

Yemen Telecommunications Market Indicators and Projections September 2015

| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | COMPOUN | ID ANNUAL G | GROWTH | | |
|--|------|------|------|------|------|------|------|------|------|------|--------------------------------|-------------|-----------|--|--|
| DEMOGRAPHICS | | | | | | | | | | | CAGR 10-14 | CAGR 15-192 | AGR 10-1 | | |
| Population (000s) | | | | | | | | | | | | | <u> </u> | | |
| Population growth (000s) | | | | | | | | | | | | | | | |
| Population growth % | | | | | | | | | | | | | | | |
| Number of households (000s)* | | | | | | | | | | | | | | | |
| Households growth (000s) | | | | | | | | | | | | | | | |
| Household size | | | | | | | | | | | | | | | |
| *Estimated | | | | | | | | | | | | | | | |
| ECONOMY | | | | | | | | | | | | | | | |
| GDP (US\$ millions) | | | | | 1 | | | | | | | | | | |
| GDP per capita (US\$) | | | | | | | | | | | | | | | |
| | | | | | • | | | | | | | | | | |
| IT AND INTERNET INFRASTRUCTURE | | | | | | | | | | | CAGR 10-14CAGR 15-19:AGR 10-19 | | | | |
| Fixed Internet subscriptions (000s)* | | | | | | | | | | | | | | | |
| Fixed Internet subscriptions added (000s) | | | | | | | | | | | <u> </u> | | | | |
| Fixed Internet subscriptions penetration % | | | | | | | | | l | | | | | | |
| Internet users (000s)* | | | | | I | | | | | | | 1 | | | |
| Internet users (6005)* Internet users penetration % | | | | | | | | | | | | | | | |
| | | • | • | • | | • | | | • | | | | | | |
| Total country Int'l Internet bandwidth Mbps* | | | | | | | | | | | | | | | |
| Bandwidth added Mbps | | | | | | | | | | | | | | | |
| Bandwidth growth % | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| *Estimated | | | | | | | | | | | | | | | |
| *Estimated TELECOMS INFRASTRUCTURE | | | | | | | | | | | CAGR 10-14 | CAGR 15-192 | AGR 10-19 | | |
| TELECOMS INFRASTRUCTURE | | | | | | | | | T | | CAGR 10-14 | CAGR 15-19) | AGR 10-19 | | |
| TELECOMS INFRASTRUCTURE Number of fixed voice operators | | | | | | | | | | | CAGR 10-14 | CAGR 15-19 | AGR 10-1! | | |
| TELECOMS INFRASTRUCTURE Number of fixed voice operators Mainlines (000s)* | | | | | | | | | | | CAGR 10-14 | CAGR 15-192 | AGR 10-1 | | |
| TELECOMS INFRASTRUCTURE Number of fixed voice operators Mainlines (000s)* Mainlines added (000s) | | | | | | | | | | | CAGR 10-14 | CAGR 15-192 | CAGR 10-1 | | |
| TELECOMS INFRASTRUCTURE Number of fixed voice operators Mainlines (000s)* | | | | | | | | | | | CAGR 10-14 | CAGR 15-19 | AGR 10-1 | | |
| Number of fixed voice operators Mainlines (000s)* Mainlines added (000s) Growth % Mainlines penetration % | | | | | | | | | | | CAGR 10-14 | CAGR 15-19 | AGR 10-1 | | |
| Number of fixed voice operators Mainlines (000s)* Mainlines added (000s) Growth % Mainlines penetration % Fixed broadband subscriptions (000s)* | | | | | | | | | | | CAGR 10-14 | CAGR 15-19) | AGR 10-1 | | |
| Number of fixed voice operators Mainlines (000s)* Mainlines added (000s) Growth % Mainlines penetration % Fixed broadband subscriptions (000s)* Fixed broadband subscriptions added (000s) | | | | | | | | | | | CAGR 10-14 | CAGR 15-192 | AGR 10-1 | | |
| Number of fixed voice operators Mainlines (000s)* Mainlines added (000s) Growth % Mainlines penetration % Fixed broadband subscriptions (000s)* Fixed broadband subscriptions added (000s) Growth % | | | | | | | | | | | CAGR 10-14 | CAGR 15-15) | AGR 10-1 | | |
| Number of fixed voice operators Mainlines (000s)* Mainlines added (000s) Growth % Mainlines penetration % Fixed broadband subscriptions (000s)* Fixed broadband subscriptions added (000s) | | | | | | | | | | | CAGR 10-14 | CAGR 15-19 | AGR 10-1 | | |
| Number of fixed voice operators Mainlines (000s)* Mainlines added (000s) Growth % Mainlines penetration % Fixed broadband subscriptions (000s)* Fixed broadband subscriptions added (000s) Growth % Fixed broadband subscriptions added (000s) Growth % Fixed broadband subscriptions as a % of total | | | | | | | | | | | CAGR 10-14 | CAGR 15-15 | AGR 10-1! | | |
| Number of fixed voice operators Mainlines (000s)* Mainlines added (000s) Growth % Mainlines penetration % Fixed broadband subscriptions (000s)* Fixed broadband subscriptions added (000s) Growth % | | | | | | | | | | | CAGR 10-14 | CAGR 15-19 | AGR 10-1! | | |
| Number of fixed voice operators Mainlines (000s)* Mainlines added (000s) Growth % Mainlines penetration % Fixed broadband subscriptions (000s)* Fixed broadband subscriptions added (000s) Growth % Fixed broadband subscriptions added (000s) Growth % Fixed broadband subscriptions as a % of total Number of cellular operators Cellular subscriptions (000s)* Cellular subscriptions added (000s) | | | | | | | | | | | CAGR 10-14 | CAGR 15-15 | AGR 10-1 | | |
| Number of fixed voice operators Mainlines (000s)* Mainlines added (000s) Growth % Fixed broadband subscriptions (000s) Growth % Fixed broadband subscriptions added (000s) Growth % Fixed broadband subscriptions added (000s) Growth % Fixed broadband subscriptions as a % of total Number of cellular operators Cellular subscriptions (000s)* Cellular subscriptions added (000s) Growth % | | | | | | | | | | | CAGR 10-14 | CCAGR 15-15 | AGR 10-1 | | |
| Number of fixed voice operators Mainlines (000s)* Mainlines added (000s) Growth % Mainlines penetration % Fixed broadband subscriptions (000s)* Fixed broadband subscriptions added (000s) Growth % Fixed broadband subscriptions added (000s) Growth % Fixed broadband subscriptions as a % of total Number of cellular operators Cellular subscriptions (000s)* Cellular subscriptions added (000s) | | | | | | | | | | | CAGR 10-14 | CAGR 15-15 | AGR 10-1: | | |
| Number of fixed voice operators Mainlines (000s)* Mainlines added (000s) Growth % Fixed broadband subscriptions (000s)* Fixed broadband subscriptions added (000s) Growth % Fixed broadband subscriptions added (000s) Growth % Fixed broadband subscriptions as a % of total Number of cellular operators Cellular subscriptions (000s)* Cellular subscriptions (000s)* Cellular subscriptions added (000s) Growth % Cellular penetration % | | | | | | | | | | | CAGR 10-14 | CAGR 15-15: | AGR 10-1 | | |
| Number of fixed voice operators Mainlines (000s)* Mainlines added (000s) Growth % Mainlines penetration % Fixed broadband subscriptions (000s)* Fixed broadband subscriptions added (000s) Growth % Fixed broadband subscriptions as a % of total Number of cellular operators Cellular subscriptions (000s)* Cellular subscriptions (000s) Growth % Fixed broadband subscriptions as a % of total Number of cellular operators Cellular subscriptions (000s) Growth % Cellular subscriptions (000s) Prepaid cellular subscriptions (000s)* | | | | | | | | | | | CAGR 10-14 | CAGR 15-19 | AGR 10-1 | | |
| Number of fixed voice operators Mainlines (000s)* Mainlines added (000s) Growth % Fixed broadband subscriptions (000s)* Fixed broadband subscriptions added (000s) Growth % Fixed broadband subscriptions as a % of total Number of cellular operators Cellular subscriptions (000s)* Cellular subscriptions (000s) Growth % Cellular subscriptions (000s) Growth % Cellular subscriptions (000s)* Cellular penetration % Prepaid cellular subscriptions (000s)* Prepaid cellular subscriptions (000s)* Prepaid cellular subscriptions (000s) Prepaid cellular subscriptions (000s) | | | | | | | | | | | CAGR 10-14 | CAGR 15-15 | AGR 10-1 | | |
| Number of fixed voice operators Mainlines (000s)* Mainlines added (000s) Growth % Mainlines penetration % Fixed broadband subscriptions (000s)* Fixed broadband subscriptions added (000s) Growth % Fixed broadband subscriptions as a % of total Number of cellular operators Cellular subscriptions (000s)* Cellular subscriptions (000s) Growth % Fixed broadband subscriptions as a % of total Number of cellular operators Cellular subscriptions (000s) Growth % Cellular subscriptions (000s) Prepaid cellular subscriptions (000s)* | | | | | | | | | | | CAGR 10-14 | CAGR 15-15 | AGR 10-1 | | |
| Number of fixed voice operators Mainlines (000s)* Mainlines added (000s) Growth % Fixed broadband subscriptions (000s) Growth % Fixed broadband subscriptions as a % of total Number of cellular operators Cellular subscriptions (000s)* Cellular subscriptions added (000s) Growth % Fixed broadband subscriptions as a % of total Number of cellular operators Cellular subscriptions (000s)* Cellular subscriptions (000s) Growth % Cellular subscriptions (000s) Frepaid cellular subscriptions (000s)* Prepaid cellular subscriptions added (000s) | | | | | | | | | | | CAGR 10-14 | CAGR 15-15 | AGR 10-1 | | |
| Number of fixed voice operators Mainlines (000s)* Mainlines added (000s) Growth % Mainlines penetration % Fixed broadband subscriptions (000s)* Fixed broadband subscriptions added (000s) Growth % Fixed broadband subscriptions as a % of total Number of cellular operators Cellular subscriptions (000s)* Cellular subscriptions (000s) Growth % Cellular subscriptions (000s) Prepaid cellular subscriptions (000s) Prepaid cellular subscriptions (000s) Prepaid cellular subscriptions added (000s) Prepaid cellular subscriptions growth % Prepaid cellular subscriptions arowth % Prepaid cellular subscriptions as a % of total cellular subscriptions as a % of total cellular subscriptions | | | | | | | | | | | CAGR 10-14 | CAGR 15-15 | AGR 10-1 | | |
| Number of fixed voice operators Mainlines (000s)* Mainlines added (000s) Growth % Mainlines penetration % Fixed broadband subscriptions (000s)* Fixed broadband subscriptions added (000s) Growth % Fixed broadband subscriptions as a % of total Number of cellular operators Cellular subscriptions (000s)* Cellular subscriptions (000s) Growth % Cellular subscriptions (000s) Frepaid cellular subscriptions (000s) Prepaid cellular subscriptions (000s) Prepaid cellular subscriptions added (000s) | | | | | | | | | | | CAGR 10-14 | CAGR 15-15: | AGR 10-1 | | |

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| Postpaid cellular subscriptions growth % | | | | | | | | | | | | | |
|--|---|---|-----|---|---|----|---|---|---|--------------------------------|---|---|-------------|
| Postpaid cellular subscriptions as a % of total | | | | | | | | | | | | | |
| cellular subscriptions | | | | | | | | | | | | | |
| *Estimated | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TELECOM REVENUES | | | | | | | | | | CAGR 10-14CAGR 15-19:AGR 10-19 | | | |
| | | | | | | | | | | | | | |
| FIXED VOICE | 1 | 1 | | | 1 | | ı | 1 | | | | | |
| Fixed voice revenues (US\$ 000)* | | | | | | | | | | | | | |
| Monthly ARPU (US\$) | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| CELLULAR | | | | | 1 | | 1 | 1 | | | | | |
| Cellular revenues (US\$ 000)* | | | | | | | | | | | | | |
| Monthly ARPU (US\$) | | | | | | L | | | | l | | l | |
| D I | | | | | 1 | | ı | 1 | | | | | |
| Postpaid cellular revenues (US\$ 000s)* | | | | | | | | | | | | | ├ |
| Monthly ARPU (US\$)* | | | | | | | | | | | L | l | |
| % of total cellular revenues | | | l . | | | l. | | | l | l l | | | |
| Did!!-! (IIC¢ 000-)* | | 1 | | | 1 | | ı | | | | | 1 | |
| Prepaid cellular revenues (US\$ 000s)* Monthly ARPU (US\$) | | | - | - | | + | | | | | | | \vdash |
| % of total cellular revenues | | | | | | | | | | | | | |
| % or total cellular revenues | | | | | | | | | | | | | |
| Mobile data revenues (US\$ 000s)* | | | | | | | | | l | 1 | | 1 | |
| % of total cellular revenues | | | | | | | | | | | | l | |
| 70 OF COLOR CERTIFIES | | | | | | | | | | | | | |
| Mobile voice revenues (US\$ 000s)* | | | | | | | | | | | | | |
| % of total cellular revenues | | | | | | | | | | | | | |
| 70 01 10101 00110101 101011003 | | 1 | 1 | | | 1 | 1 | | | | | | |
| FIXED INTERNET | | | | | | | | | | | | | |
| Fixed Internet revenues (US\$ 000)* | | | | | | | | | | | | | |
| Monthly ARPU (US\$)* | | | | | | | | | | | | | |
| *Estimated | • | • | • | • | • | • | • | • | • | | | • | |
| | | | | | | | | | | | | | |

Total country bandwidth

Fixed Internet subscriptions

Cellular lines

Population

Fixed voice revenues

Postpaid/prepaid cellular revenues

Data/Voice revenues

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