December immediately before the ACS

Question: 3 (select one or more correct answers.)

There is radiographic evidence of calculus on the

- +.25** A. distal of tooth 1.8
- 1** B. mesial of tooth 1.8
- (0)** C. distal of tooth 1.7
- 1** D. mesial of tooth 1.7
- +.25** E. distal of tooth 1.6
- 1** F. mesial of tooth 1.6
- 1** G. distal of tooth 1.5
- +.25** H. mesial of tooth 1.5
- +.25** I. distal of tooth 1.4
- 1** J. mesial of tooth 1.4
- 1** K. distal of tooth 1.3



Assessment of Clinical Skills

- 2 days - 12 requirements performed in a simulated clinical setting (manikins)
- Registration fee \$5000
- Administered in June and December at Canadian Faculties of Dentistry.
- Passing standard established using a scoring grid.

Assessment of Clinical Skills



Kilgore (Nissan)
manikin
series 200 typodont
with layered teeth

Requirements for ACS

1. Amalgam preparation
2. Composite preparation
3. Full metal crown preparation
4. Metal ceramic crown preparation
5. Amalgam restoration
6. Class II composite restoration
7. Class IV composite restoration
8. Endodontic access preparation
9. Provisional crown restoration
10. Rubber dam application
11. Record keeping
12. Infection control



Results

Number of applicants

- | | |
|------------------|------------|
| • 2010- 2013 | 5008 |
| • 2014 (July 20) | <u>538</u> |
| • Total | 5546 |

106 Different Countries

- INDIA 1626
- IRAN 531
- PHILLIPINES 441
- EGYPT 413
- IRAQ 251
- PAKISTAN 235
- CHINA 144
- COLOMBIA 115

Results of AFK

	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
Participants	821	1125	1187	1277
Pass	359	405	499	619
Range	32-95	28-94	27-95	32-98
KR 20	.97	.96	.96	.96

Results of ACJ

	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
Participants	289	373	490	652
Pass	144	243	291	459

Results of ACS

	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
Participants	266	359	484	500
Pass	61	129	125	175

Overall results

	2011	2012	2013	2014
Took all parts	247	??	??	??
Pass	44	127	143	174
Admitted QP/DC	<u>79</u>	<u>80</u>	<u>91</u>	<u>90</u>
	123	207	234	264