

CAMPEP Expectations of Physicists

William R. Hendee, PhD
Distinguished Professor
Radiology, Radiation
Oncology, Biophysics,
Population Health
Medical College of Wisconsin

Professor of Biomedical
Engineering
Marquette University

Adjunct Professor
Electrical Engineering
University of Wisconsin-
Milwaukee

Adjunct Professor of
Radiology
University of New Mexico

Adjunct Professor of
Radiology
University of Colorado

Entrance Requirements for Medical Physics Graduate Students

- Undergraduate degree in physics or
- Undergraduate degree in related field with course work equivalent to physics minor (3 adv courses)
- Students with deficiencies may be admitted conditionally

Deficiencies must be remedied during graduate program

Graduate Curriculum Should be Consistent with AAPM Report 197

- “Academic Program Recommendations for Graduate Degrees in Medical Physics”

Options for Clinical Residency Training

- Primary site
 - Accredited 2 year residency
 - Complete range of treatment techniques
 - Many qualified medical physicists (QMP)
- Affiliated site
 - Formal 2 year residency
 - More limited resources
 - Affiliated with a CAMPEP accredited program
- Professional degree program
 - 2-year residency as part of 4-5 year curriculum

Residency Curriculum Should be Consistent with AAPM Report Number 90

- "Essentials and Guidelines for Hospital-Based Medical Physics Residency Training Programs"

Entrance Requirements for Medical Physics Residency

- Graduation from an accredited MP graduate program or
- Graduation from a physics or related graduate program
 - MP deficiencies corrected during residency
 - Mechanism for correction provided by residency
 - Mechanism for evaluation of correction provided by residency
- Completion of didactic portion of professional degree program

2012 Initiative

- Candidates taking the American Board of Radiology Part 1 examination in radiologic physics for the first time in 2012 or later must be enrolled in or have graduated from a CAMPEP-accredited education program (e.g., MS, PhD, or residency).
If a candidate has graduated from a CAMPEP-accredited education program at the time of application, he/she must be working as a medical physicist (ABR website).

2014 Initiative

- Candidates taking Part 1 for the first time in 2014 or later must have completed a CAMPEP-accredited residency program before being eligible to take the Part 2 examination in Radiologic Physics (ABR website)

Eligibility Requirements

- The new eligibility requirements for Part 1 and Part 2 will not be applied retroactively to candidates in the ABR certification process prior to the dates specified.

Eligibility Requirements

- Applications for certification must be submitted by September 30 of the year before the first examination.

ABR Part 1 Exam Requirements

- Undergraduate degree in physics from accredited institution or
- Undergraduate degree in related field with course work equivalent to physics minor
General physics with calculus
At least 3 upper division physics courses
- Master's or doctorate degree
Medical physics, physics or related science/engineering discipline
- Working as MP under supervision

NRC Recognition of Deemed Status

- Diagnostic Radiologic Physics (DRP) and Medical Nuclear Physics (MNP) under 10 CFR § - Training for Radiation Safety Officer (RSO), and
- Therapeutic Radiologic Physics (TRP) under 10 CFR § 35.51 - Training for an Authorized Medical Physicist (AMP)

Statistics to be Presented

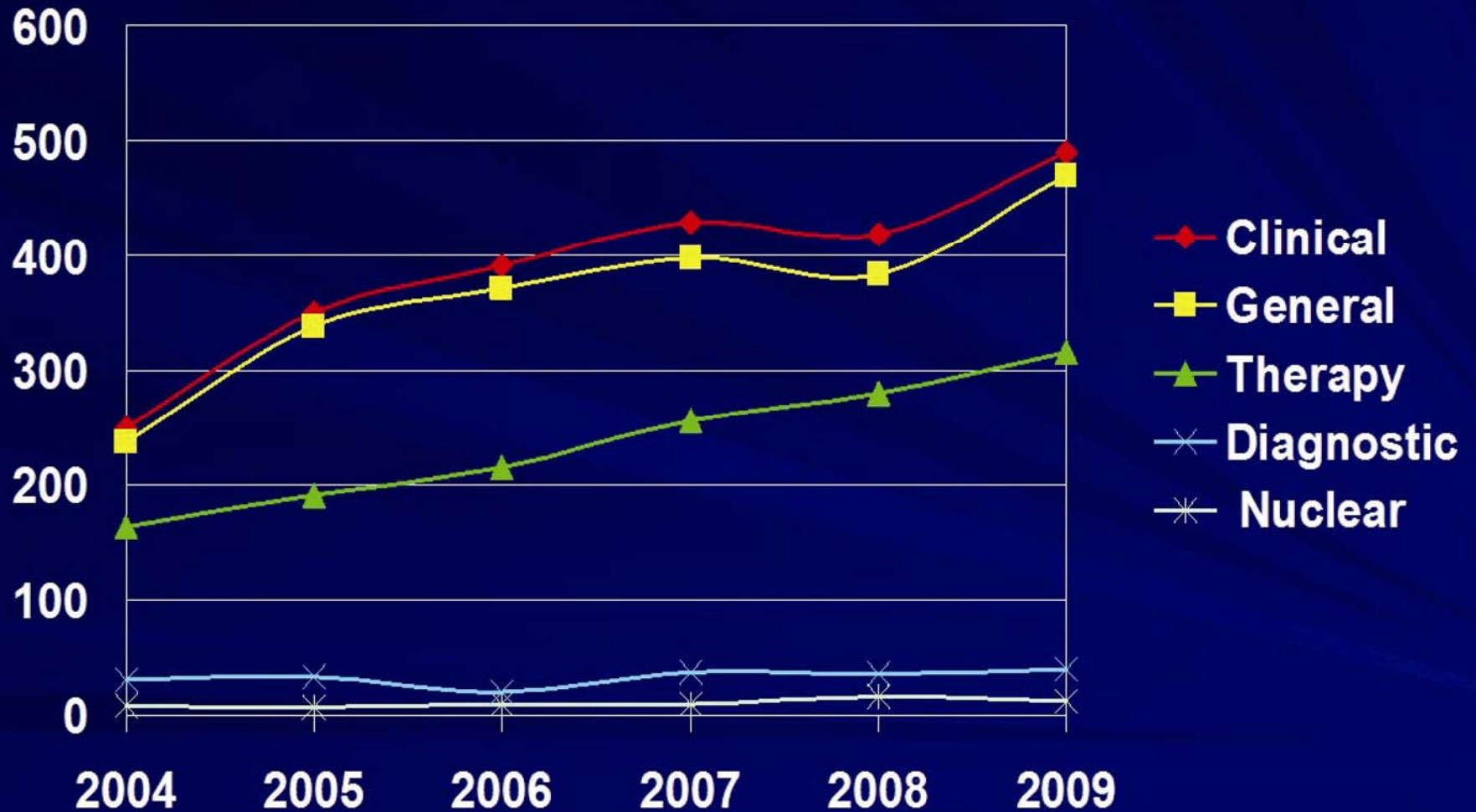
- Recent application numbers
- Candidates for each exam per year
- Passing rates
 - Written
 - Oral
- Failure rates vs. program accreditation
- Number of new ABR RP certificates awarded per year

Recent Application Numbers (new per year)

	2008	2009	2010 (prelim)	Percent increase
Part 1	340	415	527	+ 55%
Part 2	290	320	303	- - -

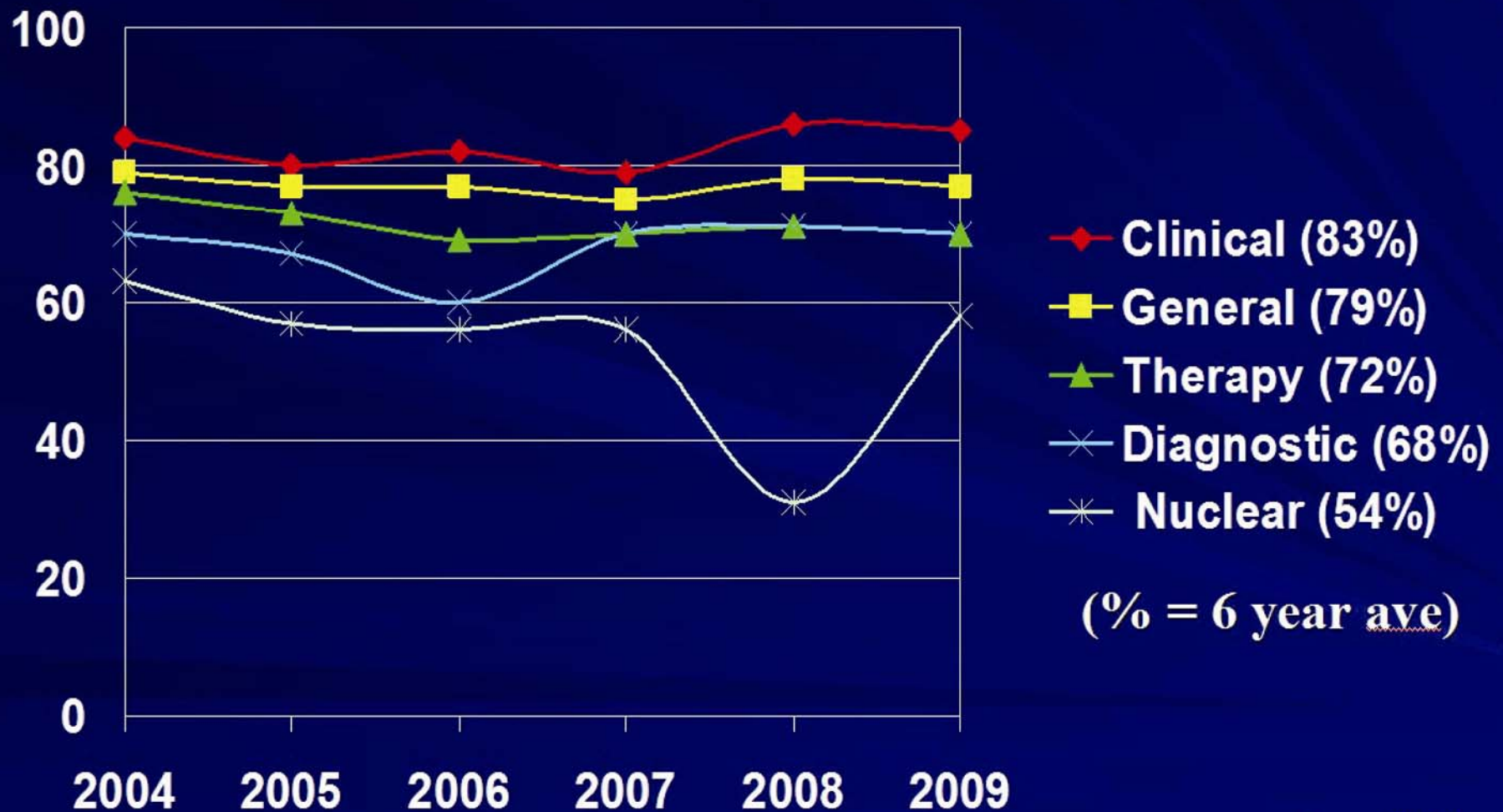
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Candidates per Year: RP Written Examinations



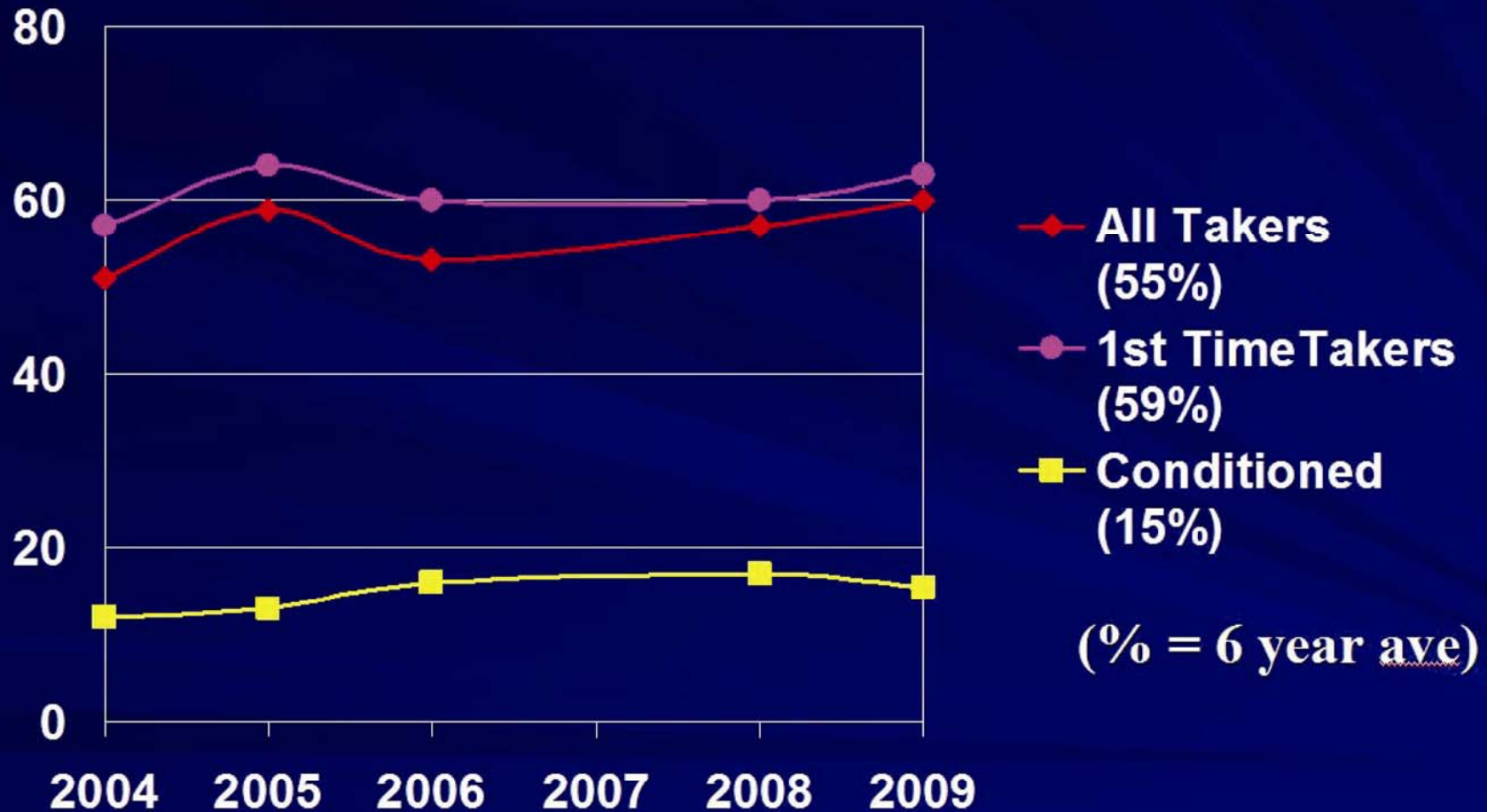
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Written Exam Pass Rates (%)



Jan 2010

Oral Exam Pass Rates (%)



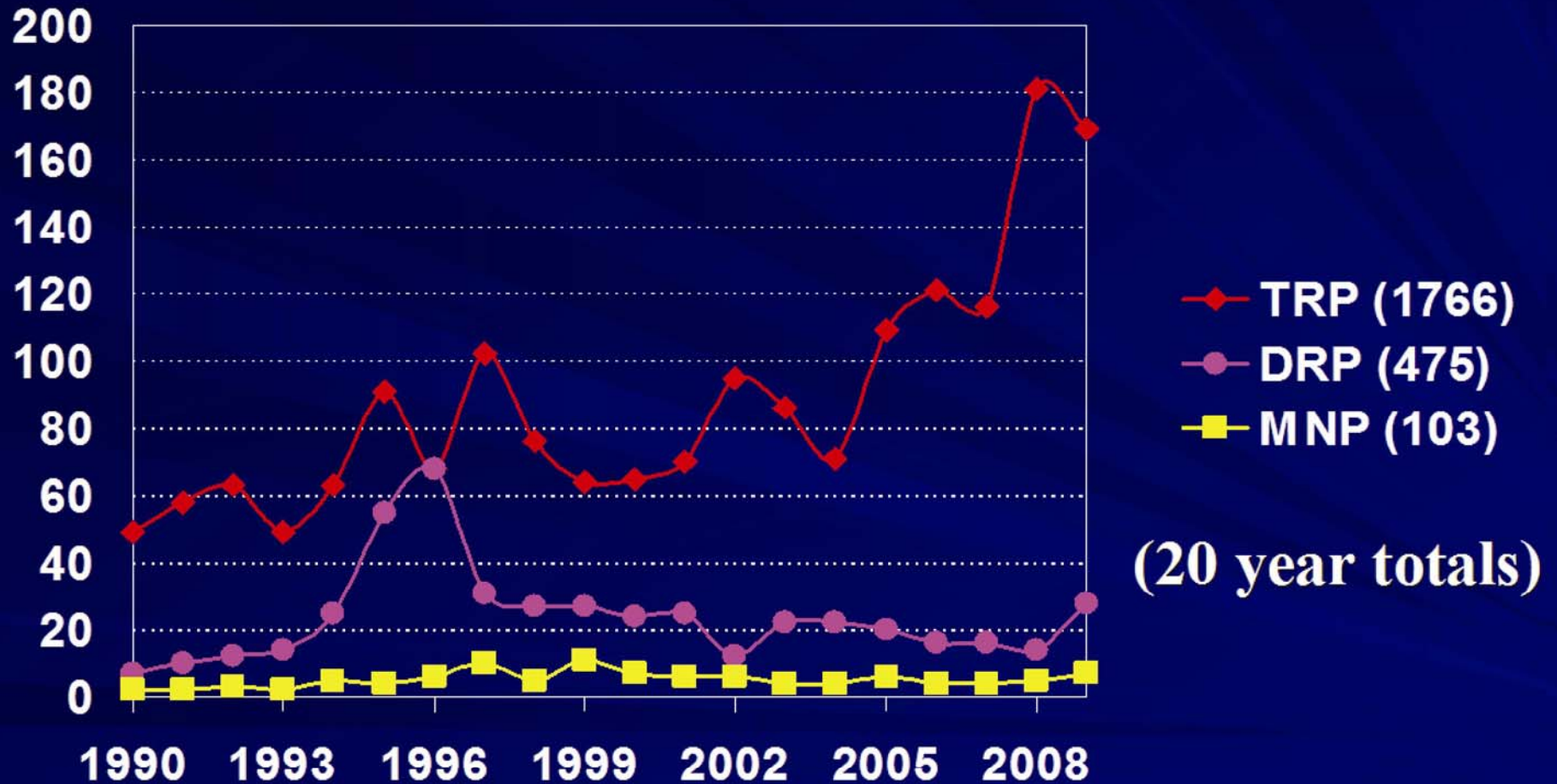
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Failure Rates: non-CAMPEP vs. CAMPEP 2003 - 2009

	Non- CAMPEP	CAMPEP
Part 1	13.3%	11.1%
Part 2	20.7%	10.8%
Oral	28.4%	25.1%

Jan 2010

ABR RP Diplomates per Year (New Certificates)



Jan 2010

2010 ABR Applications: Part I

428 applications received

287 applications approved

Remainder in appeal

2010 ABR Applications: Part II or Part I/II

328 applications received

286 applications approved

Remainder in appeal