

Universal Access

PREPARATORY MEETING OF THE ARAB REGION
FOR THE WORLD TELECOMMUNICATION
DEVELOPMENT CONFERENCE

Alexandria (Egypt)
17-19 October 2000

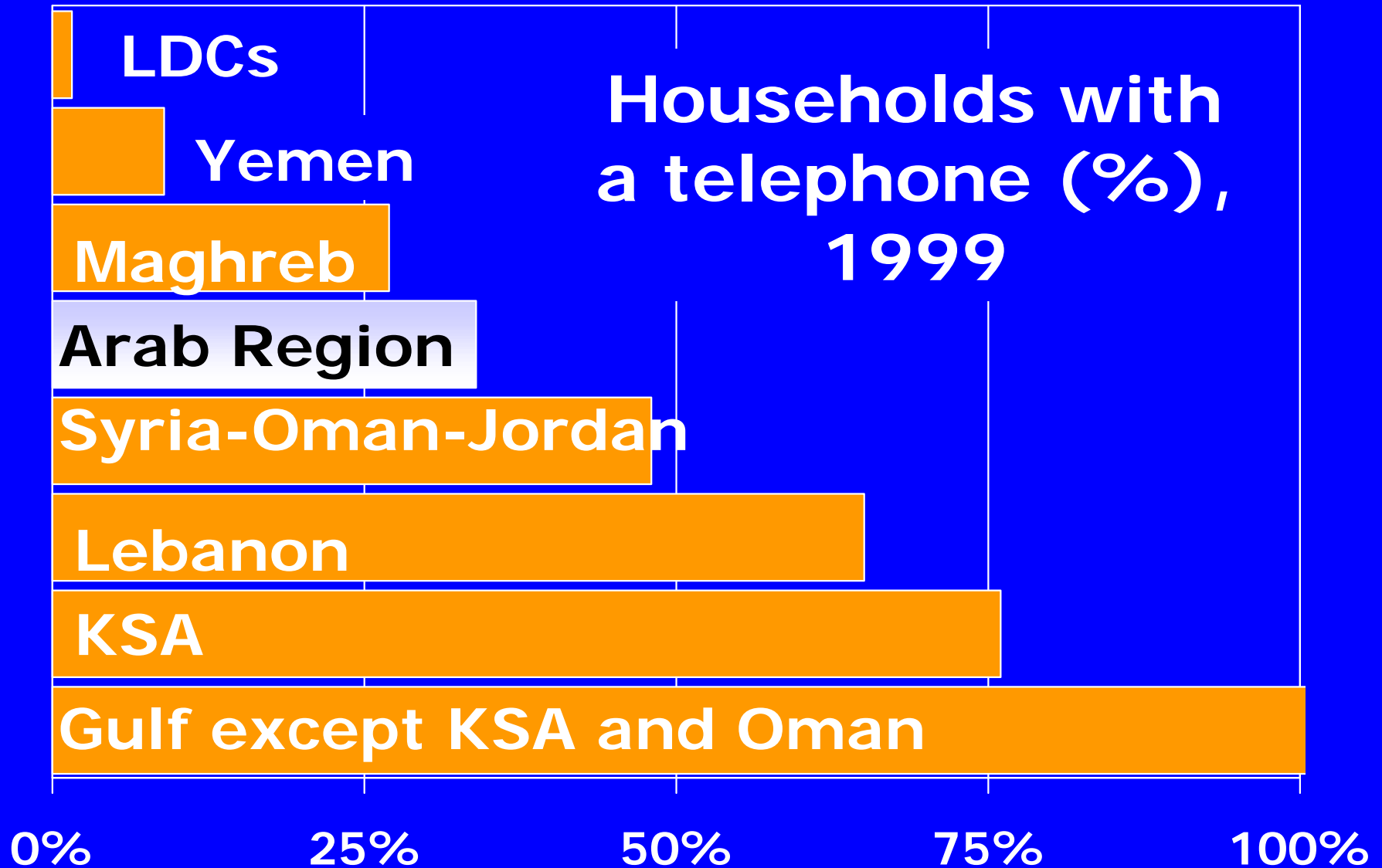


Universal access to
communications is
the main reason
why we are all
here

What is Universal Access?

- **Universal Service**
Telephone in most homes
- **Universal Access**
Telephone within reasonable distance for everyone

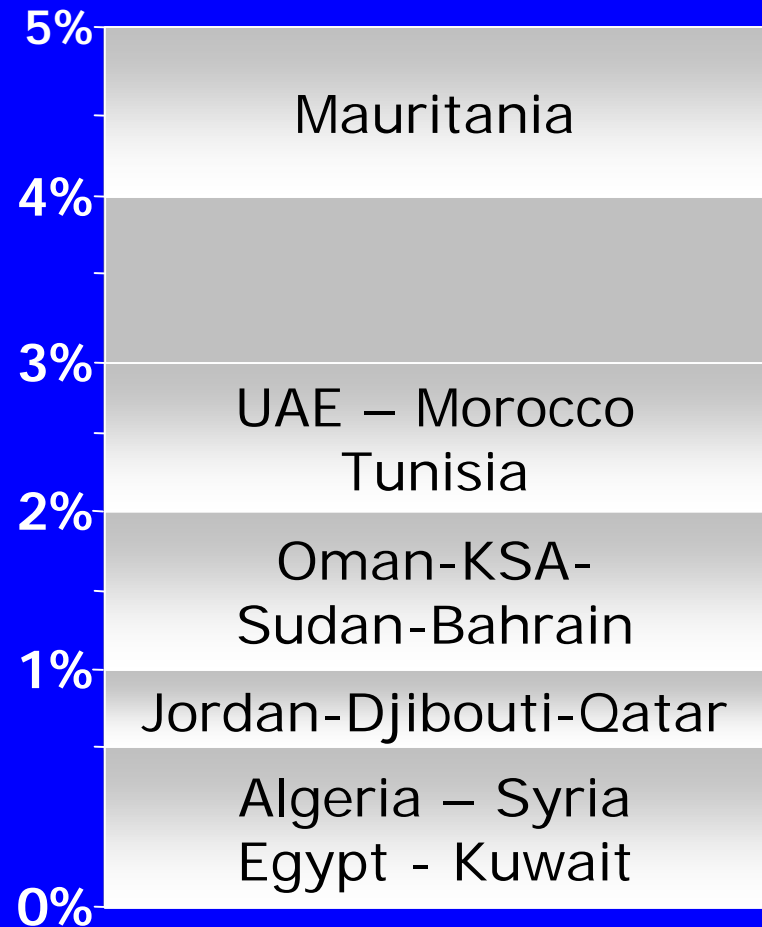
Universal Service



Measuring Universal Access

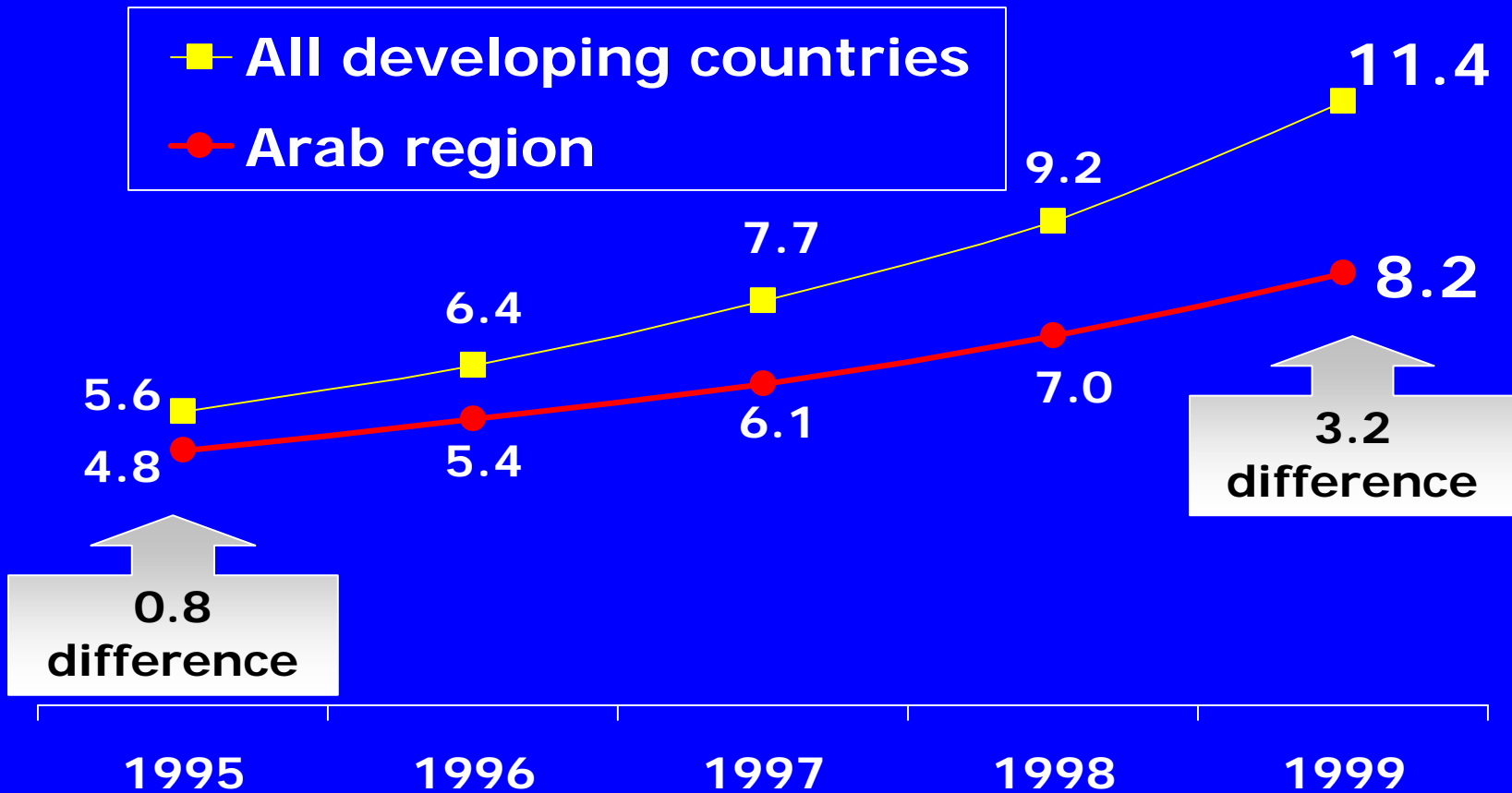
- Total density
- Towns with telephone service
- Payphones
 - Per inhabitant
 - As % of main lines
- Mobile coverage
- Distance from a telephone
- Time from a telephone

Payphones as % of total fixed lines

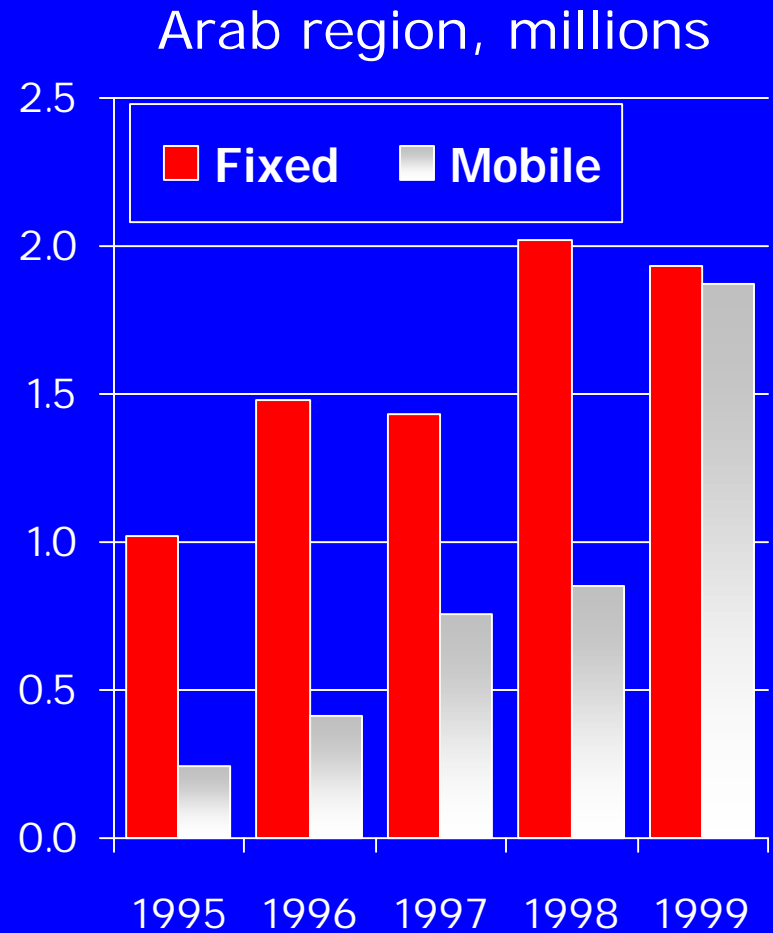
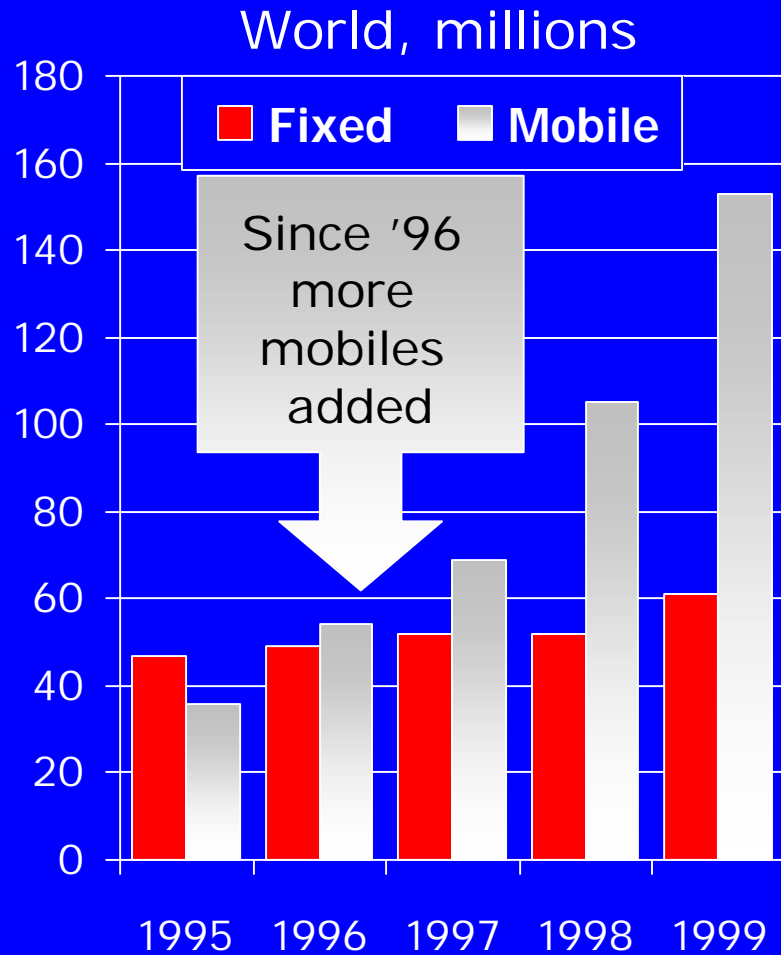


Network growth

Fixed and mobile telephone subscribers per 100 inhabitants



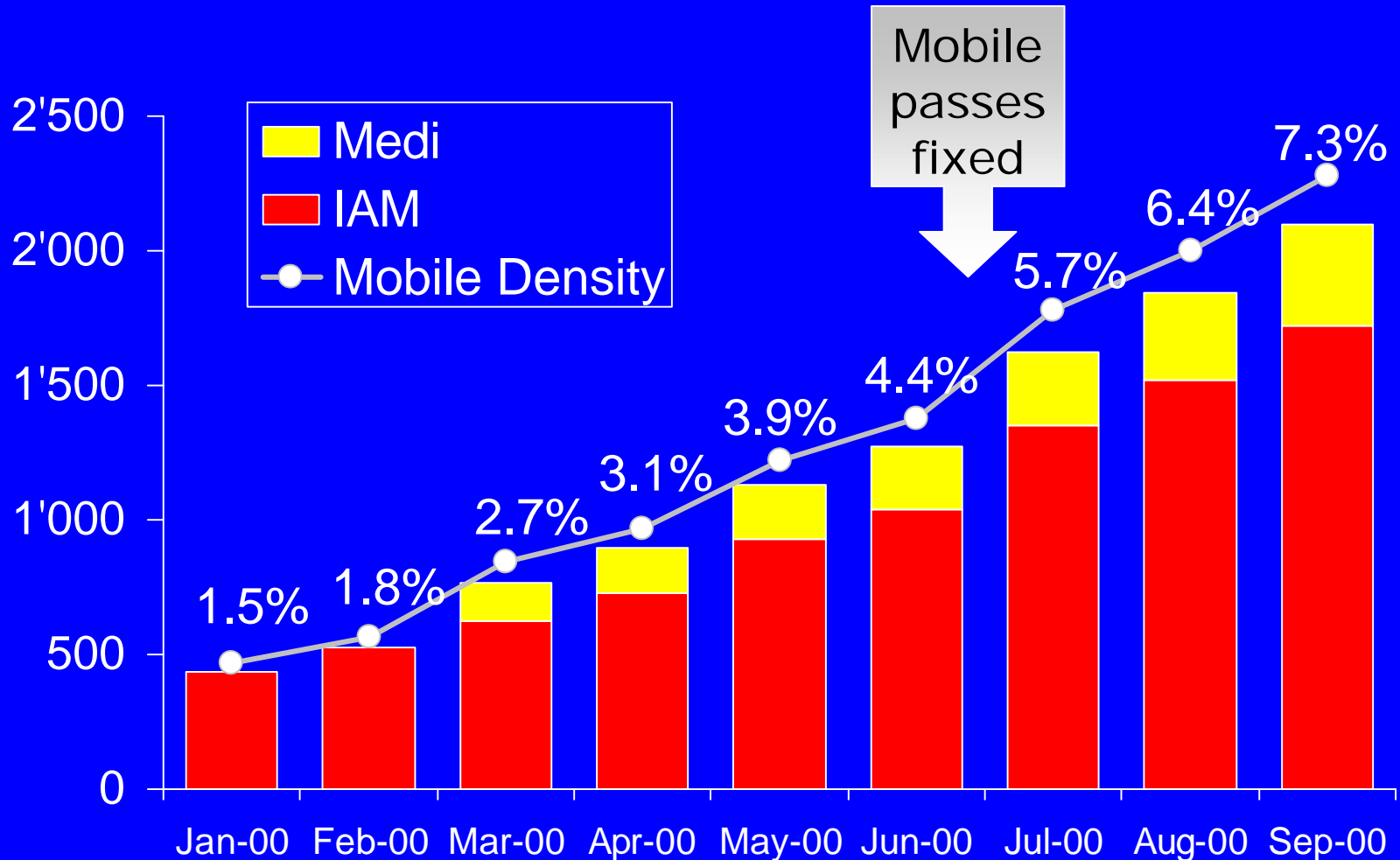
New telephone subscribers added



More mobile countries: Cambodia (93); Finland (98); Uganda, Ivory Coast, Portugal, Venezuela, Paraguay, S. Korea, Italy, Austria, Israel, Botswana (99); Japan, Hongkong, Singapore, South Africa, Philippines, Ireland...(2000)

Morocco becomes the first

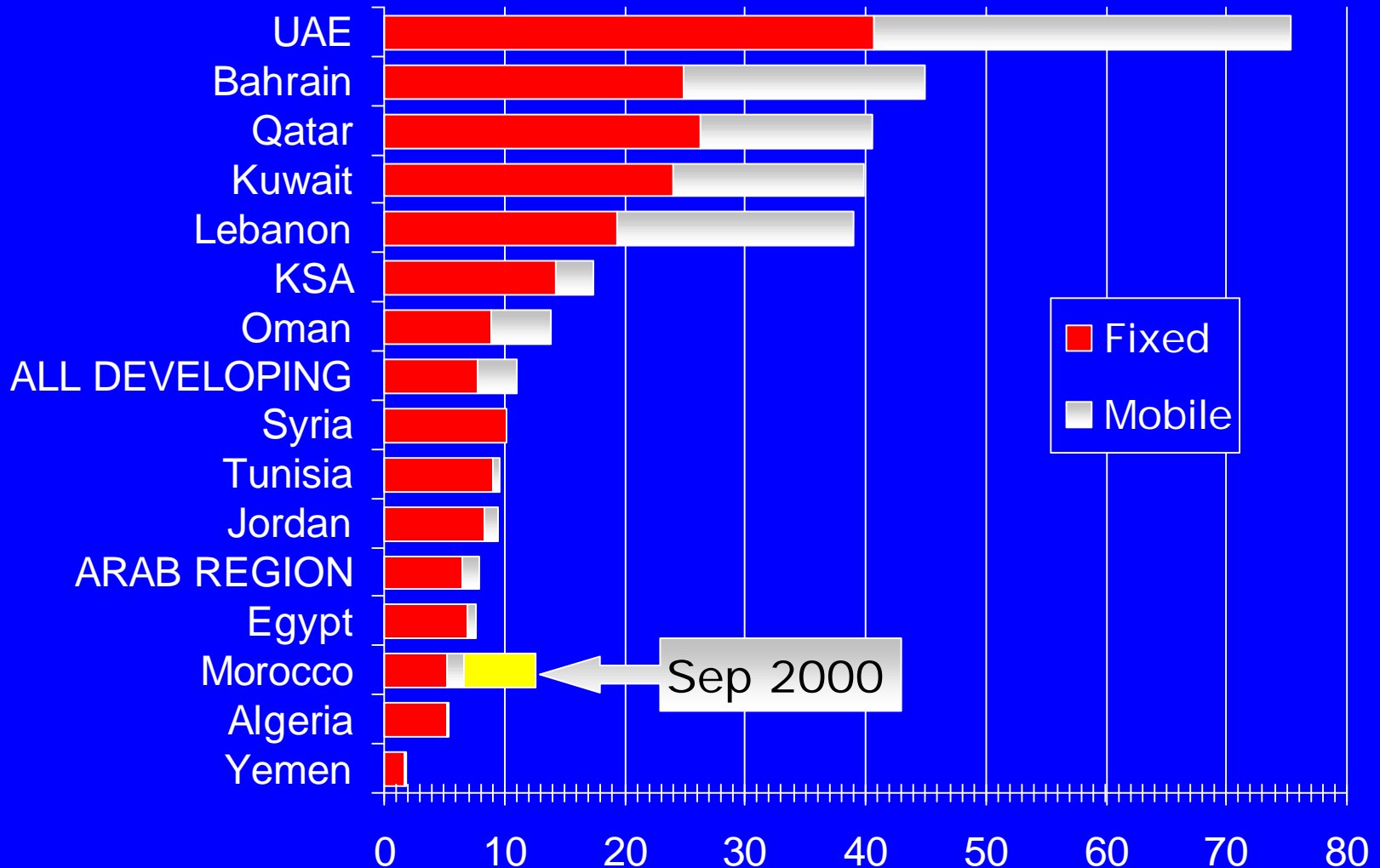
Mobile subscribers in Morocco, 000s



High mobile coverage + pre-paid card = Universal Access?

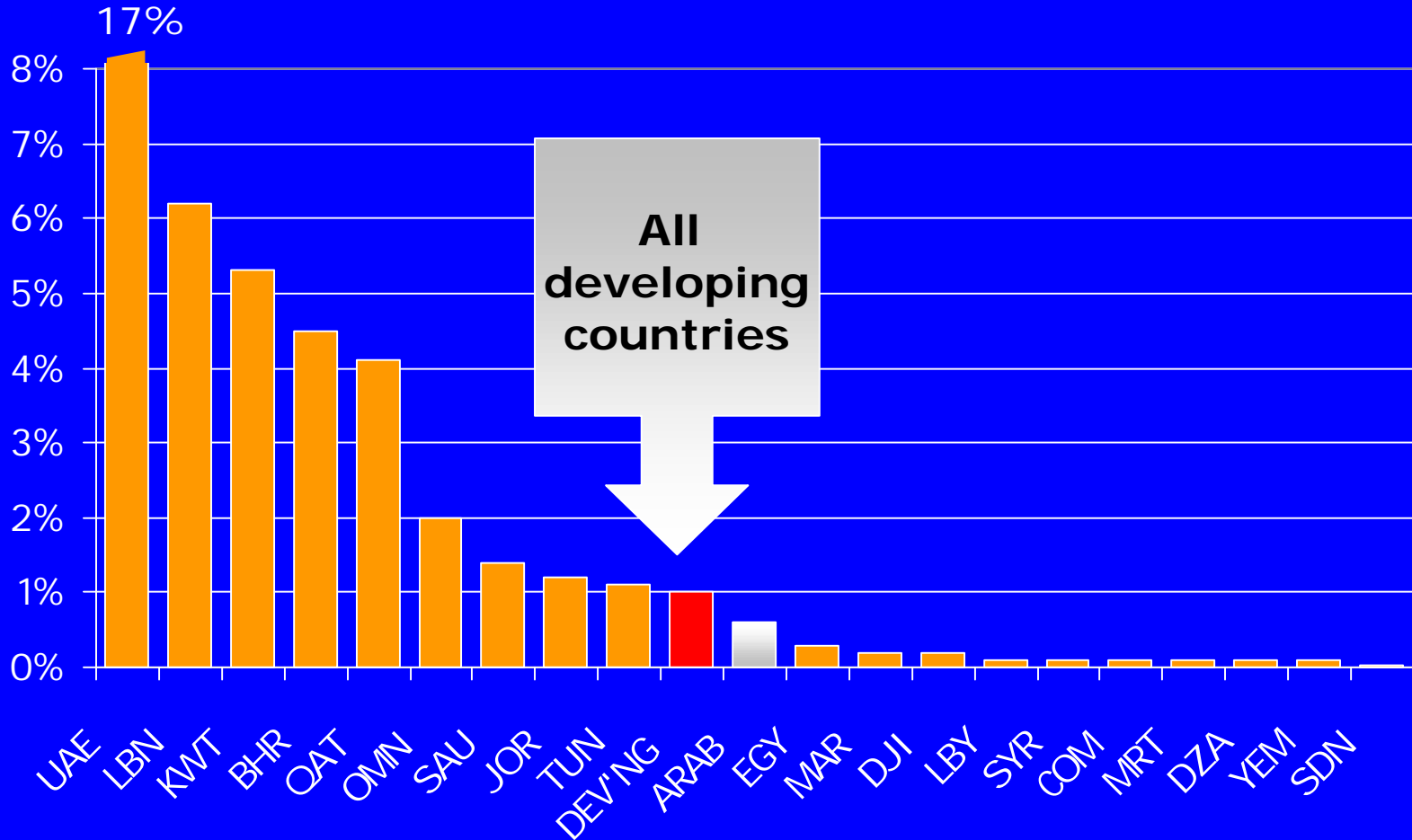
Telephone density

Fixed and mobile telephones per 100 inhabitants, 1999

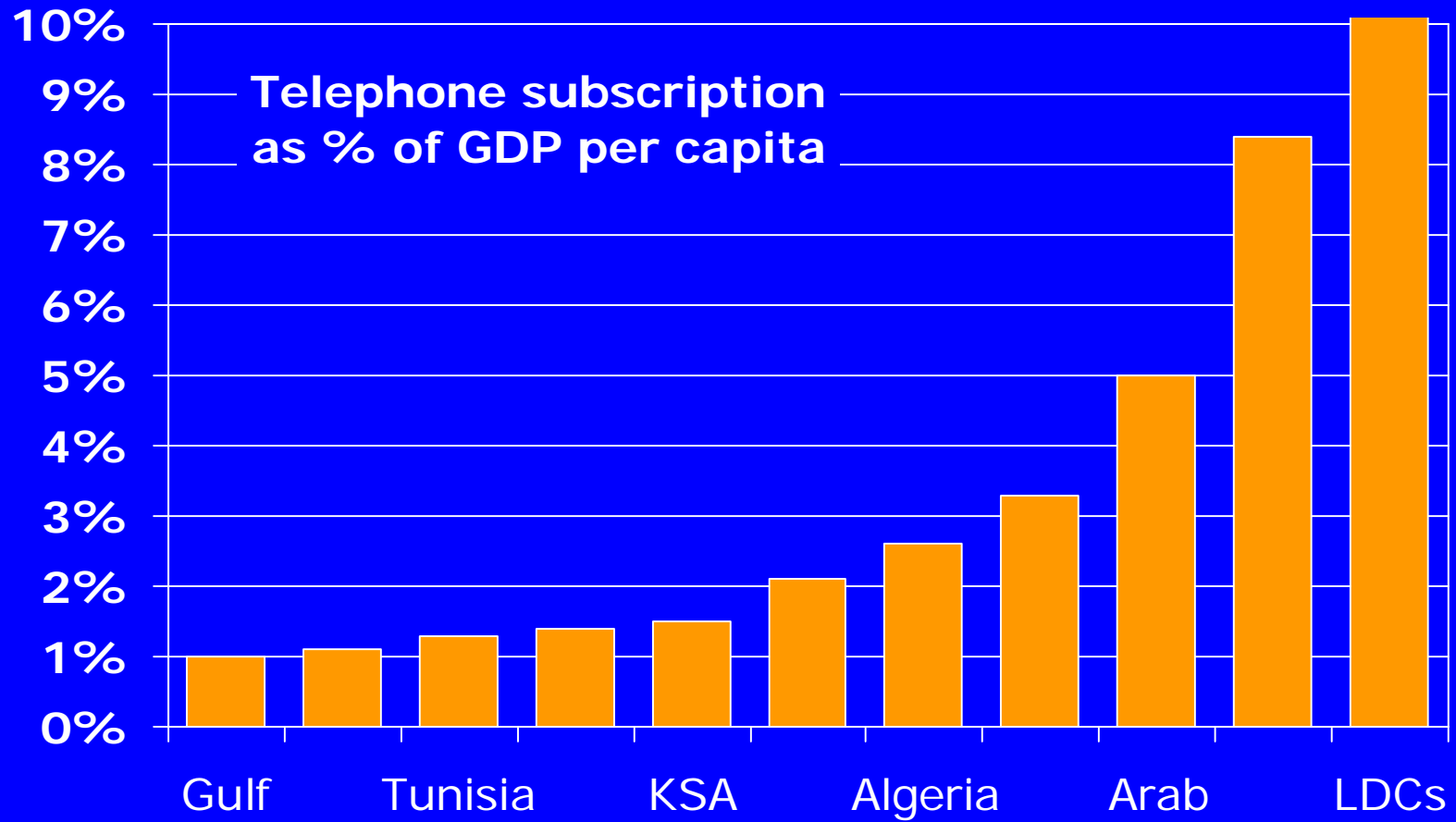


Digital divide in the Arab region

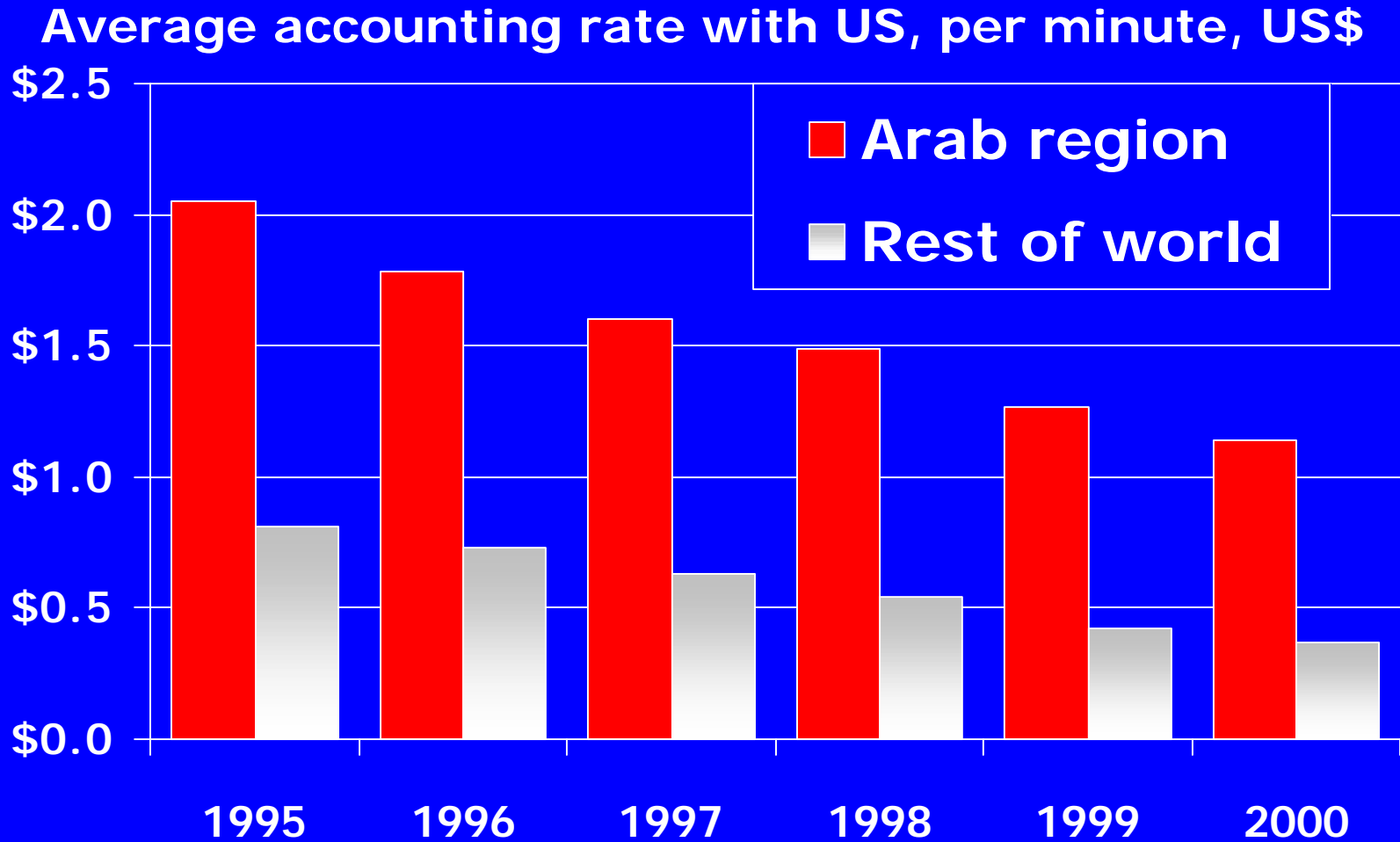
Internet users as % of population



Financing access



Accounting rates

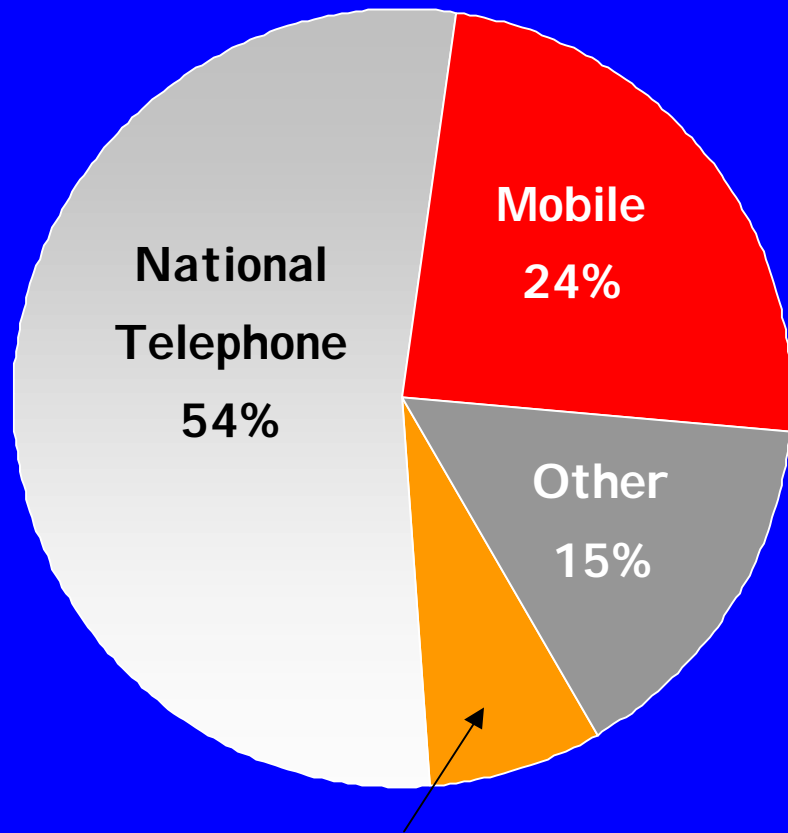


Source: FCC.

Telecom revenue

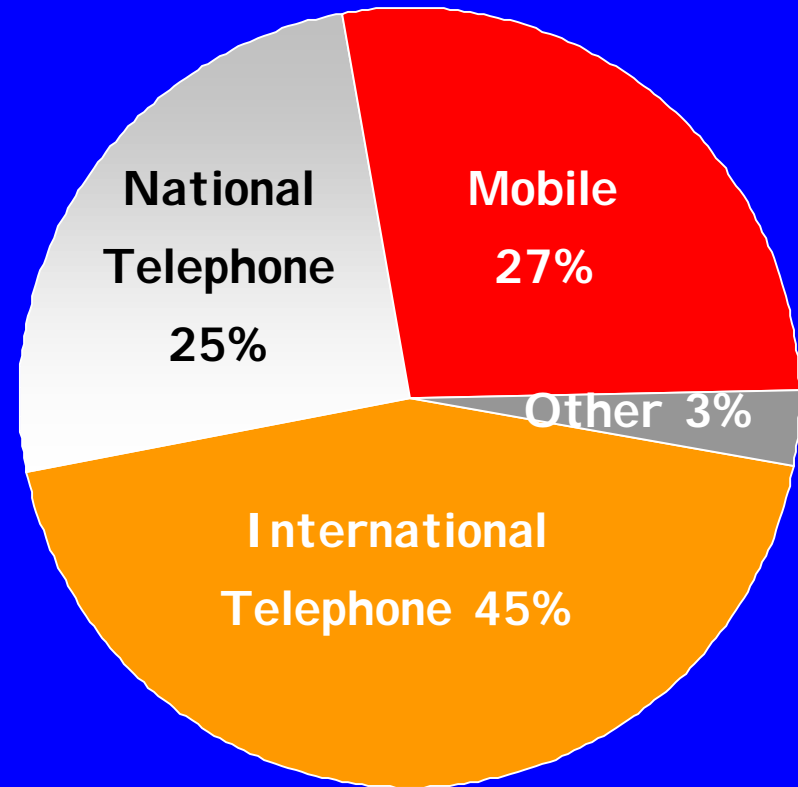
Distribution of telecom revenue 1999

World



International Telephone 7%

Arab region



US\$ 13.1 billion 1999
1.6% of world total

Future work

- Definition and measurement of universal access
- Universal access / service policies
- Universal access / service funding
- Setting targets for region