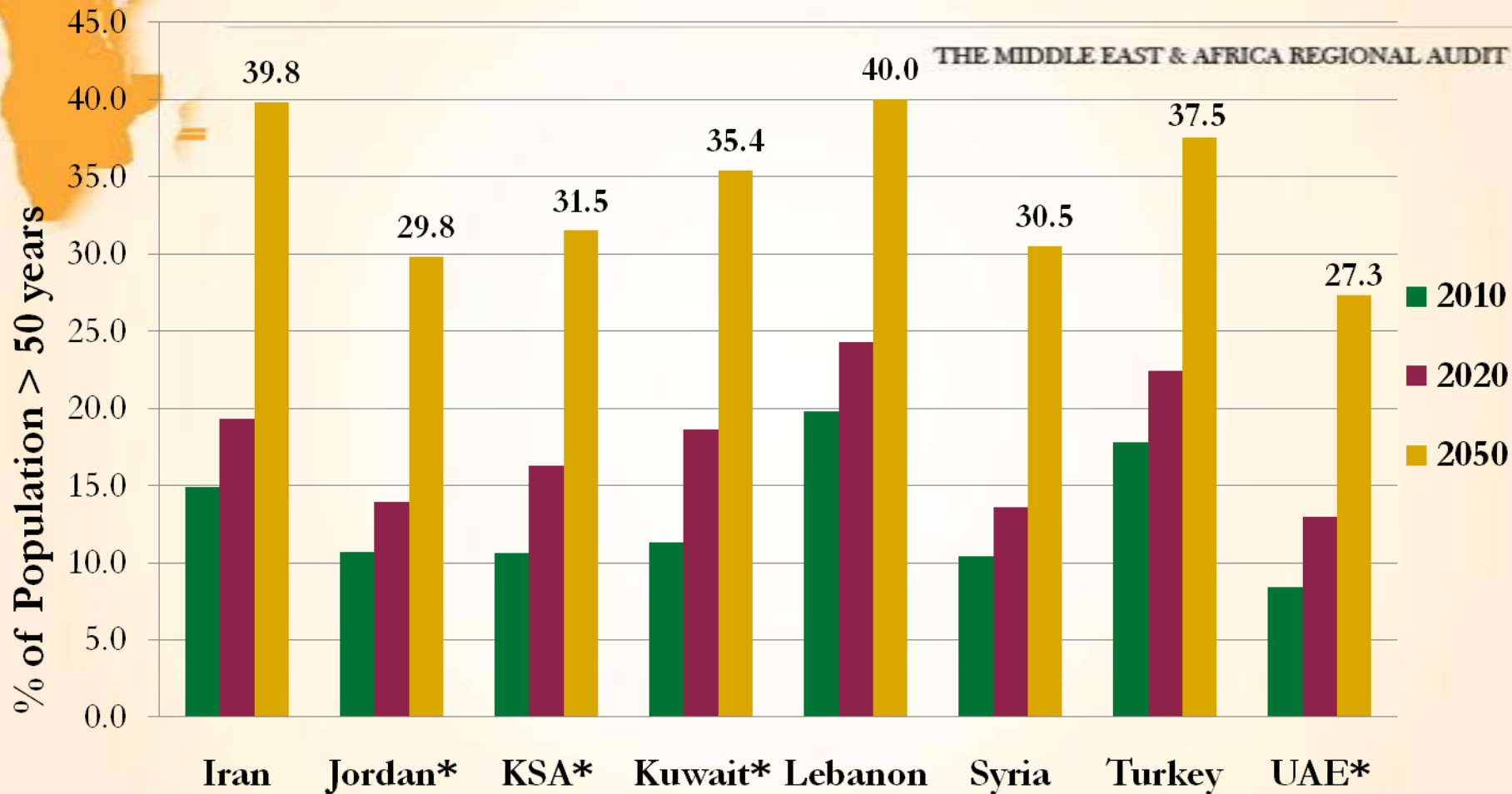


KEY FINDINGS FROM AUDIT TIME LINE & COUNTRIES

THE MIDDLE EAST & AFRICA REGIONAL AUDIT

- Initiated Fall 2010-Literature search Jan-March 2011-IOF templates sent and received back spring 2011- Review and synthesis spring-summer 2011- Drafts and revisions July-Sept 2011- Finalized October 2011
- Middle East & Africa: 67 countries
- Pre-defined comprehensive search strategy with its 6 stages applied to all 67 countries:3650 hits: → 423 made the title screen, 106 the abstract screen and 70 the full article screen
- Audit focused on 17 countries in the region with IOF linked CNS societies and sufficient information identified through search or as provided by KOL

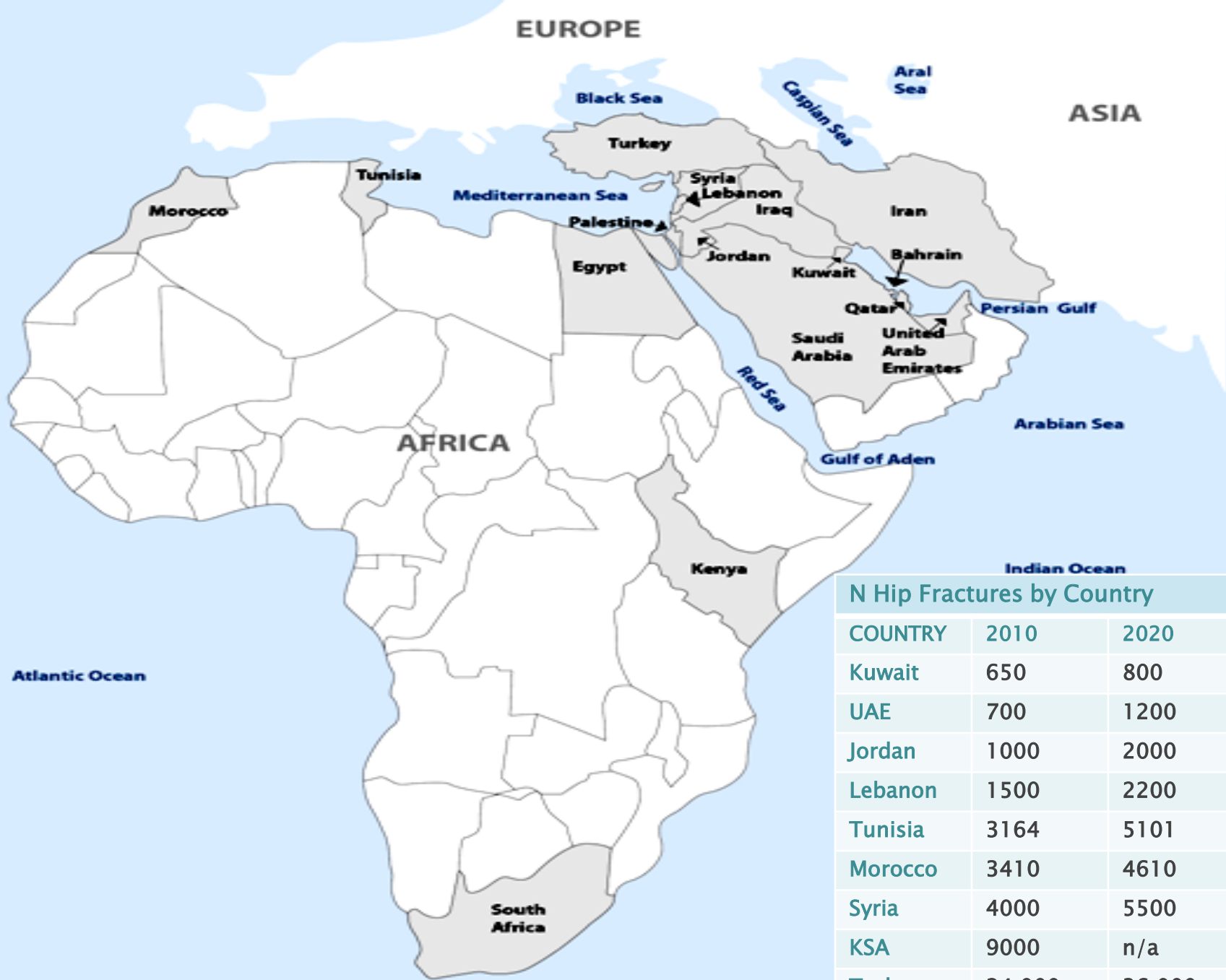
POPULATION PROJECTIONS: MIDDLE EAST



*Note: Iraq has similar proportions and projections as Jordan
Bahrain has similar proportions and projections as the KSA
Qatar has similar proportions and projections as the UAE

<http://www.worldbank.org> 3-2011

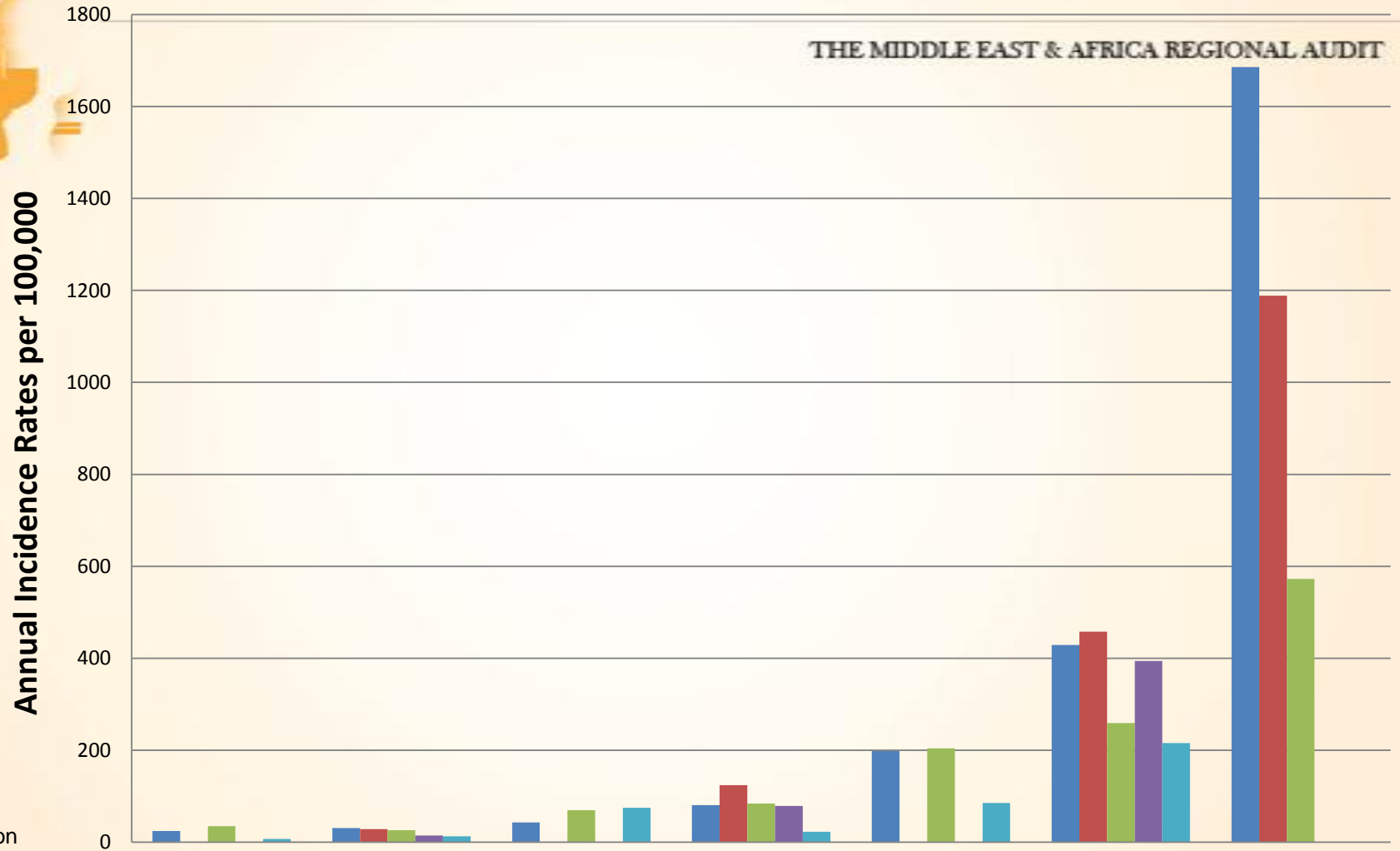
AUDIT COUNTRIES



COUNTRY	2010	2020
Kuwait	650	800
UAE	700	1200
Jordan	1000	2000
Lebanon	1500	2200
Tunisia	3164	5101
Morocco	3410	4610
Syria	4000	5500
KSA	9000	n/a
Turkey	24,000	36,000
Iran	50,000	62,000

HIP FRACTURE ANNUAL INCIDENCE RATES

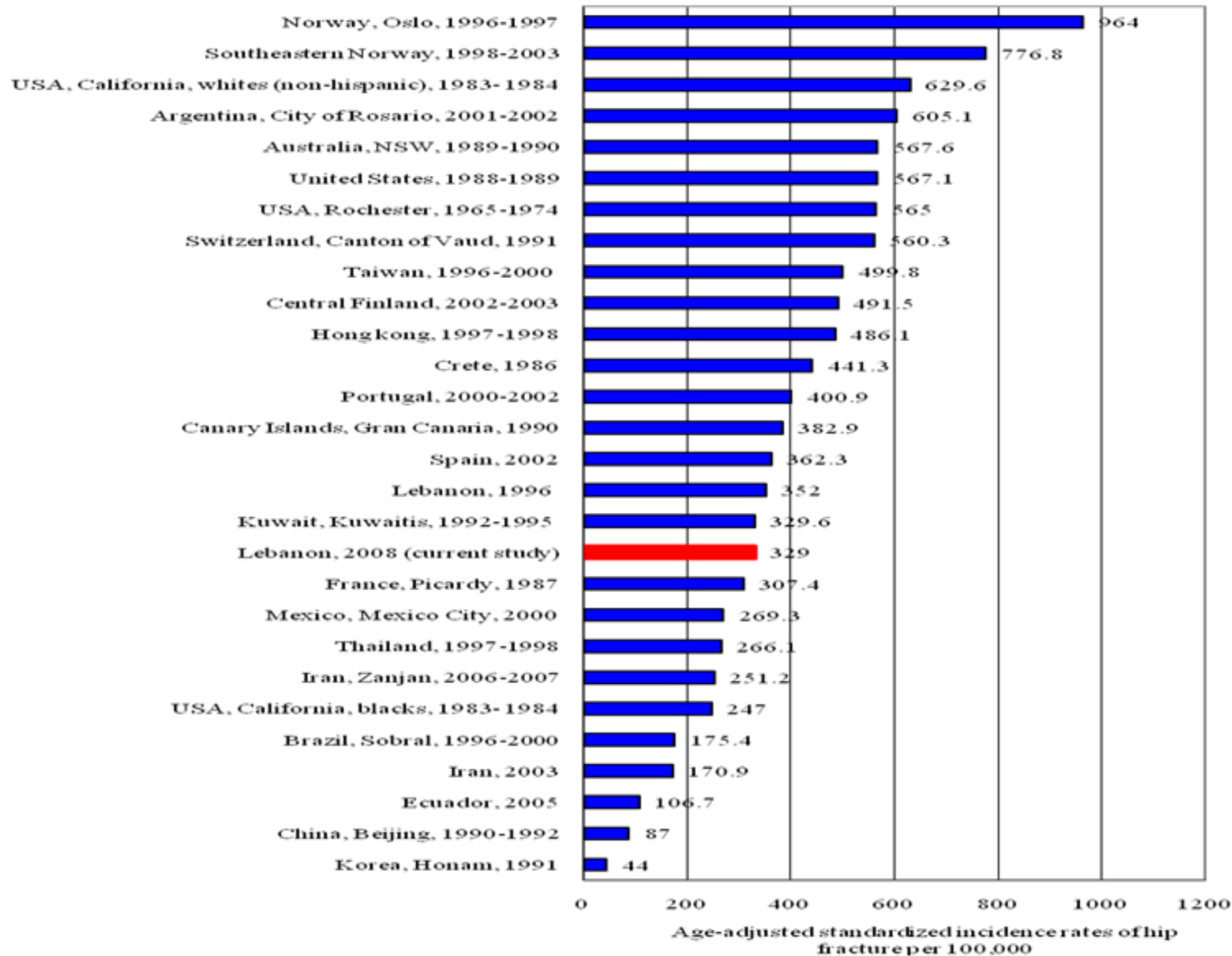
WOMEN in EASTERN MEDITERRANEAN COUNTRIES



- Lebanon
- Kuwait
- Iran
- Saudi Arabia
- Morocco

VARIABILITY OF HIP FRACTURE RATES AMONG WOMEN WORLDWIDE

Age-standardized rates per 100,000



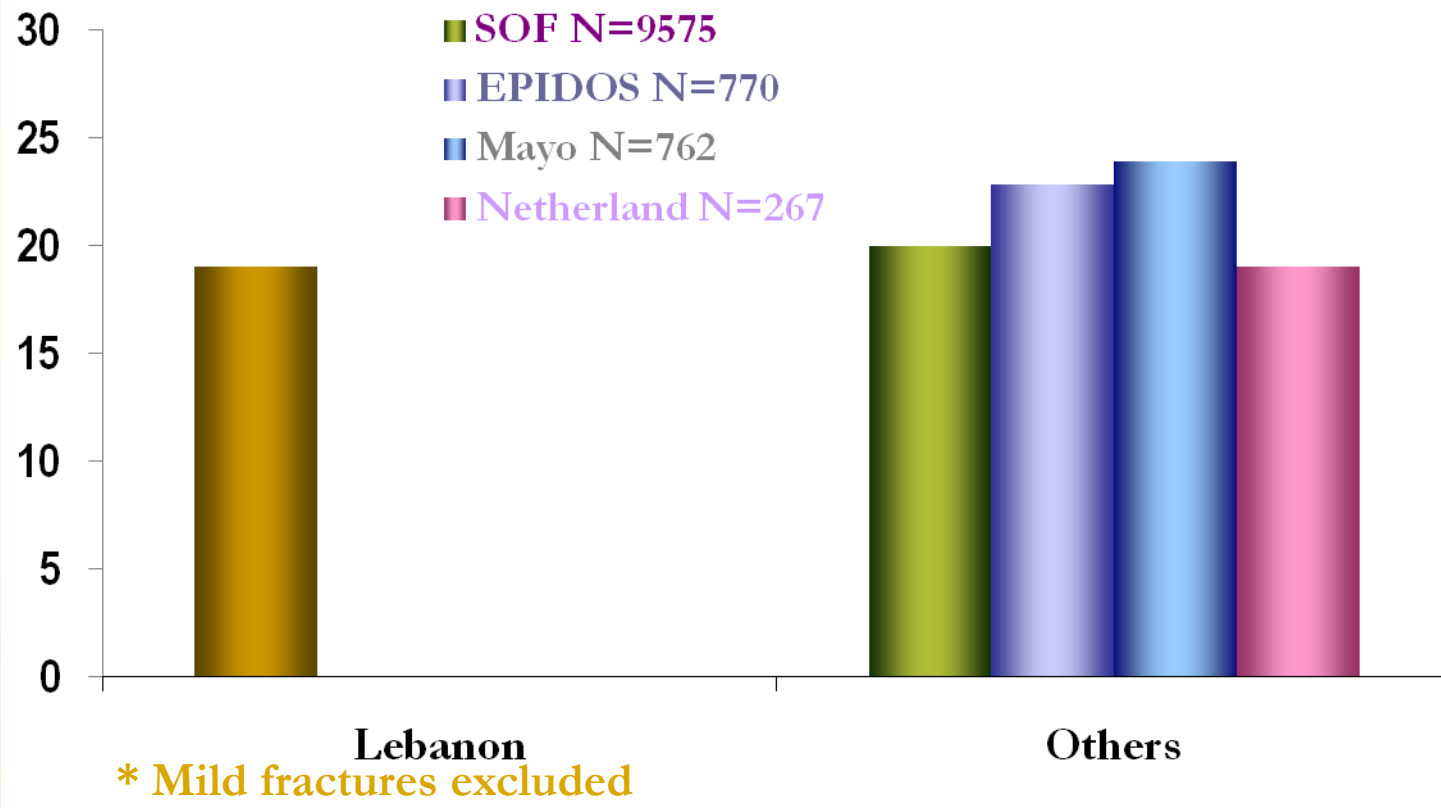
REGIONAL AUDIT

RR 23X

PREVALENCE OF MORPHOMETRIC VFX* IN WOMEN

Age
Range

Lebanon	Netherlands	Mayo	SOF	EPIDOS
73(6)			72(5)	80(3)
65-85	≥65	65-85	>65	



Baddoura, Arabi, El-Hajj Fuleihan, Bone 2007; 40:1066- Pluijm et al-JBMR 2000; 15:1564-
Melton et al-OI 1993;3:113- Grados et al-Bone 2004;34:362-
Kado et al-Arch Int Med 1999;159:1215-