

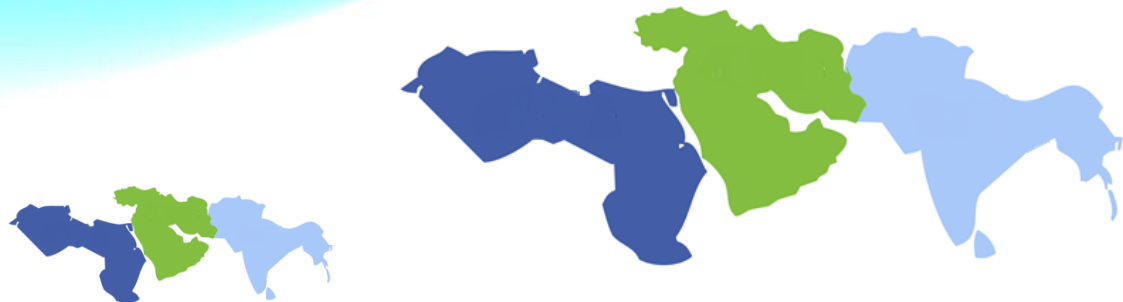
Middle East and Adjoining Countries –  
School on Internet Governance 2015  
Tunisia



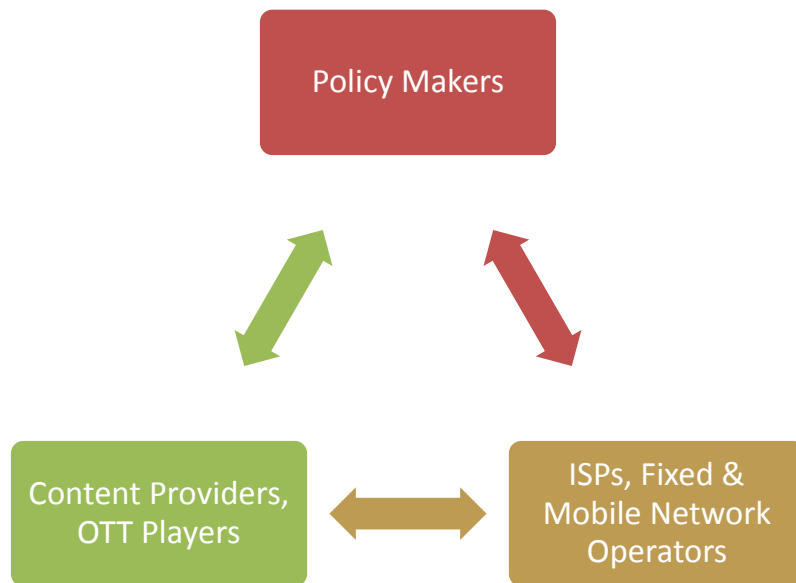
# “Internet and its Evolution: A Regional Perspective”



**Zakir Syed**  
ICANN Fellow  
*Pakistan*



# Internet Governance & Policy Dynamics



- Regional markets are evolving in terms of connectivity, with the Middle East and Africa expected to experience the largest growth rate, with an expected **129 percent CAGR** from **2010 to 2015**. (CISCO)

- Global mobile data traffic reach 6.3 Exabytes resulting from a surge in online video and gaming services.

## Major Pressure Points

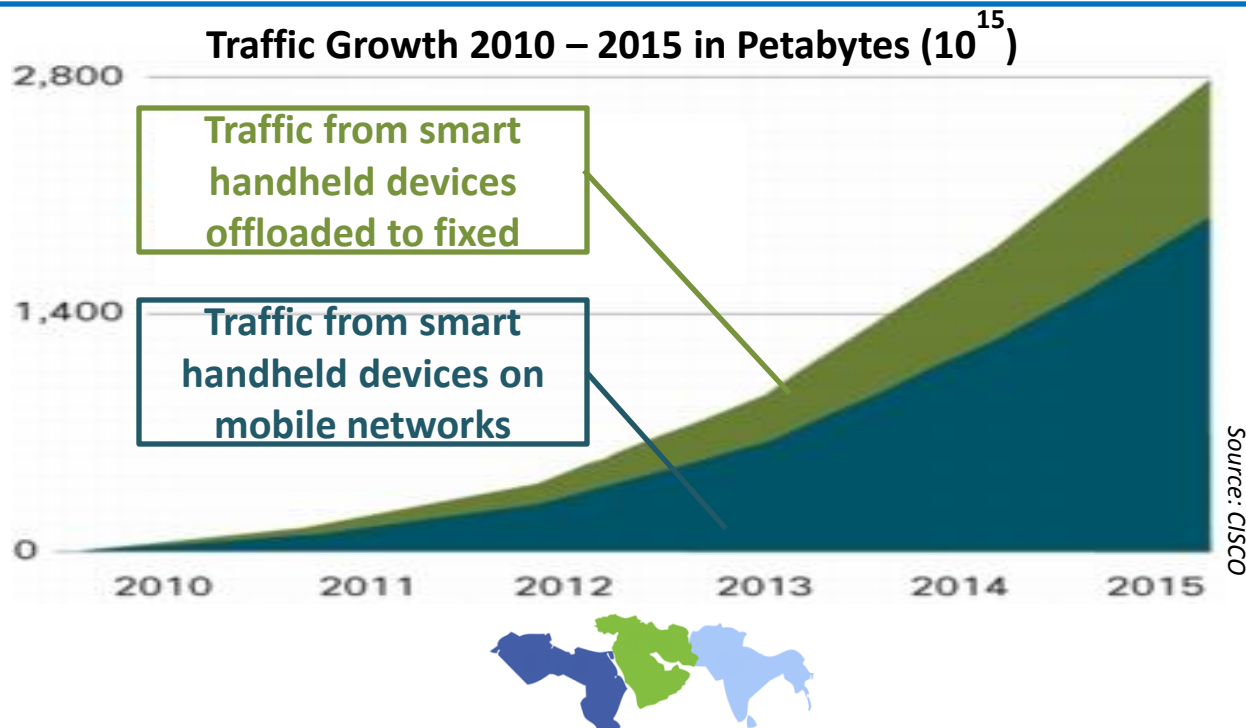
- Traffic rise
- Capacity demands
- Long-term sustainability issues
- Collaboration and revenue-sharing models
- **Internet Governance**

*Consensus among stakeholders appears to be the only way to realizing **sustainable Internet business models!***



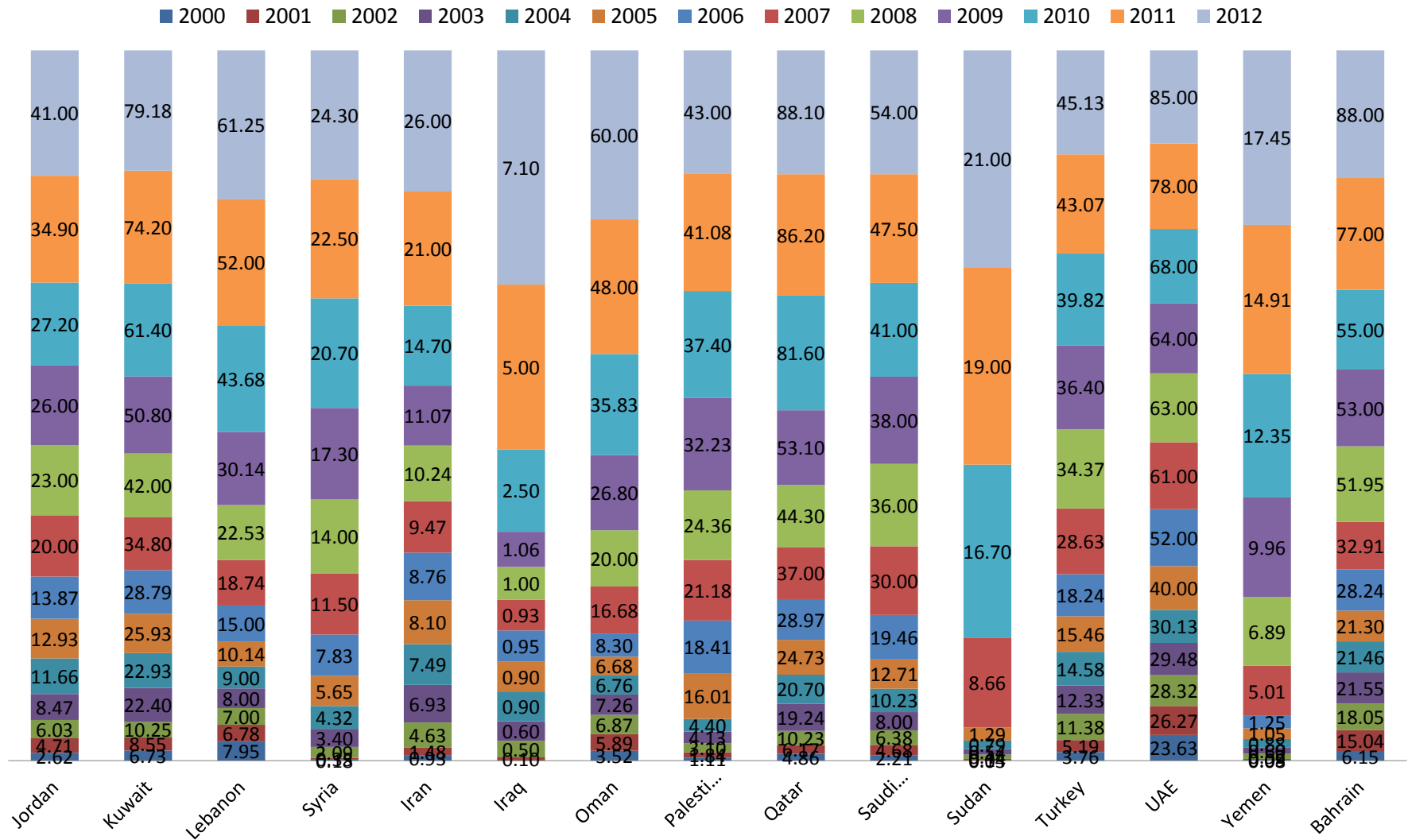
# Internet Traffic Growth

- Mobile video content is generating much of the mobile traffic growth.
- The Middle East and Africa are having some of the strongest mobile data traffic growth rates of any region at 129 percent CAGR 63-fold from 2010 to 2015.
- Video over IP traffic is projected to cross 35 Exabytes ( $10^{18}$ ) by 2015.
- Online video represent over 90% of all consumer traffic by 2015.



# Internet Use in the Regional Countries

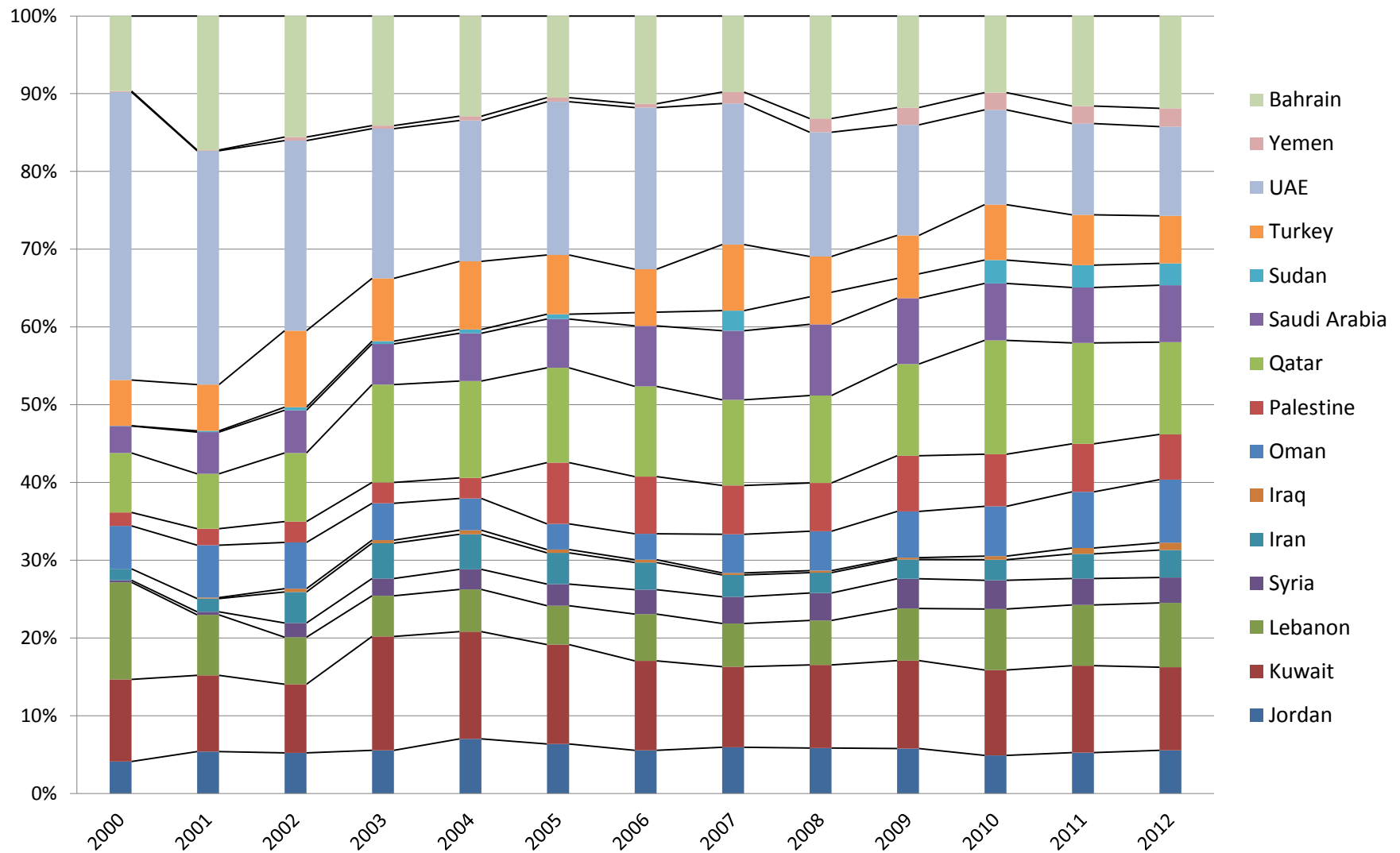
## Percentage Population Using Internet - The Middle East



Data Source: ITU, World Bank, NRA's



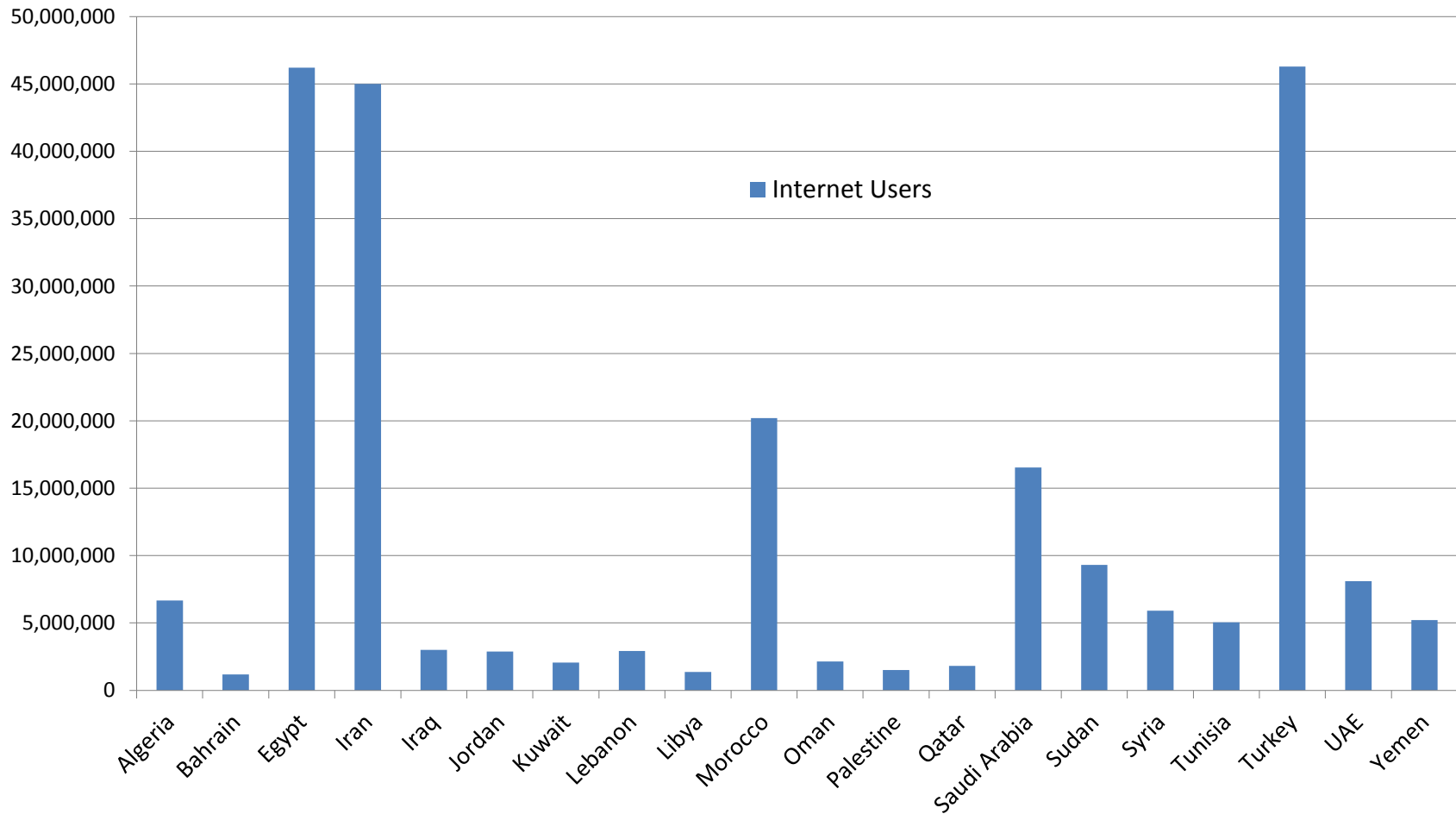
# Internet Evolution- In terms of Regional Markets



Data Source: ITU, World Bank, NRA's



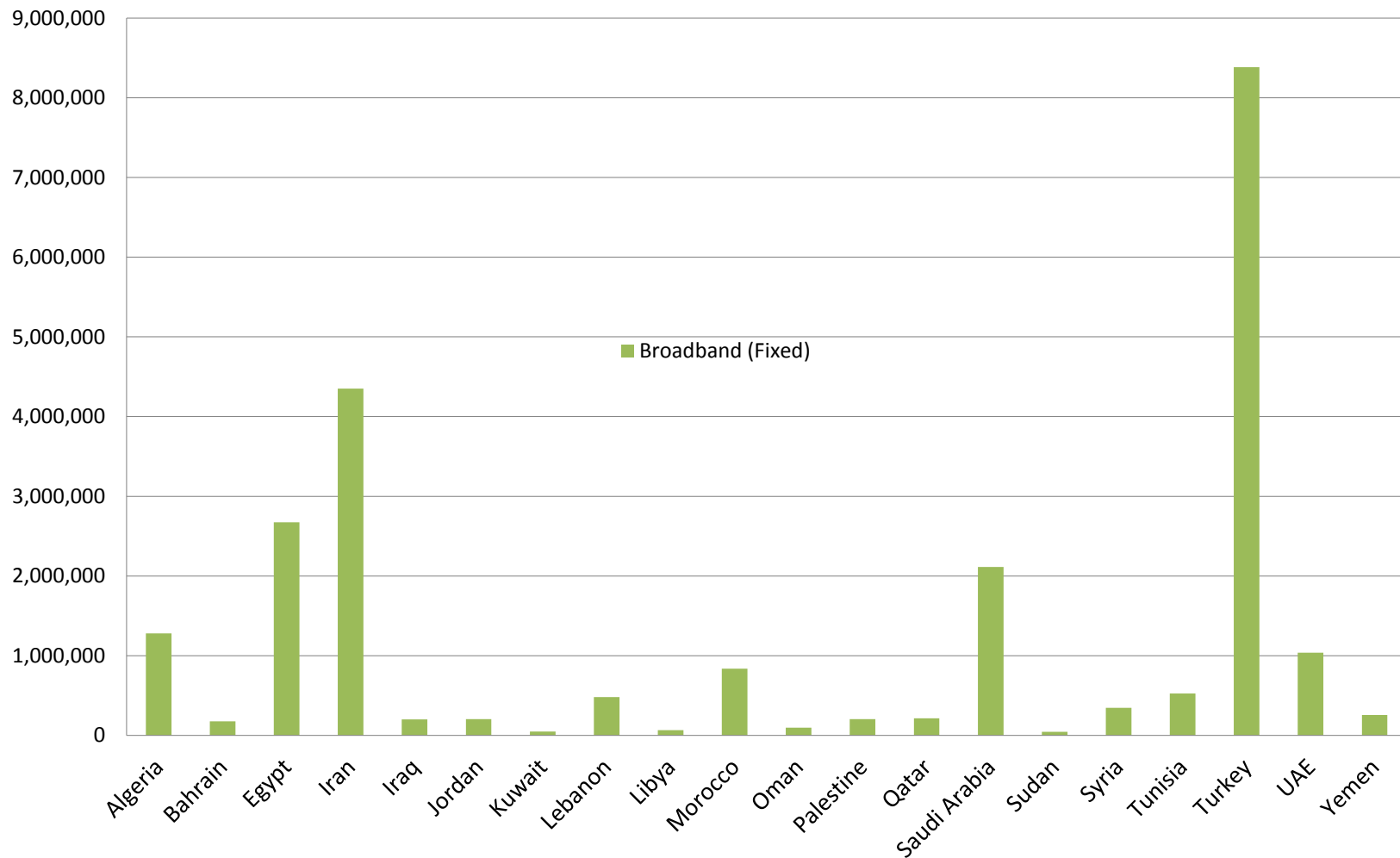
# Internet Users in MENA Region



Data Source: ITU, World Bank, NRA's



# Broadband (Fixed) Users in MENA

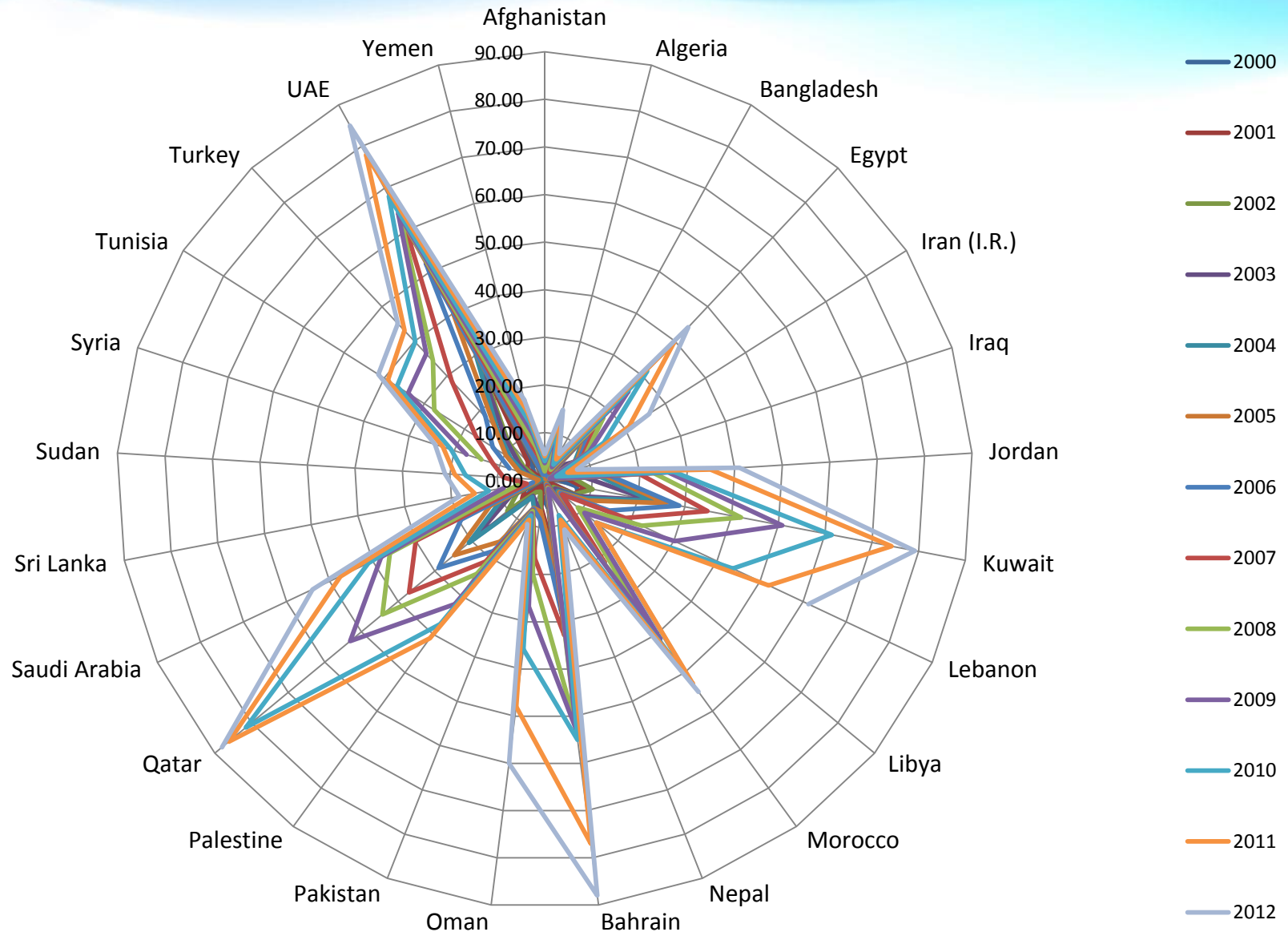


Data Source: ITU, World Bank, NRA's





# Internet Growth In the Regional Markets

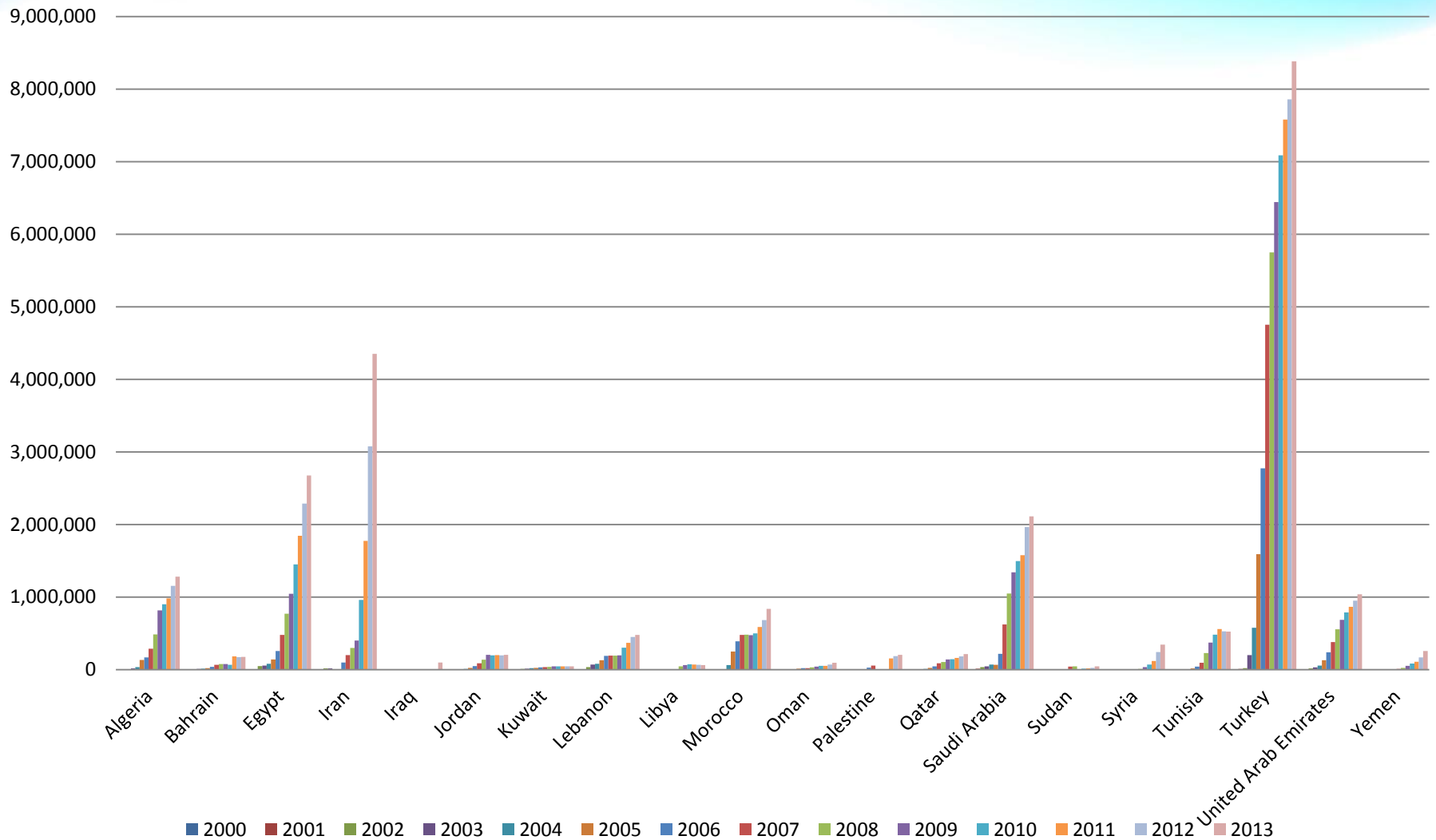


Data Source: ITU, World Bank, NRA's





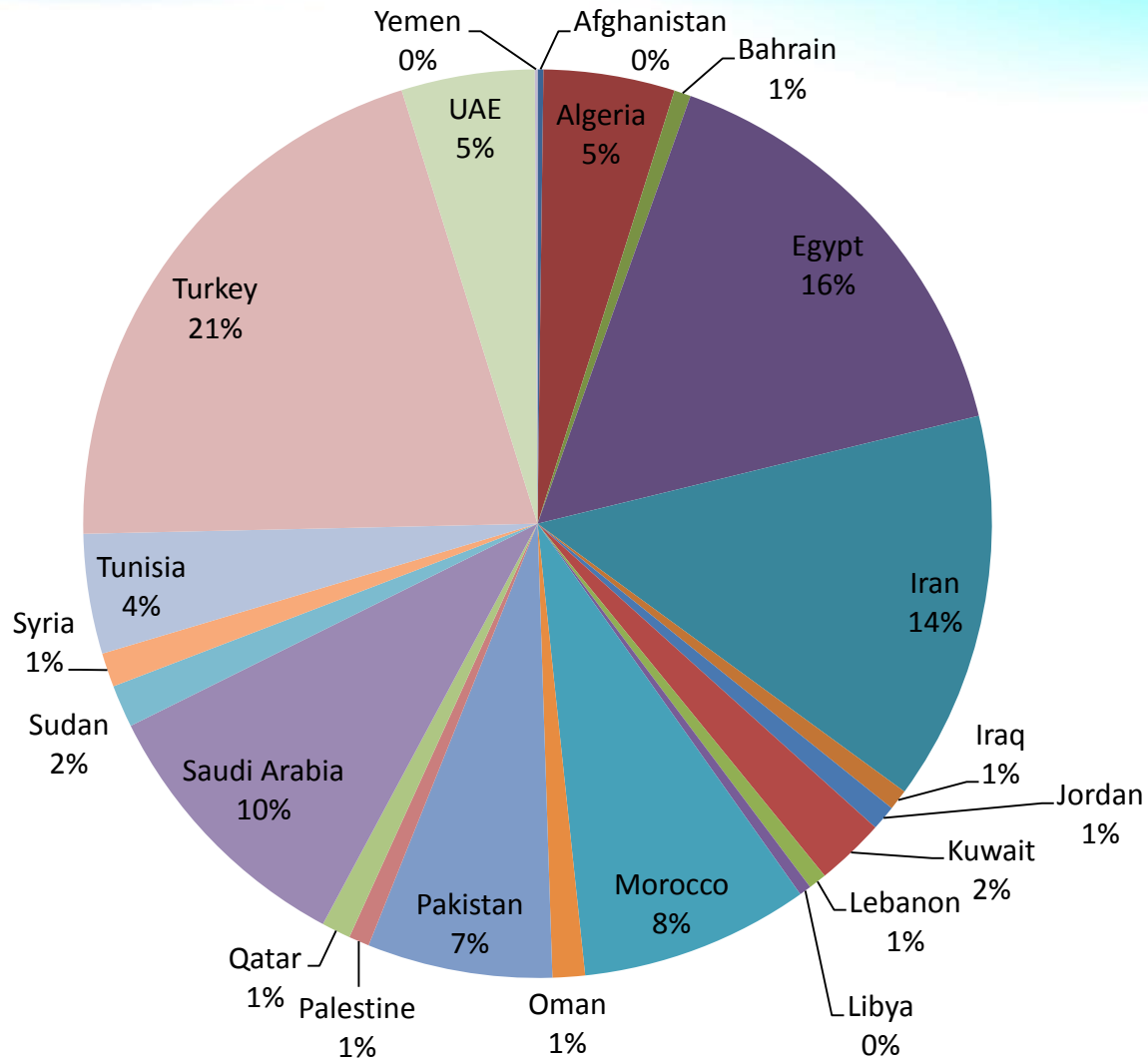
# Broadband (Fixed) Growth in the Region



Data Source: ITU, World Bank, NRA's



# IP Address Count MEAC



Data Source: IANA IPv4 Address Space Registry, DomainTool (.com), CountryIPBlocks (.net)

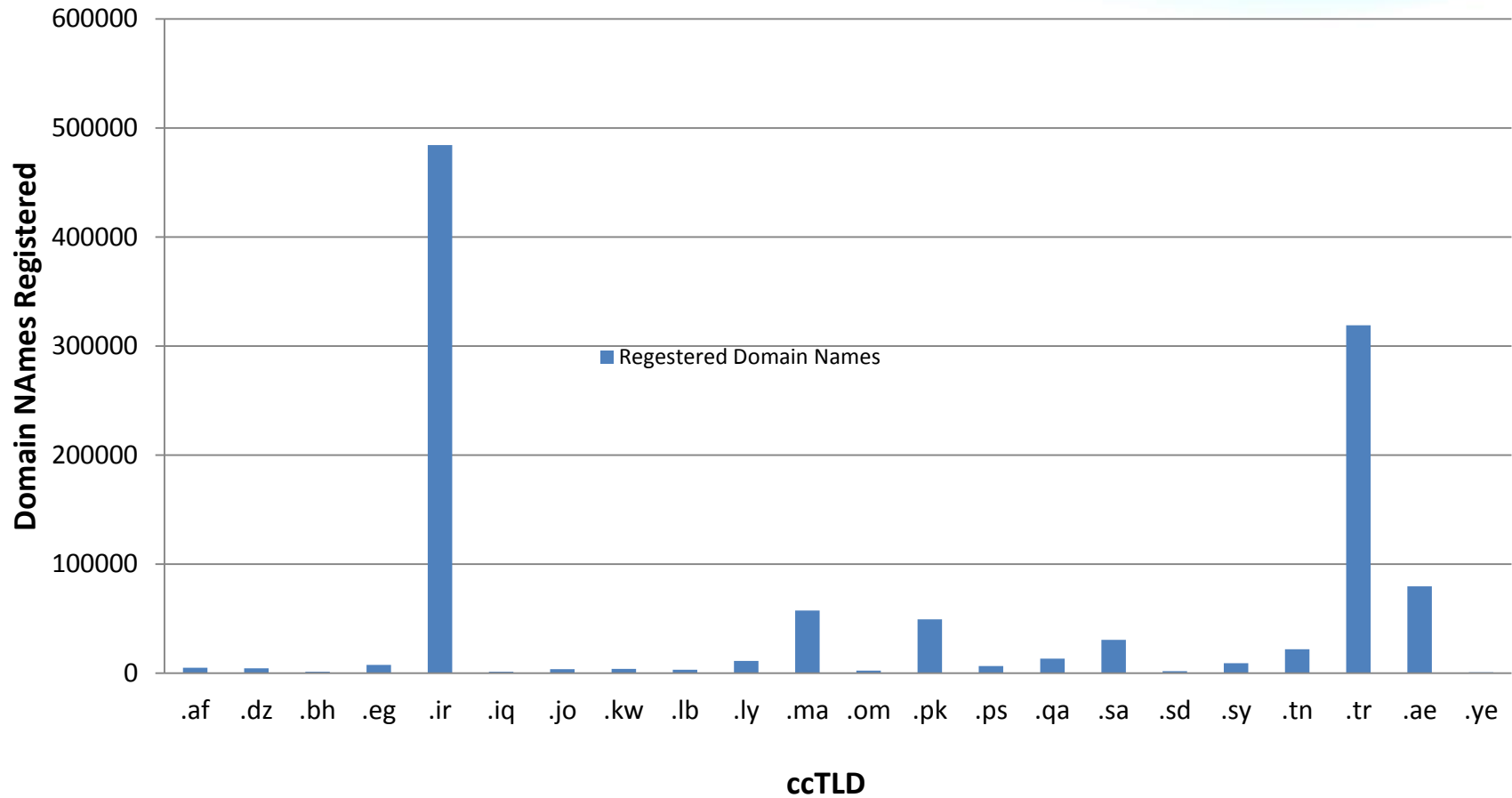


# Domain Name Count and Penetration - MEAC

Country	ccTLD	ccTLD Count (May 2015)	Population - Millions	Population	DN Density (Per 1000)
Afghanistan	.af	4991	30.55	30550000	0.163371522
Algeria	.dz	4578	39.21	39210000	0.11675593
Bahrain	.bh	1347	1.332	1332000	1.011261261
Egypt	.eg	7679	82.06	82060000	0.09357787
Iran	.ir	484369	77.45	77450000	6.253957392
Iraq	.iq	1334	33.42	33420000	0.039916218
Jordan	.jo	3832	6.459	6459000	0.593280694
Kuwait	.kw	3887	3.369	3369000	1.153754823
Lebanon	.lb	3229	4.467	4467000	0.722856503
Libya	.ly	11318	6.202	6202000	1.824895195
Morocco	.ma	57492	33.01	33010000	1.741654044
Oman	.om	2423	3.632	3632000	0.667125551
Pakistan	.pk	49338	182.1	182100000	0.270939044
Palestine	.ps	6481	4.4	4400000	1.472954545
Qatar	.qa	13405	2.169	2169000	6.180267404
Saudi Arabia	.sa	30672	28.83	28830000	1.063891779
Sudan	.sd	1885	37.96	37960000	0.049657534
Syria	.sy	9201	22.85	22850000	0.402669584
Tunisia	.tn	21933	10.89	10890000	2.014049587
Turkey	.tr	319047	74.93	74930000	4.257934072
UAE	.ae	79603	9.346	9346000	8.517333619
Yemen	.ye	875	24.41	24410000	0.035845965



# Domain Names Registered Per Registry (MEAC)

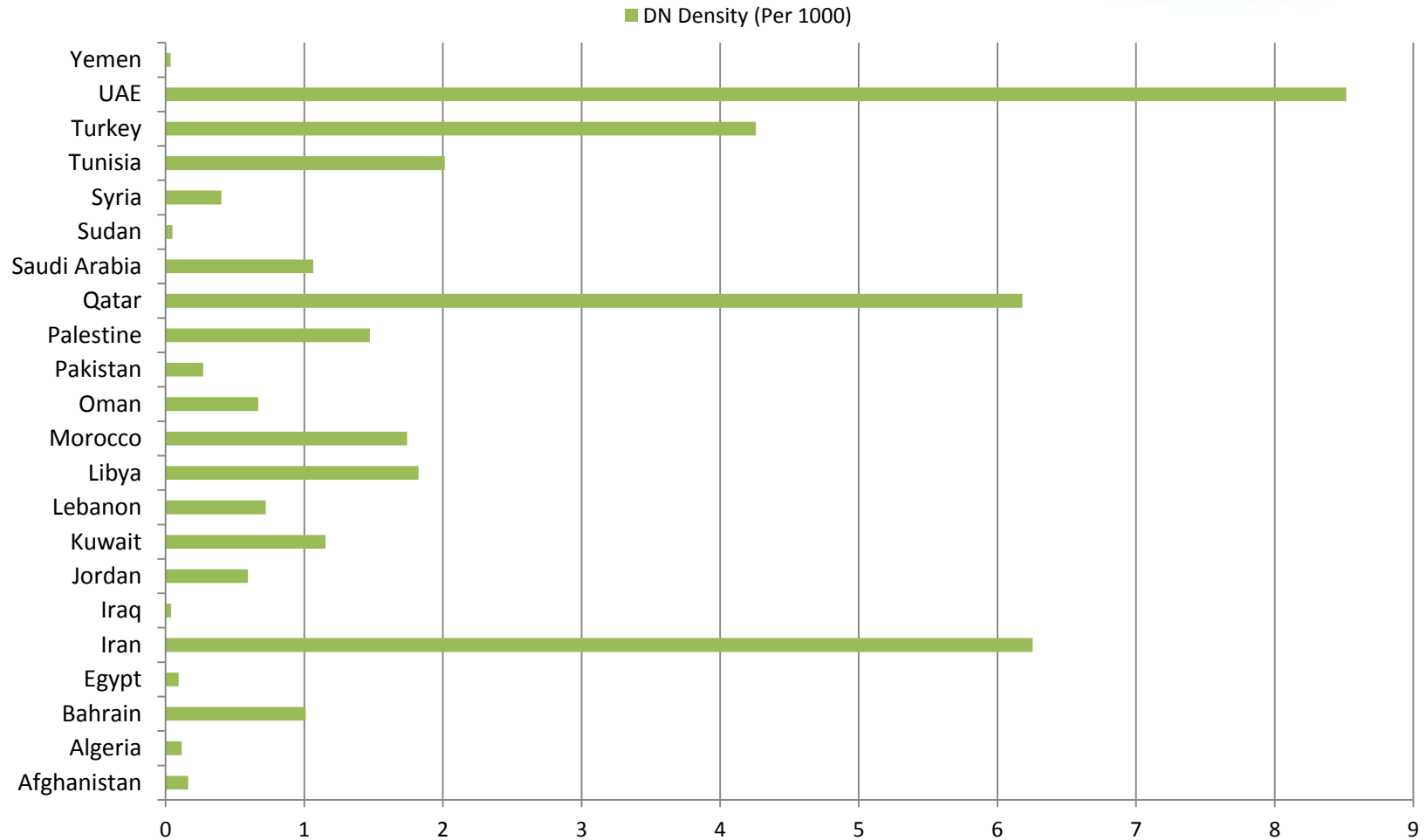


Data Source: DNTools, ccTLD Registries



# Domain Names Registered Per Registry (MEAC)

## Domain Name (ccTLD) Density (Per 1000)



Data Source: DNTools, ccTLD Registries



Thank you!

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MEAC-SIG 2015  
Tunisia**

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