

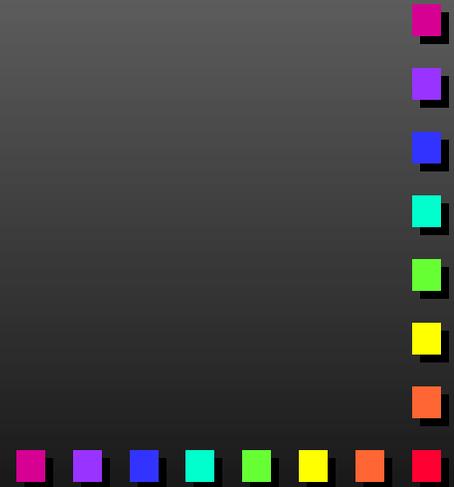
# Gulf War I Registry Examinations

The Atlanta VAMC Experience  
Suzanne Cullins, M.D.



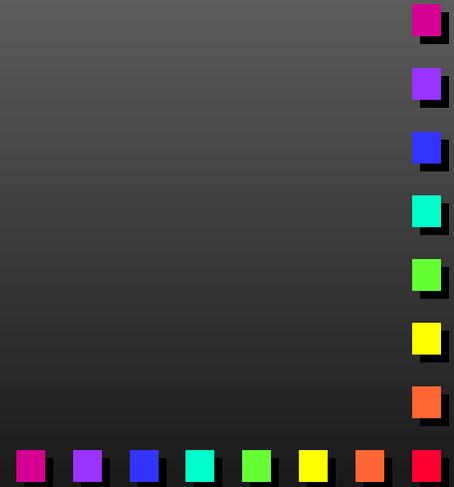
# Gulf War Registry Exams

- Compensation and Pension/Special Exams Unit Section
- C & P exams
- Agent Orange Registry exams
- Gulf War Registry exams
- Military Separation exams
- Other exams



# Gulf War Registry Exams

- Section Chief
- Examiners—MD's, NP's, Fellows, Residents
- Administrative staff



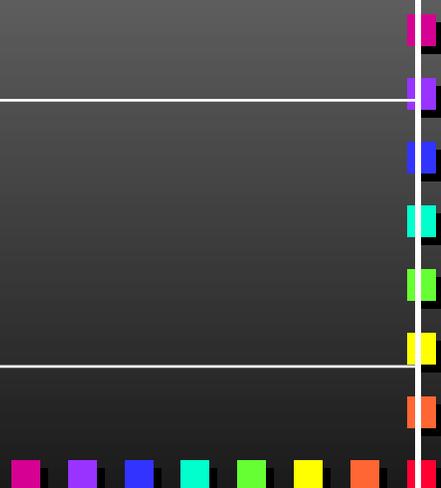
# Gulf War I Era

- Desert Shield and Desert Storm
- U.S. deployed 697,000 military personnel
- Kuwait Theater
- Public Law 102-585—Gulf War Registry



# Gulf War I Veteran's Demographics

Male	93
Female	7
Age (mean) in 1991 (years)	27
Caucasian	70
African American	23
Hispanic	5
Other	2
Enlisted	90
Officer	10
Army	50
Navy	23
Marines	15
Air Force	12
Active duty	83
Reserves or National Guard	17

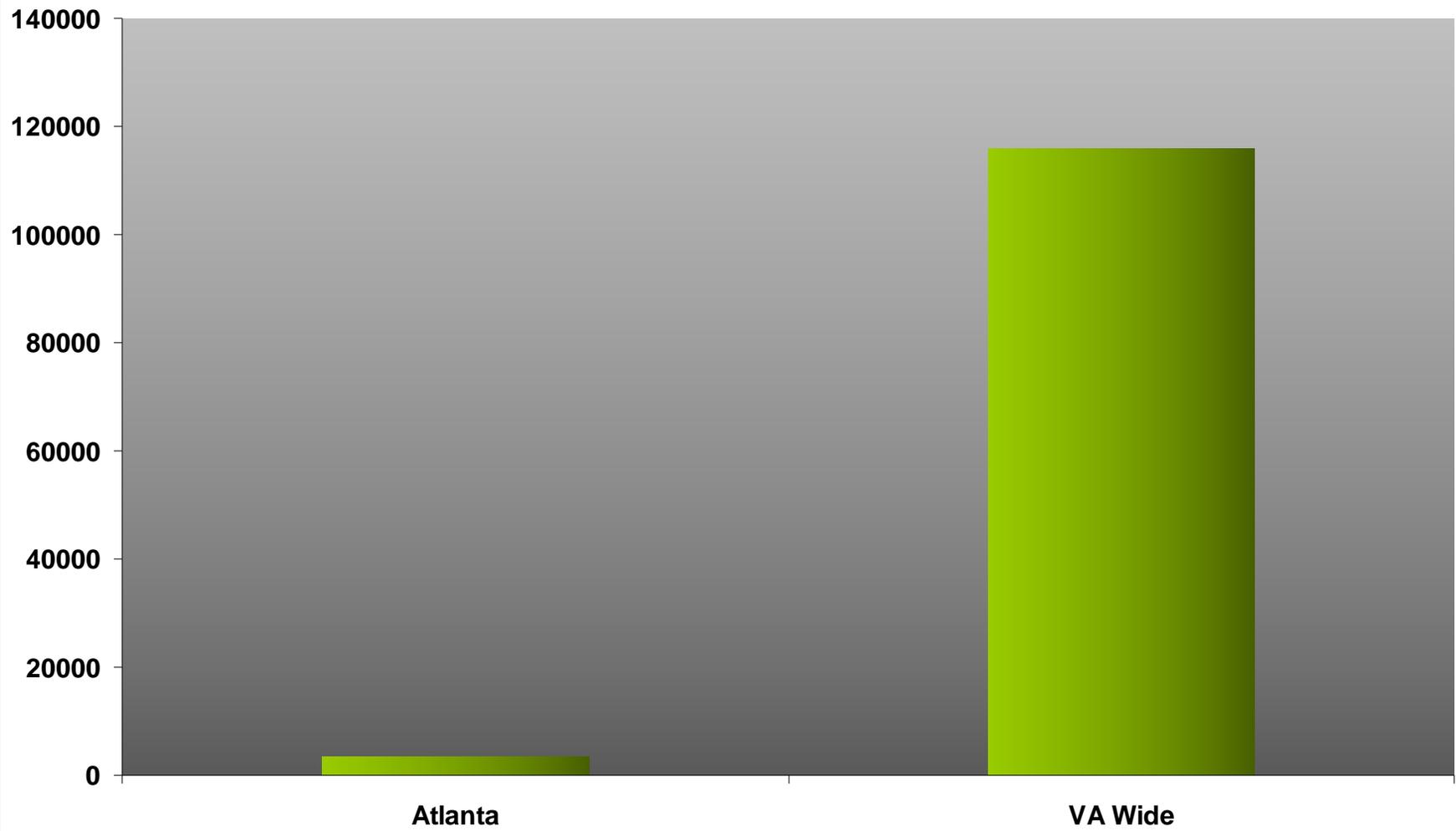


# Gulf War I Registry Exams

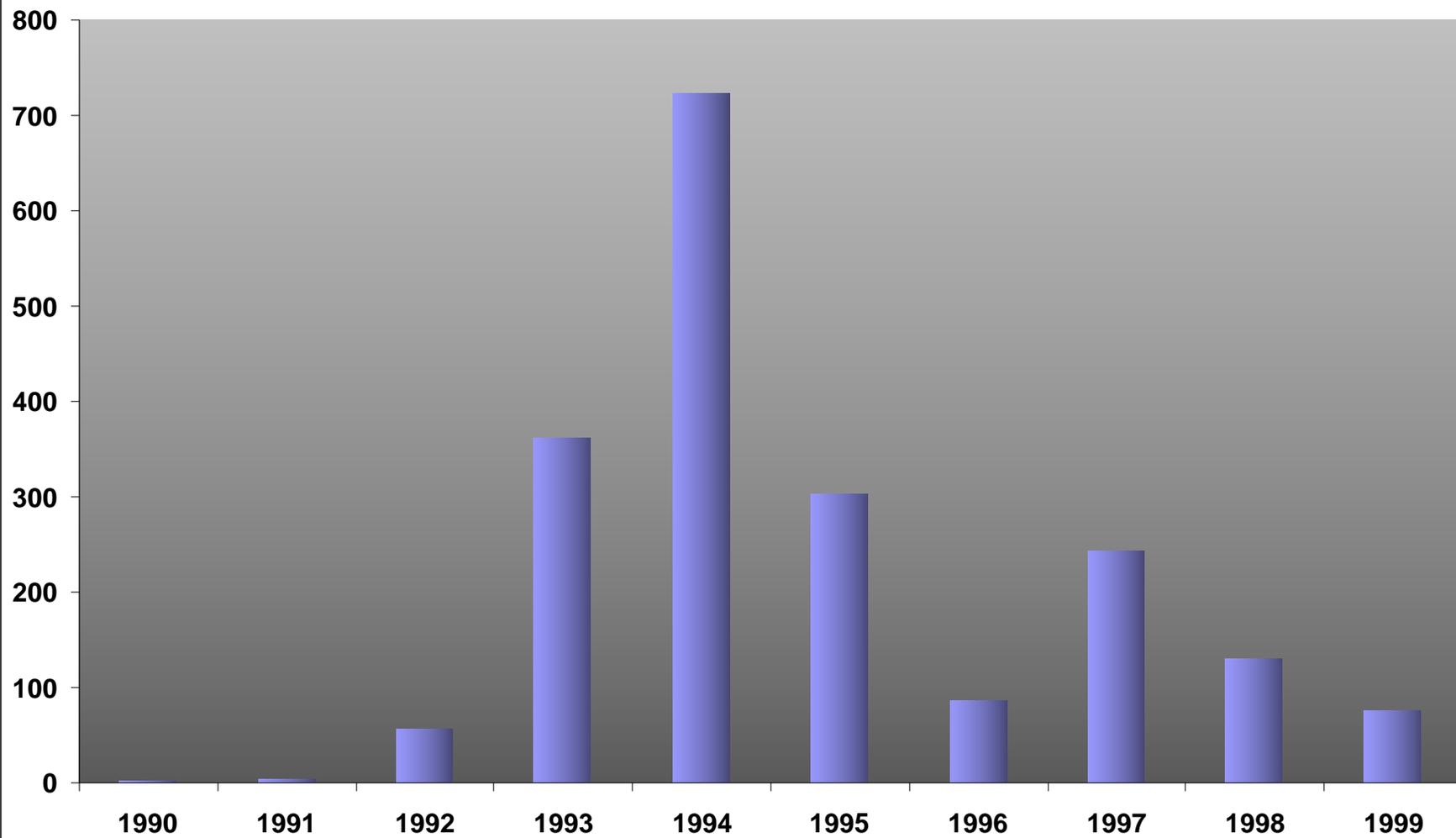
- Per EAS registry, 3272 unique registry exams completed in Atlanta VAMC from 01/01/1990 to 12/31/2008
- Represents 3098 unique veterans—  
2692 males and 406 females
- For 2009, 19 exams for Gulf War I veterans completed to date



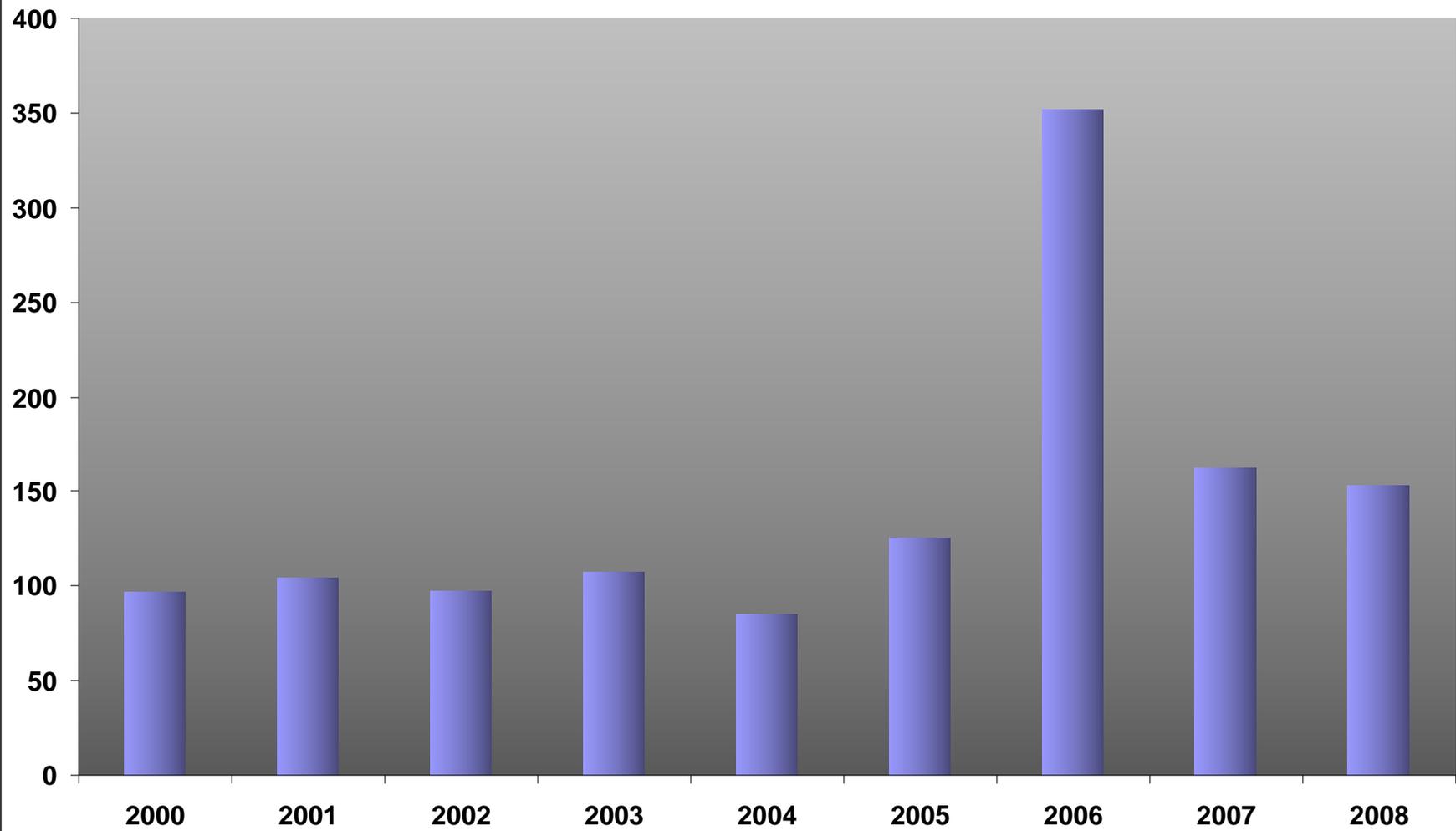
# Gulf War I Registry Exams 1990-2008



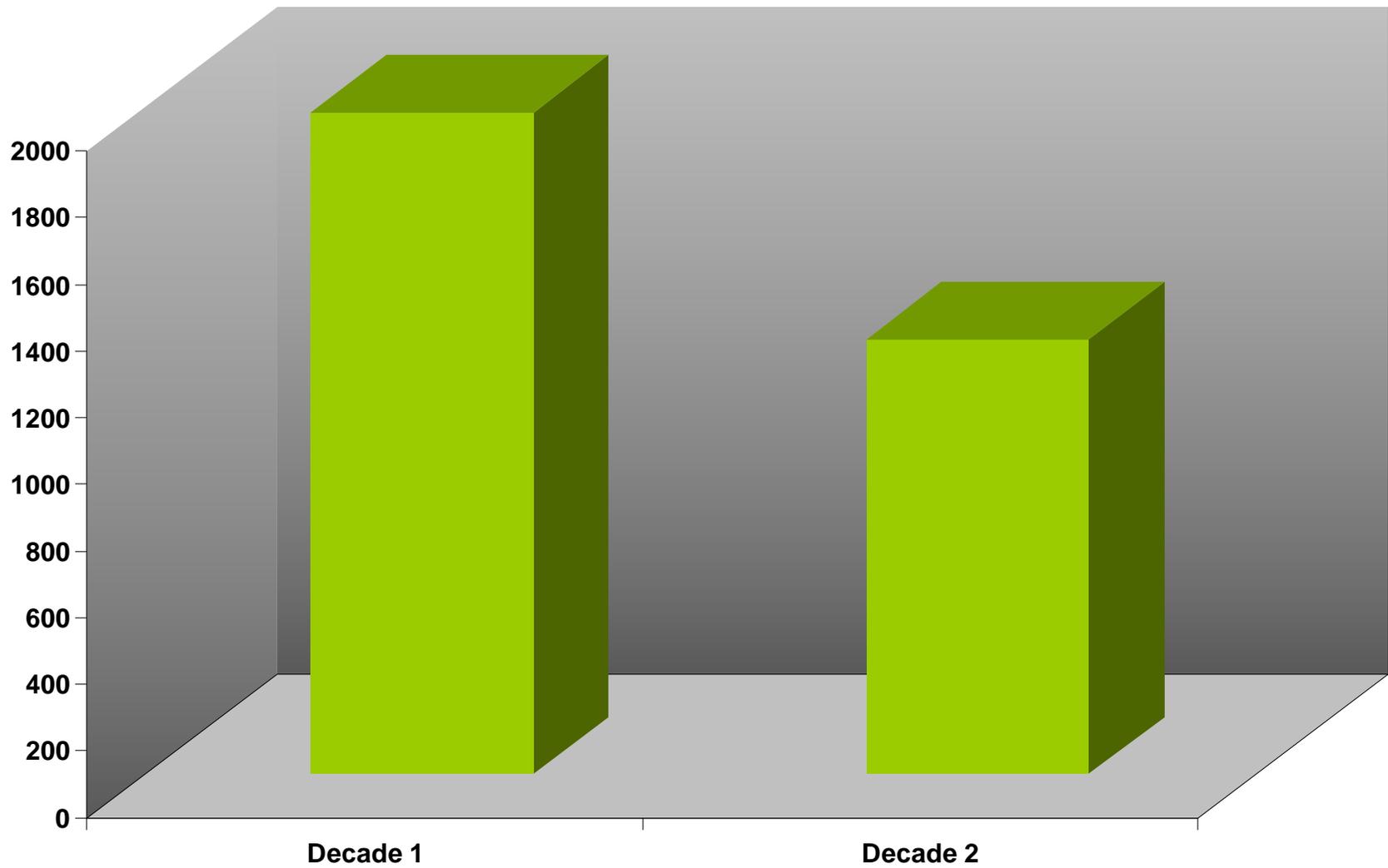
## Atlanta Gulf War I Registry Exams 1990-1999



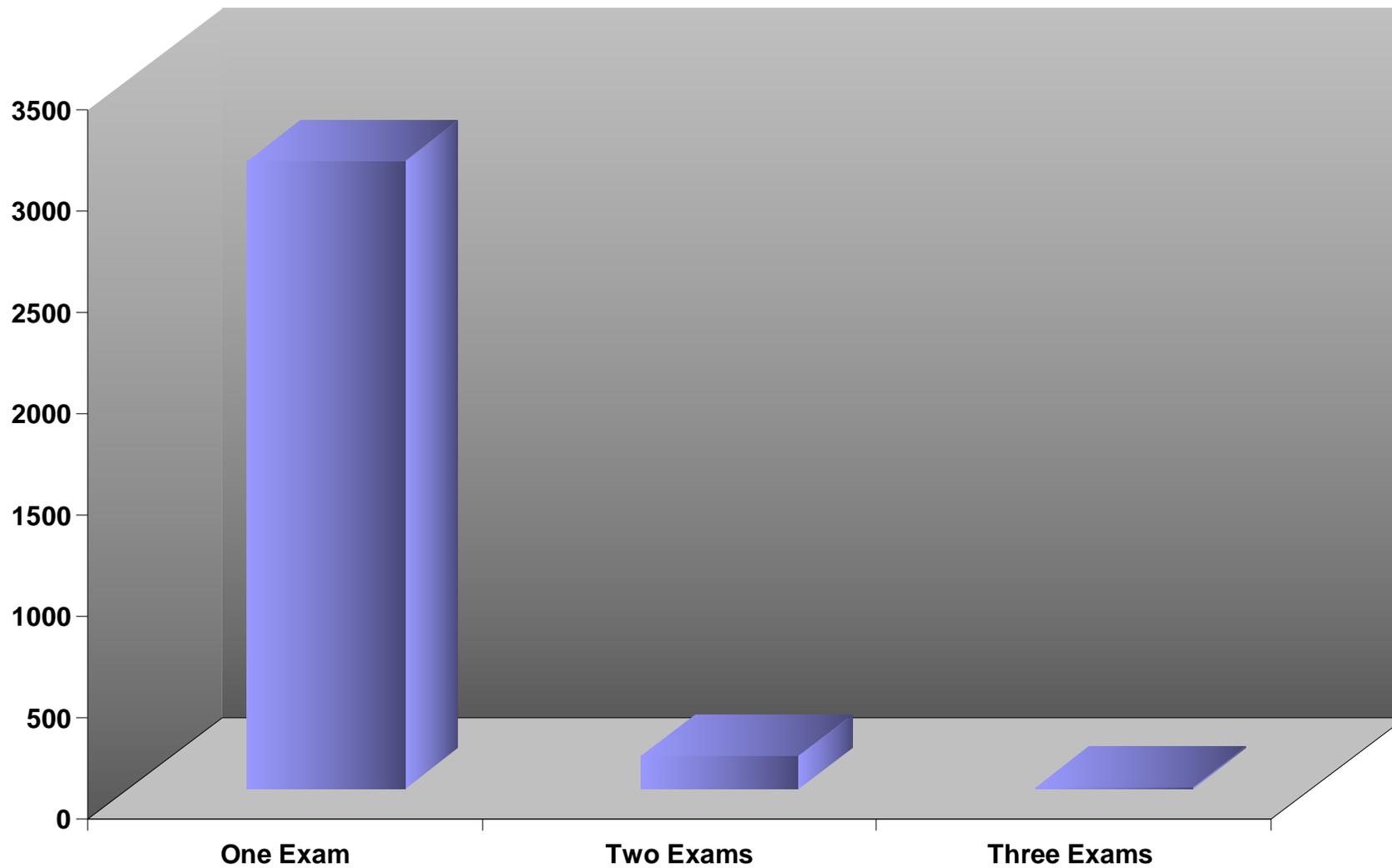
## Atlanta Gulf War I Registry Exams 2000-2008



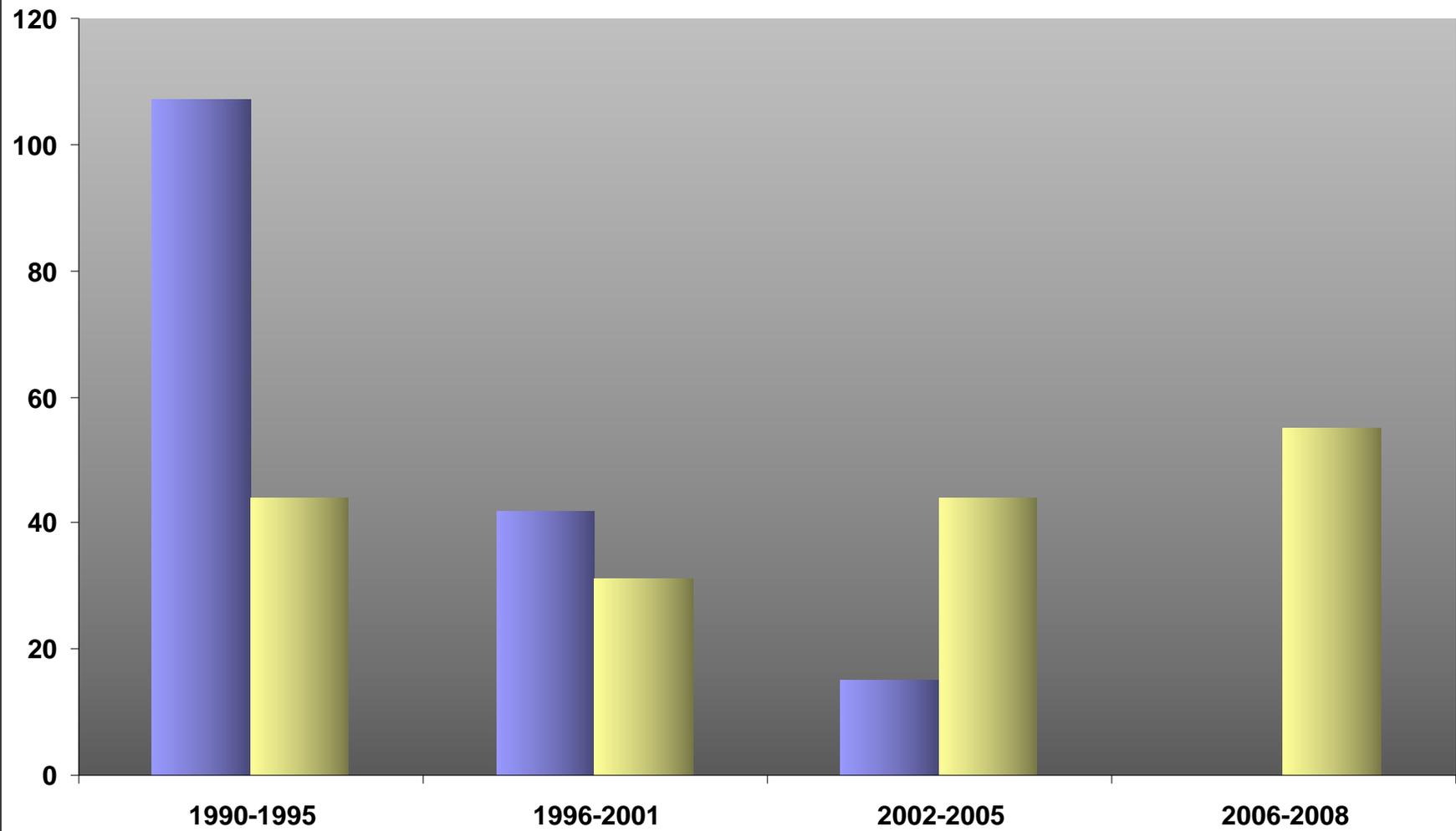
# Atlanta Gulf War I Registry Exams for Two Decades



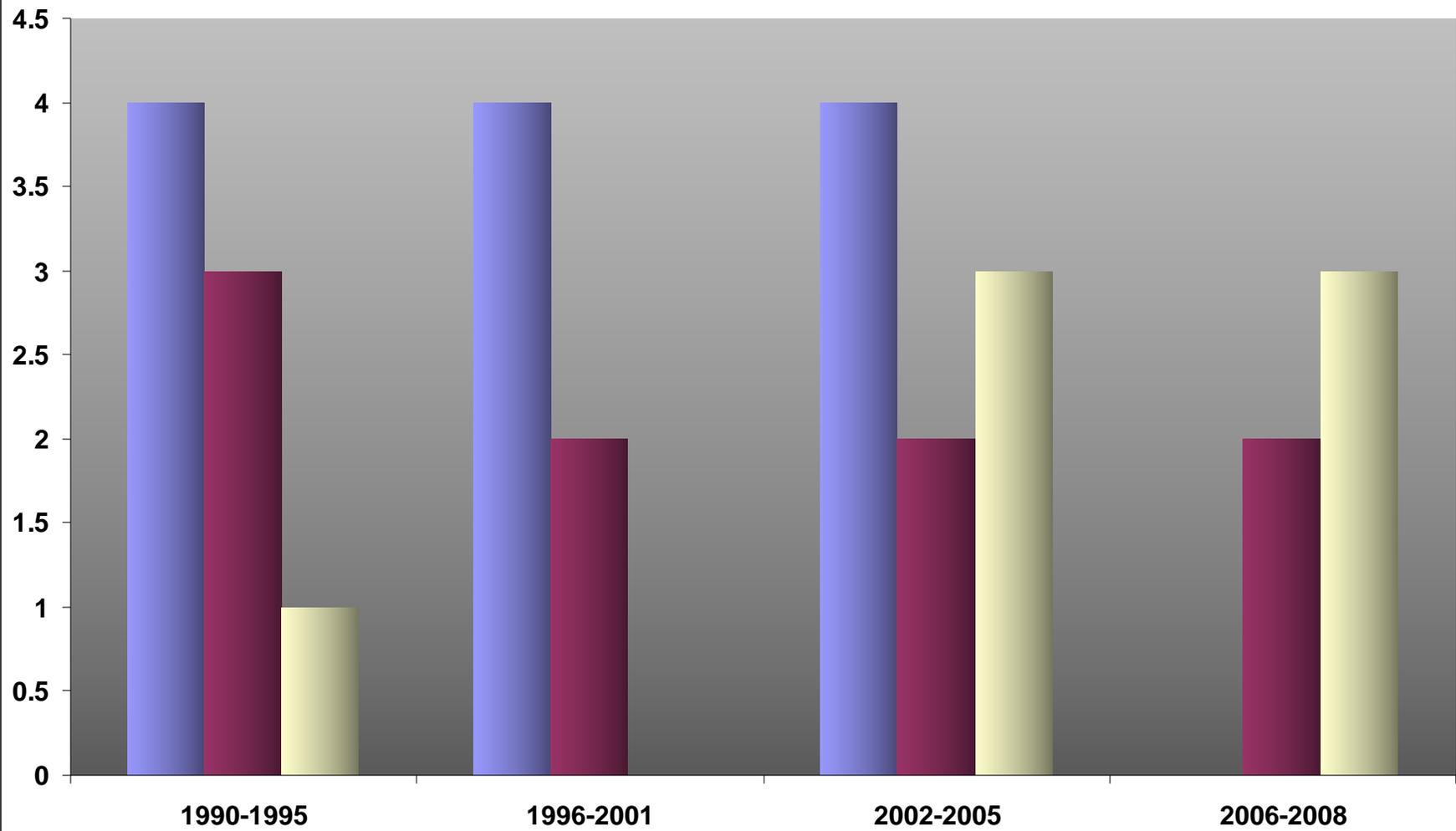
# Atlanta Gulf War I Registry Exams 1990-2008



## Two Gulf War I Registry Exams



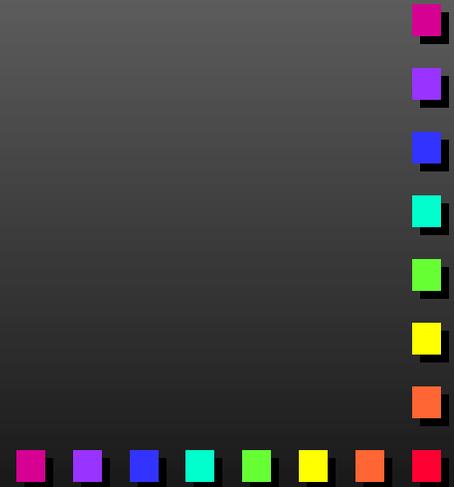
## Three Gulf War I Registry Exams



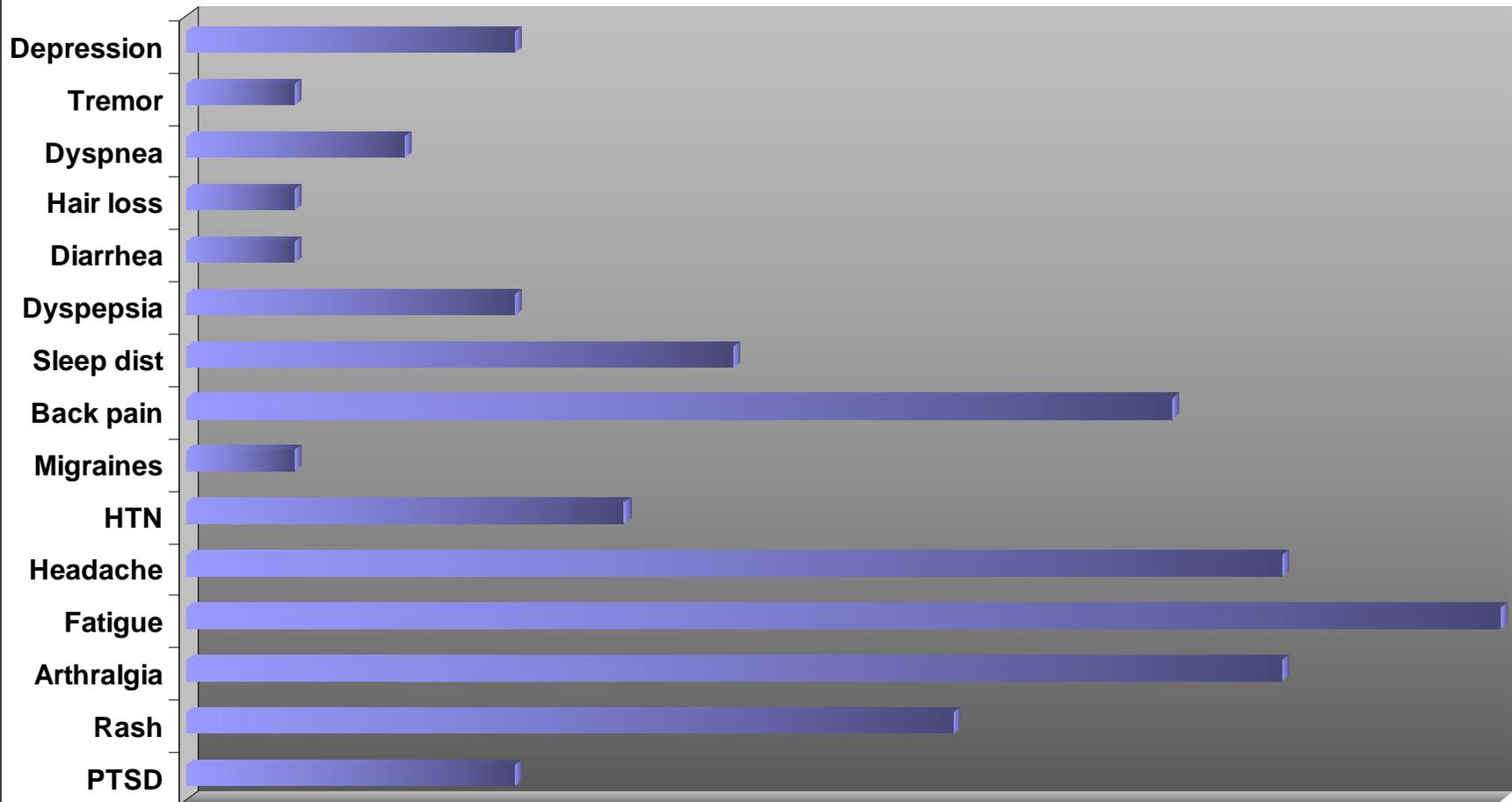
# Gulf War I Registry Exams

## Exposures

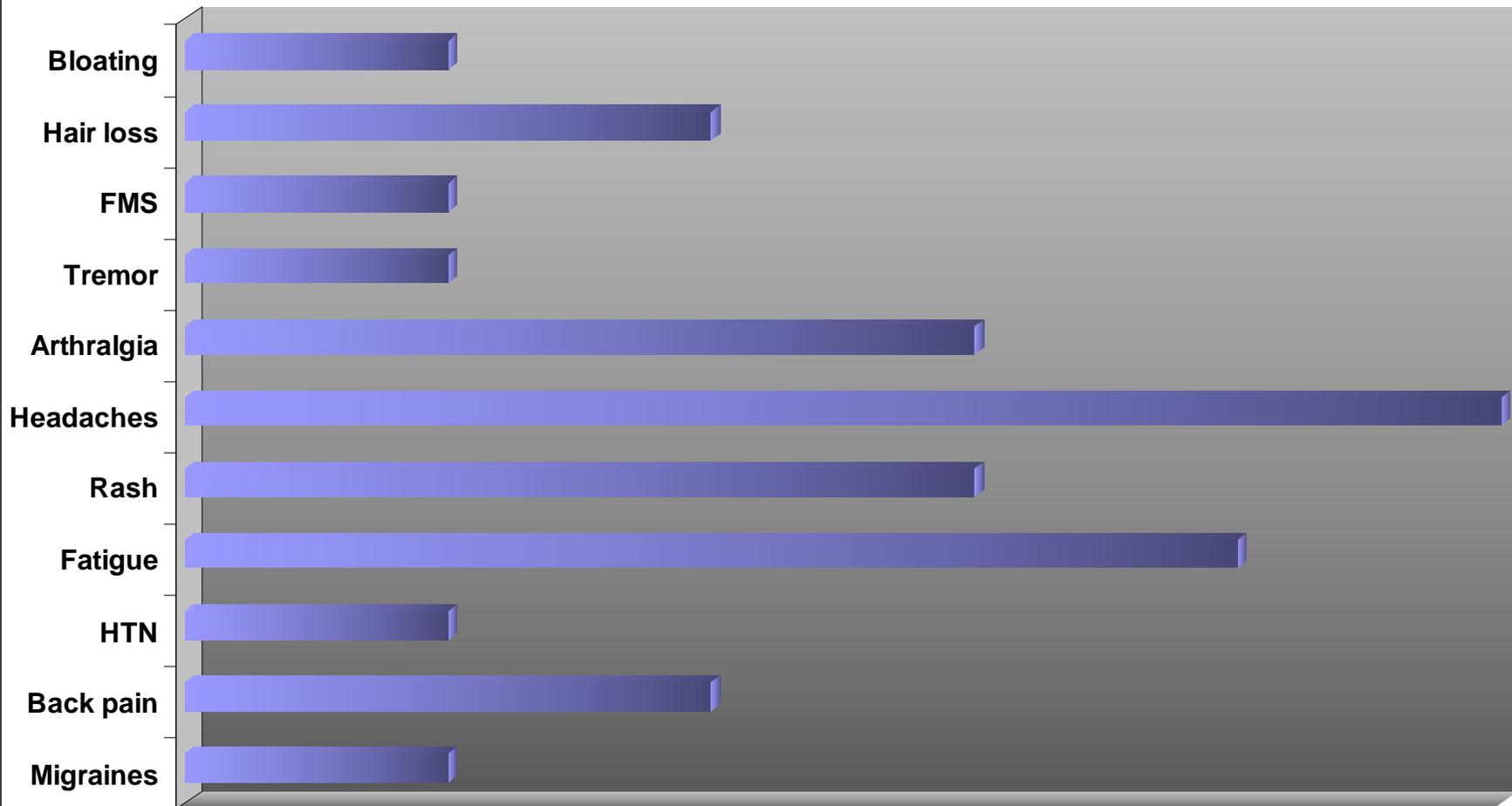
- Smoke from oil fires
- Diesel fumes
- Exposure to burning trash/feces
- Drank or consumed food contaminated with smoke, oil or other chemicals
- Unknown chemicals
- Bathed in contaminated water
- Drank contaminated water



## Common Symptoms/Complaints in Male Veterans

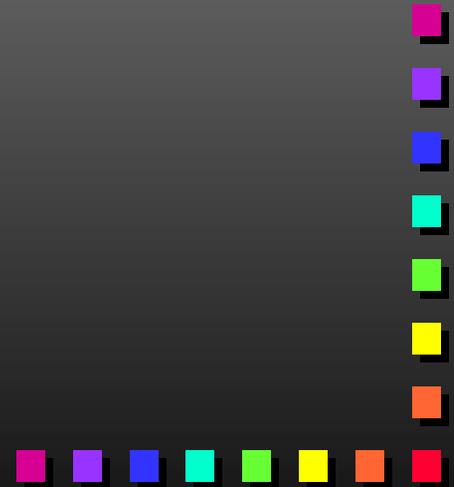


## Common Symptoms/Complaints in Female Veterans



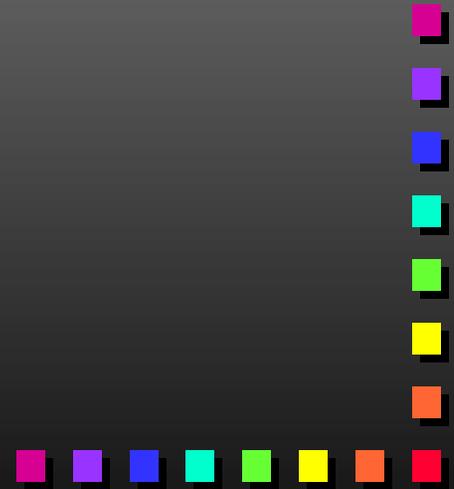
# Gulf War I Registry Exams

- PTSD
- Panic disorder
- Diverticulitis
- Migraine headaches
- Diabetes mellitus
- Sleep apnea



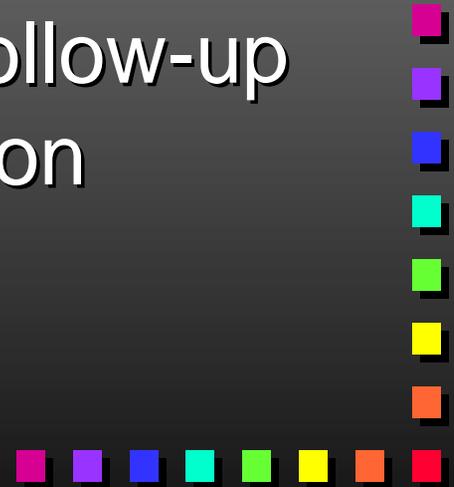
# Gulf War I Registry Exams

- Coronary atherosclerotic heart disease
- Depressive disorder
- Benign prostate hypertrophy
- Hiatal hernia
- Bipolar disorder
- DJD of multiple joints



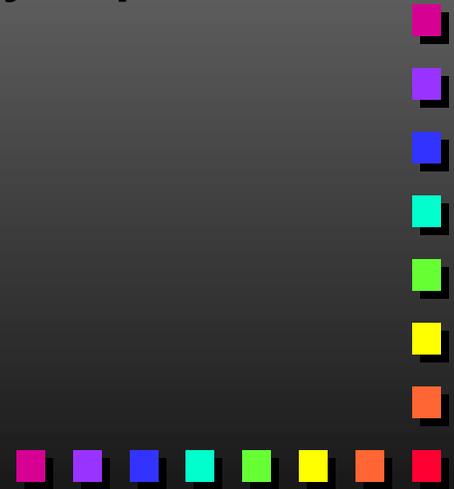
# Gulf War I Registry Exams

- Complete Compensation and Pension claim if not already done
- Primary care follow up at the VAMC or with private provider
- As health condition changes, follow-up with another registry examination



# Gulf War I Veterans and C & P examinations

- Exam specific requests seen in veteran who served in Gulf War
- Gulf War exam requests with symptom related complaints



# Gulf War I Veterans and C & P Examinations

- Cough
- Dyspnea
- Fatigue
- Arthralgias
- Rash
- Chest pain
- Gastroenteritis
- MS
- Headaches
- Rhinitis/Sinusitis
- Back pain
- Sleep disorder
- FMS
- CFS
- Memory Loss
- Depression



# Gulf War I Veterans and C & P Examinations

- Greater outreach and encouragement to complete Gulf War registry examinations
- Encouragement to complete C & P claims
- Awareness that the VAMC is available and ready to assist with healthcare needs



# References

- EAS Registry reports and data, retrieved 02/09/2009
- Atlanta VAMC Gulf War Registry exam data, retrieved 02/09/2009
- IOM, Gulf War and Health, Volume I
- IOM, Gulf War and Health, Volume IV
- [www.va.gov](http://www.va.gov)

