

KEY	Telco actuals	4Q23	Latest historical data available
	Telco forecasts	2Q23	Latest historical data which informed the Telco forecasts
	SMB Technology Forecaster (STF)	1Q22	Latest historical data which informed the SMB Technology Forecaster (STF) forecasts

Red font denotes a revision since 27 March 2024

Worldwide	Telco Actuals				Telco Forecasts									SMB Technology Forecaster (STF)
	Core	Fin KPIs	Pay TV	FMC	Core	IoT	Business	Pay TV	P2P	A2P	WDTF	FDTF	FMC	
Regional total	-	4Q23	-	-	4Q22	2Q23	4Q22	2Q20	4Q22	4Q22	3Q22	2Q22	-	1Q23

North America	Telco Actuals				Telco Forecasts									SMB Technology Forecaster (STF)
	Core	Fin KPIs	Pay TV	FMC	Core	IoT	Business	Pay TV	P2P	A2P	WDTF	FDTF	FMC	
Regional total	-	-	-	-	1Q23	2Q23	1Q23	4Q20	1Q23	4Q22	3Q22	2Q22	-	1Q23
Canada	4Q23	4Q23	4Q23	4Q23	1Q23	2Q23	1Q23	4Q20	1Q23	4Q22	3Q22	-	3Q22	1Q23
USA	4Q23	4Q23	4Q23	4Q23	1Q23	2Q23	1Q23	4Q20	1Q23	4Q22	3Q22	2Q22	3Q22	1Q23

Latin America	Telco Actuals				Telco Forecasts									SMB Technology Forecaster (STF)
	Core	Fin KPIs	Pay TV	FMC	Core	IoT	Business	Pay TV	P2P	A2P	WDTF	FDTF	FMC	
Regional total	-	-	-	-	3Q23	2Q23	3Q23	4Q20	3Q23	4Q22	3Q22	2Q22	-	1Q23
Argentina	4Q23	4Q23	-	-	3Q23	2Q23	-	-	3Q23	4Q22	-	-	-	1Q23
Brazil	4Q23	4Q23	4Q23	-	3Q23	2Q23	3Q23	4Q20	3Q23	4Q22	3Q22	2Q22	-	1Q23
Chile	4Q23	4Q23	-	-	3Q23	2Q23	3Q23	-	-	-	-	-	-	1Q23
Colombia	4Q23	4Q23	-	-	3Q23	2Q23	-	-	-	-	-	-	-	1Q23
Mexico	4Q23	4Q23	4Q23	-	3Q23	2Q23	3Q23	4Q20	3Q23	4Q22	-	-	-	1Q23
Peru	4Q23	4Q23	-	-	3Q23	2Q23	-	-	-	-	-	-	-	-

Western Europe	Telco Actuals				Telco Forecasts									SMB Technology Forecaster (STF)
	Core	Fin KPIs	Pay TV	FMC	Core	IoT	Business	Pay TV	P2P	A2P	WDTF	FDTF	FMC	
Regional total	-	-	-	-	2Q23	2Q23	2Q23	4Q22	2Q23	4Q22	3Q22	2Q22	-	1Q23
Austria	4Q23	4Q23	4Q23	-	2Q23	2Q23	2Q23	3Q23	2Q23	4Q22	-	2Q22	-	1Q23
Belgium	4Q23	4Q23	4Q23	4Q23	2Q23	2Q23	2Q23	3Q23	2Q23	4Q22	-	-	3Q22	1Q23
Denmark	4Q23	4Q23	4Q23	-	2Q23	2Q23	2Q23	3Q23	2Q23	4Q22	-	-	-	1Q23
Finland	4Q23	4Q23	4Q23	-	2Q23	2Q23	2Q23	3Q23	2Q23	4Q22	3Q22	2Q22	-	1Q23
France	4Q23	4Q23	4Q23	4Q23	2Q23	2Q23	2Q23	4Q22	2Q23	4Q22	3Q22	2Q22	3Q22	1Q23
Germany	4Q23	4Q23	4Q23	4Q23	2Q23	2Q23	2Q23	4Q22	2Q23	4Q22	3Q22	2Q22	3Q22	1Q23
Greece	4Q23	4Q23	4Q23	-	2Q23	2Q23	2Q23	3Q23	2Q23	4Q22	-	-	-	1Q23
Ireland	4Q23	4Q23	4Q23	-	2Q23	2Q23	2Q23	3Q23	2Q23	4Q22	-	2Q22	-	1Q23
Italy	4Q23	4Q23	4Q23	4Q23	2Q23	2Q23	2Q23	4Q22	2Q23	4Q22	3Q22	2Q22	3Q22	1Q23
Netherlands	4Q23	4Q23	4Q23	4Q23	2Q23	2Q23	2Q23	3Q23	2Q23	4Q22	-	-	3Q22	1Q23
Norway	4Q23	4Q23	4Q23	4Q23	2Q23	2Q23	2Q23	3Q23	2Q23	4Q22	-	-	3Q22	1Q23
Portugal	4Q23	4Q23	4Q23	4Q23	2Q23	2Q23	2Q23	3Q23	2Q23	4Q22	-	-	3Q22	1Q23
Spain	4Q23	4Q23	4Q23	4Q23	2Q23	2Q23	2Q23	3Q23	2Q23	4Q22	3Q22	2Q22	3Q22	1Q23
Sweden	4Q23	4Q23	4Q23	-	2Q23	2Q23	2Q23	3Q23	2Q23	4Q22	-	2Q22	-	1Q23
Switzerland	4Q23	4Q23	4Q23	-	2Q23	2Q23	2Q23	3Q23	2Q23	4Q22	-	-	-	1Q23
UK	4Q23	4Q23	4Q23	4Q23	2Q23	2Q23	2Q23	3Q23	2Q23	4Q22	3Q22	2Q22	3Q22	1Q23
Iceland	4Q23	-	-	-	-	-	-	-	-	-	-	-	-	1Q23
Luxembourg	-	-	-	-	-	-	-	-	-	-	-	-	-	1Q23

Central and Eastern Europe	Telco Actuals				Telco Forecasts									SMB Technology Forecaster (STF)
	Core	Fin KPIs	Pay TV	FMC	Core	IoT	Business	Pay TV	P2P	A2P	WDTF	FDTF	FMC	
Regional total	-	-	-	-	2Q23	2Q23	2Q23	2Q21	2Q23	4Q22	3Q22	2Q22	-	1Q23
Bulgaria	4Q23	4Q23	4Q23	-	2Q23	2Q23	-	2Q21	2Q23	4Q22	-	-	-	-
Croatia	4Q23	4Q23	4Q23	-	2Q23	2Q23	2Q23	2Q21	2Q23	4Q22	-	-	-	-
Czech Republic	4Q23	4Q23	4Q23	-	2Q23	2Q23	2Q23	2Q21	2Q23	4Q22	-	-	-	1Q23
Estonia	4Q23	4Q23	4Q23	-	2Q23	2Q23	-	2Q21	2Q23	4Q22	-	-	-	-
Hungary	4Q23	4Q23	4Q23	-	2Q23	2Q23	2Q23	2Q21	2Q23	4Q22	-	-	-	1Q23
Latvia	4Q23	4Q23	4Q23	-	2Q23	2Q23	-	2Q21	2Q23	4Q22	-	-	-	-
Lithuania	4Q23	4Q23	4Q23	-	2Q23	2Q23	2Q23	2Q21	2Q23	4Q22	-	-	-	-
Montenegro	4Q23	4Q23	4Q23	-	2Q23	2Q23	-	2Q21	2Q23	4Q22	-	-	-	-
Poland	4Q23	4Q23	4Q23	4Q23	2Q23	2Q23	2Q23	2Q21	2Q23	4Q22	3Q22	2Q22	3Q22	1Q23
Romania	4Q23	4Q23	4Q23	4Q23	2Q23	2Q23	2Q23	2Q21	2Q23	4Q22	-	2Q22	3Q22	1Q23
Russia	4Q23	4Q23	4Q23	-	2Q23	2Q23	2Q23	2Q21	2Q23	4Q22	-	2Q22	-	1Q23
Serbia	4Q23	4Q23	4Q23	-	2Q23	2Q23	-	2Q21	2Q23	4Q22	-	-	-	-
Slovakia	4Q23	4Q23	4Q23	-	2Q23	2Q23	2Q23	2Q21	2Q23	4Q22	-	-	-	-
Slovenia	4Q23	4Q23	4Q23	-	2Q23	2Q23	-	2Q21	2Q23	4Q22	-	-	-	-
Turkey	4Q23	4Q23	4Q23	4Q23	2Q23	2Q23	2Q23	3Q23	2Q23	4Q22	3Q22	2Q22	3Q22	1Q23
Ukraine	4Q23	4Q23	4Q23	-	2Q23	2Q23	-	2Q21	2Q23	4Q22	-	-	-	-

Developed Asia-Pacific	Telco Actuals				Telco Forecasts									SMB Technology Forecaster (STF)
	Core	Fin KPIs	Pay TV	FMC	Core	IoT	Business	Pay TV	P2P	A2P	WDTF	FDTF	FMC	
Regional total	-	-	-	-	1Q23	2Q23	1Q23	2Q20	1Q23	4Q22	3Q22	2Q22	-	1Q23
Australia	4Q23	4Q23	4Q23	4Q23	1Q23	2Q23	1Q23	2Q20	1Q23	4Q22	3Q22	2Q22	3Q22	1Q23
Hong Kong	4Q23	4Q23	-	-	1Q23	2Q23	1Q23	-	1Q23	4Q22	-	2Q22	-	1Q23
Japan	4Q23	4Q23	4Q23	-	1Q23	2Q23	1Q23	2Q20	1Q23	4Q22	3Q22	2Q22	-	1Q23
New Zealand	4Q23	4Q23	4Q23	-	1Q23	2Q23	1Q23	2Q20	1Q23	4Q22	3Q22	2Q22	-	1Q23
Singapore	4Q23	4Q23	-	-	1Q23	2Q23	1Q23	-	1Q23	4Q22	-	-	-	1Q23
South Korea	4Q23	4Q23	4Q23	-	1Q23	2Q23	1Q23	2Q20	1Q23	4Q22	3Q22	2Q22	-	1Q23
Taiwan	4Q23	4Q23	-	-	1Q23	2Q23	1Q23	-	1Q23	4Q22	-	-	-	1Q23

Emerging Asia-Pacific	Telco Actuals				Telco Forecasts									SMB Technology Forecaster (STF)
	Core	Fin KPIs	Pay TV	FMC	Core	IoT	Business	Pay TV	P2P	A2P	WDTF	FDTF	FMC	
Regional total	-	-	-	-	2Q23	2Q23	2Q23	2Q20	2Q23	4Q22	3Q22	2Q22	-	1Q23 ¹
EMAP excl. China	-	-	-	-	2Q23	2Q23	2Q23	2Q20	2Q23	4Q22	3Q22	2Q22	-	-
Bangladesh	4Q23	4Q23	-	-	2Q23	2Q23	-	-	2Q23	4Q22	-	-	-	-
Cambodia	4Q23	4Q23	-	-	2Q23	2Q23	-	-	-	-	-	-	-	-
China	4Q23	4Q23	4Q23	4Q23	2Q23	2Q23	2Q23	2Q20	2Q23	4Q22	3Q22	2Q22	3Q22	1Q23
India	4Q23	4Q23	4Q23	-	2Q23	2Q23	2Q23	2Q20	2Q23	4Q22	3Q22	2Q22	-	1Q23
Indonesia	4Q23	4Q23	4Q23	-	2Q23	2Q23	2Q23	2Q20	2Q23	4Q22	3Q22	2Q22	-	1Q23
Malaysia	4Q23	4Q23	4Q23	4Q23	2Q23	2Q23	2Q23	2Q20	2Q23	4Q22	-	2Q22	3Q22	1Q23
Myanmar	4Q23	4Q23	4Q23	-	2Q23	2Q23	-	2Q20	2Q23	4Q22	-	-	-	-
Nepal	4Q23	4Q23	-	-	2Q23	2Q23	-	-	-	-	-	-	-	-
Pakistan	4Q23	4Q23	-	-	2Q23	2Q23	2Q23	-	2Q23	4Q22	-	-	-	-
Philippines	4Q23	4Q23	4Q23	-	2Q23	2Q23	2Q23	2Q20	2Q23	4Q22	-	-	-	1Q23
Sri Lanka	4Q23	4Q23	-	-	2Q23	2Q23	-	-	-	-	-	-	-	-
Thailand	4Q23	4Q23	4Q23	4Q23	2Q23	2Q23	2Q23	2Q20	2Q23	4Q22	-	-	3Q22	1Q23
Vietnam	4Q23	4Q23	4Q23	-	2Q23	2Q23	-	2Q20	2Q23	4Q22	-	-	-	1Q23

Middle East and North Africa	Telco Actuals				Telco Forecasts									SMB Technology Forecaster (STF)
	Core	Fin KPIs	Pay TV	FMC	Core	IoT	Business	Pay TV	P2P	A2P	WDTF	FDTF	FMC	
Regional total	-	-	-	-	4Q22	2Q23	4Q22	2Q20	4Q22	4Q22	3Q22	2Q22	-	-
Algeria	4Q23	4Q23	-	-	4Q22	2Q23	-	-	-	-	-	-	-	-
Egypt	4Q23	4Q23	4Q23	-	4Q22	2Q23	4Q22	2Q20	-	-	-	-	-	1Q23
Iraq	4Q23	4Q23	-	-	4Q22	2Q23	-	-	-	-	-	-	-	-
Iran	4Q23	4Q23	-	-	4Q22	2Q23	-	-	-	-	-	-	-	-
Israel	4Q23	4Q23	-	-	4Q22	2Q23	4Q22	-	-	-	-	-	-	1Q23
Kuwait	4Q23	4Q23	-	-	4Q22	2Q23	-	-	-	-	-	-	-	-
Morocco	4Q23	4Q23	-	-	4Q22	2Q23	4Q22	-	4Q22	4Q22	-	-	-	-
Oman	4Q23	4Q23	4Q23	-	4Q22	2Q23	4Q22	2Q20	4Q22	4Q22	-	2Q22	-	-
Qatar	4Q23	4Q23	4Q23	-	4Q22	2Q23	4Q22	2Q20	4Q22	4Q22	-	2Q22	-	-
Saudi Arabia	4Q23	4Q23	4Q23	-	4Q22	2Q23	4Q22	2Q20	4Q22	4Q22	3Q22	2Q22	-	1Q23
Tunisia	4Q23	4Q23	-	-	4Q22	2Q23	-	-	-	-	-	-	-	-
UAE	4Q23	4Q23	4Q23	-	4Q22	2Q23	4Q22	2Q20	4Q22	4Q22	-	2Q22	-	1Q23

Sub-Saharan Africa	Telco Actuals				Telco Forecasts									SMB Technology Forecaster (STF)
	Core	Fin KPIs	Pay TV	FMC	Core	IoT	Business	Pay TV	P2P	A2P	WDTF	FDTF	FMC	
Regional total	-	-	-	-	3Q23	2Q23	3Q23	2Q20	3Q23	4Q22	3Q22	2Q22	-	-
Cameroon	4Q23	4Q23	-	-	3Q23	2Q23	-	-	-	-	-	-	-	-
Côte d'Ivoire	4Q23	4Q23	-	-	3Q23	2Q23	-	-	-	-	-	-	-	-
Ghana	4Q23	4Q23	-	-	3Q23	2Q23	-	-	3Q23	4Q22	-	-	-	-
Kenya	4Q23	4Q23	-	-	3Q23	2Q23	3Q23	-	3Q23	4Q22	-	-	-	1Q23
Nigeria	4Q23	4Q23	-	-	3Q23	2Q23	3Q23	-	3Q23	4Q22	-	-	-	1Q23
Rwanda	4Q23	4Q23	-	-	3Q23	2Q23	-	-	-	-	-	-	-	-
South Africa	4Q23	4Q23	4Q23	-	3Q23	2Q23	3Q23	2Q20	3Q23	4Q22	3Q22	2Q22	-	1Q23
Tanzania	4Q23	4Q23	-	-	3Q23	2Q23	-	-	-	-	-	-	-	-
Uganda	4Q23	4Q23	-	-	3Q23	2Q23	-	-	-	-	-	-	-	-
Zambia	4Q23	4Q23	-	-	3Q23	2Q23	-	-	-	-	-	-	-	-

Middle East and Africa	Telco Actuals				Telco Forecasts									SMB Technology Forecaster (STF)
	Core	Fin KPIs	Pay TV	FMC	Core	IoT	Business	Pay TV	P2P	A2P	WDTF	FDTF	FMC	
Regional total	-	-	-	-	-	-	-	-	-	-	-	-	-	1Q23 ¹

1 - The SMB Technology Forecaster (STF) also publishes results for the "rest-of region" geographical entity in DataHub.

Metric set abbreviations:

Core	Core actuals/forecasts
Fin KPIs	Financial KPIs
Pay TV	Pay TV actuals/forecasts
FMC	Fixed-mobile convergence actuals/forecasts
IoT	IoT forecasts
Business	Operator business forecasts
P2P	Communications services forecasts: person to person messaging
A2P	Communications services forecasts: application to person messaging
WDTF	Data traffic forecasts: wireless data traffic forecasts
FDTF	Data traffic forecasts: fixed data traffic forecasts
STF	SMB Technology Forecaster

In addition to the countries listed in the tables above, regional totals also include:

Latin America	Anguilla, Antigua and Barbuda, Netherlands Antilles, Aruba, Bahamas, Barbados, Belize, Bermuda, Bolivia, Bonaire, Cayman Islands, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Falkland Islands (Malvinas), French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Montserrat, Nicaragua, Panama, Paraguay, Puerto Rico, Saint Barthélemy, Sint Eustatius and Saba, Sint Maarten/St. Martin, St Kitts and Nevis, St Lucia, St Vincent and the Grenadines, Suriname, Trinidad and Tobago, Turks and Caicos Islands, Uruguay, Venezuela, British Virgin Islands and US Virgin Islands.
Central and Eastern Europe	Albania, Belarus, Bosnia, Moldova and Republic of North Macedonia
Developed Asia–Pacific	Brunei, French Polynesia, Guam, Macau, New Caledonia and Northern Mariana Islands
Emerging Asia–Pacific	Afghanistan, American Samoa, Armenia, Azerbaijan, Bhutan, Cook Islands, Fiji, Georgia, Kazakhstan, Kiribati, Kyrgyzstan, Laos, Maldives, Marshall Islands, Micronesia, Mongolia, Nauru, Niue, North Korea, Palau, Papua New Guinea, Samoa, Solomon Islands, Tajikistan, Timor-Leste, Tokelau, Tonga, Turkmenistan, Tuvalu, Uzbekistan and Vanuatu, Wallis and Futuna Islands.
Middle East and North Africa	Bahrain, Jordan, Lebanon, Libya, Palestine, Syria, Western Sahara and Yemen.
Sub-Saharan Africa	Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo, Democratic Republic of Congo, Djibouti, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Guinea, Guinea-Bissau, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mayotte, Mozambique, Namibia, Niger, Réunion, São Tomé and Príncipe, Senegal, Seychelles, Sierra Leone, Somalia, Saint Helena, South Sudan, Sudan, Swaziland, Togo and Zimbabwe.