



Analysys Mason DataHub: Introduction to key features and content overview



Hilary Bailey, Research Director, Head of Data

October 2019

The DataHub, our database tool, enables clients to access our core data products from a single online portal

Actuals and forecasts portals: over 2600 metrics in total

80+ countries, 8 regions, worldwide forecasts

FORECASTS: Core, IoT, Business Services, pay-TV metric sets and more...

Actuals updated quarterly, forecasts twice a year

Actuals: operator and country, quarterly and annual data (270+ metrics)

Actuals: around 550 operators, normalised and as-reported, data, including financial KPIs for Groups

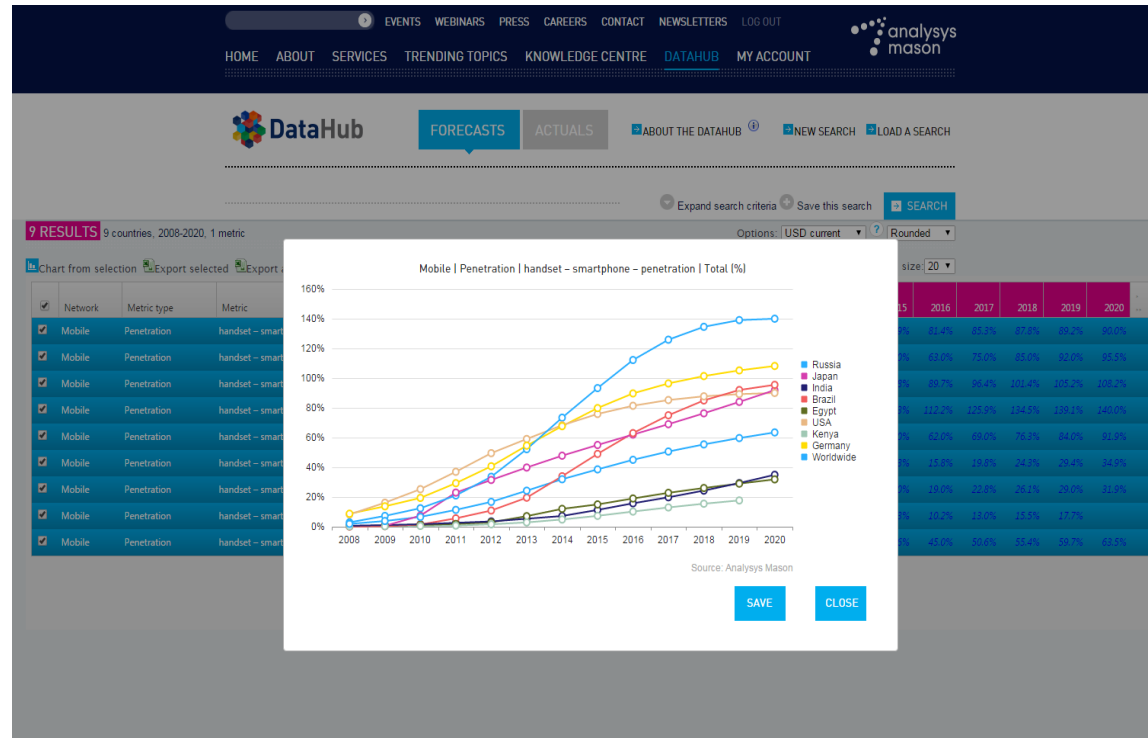
Export to Excel for further analysis

On-screen charts, easy comparisons

On-screen definitions and update dates

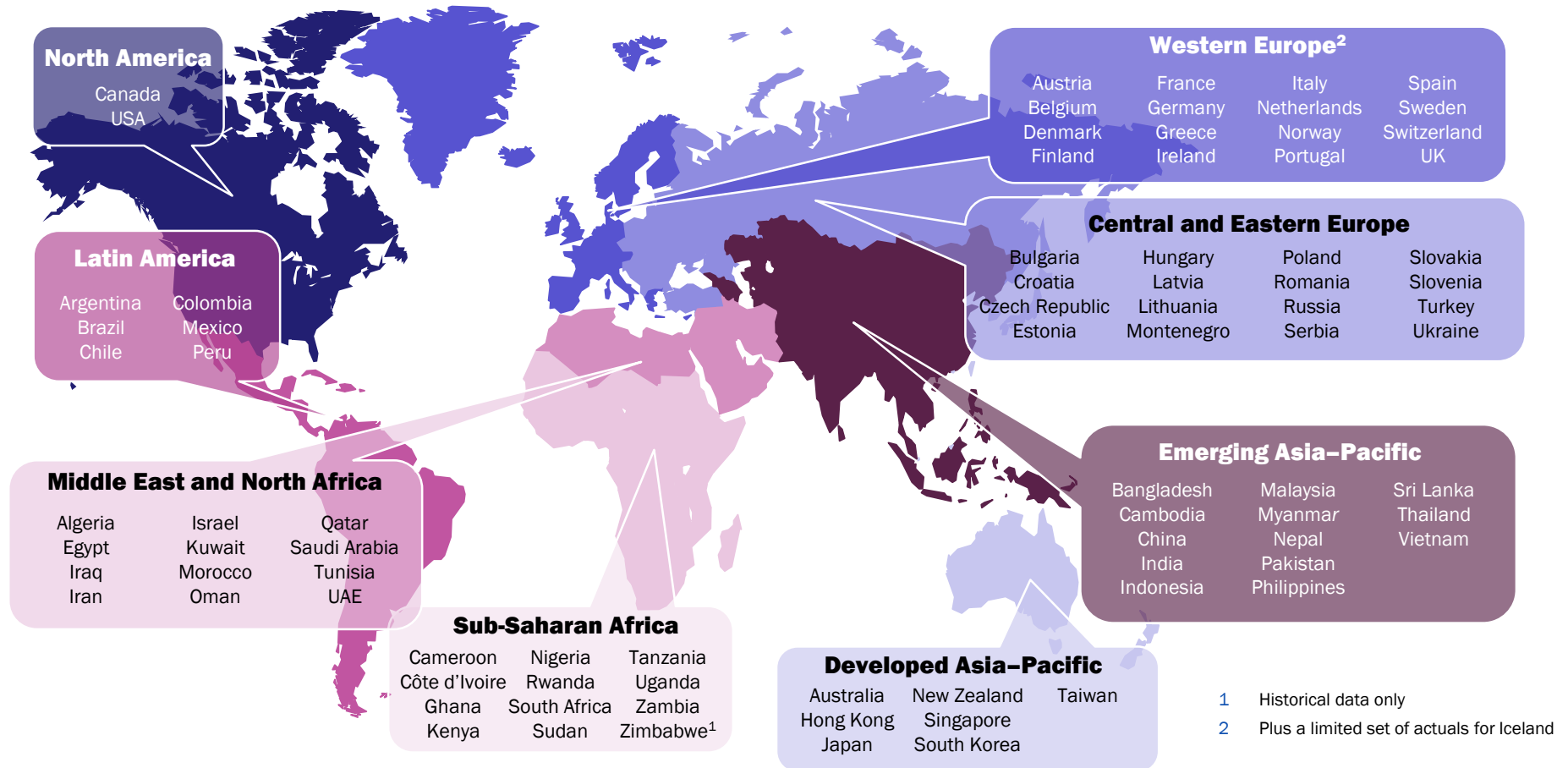
On-screen currency conversion

Save and re-load searches



Geographical coverage: more than 80 countries in 8 regions, regional totals and worldwide results

Geographical coverage of Analysys Mason Core Data, May 2019



Research from Analysys Mason: many datasets now reside in the DataHub

analysismason.com/research

Consumer services programmes

Mobile Services

Mobile Devices

Fixed Broadband Services

Convergence Strategies

Video Strategies

Operator investment programmes

Operator Investment Strategies

Network Traffic

Spectrum

Telecoms software and networks programmes

Software Forecast and Strategy

Telecoms Software Market Shares

Network-focused

Next-Generation Wireless Networks

Video and Identity Platforms

Service Design and Orchestration

Automated Assurance

Network Automation and Orchestration

Digital Infrastructure Strategies

Customer-focused

Digital Experience

Customer Engagement

Monetisation Platforms

AI and Analytics



Digital economy programmes

Digital Economy Strategies

Future Comms

Operator business services and IoT programmes

Large Enterprise Voice and Data Connectivity

Large Enterprise Emerging Service Opportunities

SME Strategies

IoT and M2M Services

IoT Platforms and Technology

SMB ICT channels and forecasts programmes

Managed Service Provider Strategies

Regional markets programmes

Global Telecoms Data

Americas

Asia-Pacific

Middle East and Africa

European Core Forecasts

European Telecoms Market Matrix

European Country Reports

DataHub

~2500 forecast and 250+ historical metrics

Regional results and worldwide totals

Operator historical data

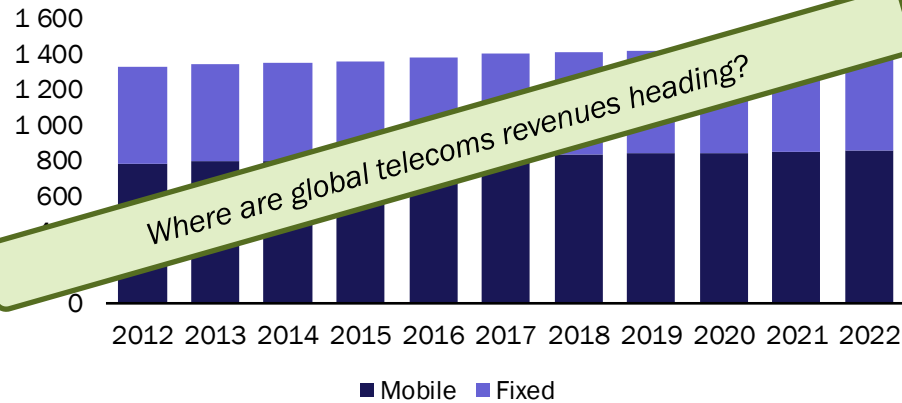
KEY: Datasets
in DataHub

Core
Data

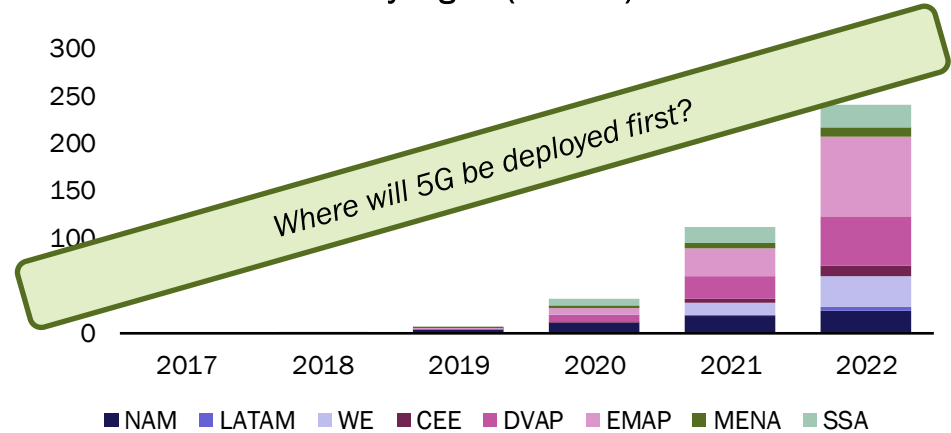
Topic
Data

Analysys Mason DataHub – what kind of questions can the data address?

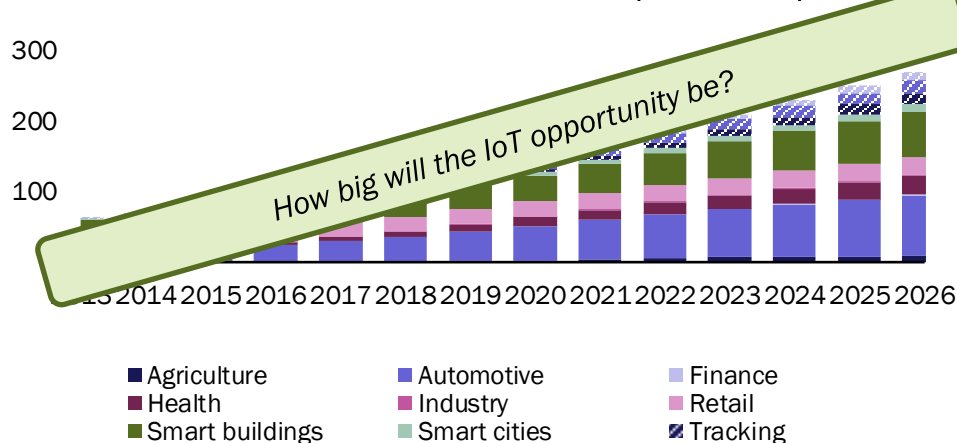
Worldwide fixed and mobile telecoms service revenue (USD Bn)



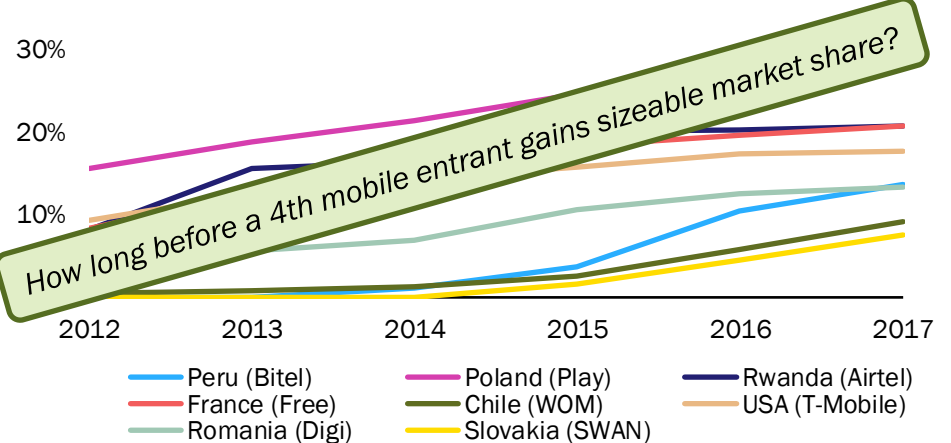
5G mobile connections by region (millions)



Worldwide Total Value Chain IoT Revenue (USD Billion)



Mobile fourth entrant market shares of mobile connections



Analysys Mason DataHub – key concepts

Choose between ACTUALS and FORECASTS:

Actuals:
The most recent country and operator data, including quarterly and as-reported data (where available).

Forecasts:
A coherent set of country forecasts based on a time-stamped set of historical data. They run for at least five years into the future, in the context of historical data from 2008 or earlier

LOAD A SEARCH:
Re-use a saved search (countries, operators, metrics, years)

ABOUT THE DATAHUB:
Key information about your subscription, recent updates and how to use the DataHub
The “new data” icon shows when data has recently been refreshed

My DataHub access rights
Your account has access to the following areas of the DataHub:

- Forecasts: Enterprise breakout for all geographies
- Actuals and Forecasts: Granular pay TV forecasts and historical market shares for Europe
- Forecasts: Granular IoT for all geographies.
- Actuals and Forecasts: Extended Core metrics (including European extended metric set) for all geographies.
- Actuals: Financial KPIs for all geographies

DataHub version log - publication date 28 Feb 2019

Latest forecast versions	Publication date	Based on historical data up to:	
Worldwide	28 Feb 2019	2Q 2018	NEW
Central and Eastern Europe	28 Feb 2019	3Q 2018	NEW
Western Europe	28 Feb 2019	3Q 2018	NEW
Developed Asia-Pacific	28 Feb 2019	2Q 2018	Refreshed
North America	27 Feb 2019	3Q 2018	NEW
Sub-Saharan Africa	25 Feb 2019	2Q 2018	Refreshed
Middle East and North Africa	25 Feb 2019	2Q 2018	Refreshed
Emerging Asia-Pacific	25 Feb 2019	2Q 2018	Refreshed
Latin America	25 Feb 2019	2Q 2018	Refreshed

Latest actuals data	Publication date	Based on historical data up to:	
Sub-Saharan Africa	28 Feb 2019	3Q 2018	Refreshed
Developed Asia-Pacific	28 Feb 2019	3Q 2018	Refreshed
Emerging Asia-Pacific	25 Feb 2019	3Q 2018	Refreshed
Middle East and North Africa	25 Feb 2019	3Q 2018	Refreshed
Latin America	25 Feb 2019	3Q 2018	Refreshed
North America	25 Feb 2019	3Q 2018	Refreshed
Central and Eastern Europe	15 Jan 2019	3Q 2018	
Western Europe	15 Jan 2019	3Q 2018	
Financial KPIs (all regions)	15 Jan 2019	3Q 2018	

Core and topic forecasts have different update cycles. These dates reflect the latest forecast change. Please refer to the Full metrics list (available from About the DataHub menu) for further details. "Refreshed" indicates a minor change to an existing dataset, whilst "NEW" indicates a new version.

Analysys Mason DataHub – main features

DataHub FORECASTS ACTUALS ABOUT THE DATAHUB NEW SEARCH LOAD A SEARCH

GEOGRAPHY Set locations... +

FORECAST VIEWS

- Everything
- IoT forecasts
- Pay-TV forecasts
- Core forecasts
- Business forecasts
- Communications services

YEARS Set years... +

METRICS Clear filters

Using metric set for Core forecasts ? remove

Free text: ? Enter freetext... Any

Network

- ☒ Mobile
- ☐ Fixed
- ☐ Fixed + Mobile
- ☐ Pay TV
- ☐ Fixed + Pay TV
- ☐ Fixed + Mobile + Pay TV
- ☐ Wireless (IoT)
- ☐ Fixed + Wireless (IoT)
- ☐ Network independent
- ☐ All (Business)

Metric type

- ☒ Connections
- ☐ Users
- ☐ Penetration
- ☐ Service revenue
- ☐ Retail revenue
- ☐ Wholesale revenue
- ☐ ARPU
- ☐ ASPU
- ☐ Traffic
- ☐ Socioeconomic

Segment

- ☒ Total
- ☐ Residential
- ☐ Business
- ☐ Business – SME
- ☐ Business – micro
- ☐ Business – small
- ☐ Business – medium
- ☐ Business – large

Service

- ☐ Totals
- ☐ Voice
- ☐ Data
- ☐ Data – messaging
- ☐ Data – access/content
- ☐ Data – broadband
- ☐ Data – IoT
- ☐ Specialist business services
- ☐ Pay TV

Technology

- ☐ Totals
- ☐ 2G
- ☐ 3G
- ☐ 4G
- ☐ 5G
- ☐ Circuit-switched
- ☐ VoIP
- ☐ Narrowband
- ☐ VoBB

Device

- ☐ Totals
- ☐ Handset
- ☐ Handset – ba
- ☐ Handset – sm
- ☐ Broadband
- ☐ Broadband –
- ☐ Broadband –
- ☐ IoT
- ☐ PC/laptop

Hide metrics (36 metrics found) • Expand metrics list

Network	Metric type	Metric	Mkt seg	Info	Countries
Mobile	Connections	total – including IoT	Total	?	93
Mobile	Connections	total	Total	?	93
Mobile	Connections	total – prepaid	Total	?	93
Mobile	Connections	total – contract	Total	?	93
Mobile	Connections	total – prepaid share	Total	?	93
Mobile	Connections	total – 2G	Total	?	93

Save this search SEARCH

On-screen help gives definitions, update dates and details of our taxonomy

Dynamic filtering: Find the metrics you need by filtering on key identifiers

Tiered metric names make our taxonomy clear

Saved searches: Repeat regular searches

See Version log (details of latest updates), subscription details, full metrics list and other useful information here

Forecast views: See themed data sets: filters rearranged and just the relevant metrics and geographies are shown

Dataset alert box: describes the sub-set of the database currently being viewed. switch off selected view by clicking on “remove”

Levels: Pick out top-level metrics, or a greater degree of granularity

Country count: Easy to see how much data is available

Analysys Mason DataHub – results features (FORECASTS)

On-screen charting for easy comparisons

Export to Excel for further analysis

Instant currency conversion

View data rounded or unrounded

On-screen help gives definitions, update dates

View a single row with this quick chart

Colours distinguish between historical data and forecasts

Network	Service type	Metric	Segment	Info	Geography	Unit	Chart	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Fixed + Mobile	Service revenue	total	Total	?	USA	USD (M)		371,793	372,152	378,071	383,119	391,505	394,812	396,512	396,532	395,995	395,625
Fixed + Mobile	Service revenue	total	Total	?	Brazil	USD (M)		46,238	33,222	30,510	33,674	34,655	35,996	36,730	37,126	37,397	37,608
Fixed + Mobile	Service revenue	total	Total	?	Mexico	USD (M)		23,651	19,478	15,630	15,737	15,995	16,234	16,486	16,722	16,933	17,108
Fixed + Mobile	Service revenue	total	Total	?	France	USD (M)		51,837	43,268	43,362	44,742	44,751	44,636	44,392	44,187	44,078	44,070
Fixed + Mobile	Service revenue	total	Total	?	Germany	USD (M)		55,629	45,895	46,405	47,406	48,026	48,470	48,820	49,066	49,184	49,221
Fixed + Mobile	Service revenue	total	Total	?	Poland	USD (M)		9,414	7,606	7,209	7,290	7,186	7,150	7,132	7,110	7,123	7,140
Fixed + Mobile	Service revenue	total	Total	?	Russia	USD (M)		35,808	22,127	20,105	23,994	24,924	25,732	26,428	26,815	26,956	27,001
Fixed + Mobile	Service revenue	total	Total	?	Japan	USD (M)		104,031	92,262	104,815	101,121	100,940	98,880	98,288	98,913	99,438	99,723
Fixed + Mobile	Service revenue	total	Total	?	South Korea	USD (M)		37,998	35,501	33,396	33,877	33,481	33,667	33,935	34,172	34,371	34,546
Fixed + Mobile	Service revenue	total	Total	?	India	USD (M)		35,019	36,807	35,397	32,816	30,491	30,254	30,825	31,353	31,964	32,832
Fixed + Mobile	Service revenue	total	Total	?	Indonesia	USD (M)		12,058	14,833	12,583	13,422	14,116	15,189	16,128	16,985	17,662	18,140
Fixed + Mobile	Service revenue	total	Total	?	Saudi Arabia	USD (M)		14,950	15,930	15,365	14,869	14,408	14,207	14,312	14,522	14,831	15,037
Fixed + Mobile	Service revenue	total	Total	?	UAE	USD (M)		9,037	9,362	9,542	9,471	9,427	9,401	9,443	9,538	9,647	9,737
Fixed + Mobile	Service revenue	total	Total	?	Nigeria	USD (M)		10,462	8,965	7,844	6,002	6,415	6,806	6,988	7,129	7,318	7,555
Fixed + Mobile	Service revenue	total	Total	?	South Africa	USD (M)		11,234	10,220	9,361	10,931	11,384	11,659	11,866	12,020	12,116	12,186

Analysys Mason DataHub – operator search features (ACTUALS)

SELECT OPERATORS TO FILTER YOUR RESULTS BY:

Refine list by:

- Geography
- Network
- Operator Type ?

49 operators found

Operator	Country	Network	Type
Vodafone	Qatar	Mobile	second entrant
Vodafone	Qatar	Fixed	altnet
Vodafone	Qatar	Fixed + Mobile	integrated
Vodafone	Romania	Mobile	first entrant
Vodafone	Spain	Mobile	second entrant
Vodafone	Spain	Fixed	altnet
Vodafone	Spain	Fixed + Mobile	integrated
Vodafone	Turkey	Mobile	second entrant
Vodafone	Turkey	Fixed	altnet
Vodafone	Turkey	Fixed + Mobile	integrated
Vodafone	UK	Mobile	first entrant
Vodafone	UK	Fixed	altnet
Vodafone	UK	Fixed + Mobile	integrated
MTS (Vodafone)	Ukraine	Mobile	first entrant
MTS (Vodafone)	Ukraine	Fixed + Mobile	integrated
Vodafone ?	Worldwide	Fixed + Mobile	group

Search:

Callouts:

- Select operators by geography
- Select operators by network
 - fixed or mobile
- Select operators by type
 - Mobile – entrant order
 - Fixed - technology
- Free-text search helps you to find all instances of an operator name

CANCEL ▶ APPLY FILTERS

Analysys Mason DataHub – results features (ACTUALS)

The screenshot displays the 'ACTUALS' tab in the Analysys Mason DataHub. The interface includes a navigation bar with links like HOME, ABOUT, SERVICES, TRENDING TOPICS, KNOWLEDGE CENTRE, DATAHUB, and MY ACCOUNT. Below this, the 'DataHub' logo and 'FORECASTS'/'ACTUALS' tabs are visible. The main content area shows a table of mobile ARPU data for various countries and operators. Callouts highlight the following features:

- Select country, operator data, or both:** Indicated by a callout pointing to the search filters.
- On-screen charting for easy comparisons:** Indicated by a callout pointing to the 'Chart from selection' button.
- Export to Excel for further analysis:** Indicated by a callout pointing to the 'Export selected' and 'Export all' buttons.
- On-screen help gives definitions, update dates:** Indicated by a callout pointing to the help icon (?) in the table header.
- View data rounded or unrounded:** Indicated by a callout pointing to the 'Rounded' dropdown menu.
- Instant currency conversion:** Indicated by a callout pointing to the 'USD current' dropdown menu.
- Select Annual, quarterly, half-yearly data, or all:** Indicated by a callout pointing to the 'Options' dropdown menu.
- View a single row with this quick chart:** Indicated by a callout pointing to the 'Chart' icon in the table header.

Network	Metric type	Metric	Info	Geography	Operator	Unit	Chart	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
Mobile	ARPU	total (excl. IoT SIMs)	?	Canada	Rogers	USD		56.03	48.51	53.46	45.96	44.08	42.44	40.12	34.66	33.30	33.74	33.72	
Mobile	ARPU	total (excl. IoT SIMs)	?	Canada	Bell	USD		47.61	39.22	41.75	41.44	39.76	35.48	33.66	35.54	42.23	50.17	50.66	
Mobile	ARPU	total (excl. IoT SIMs)	?	Canada	Telus	USD		56.77	45.65	46.50	46.87	45.12	40.16	37.38	36.38	41.93	49.04	50.60	
Mobile	ARPU	total (excl. IoT SIMs)	?	Canada	SaskTel	USD		54.86	47.36	51.39	49.31	50.13	45.22	38.86	35.56	38.04	42.47	46.63	
Mobile	ARPU	total (excl. IoT SIMs)	?	Canada	MTS	USD		55.71	51.40	56.49	61.31	60.81	57.09	52.95	45.91	45.53	24.01		
Mobile	ARPU	total (excl. IoT SIMs)	?	Canada	Freedom Mobile	USD											0.00	28.82	30.64
Mobile	ARPU	total (excl. IoT SIMs)	?	Canada	Videotron	USD		43.41	35.81	29.95	32.41	27.97	26.57	26.91	27.98	29.67	31.85	31.57	
Mobile	ARPU	total (excl. IoT SIMs)	?	Canada	others	USD			0.00	5.73	19.68	32.63	44.48	40.55	37.55	38.54	34.74	45.40	
Mobile	ARPU	total (excl. IoT SIMs)	?	Canada	Total market	USD		53.61	44.84	47.38	44.36	42.92	40.09	37.60	35.51	37.48	41.81	42.07	
Mobile	ARPU	total (excl. IoT SIMs)	?	USA	Verizon	USD		51.48	51.40	46.59	46.88	47.40	49.11	50.58	48.38	45.83	44.22	46.31	
Mobile	ARPU	total (excl. IoT SIMs)	?	USA	AT&T	USD		50.84	50.55	50.03	48.04	46.51	45.32	41.77	50.01	39.18	39.85	40.67	
Mobile	ARPU	total (excl. IoT SIMs)	?	USA	Sprint	USD		50.62	46.33	47.00	47.31	49.80	52.19	50.76	47.16	44.42	43.81	45.03	
Mobile	ARPU	total (excl. IoT SIMs)	?	USA	T-Mobile	USD		53.82	49.62	49.72	50.89	48.67	49.04	42.07	40.17	39.80	40.70	41.58	
Mobile	ARPU	total (excl. IoT SIMs)	?	USA	others	USD		27.21	19.31	38.66	40.42	41.17	25.40	16.35	17.30	15.30	14.68	14.05	
Mobile	ARPU	total (excl. IoT SIMs)	?	USA	Total market	USD		47.98	46.38	47.33	47.37	47.18	46.58	44.60	42.27	40.86	40.55	41.66	
Mobile	ARPU	total (excl. IoT SIMs)	?	Argentina	Claro	USD		9.96	8.77	8.91	9.38	9.27	8.47	6.93	7.65	6.19	7.14	6.28	
Mobile	ARPU	total (excl. IoT SIMs)	?	Argentina	Movistar	USD		12.64	11.46	12.75	13.35	13.95	12.82	9.63	10.30	7.49	9.53	9.26	
Mobile	ARPU	total (excl. IoT SIMs)	?	Argentina	Nextel	USD		40.65	34.53	33.93	33.77	29.39	22.40	14.39	14.98	9.51	13.16	11.96	
Mobile	ARPU	total (excl. IoT SIMs)	?	Argentina	Telecom Personal	USD		13.35	11.34	11.77	12.92	13.24	12.62	9.58	10.43	8.27	8.84	9.02	

Analysys Mason DataHub – direct links from report landing pages

SEARCH [] EVENTS WEBINARS PRESS CAREERS CONTACT NEWSLETTERS LOG OUT

HOME ABOUT SERVICES TRENDING TOPICS KNOWLEDGE CENTRE DATAHUB MY ACCOUNT

KNOWLEDGE CENTRE ▶ EMERGING ASIA-PACIFIC TELECOMS MARKET: TRENDS AND FORECASTS 2018-2023 FOLLOW US [] [] []

KNOWLEDGE CENTRE

Tweet 5 Share 0 Google 0 Email Print

Emerging Asia-Pacific telecoms market: trends and forecasts 2018-2023

14 August 2018 | PPTX and PDF (44 slides); Excel
Content type: Forecast report
Research programme: APAC

SIMON LUMB
JULIA MARTUSEWICZ-KULINSKA
STEPHEN WILSON

"Emerging Asia-Pacific will continue to be one of the fastest growing regions in the world in terms of telecoms revenue."

The emerging Asia-Pacific (EMAP) region is home to some of the most dynamic telecoms markets in the world. This report examines key trends and drivers, and provides comprehensive telecoms market forecasts for the region and for six individual countries.

THIS REPORT AND ASSOCIATED DATA ANNEX PROVIDE:

- a 5-year forecast of more than 180 mobile and fixed KPIs for the EMAP region as a whole and for 13 key countries
- an in-depth analysis of the trends, drivers and forecast assumptions for each type of mobile and fixed service, and for key countries
- an overview of operator strategies and country-specific topics, in order to highlight similarities and differences by means of a cross-country comparison
- a summary of results, key implications and recommendations for mobile and fixed operators.

Our forecasts are refined throughout the year. This report presents the results at the time of publication and will continue to give useful background information about key drivers. However, we recommend that you always use the Analysys Mason DataHub to view the latest data associated with this report.

DataHub

Analyse the latest dataset associated with this research in Analysys Mason's DataHub.

NEW: Clicking below will take you directly to the dataset if it is part of your subscription, and if you are logged in.

If only part of this product is available within your subscription, the DataHub interface will show you the data you are entitled to see.

[Launch DataHub](#)

DOWNLOADS

REPORT - PPTX, 3.2MB []

REPORT - PDF, 1.6MB []

DATA ANNEX - XLSX, 2.5MB []

This item is included in your subscriptions.

Clicking on this link will take you directly to the DataHub and load the results relevant to this report. (You need to be logged in for this to work, and you will see as much of the data as overlaps with your subscription.)

Analysys Mason DataHub – direct links: for a *small* dataset the results are shown immediately, eg India country report

KNOWLEDGE CENTRE

India telecoms market report 2018

16 August 2018 | PPTX and PDF (25 slides); Excel
Content type: Country report
Research programme: APAC

ALEX BOISOT
Research Analyst

DataHub
Analyse the latest dataset associated with this research in Analysys Mason's DataHub.
NEW! Clicking below will take you directly to the dataset if it is part of your subscription, and if you are logged in.
If only part of this product is available within your subscription, the DataHub interface will show you the data you are entitled to.

Launch DataHub

COMPANY COVERAGE
This report provides information on the following companies.

- Airtel
- Atria Convergence Technologies
- Bhurat Sanchar Nigam Ltd
- Hathway
- Idea Cellular
- Mahanagar Telephone Nigam Ltd
- Reliance Jio Infocomm
- Reliance Communications
- Tata Teleservices
- Vodafone

DOWNLOADS

- COUNTRY REPORT - PPTX, 7.4MB
- COUNTRY REPORT - PDF, 1.3MB
- DATA ANNEX - XLS, 495KB

This item is included in your subscriptions.

Expand search criteria to return to the filters and change your selection of data,

Export to Excel for further analysis

341 RESULTS 1 country, 2003-2018, all operators, 157 metrics

Options: Country & operator data | Years | USD current | Rounded

Page 1 of 18 | Top | Page up | Page down | Bottom | Page size: 20 | Columns: All

Network	Metric type	Metric	Info	Geography	Operator	Unit	Chart	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mobile	Connections	total – including IoT	?	India	Total market	(k)	163,224	246,021	370,536	523,354	621,844	693,591	763,402	829,942	896,984	1,013,631	1,101,320	
Mobile	Connections	total – including IoT – prepaid	?	India	Total market	(k)	143,612	225,070	347,125	495,918	590,002	655,090	718,789	778,891	837,329	941,235	1,025,586	
Mobile	Connections	total – including IoT – contract	?	India	Total market	(k)	19,612	20,951	23,411	27,435	31,842	38,501	44,613	51,052	59,655	72,396	75,734	
Mobile	Connections	total – including IoT – prepaid share	?	India	Total market	%	88.0%	91.5%	93.7%	94.8%	94.9%	94.4%	94.2%	93.8%	93.3%	92.9%	93.1%	
Mobile	Connections	total	?	India	Airtel	(k)	48,055	75,096	105,638	137,075	159,059	170,646	187,130	206,875	232,031	273,995	305,341	
Mobile	Connections	total	?	India	Vodafone	(k)	29,372	44,936	68,082	93,409	111,861	137,064	149,835	168,592	182,926	196,831	208,877	
Mobile	Connections	total	?	India	Reliance	(k)	27,298	40,579	62,266	83,819	100,731	101,120	109,683	103,883	96,908	74,805	21,982	
Mobile	Connections	total	?	India	Idea Cellular	(k)	18,002	32,731	50,264	72,168	94,545	110,071	128,242	150,498	179,863	191,170	210,737	
Mobile	Connections	total	?	India	Tata	(k)	10,802	15,633	28,233	41,962	41,866	46,071	47,935	50,926	46,884	43,050	30,401	
Mobile	Connections	total	?	India	Jio	(k)	0	0	0	0	0	0	0	0	0	70,556	158,397	
Mobile	Connections	total	?	India	BSNL	(k)	21,098	26,215	35,678	49,364	31,486	52,930	58,577	51,258	50,591	59,739	66,583	
Mobile	Connections	total	?	India	others	(k)	8,544	10,654	19,921	44,768	81,085	73,760	79,085	93,812	102,049	95,384	88,109	
Mobile	Connections	total	?	India	Total market	(k)	163,172	245,843	370,084	522,564	620,633	691,663	760,487	825,844	891,252	1,005,530	1,090,427	
Mobile	Connections	total – prepaid	?	India	Airtel	(k)	43,886	70,589	101,097	132,163	153,261	163,723	178,364	195,793	218,218	256,327	286,018	
Mobile	Connections	total – prepaid	?	India	Vodafone	(k)	25,801	40,877	63,311	87,909	105,376	129,345	140,252	157,100	169,685	181,343	193,413	
Mobile	Connections	total – prepaid	?	India	Reliance	(k)	23,383	36,677	58,402	80,414	96,995	95,928	104,618	100,194	93,052	71,456	21,277	
Mobile	Connections	total – prepaid	?	India	Idea Cellular	(k)	16,577	30,708	48,079	69,624	91,365	106,045	123,127	144,430	172,682	182,986	202,141	
Mobile	Connections	total – prepaid	?	India	Tata	(k)	8,985	13,505	25,126	37,379	37,353	41,730	43,523	46,012	42,128	38,519	27,371	
Mobile	Connections	total – prepaid	?	India	Jio	(k)	0	0	0	0	0	0	0	0	0	67,097	151,347	
Mobile	Connections	total – prepaid	?	India	BSNL	(k)	17,968	23,440	33,018	46,678	29,834	49,326	54,690	47,729	46,772	55,100	61,831	

Analysys Mason DataHub – direct links: for a *large* dataset the filters are shown so that you can refine your search further, eg Emerging Asia–Pacific Telecoms forecast

KNOWLEDGE CENTRE

Emerging Asia-Pacific telecoms market: trends and forecasts 2018-2023

14 August 2018 | PPTX and PDF (44 slides); Excel
Content type: Forecast report
Research programme: **APAC**

"Emerging Asia-Pacific will continue to be one of the fastest growing regions in the world in terms of telecoms revenue."

The emerging Asia-Pacific (EMAP) region is home to some of the most dynamic telecoms markets in the world. This report examines key trends and drivers, and provides comprehensive telecoms market forecasts for the region and for six individual countries.

THIS REPORT AND ASSOCIATED DATA ANNEX PROVIDE:

- a 5-year forecast of more than 180 mobile and fixed KPIs for the EMAP region as a whole and for 13 key countries
- an in-depth analysis of the trends, drivers and forecast assumptions for each type of mobile and fixed service, and for key countries

Launch DataHub

DOWNLOADS

- REPORT - PPTX, 3.5MB
- REPORT - PDF, 1.6MB
- DATA ANNEX - XLSX, 2.5MB

This item is included in your subscriptions.

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FORECASTS ACTUALS

ABOUT THE DATAHUB NEW SEARCH LOAD A SEARCH

GEOGRAPHY

15 selected: **Nepal,Cambodia,Regional total excl. China, ...**

FORECAST VIEWS

- Everything
- IoT forecasts
- Pay-TV forecasts
- Core forecasts
- Business forecasts
- Communications services

YEARS

Set years...

METRICS Clear filters • Reset filter order

Using metric set for Core forecasts

remove

Network

- Mobile
- Fixed
- Fixed + Mobile
- Pay TV
- Fixed + Pay TV
- Fixed + Mobile + Pay TV
- Wireless (IoT)
- Fixed + Wireless (IoT)
- Network independent
- All (Business)

Metric type

- Connections
- Users
- Penetration
- Service revenue
- Retail revenue
- Wholesale revenue
- ARPU
- ASPU
- Traffic
- Socioeconomic

Segment

- Total
- Residential
- Business
- Business – SME
- Business – micro
- Business – small
- Business – medium
- Business – large

Service

- Totals
- Voice
- Data
- Data – messaging
- Data – access/content
- Data – broadband
- Data – IoT
- Specialist business services
- Pay TV

Technology

- Totals
- 2G
- 3G
- 4G
- 5G
- Circuit-switched
- VoIP
- Narrowband
- VoBB
- DSL
- DSL – ADSL/SDSL
- DSL – VDSL
- Cable modem
- FTTP/B
- BFWA
- IoT
- Pay TV

Pay-TV service platform

- Totals
- CATV
- CATV – analogue
- CATV – digital
- IPTV
- Satellite
- Pay DTT
- OTT

Show metrics (186 metrics found)

Level: 5 (all metrics)

Save this search SEARCH

The countries and regions associated with this report are pre-selected

The metrics associated with this report are pre-selected

Return to viewing everything by removing this view

Refine your search further by selecting additional filters

Search when you are ready to see your data selection

Analysys Mason DataHub contains core data plus extended topic datasets

Core data:

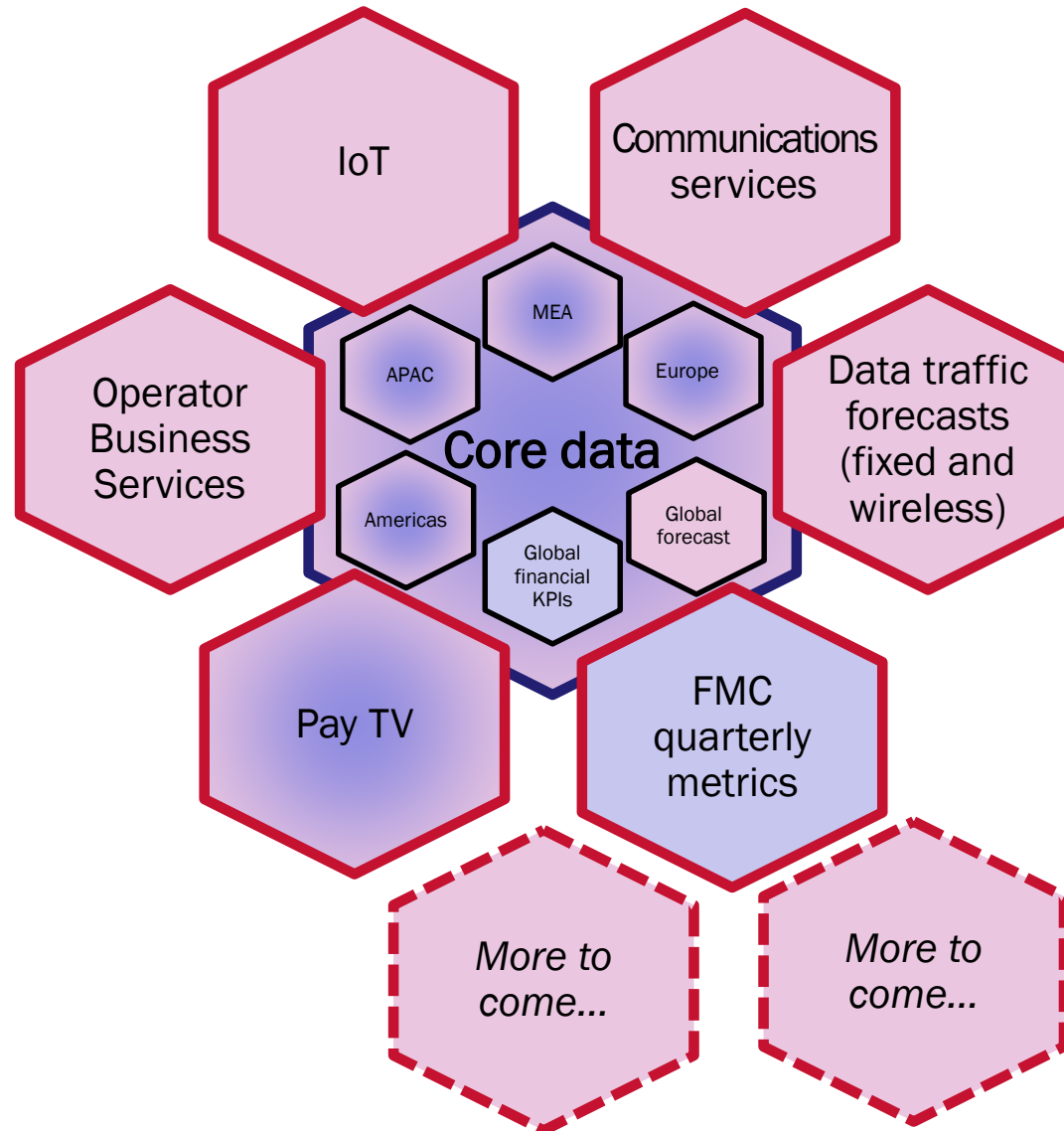
All metrics from the **regional markets programme** which describe the total telecoms market at country level for forecasts and country and operator level for actuals

KEY

Forecasts

Actuals

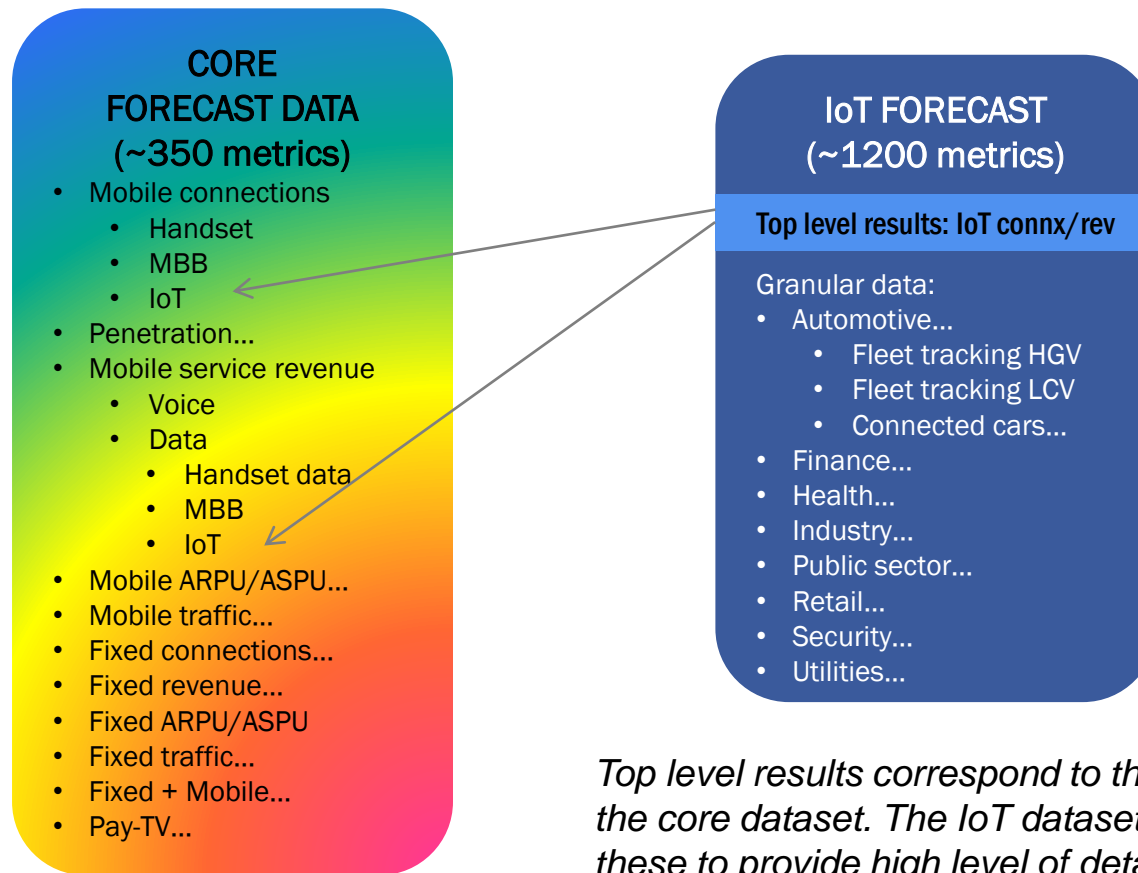
Both



Topic datasets:

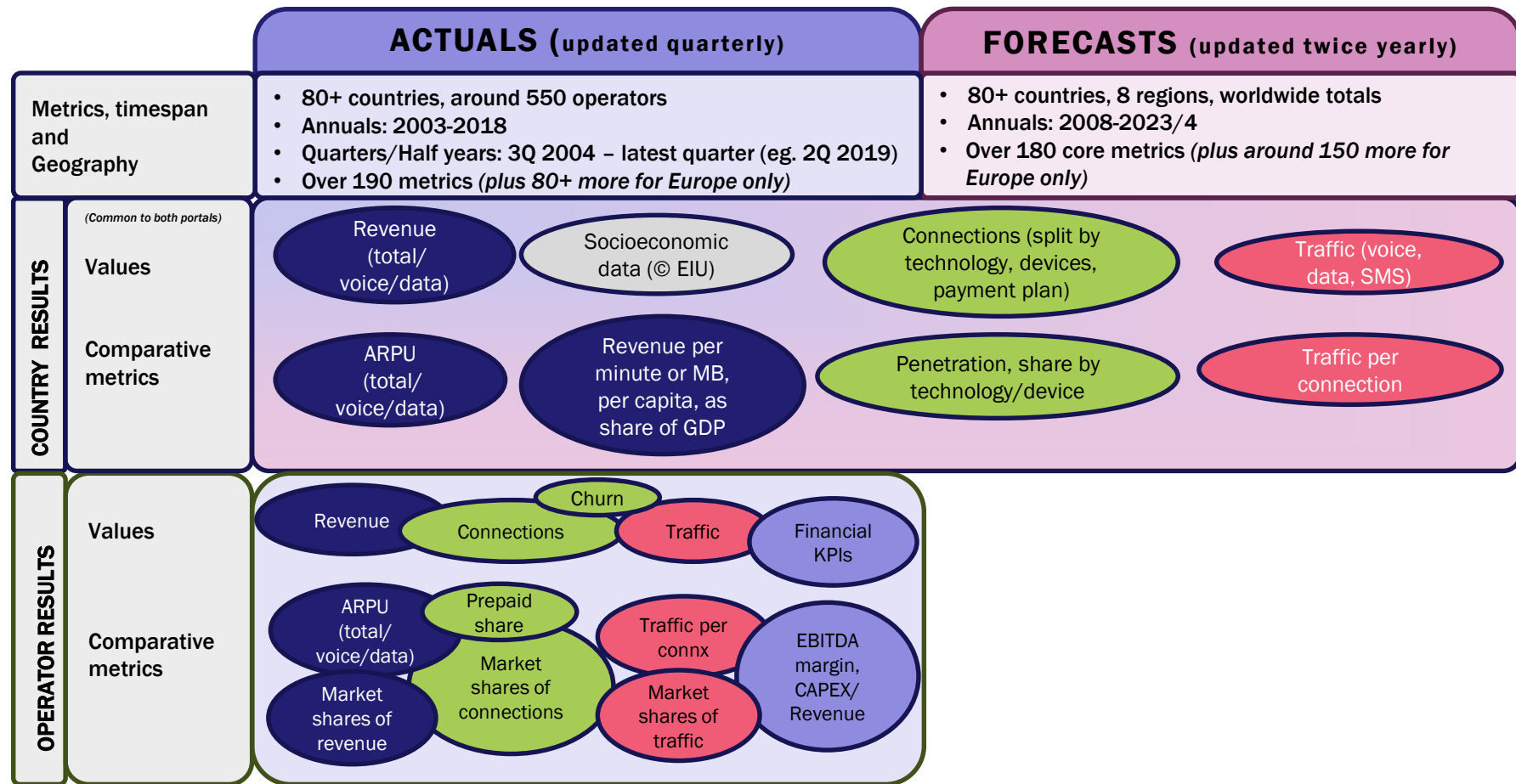
Typically forecasts, which expand on the core metrics with much greater granularity. Data supplied from other programmes in the Analysys Mason Research portfolio, such as **Operator Business Services** and **IoT and Video Strategies**

Core v Topic: adding granular topic forecasts to the DataHub – the example of IoT



Top level results correspond to the IoT results in the core dataset. The IoT dataset expands on these to provide high level of detail

Core data: all metrics are standardised to common definitions for valid comparisons



1 We provide both normalised and as-reported operator data for key metrics

Core data: historical data and forecasts for around 180 metrics in all 80+ markets, with extra detail (150 additional metrics) for Europe

	MOBILE	FIXED
Connections	<ul style="list-style-type: none"> Mobile connections and penetration: <ul style="list-style-type: none"> Prepaid/contract 2G/3G/4G/5G Handset/mobile broadband/M2M Mobile handsets: <ul style="list-style-type: none"> Prepaid/contract 2G/3G/4G/5G Smartphone/non-smartphone 	<ul style="list-style-type: none"> Total fixed voice connections: <ul style="list-style-type: none"> narrowband VoIP Pay TV subscribers Dial-up connections Fixed broadband connections: <ul style="list-style-type: none"> DSL, VDSL, FTTH/B Cable modem BFWA, 5G/sub-5G Other fixed broadband
Revenue	<ul style="list-style-type: none"> Service revenue: <ul style="list-style-type: none"> Wholesale/retail Prepaid/contract Handset/mobile broadband/IoT 2G/3G/4G/5G Voice/messaging/data Revenue per capita, % of GDP Retail revenue: <ul style="list-style-type: none"> Handset/mobile broadband/IoT Voice/messaging/data Revenue per GB ARPU: <ul style="list-style-type: none"> Overall Excluding M2M Handset: <ul style="list-style-type: none"> Prepaid/contract Voice/non-voice 	<ul style="list-style-type: none"> Service revenue Retail revenue: <ul style="list-style-type: none"> Fixed voice Fixed broadband Pay TV Specialist business services Dial-up internet Revenue per capital, % of GDP Fixed broadband retail revenue: <ul style="list-style-type: none"> DSL revenue FTTH/B revenue Cable modem revenue BFWA revenue (5G/sub-5G) Other fixed broadband revenue
Traffic	<ul style="list-style-type: none"> Outgoing voice traffic and MoU, data traffic 	<ul style="list-style-type: none"> Outgoing voice traffic and MoU

Topic datasets give more granular analysis of key development subjects

IoT forecasts

Granular forecasts from the *Digital Economy Strategies* research programme, providing around 1200 metrics, encompassing 10 sectors and 6 value chain elements for over 80 countries and 9 regional totals

Pay-TV forecasts

Over 100 metrics for around 50 markets (regions and individual countries), which size the market for traditional pay TV by delivery platform.

Operator Business Services forecasts

Over 850 key telecoms metrics split by size of enterprise – micro, small, medium and large. Specialist business services covered include emerging services such as SaaS, IaaS, security, as well as traditional voice and connectivity services. We show operator revenue and revenue for all providers (including third-party/OTT players). Over 50 markets (regions and individual countries) are covered.

Communication services forecasts

Forecasts of voice and messaging services for operators and OTT players – around 40 metrics for 73 geographies.

FMC quarterly data

Quarterly historical metrics on FMC accounts, revenue and markets shares for 11 European countries (and 78 operators).

Data traffic forecasts

33 wireless data traffic metrics for 48 countries and 12 fixed data traffic metrics for 37 countries, split by technology and device, including downstream and Wi-Fi elements.

We will add more topic datasets in the coming months, including forecasts for FTTx capex, smartphones and tablets

From the IoT and M2M service practice: IoT forecasts (2013–2027) for around 1200 metrics in all 84 country markets

	WIRELESS IoT: CELLULAR AND LPWA		FIXED
Connections	<ul style="list-style-type: none"> ▪ Connections by technology (country market total): <ul style="list-style-type: none"> – 2G, 3G/4G, 5G, NB-IoT, LTE-M, Other LPWA ▪ Connections by sector/application by country market <ul style="list-style-type: none"> – Agriculture (cattle, forest, irrigation) – Automotive (fleet HGV, fleet LCV, embedded, aftermarket) – Finance (ATMs) – Health (chronic RPM, acute RPM, PERS) – Industry (Heavy equipment, gas/oil pipelines, machine tools, warehouse management). 		<ul style="list-style-type: none"> ▪ Connections by sector/application by country market Sector/application as for cellular and LPWA where applicable for fixed telecoms networks
Revenue	<ul style="list-style-type: none"> ▪ Service revenue by technology <ul style="list-style-type: none"> – Total value chain (TVC) revenue for 2G, 3G/4G, 5G, NB-IoT, LTE-M, Other LPWA ▪ Service revenue for cellular and LPWA <ul style="list-style-type: none"> – Total value chain – Total value chain split by communications hardware, device, hardware installation, connectivity service and application 		<ul style="list-style-type: none"> ▪ Service revenue by sector/application <ul style="list-style-type: none"> – Total value chain split by communications hardware, device, hardware installation, connectivity service and application ▪ ARPU <ul style="list-style-type: none"> – Total blended ARPU for connectivity service only

From the Operator Business Services programmes: Worldwide Business forecasts (2013–2023)

FORECAST COVERAGE			
Geography	Enterprise segments	Services	
Regional and worldwide totals plus 45 individual markets in the following regions: <ul style="list-style-type: none"> • WE (11) • CEE (7) • DVAP (7) • EMAP (7) • MENA (6) • SSA (3) • NA (2) • LATAM (2) 	Segments: <ul style="list-style-type: none"> ▪ Micro (0–9 employees) ▪ Small (10–49 employees) ▪ Medium (50–249 employees) ▪ Large (250+ employees) 	Mobile: <ul style="list-style-type: none"> ▪ Voice, messaging and handset data ▪ Mobile broadband ▪ IoT connectivity (cellular and LPWA) Fixed: <ul style="list-style-type: none"> ▪ Narrowband and VoBB ▪ ADSL/SDSL, vDSL, FTTP/B, cable, BFWA, other fixed broadband ▪ Dedicated connections up to 100Mbps, >100Mbps and up to 1Gbps, and >1Gbps ▪ Traditional managed services ▪ IoT connectivity ▪ Pay TV (Europe) 	Other specialist business services: <ul style="list-style-type: none"> ▪ Unified communications ▪ Security ▪ Colocation and hosting ▪ Private cloud ▪ Software-as-a-service (SaaS, public cloud) ▪ Platform-as-a-service (PaaS, public cloud) ▪ Infrastructure-as-a-service (IaaS, public cloud) ▪ Enterprise mobility ▪ Desktop management
	Metrics <ul style="list-style-type: none"> ▪ Operator revenue ▪ Whole addressable market revenue (ICT services) ▪ Connections / Users ▪ ARPU ▪ Employees, enterprises and business sites 		

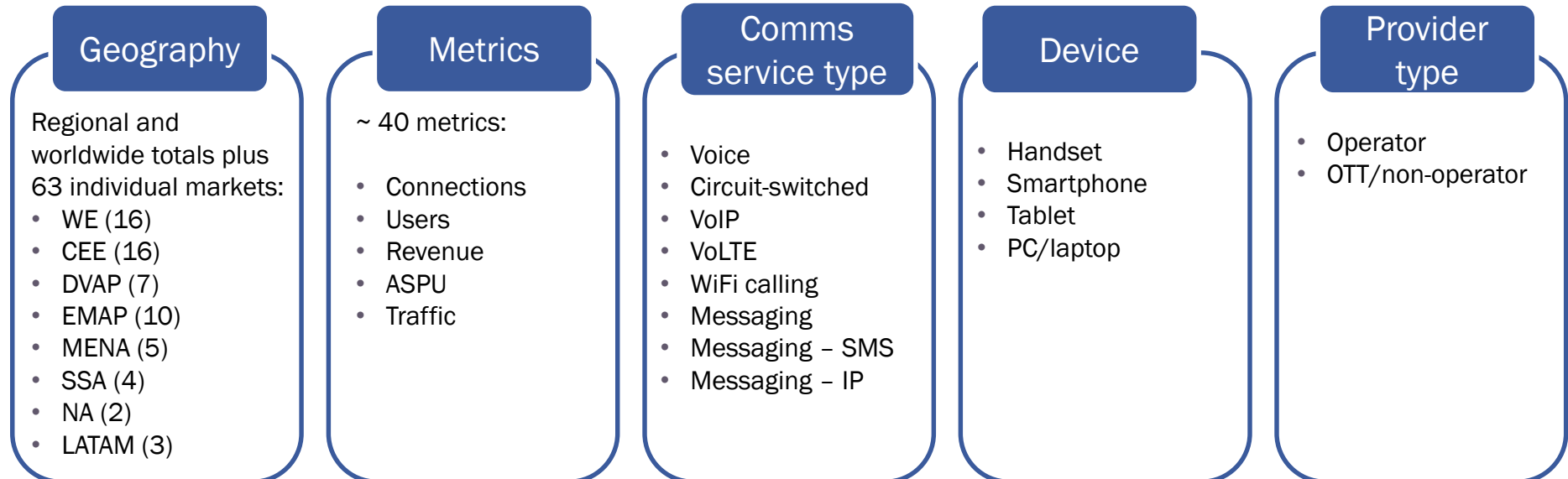
Forecasts are updated annually, but also verified and adjusted at each bi-annual regional core forecast update

From the Video Strategies programme: Worldwide Pay TV forecasts and historical market share data for Europe

	Geography	Metrics	Service platform	Provider type
Forecasts	Regional and worldwide totals plus 41 individual markets: <ul style="list-style-type: none"> • WE (16) • CEE (10) • DVAP (2) • EMAP (7) • MENA (4) • SSA (0) • NA (2) • LATAM (0) 	100+ metrics: <ul style="list-style-type: none"> • Connections • Users • Penetration • Retail revenue • ASPU 	<ul style="list-style-type: none"> • Total traditional • CATV • CATV – analogue • CATV – digital • IPTV • Satellite • Pay DTT • OTT to the TV 	<ul style="list-style-type: none"> • Operator • OTT/non-operator
Actuals	Currently available for 32 individual markets in Europe, 11 in Asia–Pacific, 4 in MENA and 2 in North America	30+ metrics: <ul style="list-style-type: none"> • Connections • Market share of connections • Penetration • Retail revenue • Market share of retail revenue 	<ul style="list-style-type: none"> • Total traditional • CATV • CATV – analogue • CATV – digital • IPTV • Satellite • Pay DTT 	<ul style="list-style-type: none"> • Operator

Forecasts are updated annually, but also verified and adjusted at each bi-annual regional core forecast update
 Detailed OTT video forecasts are due to be added to the DataHub shortly.

From the Future Comms programme: Worldwide Communications Services forecasts (2012–2023)



Forecasts are updated annually, but also verified and adjusted at each bi-annual regional core forecast update

From the Network Traffic programme: wireless and fixed network data traffic forecasts provide data traffic presented as follows...

	Geography	Metrics	Technology	Device	Direction
Wireless	39 individual markets, 8 regional results, plus worldwide total	33 metrics: Data traffic volume, usage per connection and bandwidth	<ul style="list-style-type: none">Cellular: 2G/3G/4G/5GPublic/private Wi-Fi	<ul style="list-style-type: none">HandsetMobile broadband:<ul style="list-style-type: none">– mid-screenMobile broadband:<ul style="list-style-type: none">– large screen	<ul style="list-style-type: none">UpstreamDownstream
Fixed	26 individual markets, 8 regional results, plus worldwide total	12 metrics: Data traffic volume, usage per connection and bandwidth	<ul style="list-style-type: none">Internet/managed IP/multicast IPTVNGA/non-NGA		<ul style="list-style-type: none">UpstreamDownstream

Forecasts are updated annually

From the Convergence Strategies programme: European FMC market data

Geography

Data for 96 operators in 14 markets:

- Belgium
- France
- Germany
- Italy
- Netherlands
- Portugal
- Spain
- UK
- Poland
- Romania
- Turkey
- Australia
- Malaysia
- Philippines

Metrics

9 metrics:

FMC accounts

- users
- share of fixed broadband
- household penetration
- operator market share

FMC SIMS

- users
- SIMS per account

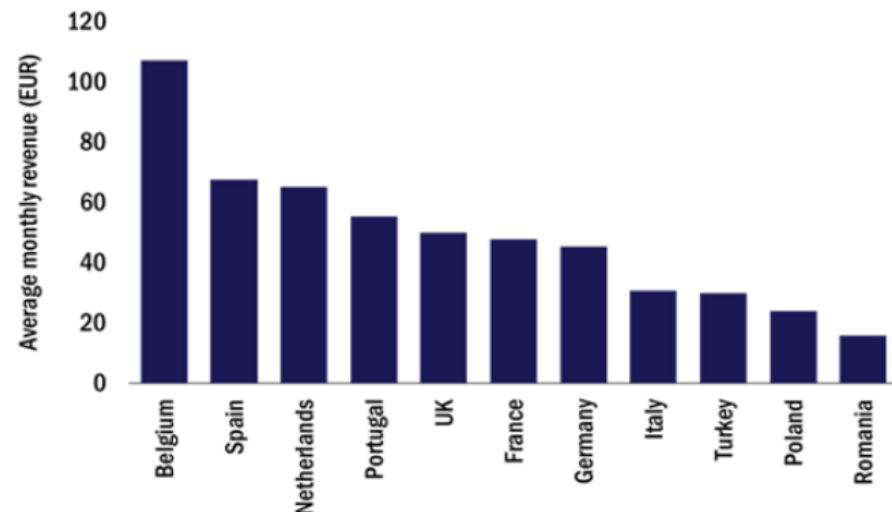
FMC revenue

- total
- Operator market share

Data available for total market and at the operator level

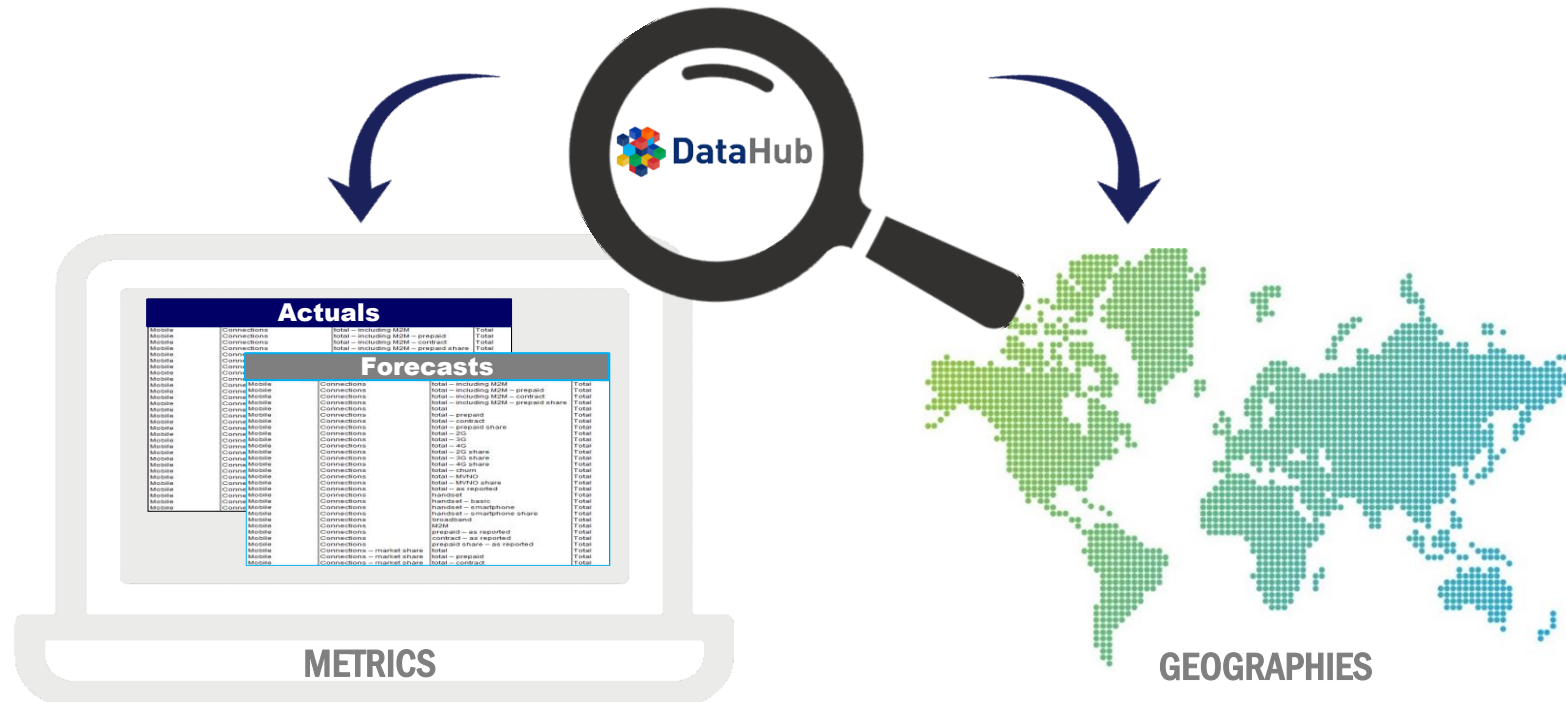
In most of Western Europe, monthly revenue per FMC account ranges between EUR45 and EUR65

Figure 1: Average monthly revenue per fixed–mobile bundle account, selected European countries, 2017



Source: Analysys Mason, 2018

Analysys Mason DataHub: access combines a metric set and a geographical scope
– you can choose the elements



EXAMPLES

- Standard core
- Extended core (more metrics just for Europe)
- Financial KPIs
- IoT dataset
- Operator Business Services/SME forecasts
- Pay TV dataset
- Communications forecast
- Data traffic forecasts
- ... or a custom selection

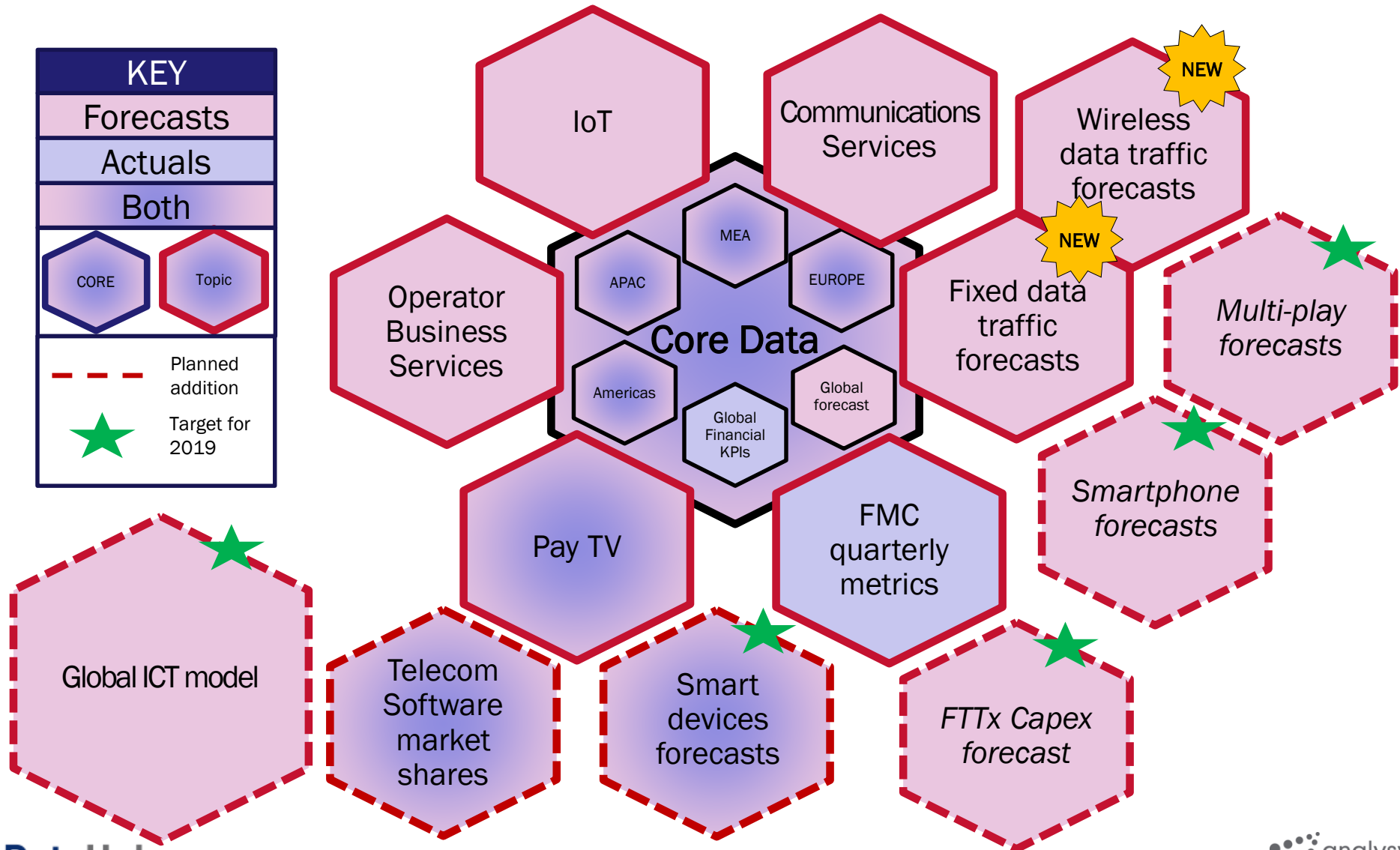


EXAMPLES

- **Europe** [WE/CEE]
- **Asia-Pacific** [DVAP and/or EMAP]
- **Middle East and Africa** [MENA/SSA]
- **Americas** [NA/LATAM]
- **Worldwide** [forecasts only]
- **Custom clusters** [operator footprints, developed/developing markets, country]



Adding granular topic forecasts to the DataHub: targets for 2019



Contact details

Hilary Bailey

Research Director, Head of Data

hilary.bailey@analysysmason.com

www.linkedin.com/in/hilarybailey



@AnalysysMason



linkedin.com/company/analysys-mason



youtube.com/AnalysysMason



www.analysysmason.com/RSS/

Boston

Tel: +1 202 331 3080
boston@analysysmason.com

Manchester

Tel: +44 (0)161 877 7808
manchester@analysysmason.com

Cambridge

Tel: +44 (0)1223 460600
cambridge@analysysmason.com

Milan

Tel: +39 02 76 31 88 34
milan@analysysmason.com

Dubai

Tel: +971 (0)4 446 7473
dubai@analysysmason.com

New York

Tel: +212 944 5100
newyork@analysysmason.com

Dublin

Tel: +353 (0)1 602 4755
dublin@analysysmason.com

New Delhi

Tel: +91 124 4501860
newdelhi@analysysmason.com

Hong Kong

Tel: +852 3669 7090
hongkong@analysysmason.com

Oslo

Tel: +47 920 49 000
oslo@analysysmason.com

Kolkata

Tel: +91 33 4003 3093
kolkata@analysysmason.com

Paris

Tel: +33 (0)1 72 71 96 96
paris@analysysmason.com

London

Tel: +44 (0)20 7395 9000
london@analysysmason.com

Singapore

Tel: +65 6493 6038
singapore@analysysmason.com

Madrid

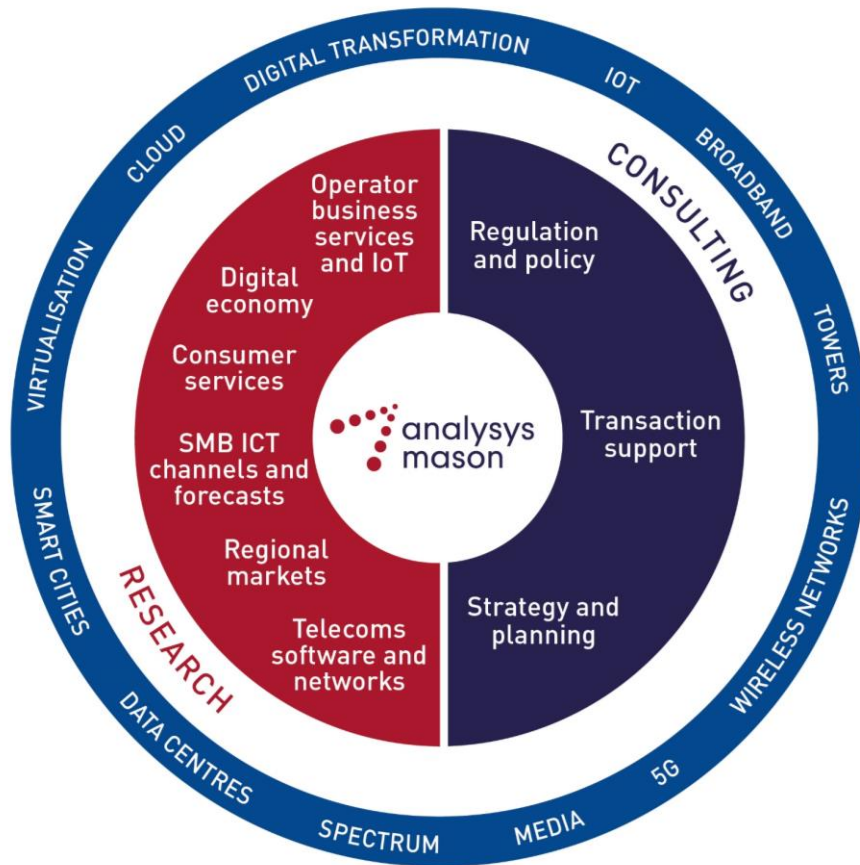
Tel: +34 91 399 5016
madrid@analysysmason.com

Stockholm

Tel: +46 709 211 719
stockholm@analysysmason.com

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Analysys Mason's consulting services and research portfolio



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We are future-focused and help clients understand the challenges and opportunities new technology brings.

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We offer detailed insight into the software, infrastructure and technology delivering those services.

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Consumer services programmes

- Mobile Services
- Mobile Devices
- Fixed Broadband Services
- Convergence Strategies
- Video Strategies

Operator investment programmes

- Operator Investment Strategies
- Network Traffic
- Spectrum

Telecoms software and networks programmes

- Software Forecast and Strategy
- Telecoms Software Market Shares

Network-focused

- Next-Generation Wireless Networks
- Video and Identity Platforms
- Service Design and Orchestration
- Automated Assurance
- Network Automation and Orchestration
- Digital Infrastructure Strategies

Customer-focused

- Digital Experience
- Customer Engagement
- Monetisation Platforms
- AI and Analytics

Digital economy programmes

- Digital Economy Strategies
- Future Comms

Operator business services and IoT programmes

- Large Enterprise Voice and Data Connectivity
- Large Enterprise Emerging Service Opportunities
- SME Strategies
- IoT and M2M Services
- IoT Platforms and Technology

SMB ICT channels and forecasts programmes

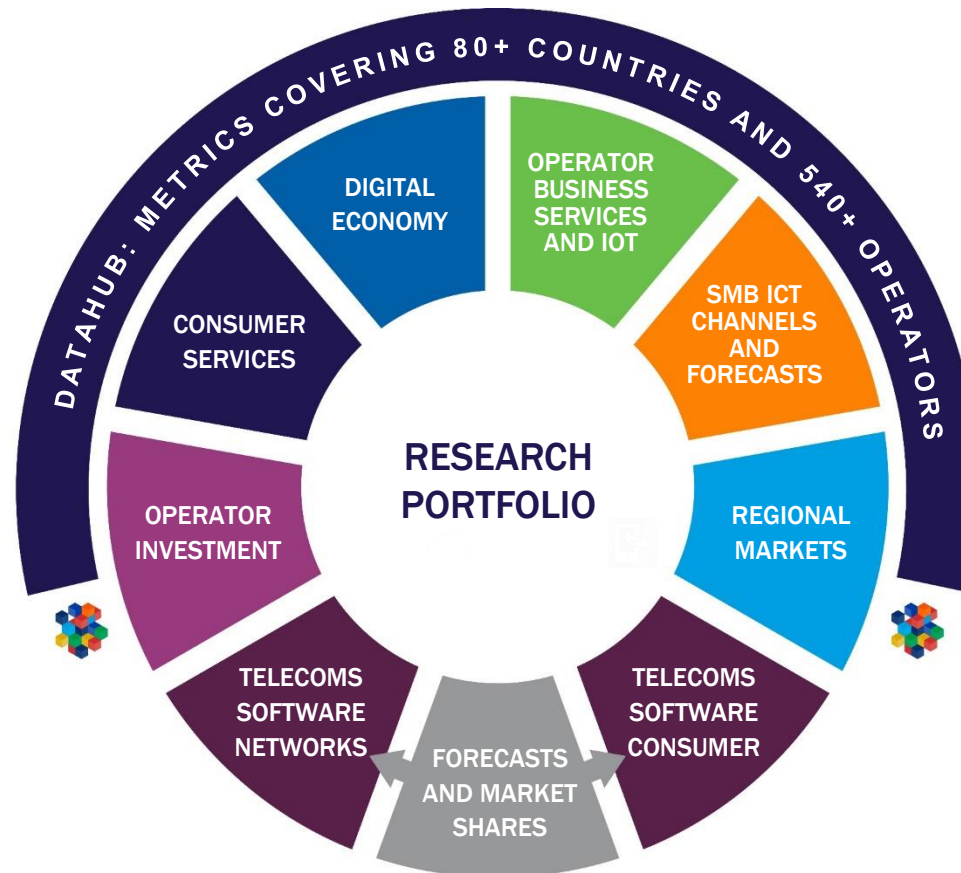
- Managed Service Provider Strategies

Regional markets programmes

- Global Telecoms Data
- Americas
- Asia-Pacific
- Middle East and Africa
- European Core Forecasts
- European Telecoms Market Matrix
- European Country Reports

DataHub

- ~2500 forecast and 250+ historical metrics
- Regional results and worldwide totals
- Operator historical data



Consulting from Analysys Mason

REGULATION AND POLICY

- Policy development and response
- Ex-ante market reviews, remedies, costing ...
- Universal Service Obligation (USO)
- Scarce resources: radio spectrum management, auction support, numbering ...
- Ex-post/abuse of dominance
- Postal sector



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- Joint-venture structuring
- Mid-market financial sponsors

STRATEGY AND PLANNING

- Commercial expertise
- Technology optimisation
- New digital frontiers

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Bush House • North West Wing • Aldwych • London • WC2B 4PJ • UK

Tel: +44 (0)20 7395 9000 • Email: research@analysismason.com • www.analysismason.com/research • Registered in England and Wales No. 5177472

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