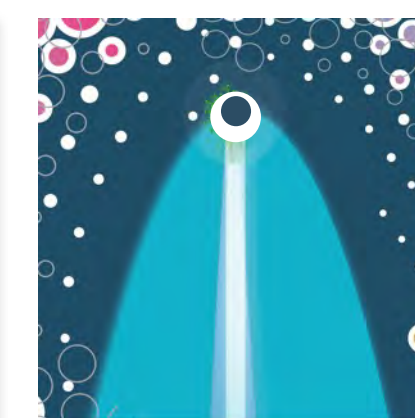


THE STATE OF OMNICHANNEL IN BIOPHARMA **2023** GLOBAL TRENDS REPORT

Insights and highlights from our 2023 Navigator365™ and Maturometer™ research



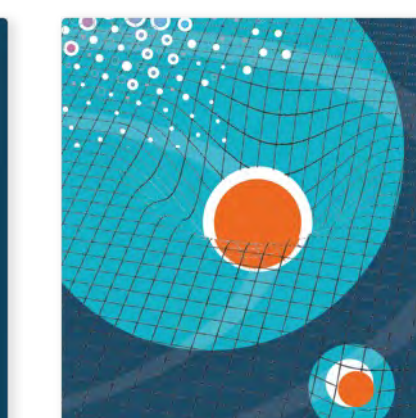
HCP
engagement



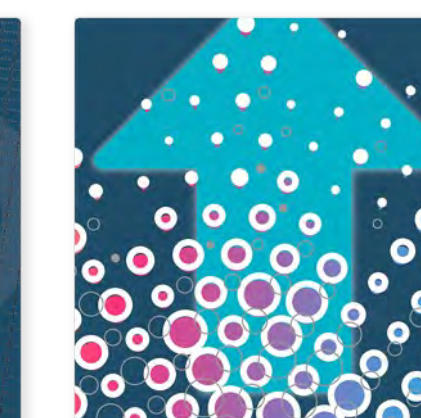
LAUNCH
trends



BENCHMARK
analysis



INDUSTRY
performance



CHANNEL
metrics

Welcome to this year's Global Trends Report on the state of omnichannel customer engagement in biopharma.

In this report, we aim to share some of 2023's most interesting insights and trends pulled from our industry-leading **Navigator365™** and **Maturometer™** research, to create a unique snapshot of what biopharma and its HCP audiences have been thinking and doing in the omnichannel space.

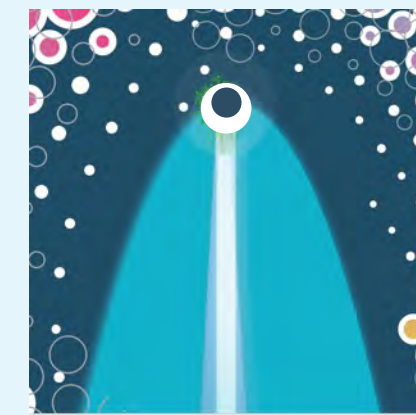
We look forward to your thoughts!



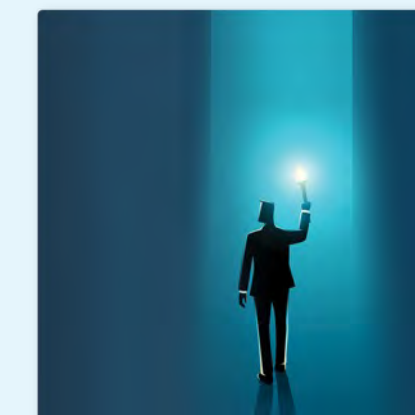
Ruud Kooi
MD Across Health



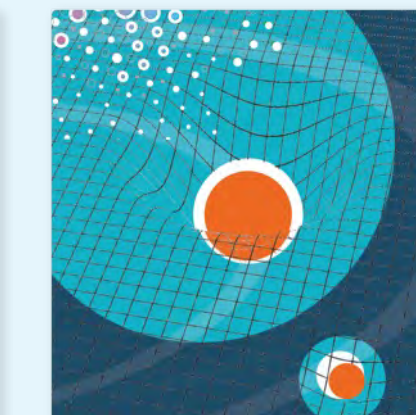
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- Omnichannel rep & MSL reach
- HCP satisfaction with biopharma’s digital offerings
- Channel affinity: F2F vs non-personal channels
- Exposure to pharma channels in a typical month



LAUNCH

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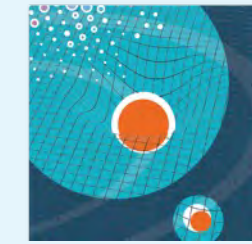
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INTRODUCTION

Since Covid-19, the pharmaceutical industry has witnessed a surge in digital budgets as companies strive to leverage the power of online channels to complement – and sometimes substitute for – their traditional channels for connecting with healthcare professionals (HCPs). As of 2023, the share of marketing budgets allocated to digital and omnichannel has continued to climb, hitting an all-time high of 32%.

However, amidst this growth in digital investments, a conspicuous and perplexing trend has emerged. Despite these substantial financial allocations towards digital and omnichannel initiatives, there seems to be a disconnect with the satisfaction levels of HCPs (and biopharma staff), which have, at best, plateaued or even declined (to less than 40% in the US). This must surely leave pharma stakeholders questioning the efficacy of their strategies.

This paradox underscores the complexity of effective transformation and raises critical questions about the (mis)alignment of pharma’s digital engagement efforts with the constantly evolving needs and expectations of its HCP audience.

In this context, creating a robust evidence base becomes imperative for allocating budgets strategically. Benchmarking against industry competition can serve as a compass, guiding pharmaceutical companies to discern best practices, identify gaps in their approaches, and tailor their omnichannel strategies accordingly. By establishing a regular benchmark, companies can ensure that their omnichannel investments are not only in line with industry averages but also positioned to surpass them, fostering a competitive edge in an increasingly customer-centric and access-restricted landscape.

This year’s annual report aims to offer some key evidence, fuelled by the latest HCP and industry insights pulled from our Navigator365™ and Maturometer™ research, to help accelerate your journey towards delivering an unparalleled omnichannel customer experience.

ABOUT US

Across Health provides end-to-end consultancy and trusted advice to senior leaders of innovative multinational healthcare organizations.

At Across Health, we develop, execute and measure pragmatic, evidence-based omnichannel customer engagement strategies and companywide digital innovation and transformation programmes that unlock growth opportunities and strengthen your competitive advantage.

Across Health is a proud member of Precision Value & Health, the commercialization services division of Precision Medicine Group.



DATA SOURCES

Navigator365™ Core

Since research began in 2013, Across Health’s Navigator365™ has surveyed more than 65,000 physicians in over 25 therapeutic areas worldwide on their omnichannel preferences and behaviour. **Navigator365™ Core** collates this research into 50 million+ datapoints that are utilized by our consultants to substantiate their strategic recommendations, as well as being accessible via a self-service, cloud-based platform through highly interactive tools and reports.

Navigator365™ Cx Benchmark

Navigator365™ Cx Benchmark delivers actionable HCP customer experience insights on your brand and up to six key competitors, giving you the information you need to make evidence-based decisions at the Cx, content, channel and functional level (marketing, sales, medical, patient) – and track progress over time.

Maturometer™

Each year, Across Health’s **Maturometer™** surveys life science industry staff to provide a unique overview of what companies are planning and doing in the omnichannel space. It is the most widely referenced research on the state of omnichannel maturity in the industry.

DATASETS BY REGION



US

United States



EU5

France
Germany
Italy
Spain
United Kingdom



APAC

Australia
China
India
Indonesia
South Korea
Thailand
Vietnam



EU

*Europe in Maturometer™ 2023 data:
EU5 + Albania, Andorra, Austria,
Belgium, Bulgaria, Croatia, Denmark,
Ireland, Finland, Netherlands, Poland,
Portugal, Romania, Slovakia, Sweden,
Switzerland*

1. HCP engagement

POWERED BY  Navigator365™ Core



HCP engagement

KEY HCP ENGAGEMENT KPIS

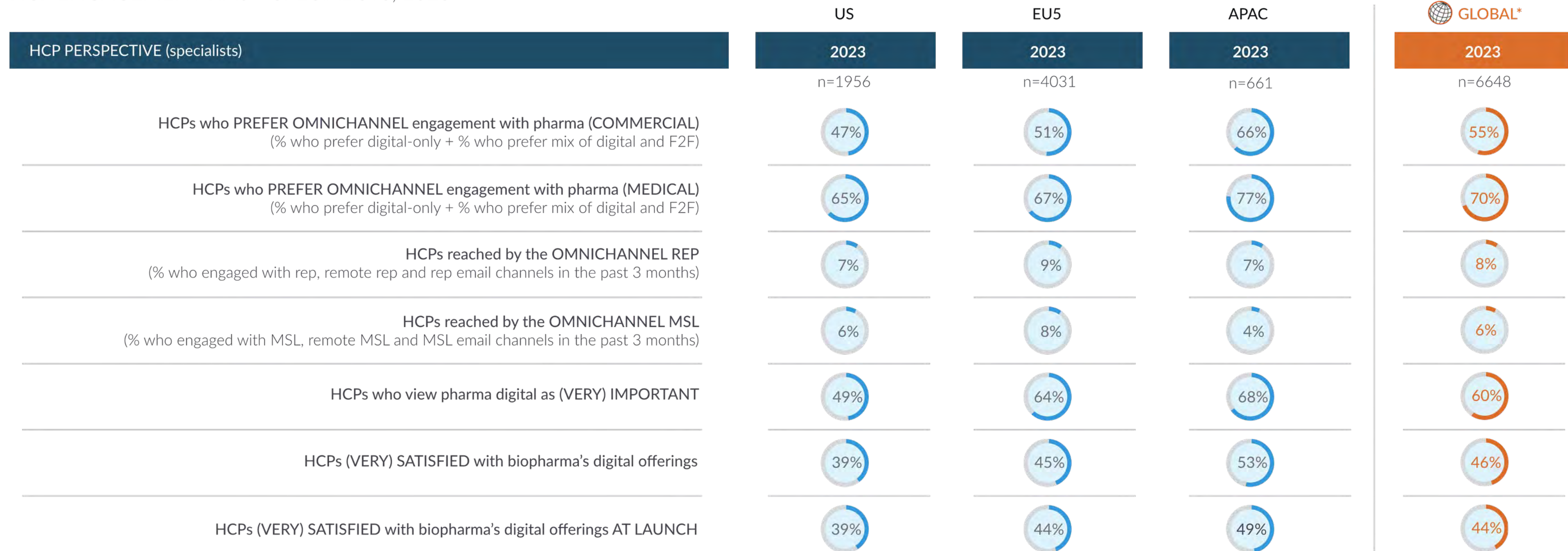
On the commercial front, around half of specialists prefer to be engaged by biopharma via an omnichannel approach (this increases to two-thirds in APAC) – the demand increases when we look at medical (educational) engagement.

Yet fewer than 10% of specialists are being served by the much-touted 'omnichannel rep' (engagement with a rep via remote detailing, email and F2F), and the results are similar if not more underwhelming in the medical setting (omnichannel MSL).

Finally, despite the majority of specialists viewing biopharma digital as important, satisfaction remains under 50% in most regions. Satisfaction levels are similar (or in some cases lower still) for the critical launch phase, which is where an omnichannel approach to engagement is arguably even more vital (especially for pre-launch educational activities).

So the journey towards a superior omnichannel customer experience with biopharma clearly has a way to go yet, offering early leaders a big opportunity to outperform the competition.

HCP ENGAGEMENT KPIS – SPECIALISTS, 2023



*Global: US, EU5 and APAC averaged (mean)

Source: Navigator365™ Core, all specialists, 2023, consolidated data



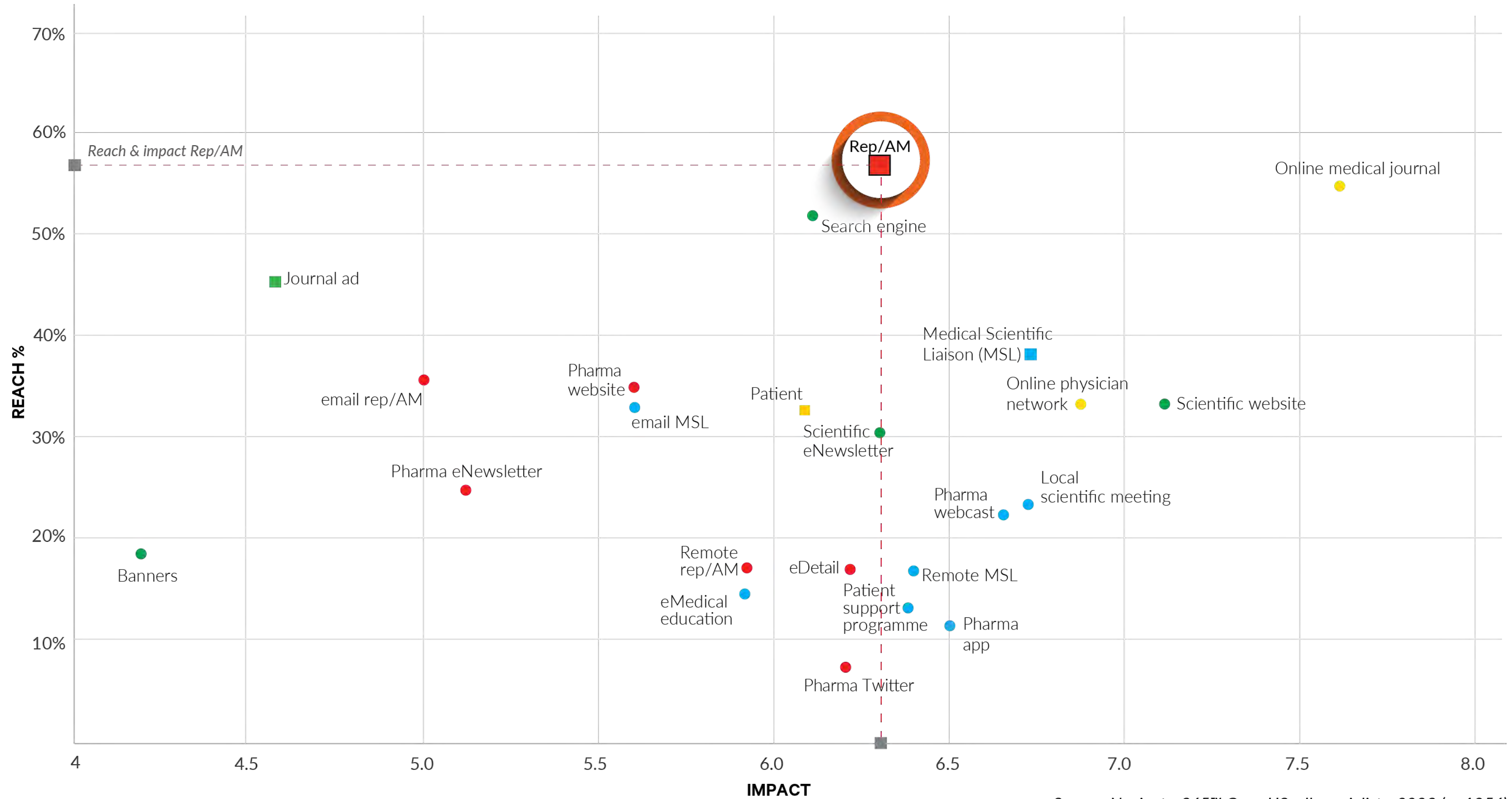
CHANNEL PERFORMANCE (US)



PERFORMANCE MAP (SUBSET OF CHANNELS) - SPECIALISTS, US 2023



- Paid - offline
- Owned medical service - offline
- Owned promotional - offline
- Earned - offline
- Paid - online
- Owned medical service - online
- Owned promotional - online
- Earned - online



To assess channel performance, Navigator365™ Core data covers **reach** – the extent to which channels have been commonly encountered by HCPs – and **impact** – the extent to which channels influence their clinical decision-making. The reach of a particular channel is measured as the percentage of HCPs who encountered that channel in the past 3 months. For those channels they did encounter, HCPs are then asked to give an impact score between 0 and 10.

While the full omnichannel catalogue covers over 50 channels, the following three charts plot a subset of key channels in order to give a topline view on the channel landscape among specialists in each of our three focus markets in 2023.

Source: Navigator365™ Core, US, all specialists, 2023 (n=1956)



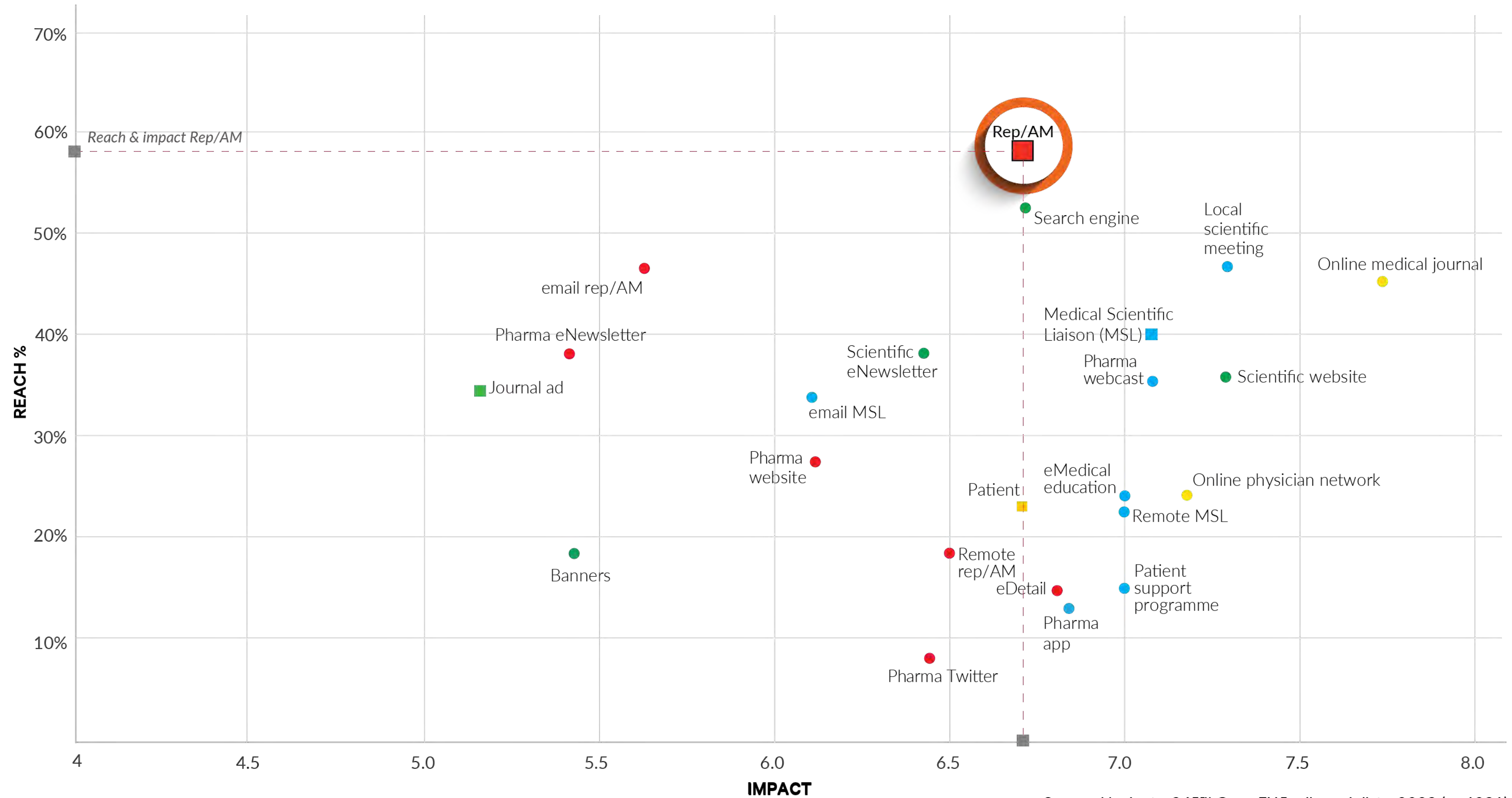
CHANNEL PERFORMANCE (EU5)



PERFORMANCE MAP (SUBSET OF CHANNELS) - SPECIALISTS, EU5 2023



- Paid - offline
- Owned medical service - offline
- Owned promotional - offline
- Earned - offline
- Paid - online
- Owned medical service - online
- Owned promotional - online
- Earned - online



To assess channel performance, Navigator365™ Core data covers reach – the extent to which channels have been commonly encountered by HCPs – and impact – the extent to which channels influence their clinical decision-making. The reach of a particular channel is measured as the percentage of HCPs who encountered that channel in the past 3 months. For those channels they did encounter, HCPs are then asked to give an impact score between 0 and 10.

Source: Navigator365™ Core, EU5, all specialists, 2023 (n=4031)



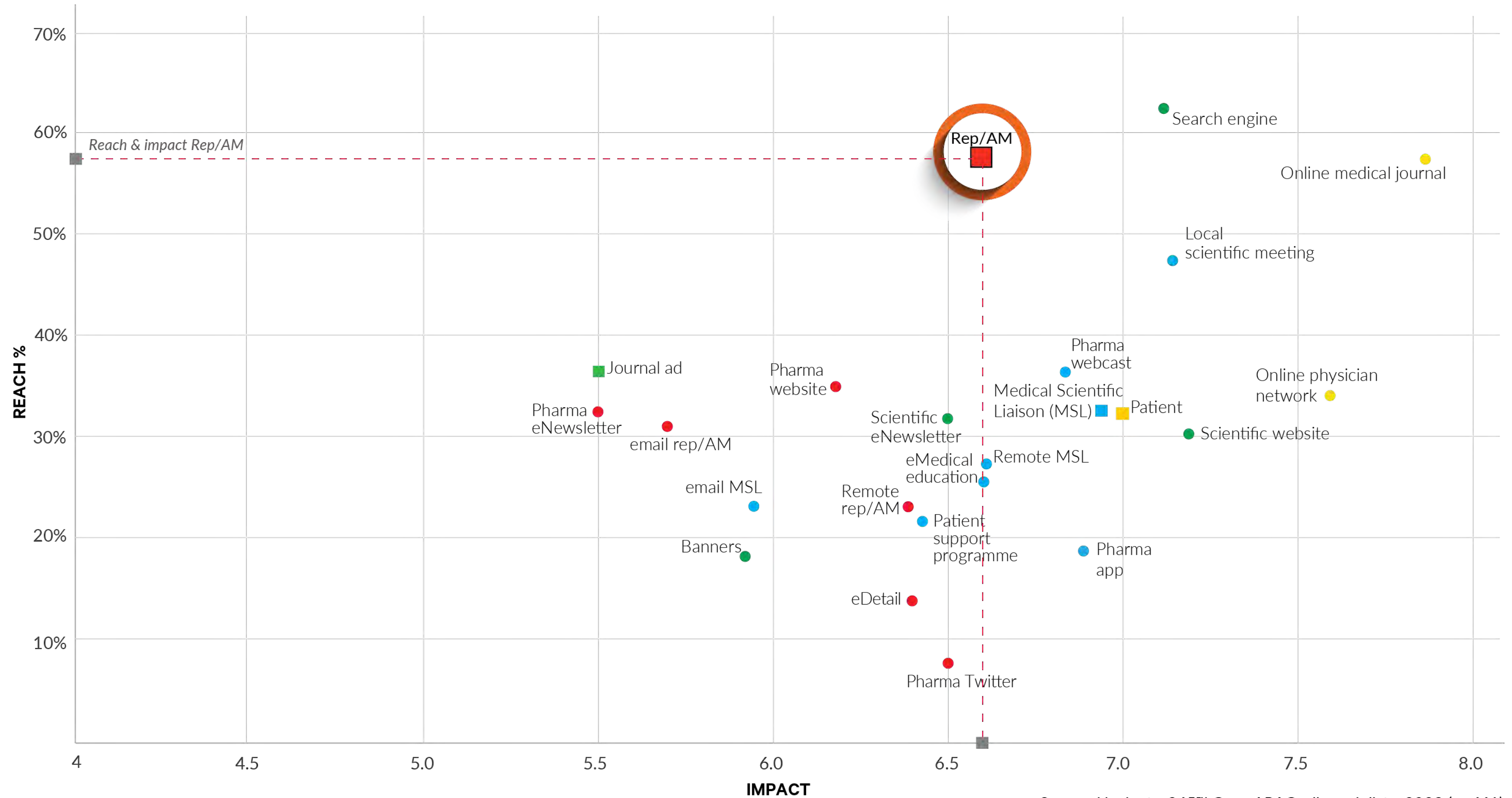
CHANNEL PERFORMANCE (APAC)



PERFORMANCE MAP (SUBSET OF CHANNELS) - SPECIALISTS, APAC 2023



- Paid - offline
- Owned medical service - offline
- Owned promotional - offline
- Earned - offline
- Paid - online
- Owned medical service - online
- Owned promotional - online
- Earned - online



To assess channel performance, Navigator365™ Core data covers **reach** – the extent to which channels have been commonly encountered by HCPs – and **impact** – the extent to which channels influence their clinical decision-making. The reach of a particular channel is measured as the percentage of HCPs who encountered that channel in the past 3 months. For those channels they did encounter, HCPs are then asked to give an impact score between 0 and 10.

Source: Navigator365™ Core, APAC, all specialists, 2023 (n=661)

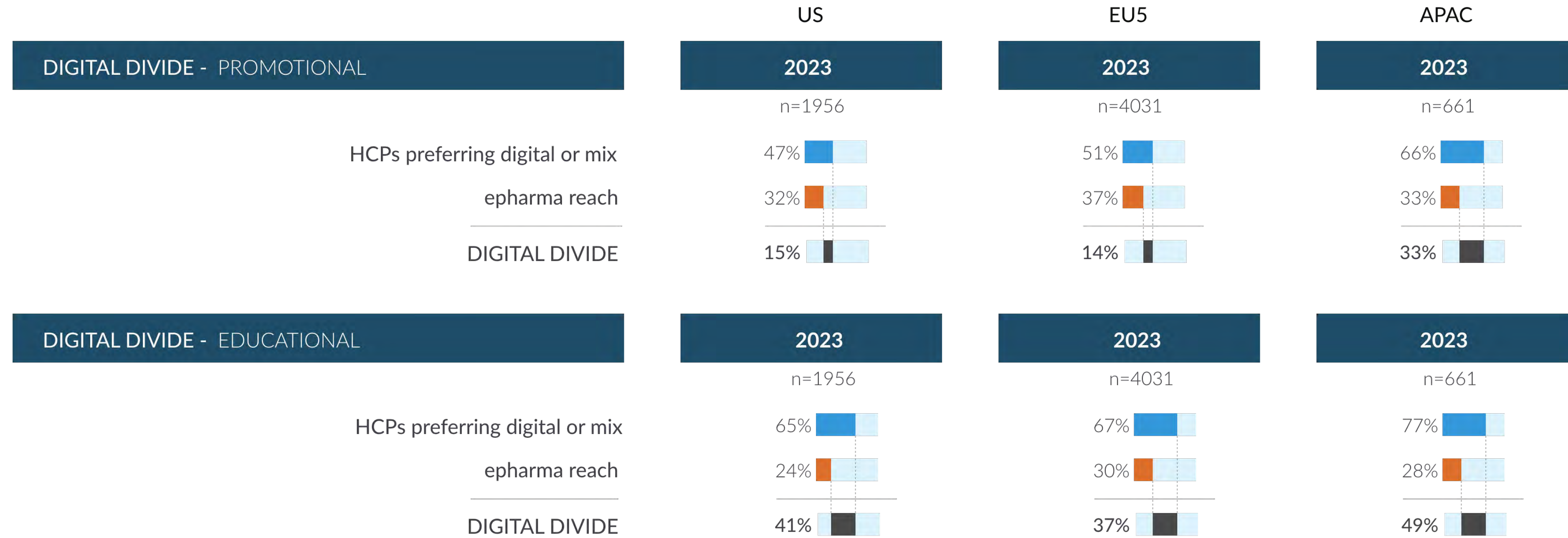


THE DIGITAL DIVIDE

The **digital divide** assesses whether biopharma is meeting specialists' channel preferences on either promotional or medical educational fronts. It reflects the gap between what specialists WANT (% of HCPs preferring digital-only engagement with biopharma or a mix of digital and F2F) vs what they GET (% average reach of the top 3 online promo channels for the promotional setting, and the top 3 eMedical biopharma channels in the educational setting).

When it comes to biopharma's promotional activities, demand from specialists for omnichannel engagement is still outstripping supply across all three regions, and particularly in APAC. In the educational context, the much larger divide here is a consequence of both higher demand versus promotional engagement and even lower supply. This gap not only reflects a failure from pharma Medical to meet HCPs' needs, but also creates a significant opportunity for (or risk of) competitor differentiation.

DIGITAL DIVIDE - ALL SPECIALISTS, 2023



The digital divide is defined as the delta between the % of HCPs preferring digital or mix and the average % reach of the top 3 online educational or promo channels ('epharma reach')

Source: Navigator365™ Core, all specialists, 2023, consolidated data

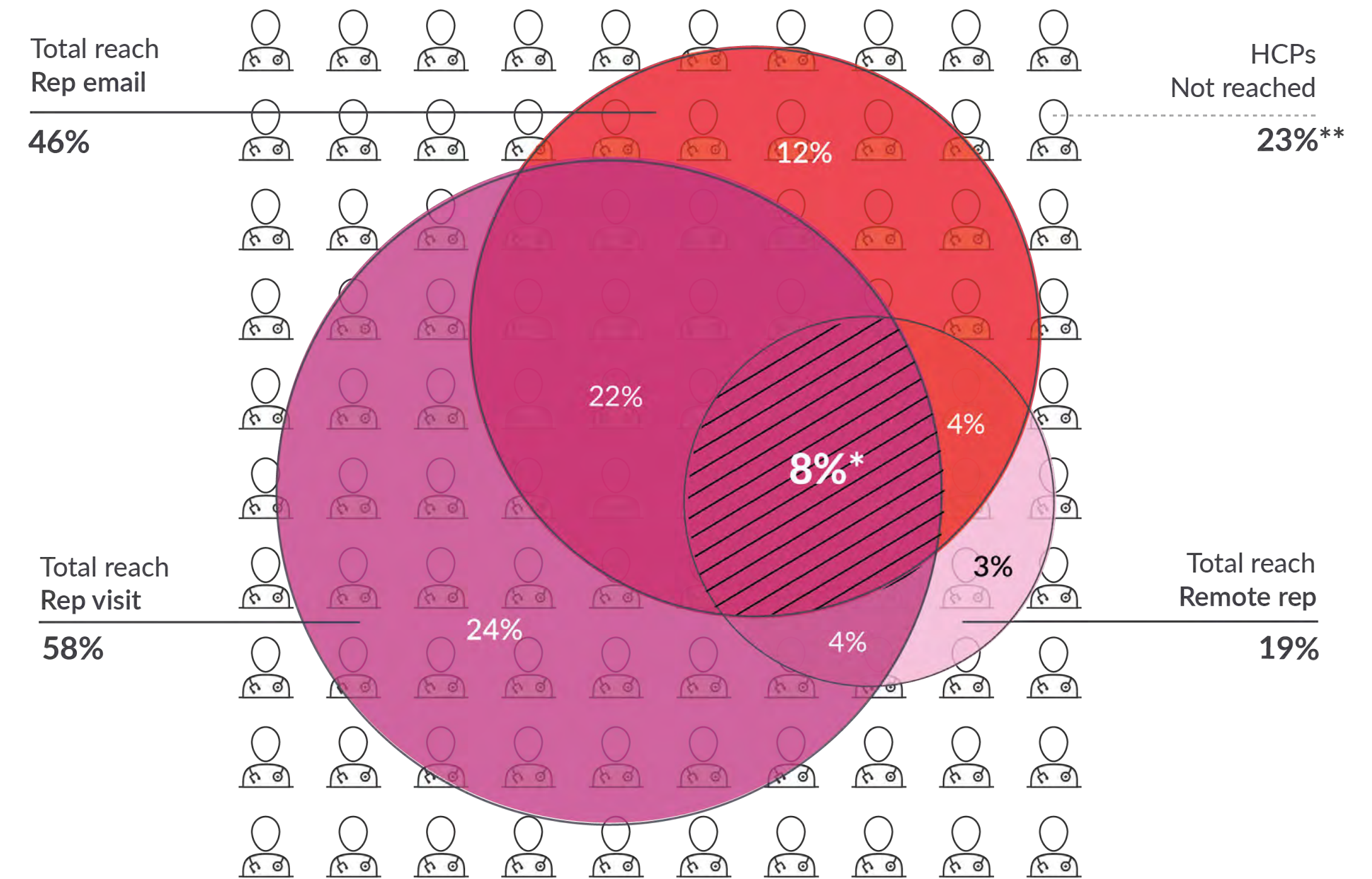
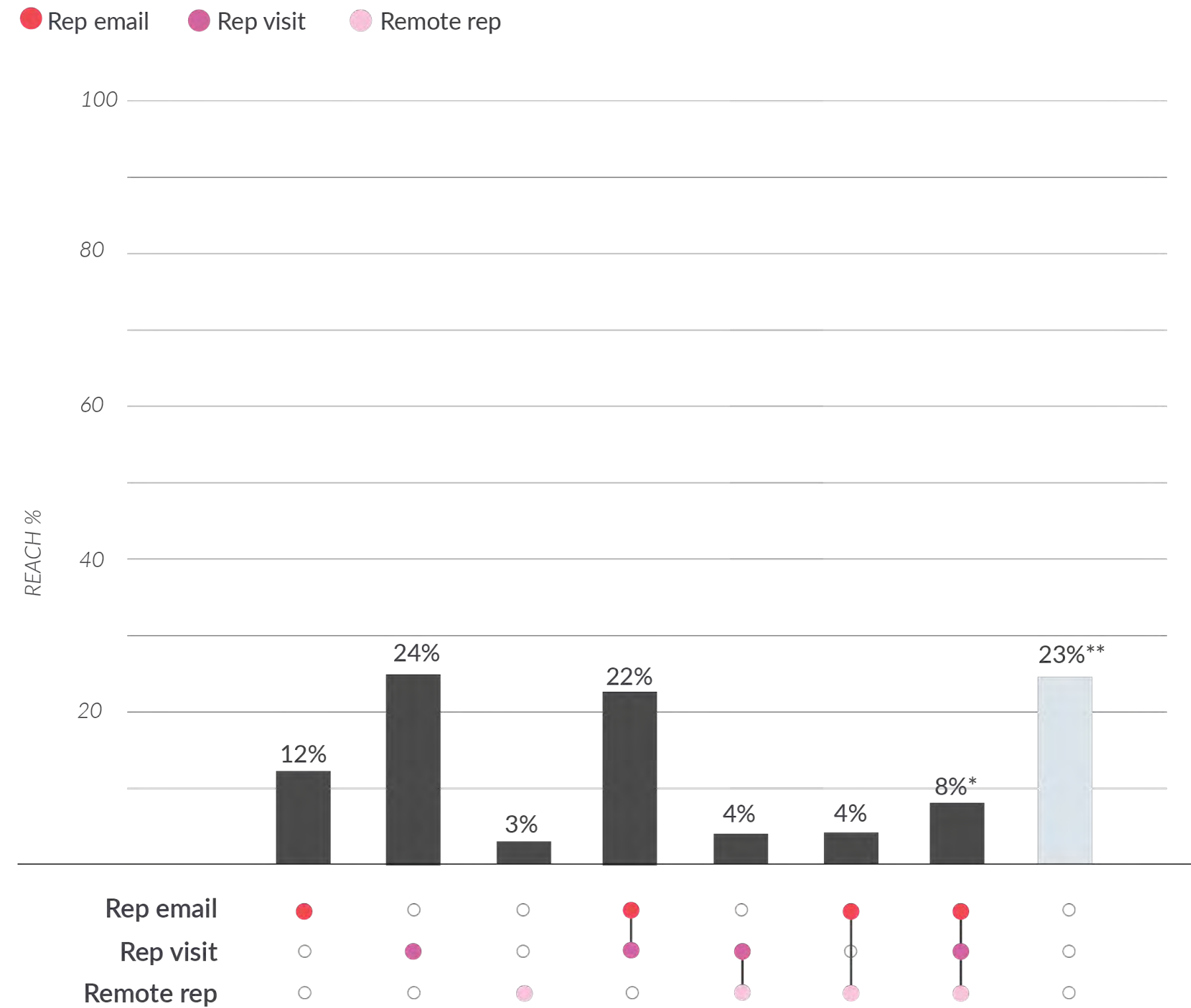


HIGHLIGHT

THE OMNICHANNEL REP

Despite the potential advantages of the omnichannel rep model in terms of enhancing impact and efficiency, only 8% of cardiologists in EU5 report engagement through all three channels (visit + email + remote). Meanwhile, just under a quarter only receive in-person rep visits, while almost a fifth of cardiologists engage exclusively through non-F2F channels (email and/or remote without visits). Also, almost a quarter are not reached by any of these three key biopharma rep channels.

OC REP REACH - CARDIOLOGISTS, EU5, 2023



*8% of the HCPs interviewed are reached in a truly omnichannel fashion (a mix of F2F, rep email and remote rep interactions)

**23% of the HCPs interviewed are not reached by any rep channel

Source: Navigator365™ Core, EU5 cardiologists, 2023 (n=505)



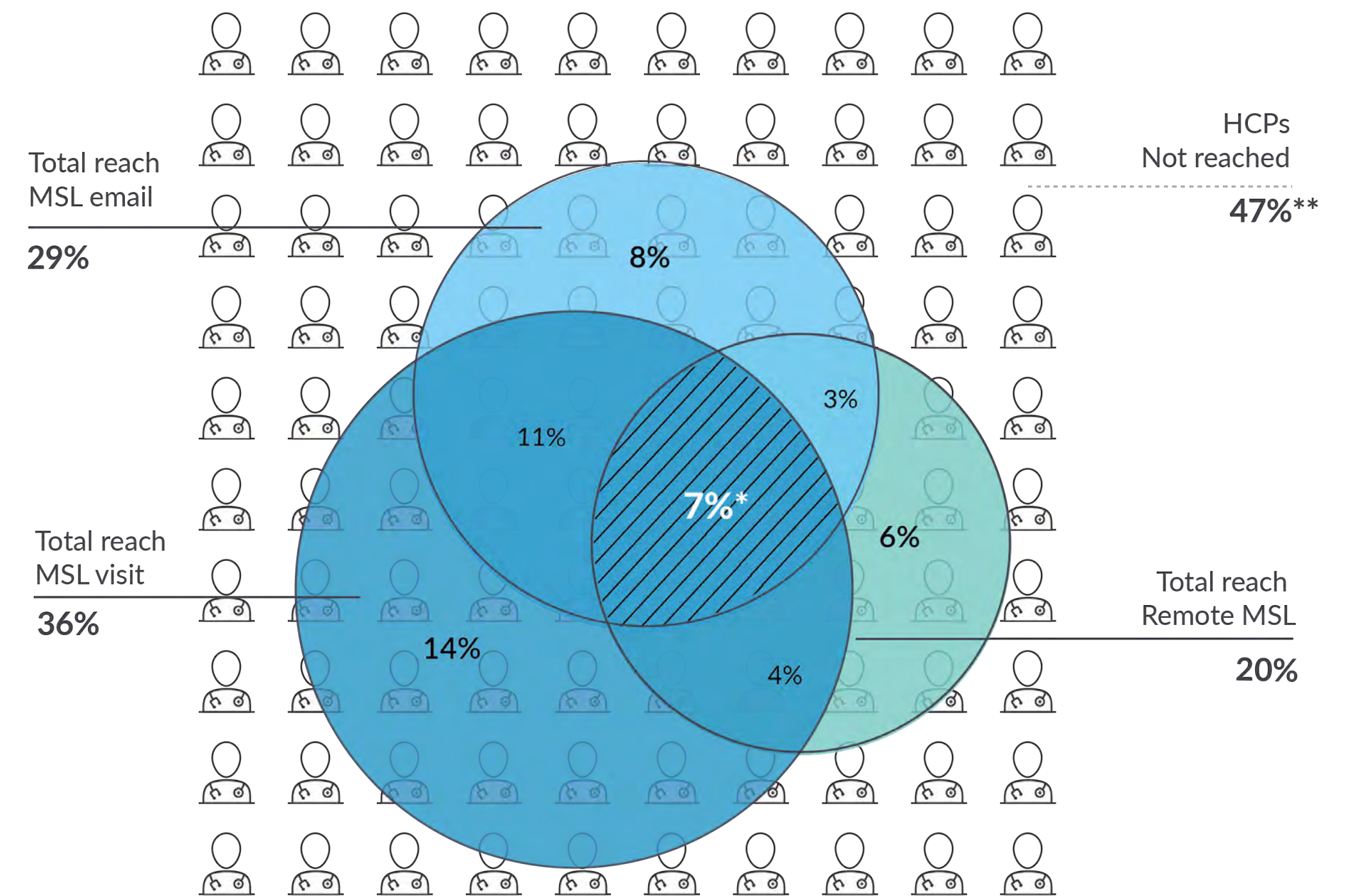
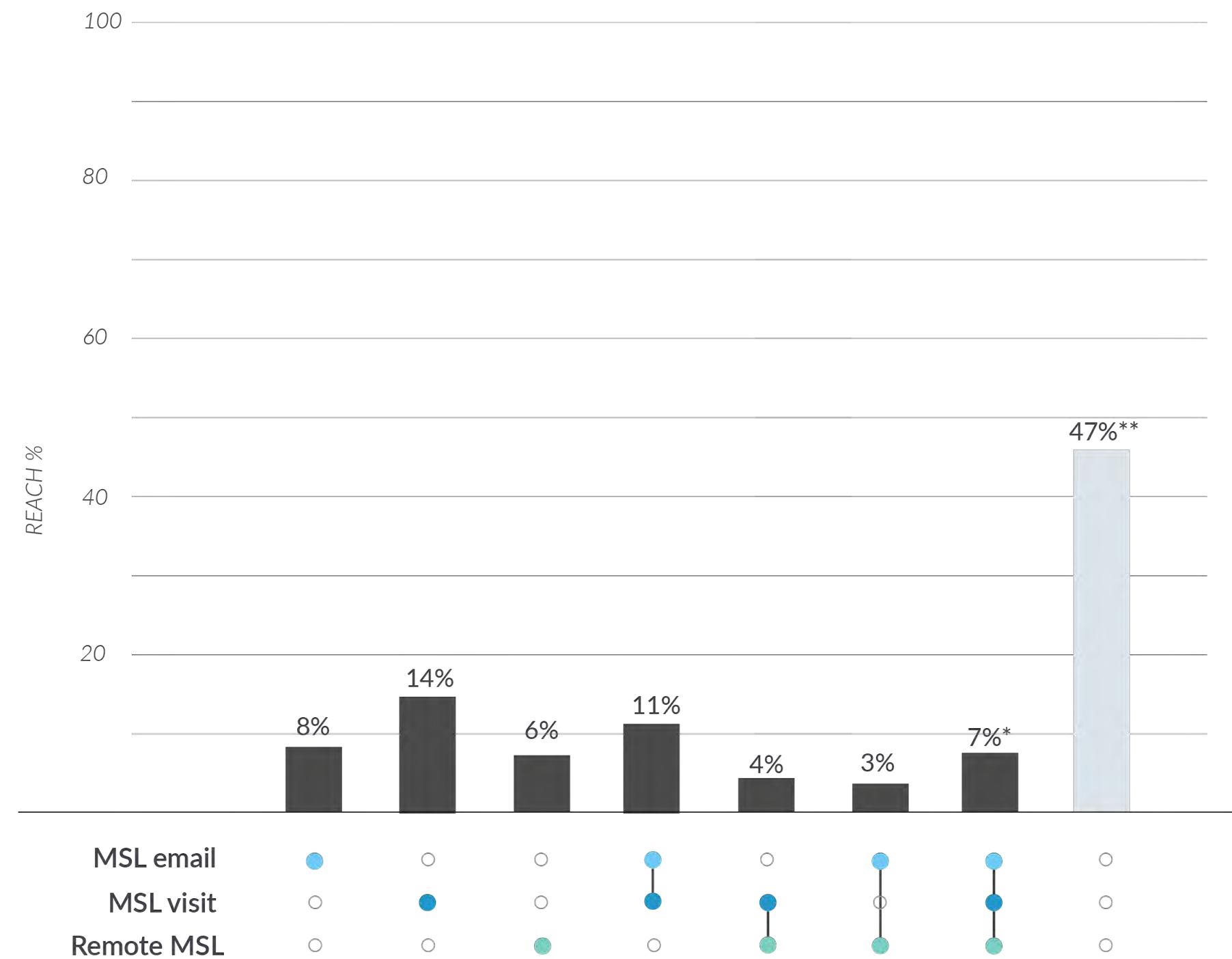
HIGHLIGHT

THE OMNICHANNEL MSL

The picture is not too dissimilar in the medical context, where only 7% of EU5 cardiologists report engaging with all three MSL channels. In addition, 14% only receive MSL visits, while 17% engage only through non-F2F channels. MSL email appears to be underleveraged compared with the use of email by commercial reps (29% vs. 46%), while remote engagement appears to be utilized at a similar level between both MSLs and reps. Finally, as many as 47% of EU5 cardiologists do not engage with any of the three MSL channels at all.

OC MSL REACH -CARDIOLOGISTS, EU5, 2023

MSL email MSL visit Remote MSL



*7% of the HCPs interviewed are reached in a truly omnichannel fashion (a mix of F2F, MSL email and remote MSL interactions)

**47% of the HCPs interviewed are not reached by any MSL channel

Source: Navigator365™ Core, EU5 cardiologists, 2023 (n=505)



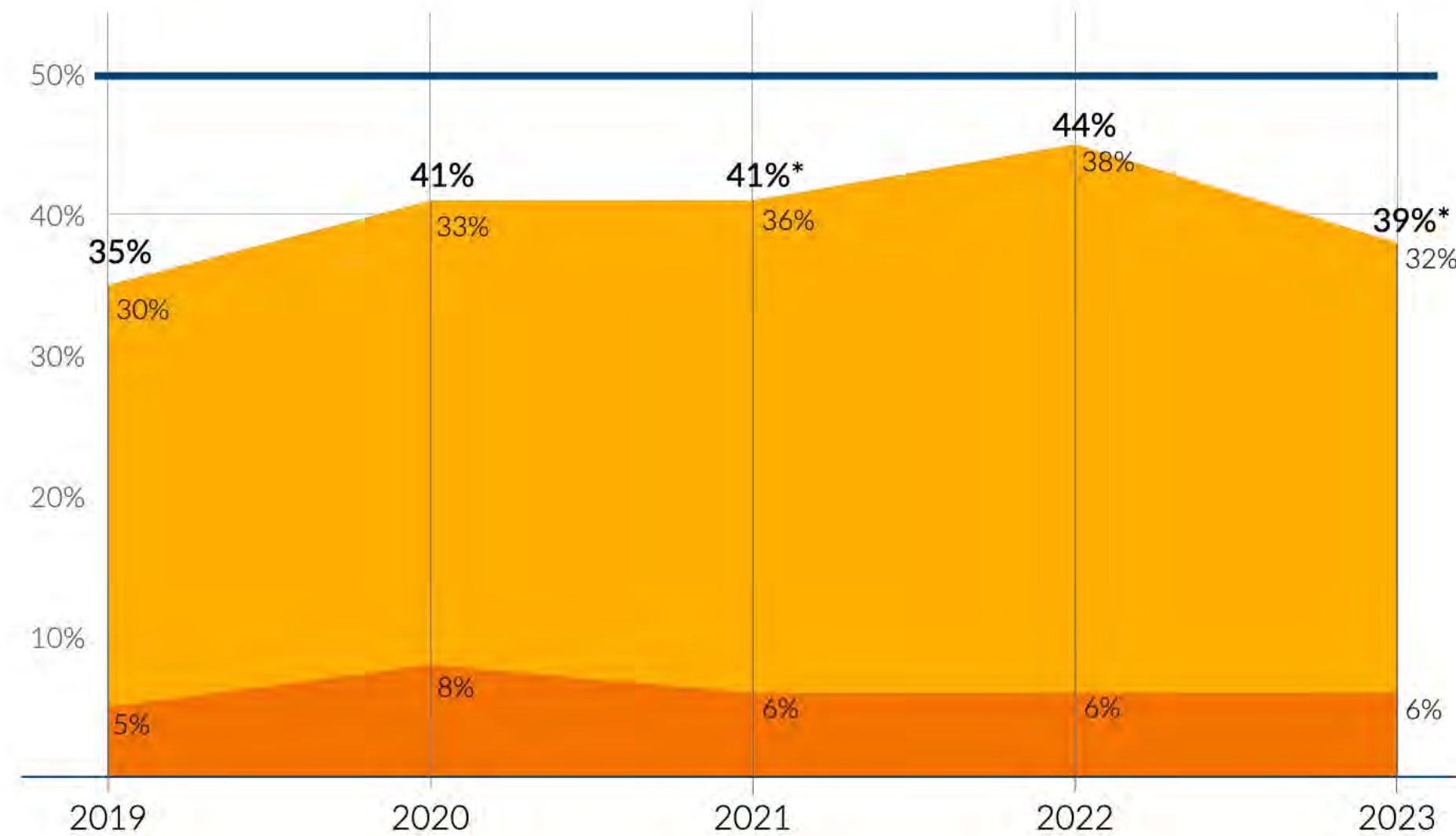
HIGHLIGHT

HCP SATISFACTION WITH BIOPHARMA'S DIGITAL OFFERINGS HAS PLATEAUED AND REMAINS BELOW 50%

Looking first at specialists in the US, we initially see a strong pandemic-related increase in satisfaction which appears to have declined since, leaving the remaining HCPs either dissatisfied with or, at best, neutral about biopharma's digital efforts. Combined with the fact that the proportion of HCPs describing themselves as "very satisfied" has remained very small, this shows there is still significant room for improvement – and this despite much larger digital budgets (see *Industry section*). This trend is similar for EU5, which has seen a gradual levelling off after an initial improvement.

SATISFACTION WITH PHARMA DIGITAL OFFERINGS - SPECIALISTS, US, 2019-2023

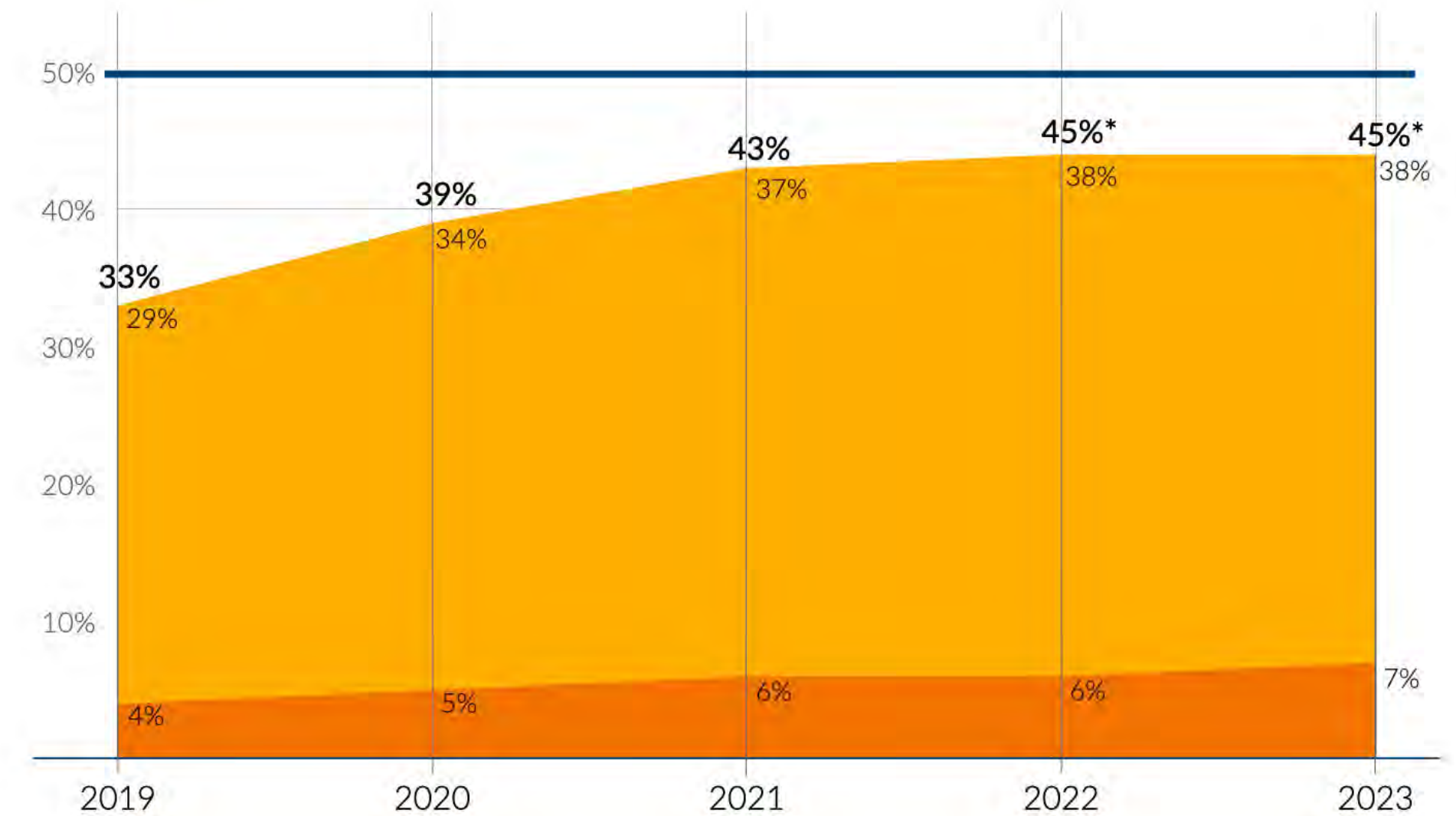
Very satisfied Satisfied



*Total due to rounding
Source: Navigator365™ Core, US specialists, 2019 (n=818), 2020 (n=1303), 2021 (n=2071), 2022 (n=2208) and 2023 (n=1956)

SATISFACTION WITH PHARMA DIGITAL OFFERINGS - SPECIALISTS, EU5, 2019-2023

Very satisfied Satisfied



*Total due to rounding
Source: Navigator365™ Core, EU5 specialists, 2019 (n=4885), 2020 (n=5529), 2021 (n=5041), 2022 (n=4718) and 2023 (n=4031)



HIGHLIGHT

OMNICHANNEL ENGAGEMENT BEATS AN “EITHER/OR” APPROACH TO F2F AND NON-PERSONAL CHANNELS

US oncologists who express a strong affinity for F2F promo channels also tend to show a strong affinity for non-personal (NPP) channels (these are channels that do not involve direct, one-on-one interaction). In addition, the totals at the bottom of the columns show that biopharma has the potential to reach almost half of this audience with strong commercial NPP (49.9%), regardless of these customers' level of affinity for F2F. This segment is bigger than the segment with a strong F2F preference (46.4%).

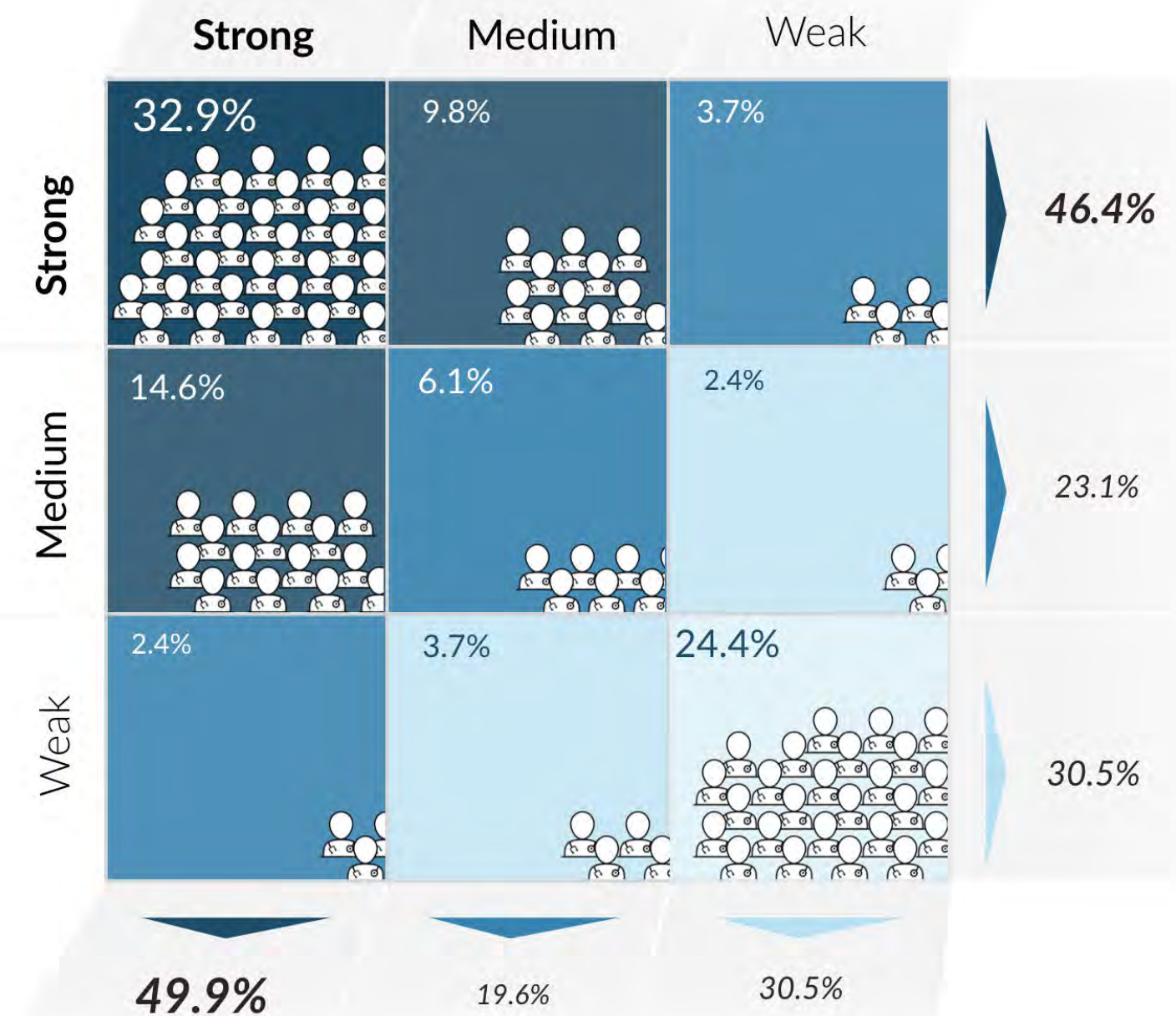
These insights suggest that rooting your go-to-market approach in traditional "either/or" thinking (big focus on F2F for top segments and "NPP-only" for lower-tier segments) is suboptimal, and that omnichannel should indeed be the default option.

Meanwhile, at the other end of the continuum, as shown in the bottom right corner of the table, is the group that expresses a weak affinity for both F2F and NPP channels. The fact that this group is the second biggest segment (24.4%) further reinforces the need to provide diverse channel and content options across your audiences.

When it comes to **CHANNEL AFFINITY...** this is where **100 US oncologists** would place themselves...

“My affinity for F2F promotional channels is...”

“My affinity for NPP (Non-personal promotional) channels is...”



Source: Navigator™ Core, US oncologists, 2023 (n=200)



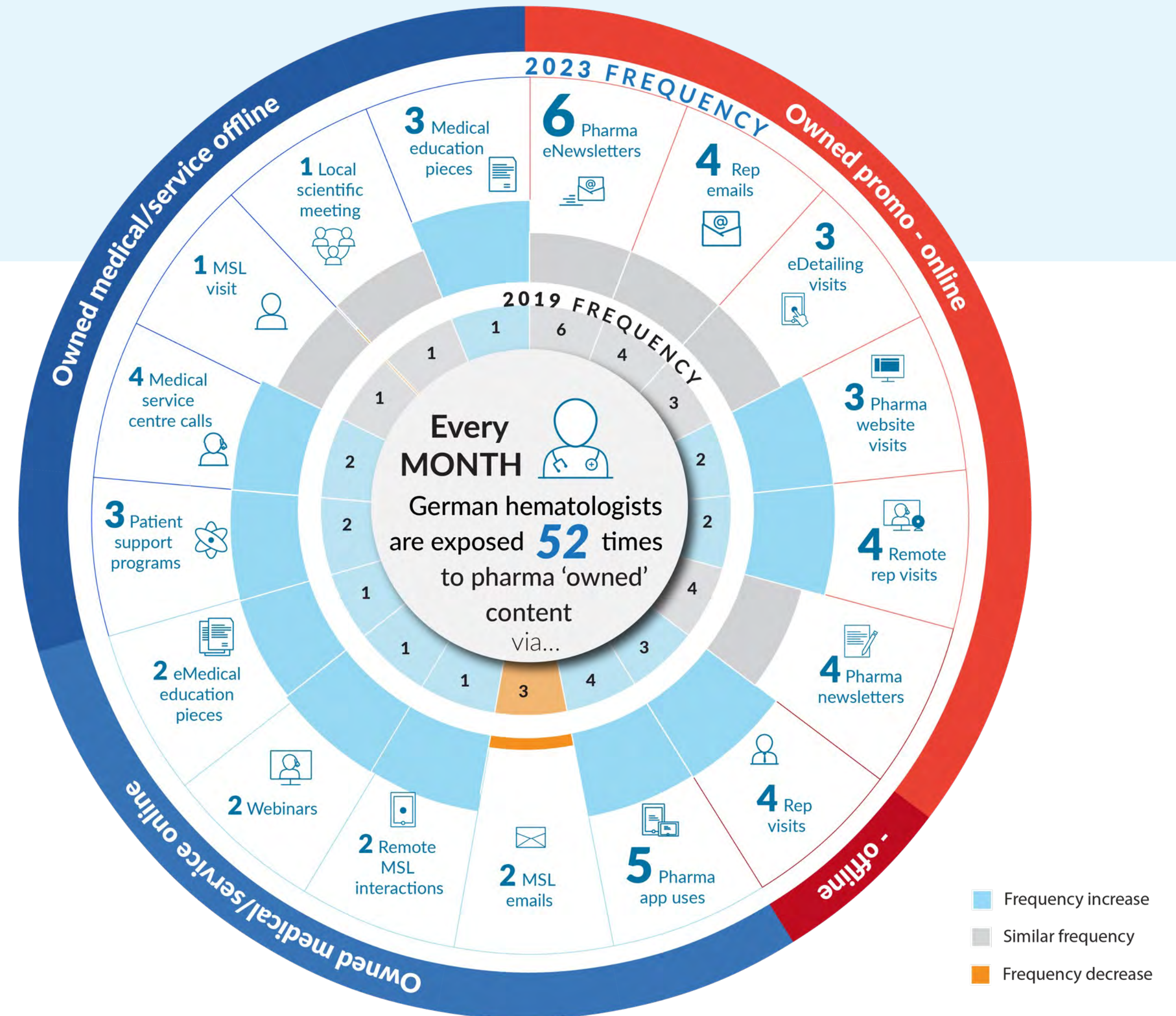
HIGHLIGHT

A MONTH IN THE (OMNICHANNEL) LIFE OF A GERMAN HEMATOLOGIST

Each month, German hematologists have over 50 interactions with biopharma content through medical and commercial 'owned' channels – both offline and online. In addition, they are exposed to biopharma content via paid (and possibly earned) channels.

When comparing the 2023 data with the corresponding numbers from 2019 – just prior to the pandemic – what's interesting is that almost all of these 17 biopharma-owned channels (whether offline or online) either stayed at a similar level or increased in frequency – we see only one channel (MSL email) experiencing a decline. Notably, most of the engagement growth occurred in the medical channels, which increased by 9 interactions a month, compared with an increase of 4 among the promotional channels.

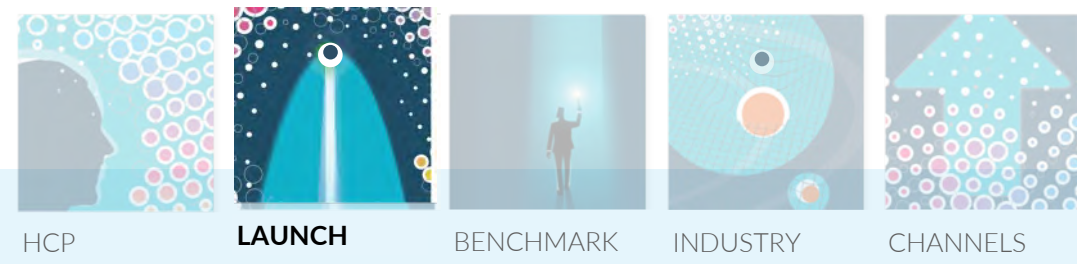
Overall, the number of average monthly engagements rose from 41 to 52 which suggests that, for this therapy area and this market at least, engagement with pharma has not only 'bounced back' since the pandemic but actually surpassed pre-Covid levels. Perhaps investments in evidence-based customer-centric mix planning are starting to pay off, with the omnichannel approach boosting not only digital engagement but helping to drive interest in offline channels too?



Source: Navigator365™ Core, German hematologists, 2019 (n=143) and 2023 (n=100)

2. LAUNCH trends

POWERED BY  Navigator365™ Core



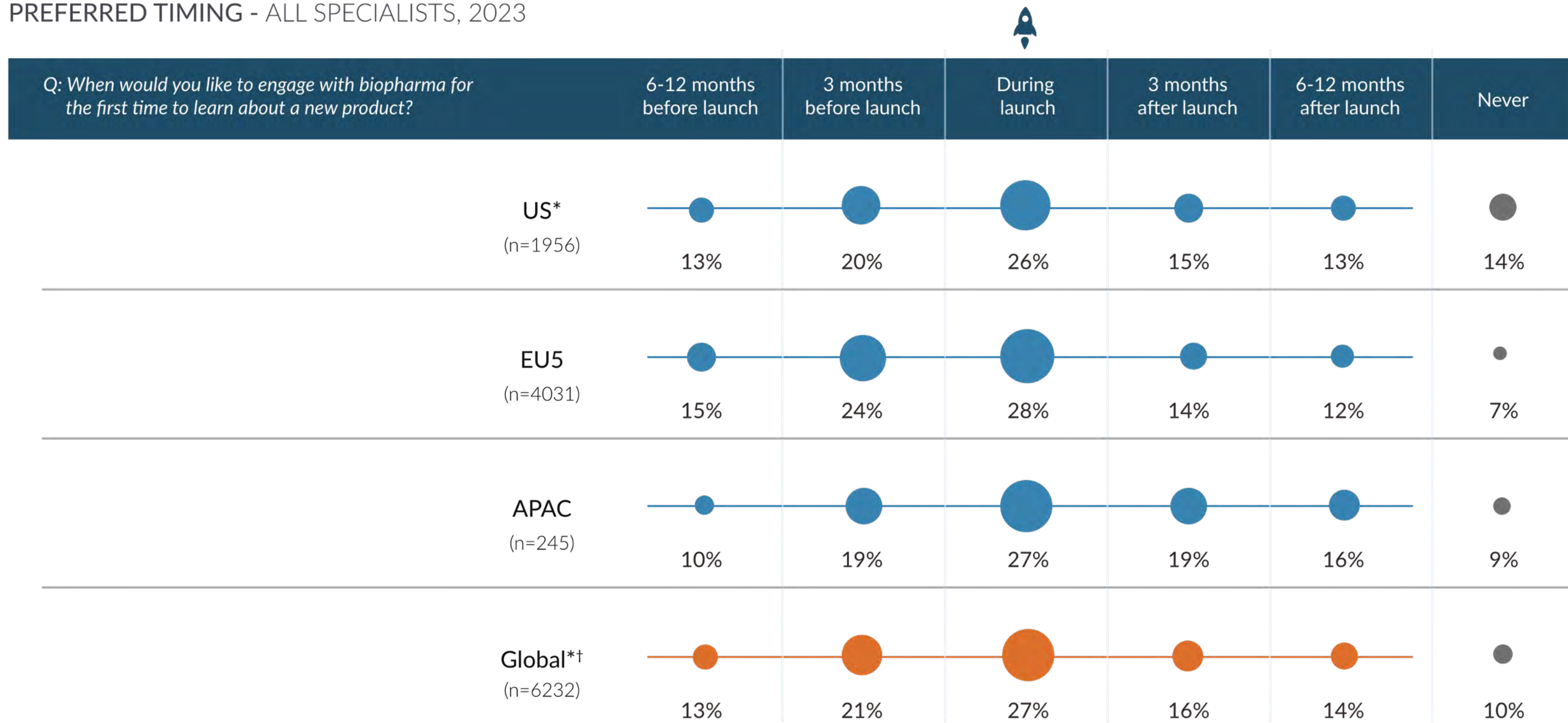
LAUNCH
trends

AROUND A THIRD OF SPECIALISTS PREFER TO START LEARNING ABOUT A NEW PRODUCT MONTHS BEFORE LAUNCH

Around a third of specialists say their preferred time for first engagement with pharma content about a new product is at least 3 months prior to launch – though there is some variation between regions, with the highest level of pre-launch interest seen in EU5 (39%) and the lowest in APAC (29%).

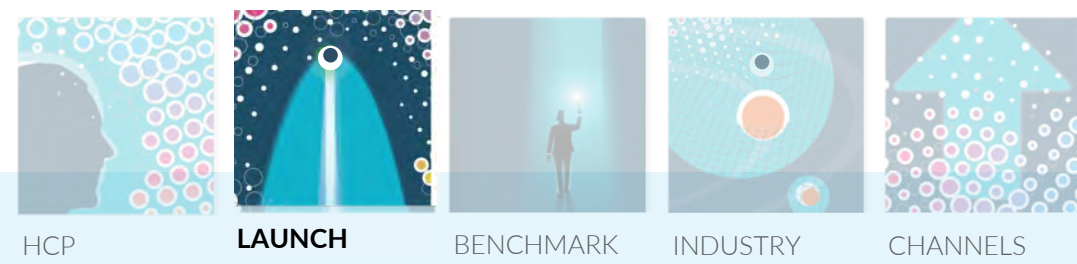
This opens a critical window for Market Access and Medical teams to connect with this crucial audience of possible innovators and early adopters through omnichannel data dissemination and disease education before launch. Learnings from the market during this time can also ensure Commercial has their own campaign ready to go on day 1 post-approval.

PREFERRED TIMING - ALL SPECIALISTS, 2023



* Total does not equal 100% due to rounding
† Global: US, EU5 and APAC averaged (mean)

Source: Navigator365™ Core, all specialists, 2023



IN THE LAUNCH SETTING, SPECIALISTS ARE SPLIT FAIRLY EVENLY BETWEEN IN-PERSON ENGAGEMENT WITH A REP AND AN OMNICHANNEL APPROACH

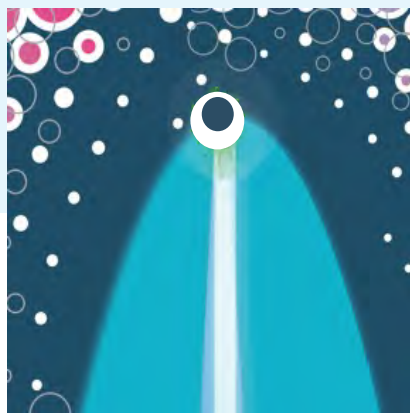
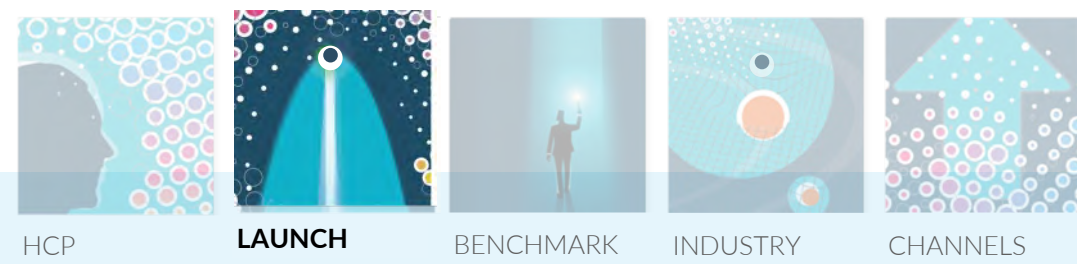
It's unsurprising that specialists continue to show a strong interest in F2F engagement when it comes to the setting of a new product launch; however, across our key markets, those specialists who prefer an omnichannel approach (digital-only or a mix) also have a significant presence – particularly in APAC. Adding digital to the launch mix therefore aligns to customer preferences, improving customer experience and launch engagement impact.

PREFERRED REP FORMAT - ALL SPECIALISTS, 2023

Q: In terms of engagement with reps in a launch setting, which option do you prefer?	Mainly in-person	Mix of in-person and digital or digital only	Prefer not to engage with biopharma reps
US (n=1956)	49%	44%	6%
EU5 (n=4031)	52%	46%	2%
APAC (n=245)	35%	60%	4%
Global*† (n=6232)	45%	50%	4%

* Total does not equal 100% due to rounding
 † Global: US, EU5 and APAC averaged (mean)

Source: Navigator365™ Core, all specialists, 2023



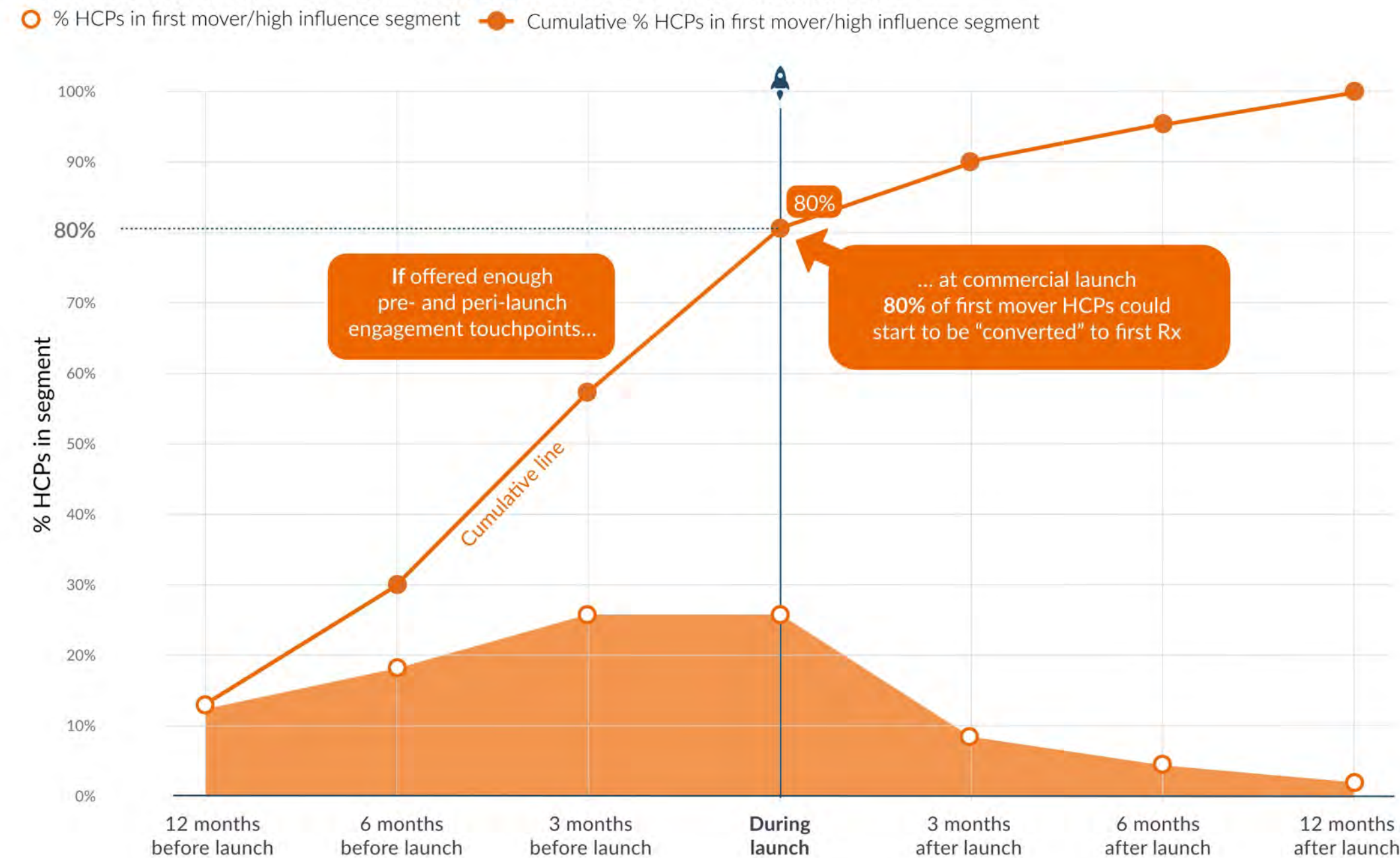
HIGHLIGHT

OVER A QUARTER OF EU5 SPECIALISTS ARE INFLUENTIAL “FIRST MOVERS”, MOST OF WHOM WOULD BENEFIT FROM PRE-LAUNCH ENGAGEMENT

Based on the question “When do you start prescribing new products?” our research tells us that 47% of EU5 specialists categorize themselves as “first movers” who typically prescribe new products as soon as they are available; those who wait for initial (positive) feedback are “early majority” (39%) while “late majority” (14%) HCPs won’t prescribe until a full safety profile is established. Incorporating specialists’ self-reported level of influence to the equation, identifies the 26% of prescribers who are both first mover & highly networked – these are your top priority pre-launch segment.

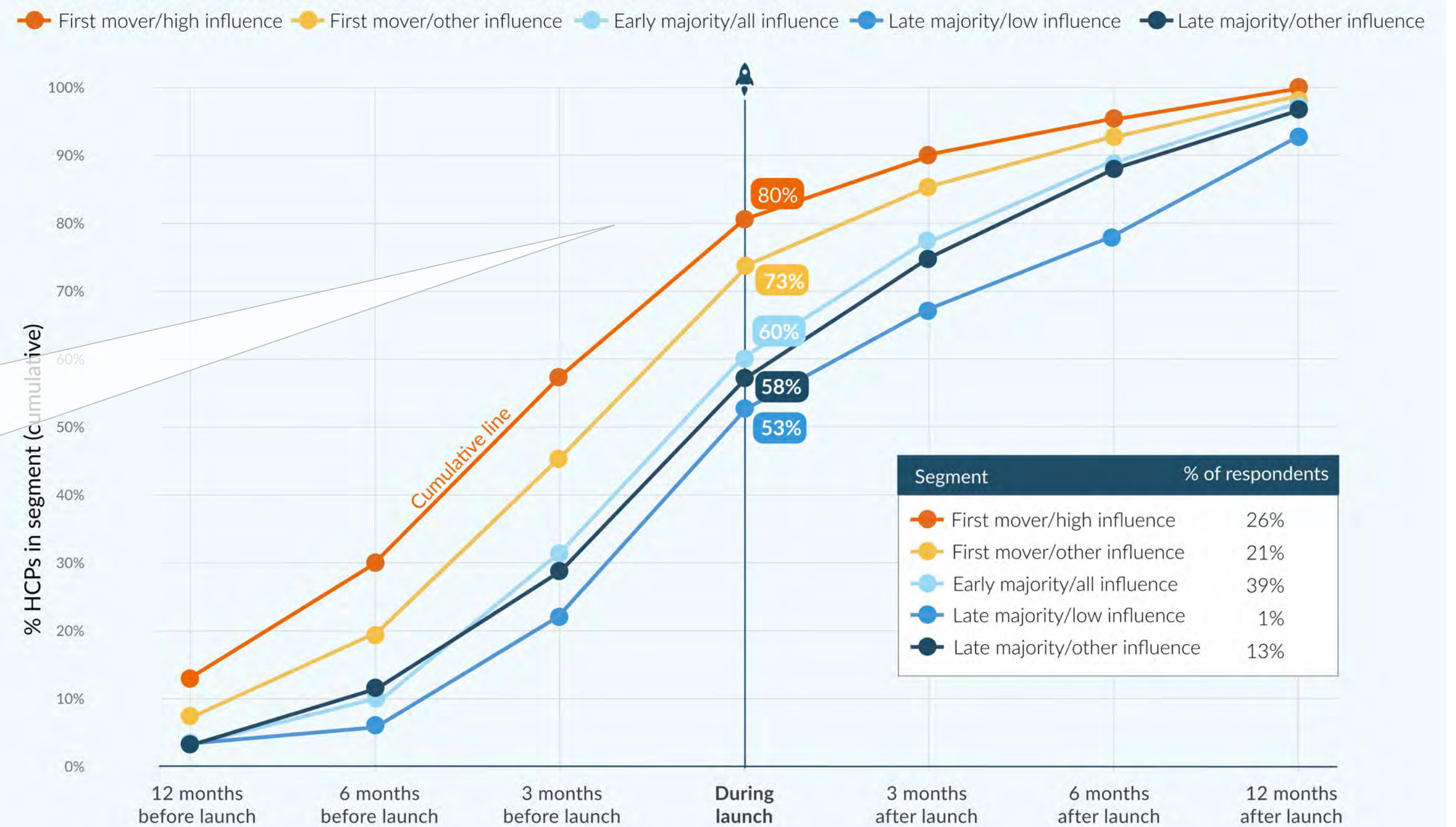
Offering enough pre-launch engagement touchpoints means this crucial segment can start the customer journey much sooner and can be “converted” to first Rx at commercial launch faster than HCPs who are still at the top or middle of the funnel at that stage.

PREFERRED TIME OF FIRST ENGAGEMENT FOR LAUNCH PRODUCT - FIRST MOVER SEGMENT



Source: Navigator365™ Core, EU specialists, 2023 (n=1036)

PREFERRED TIME OF FIRST ENGAGEMENT FOR LAUNCH PRODUCT - ALL SEGMENTS

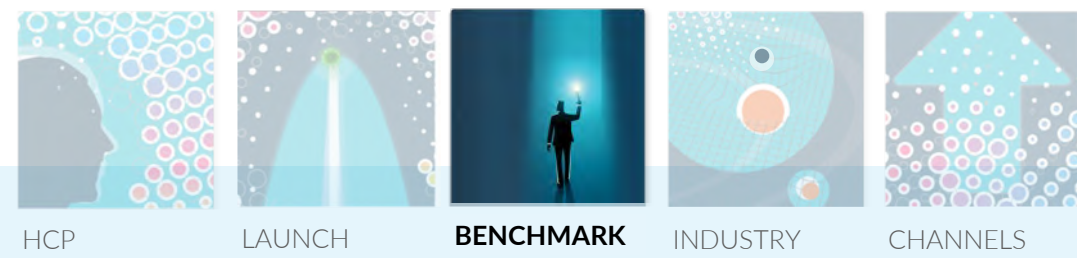


Source: Navigator365™ Core, EU specialists, 2023 (n=3987)

3. BENCHMARK analysis



POWERED BY  Navigator365™ Core AND  Navigator365™ Cx Benchmark



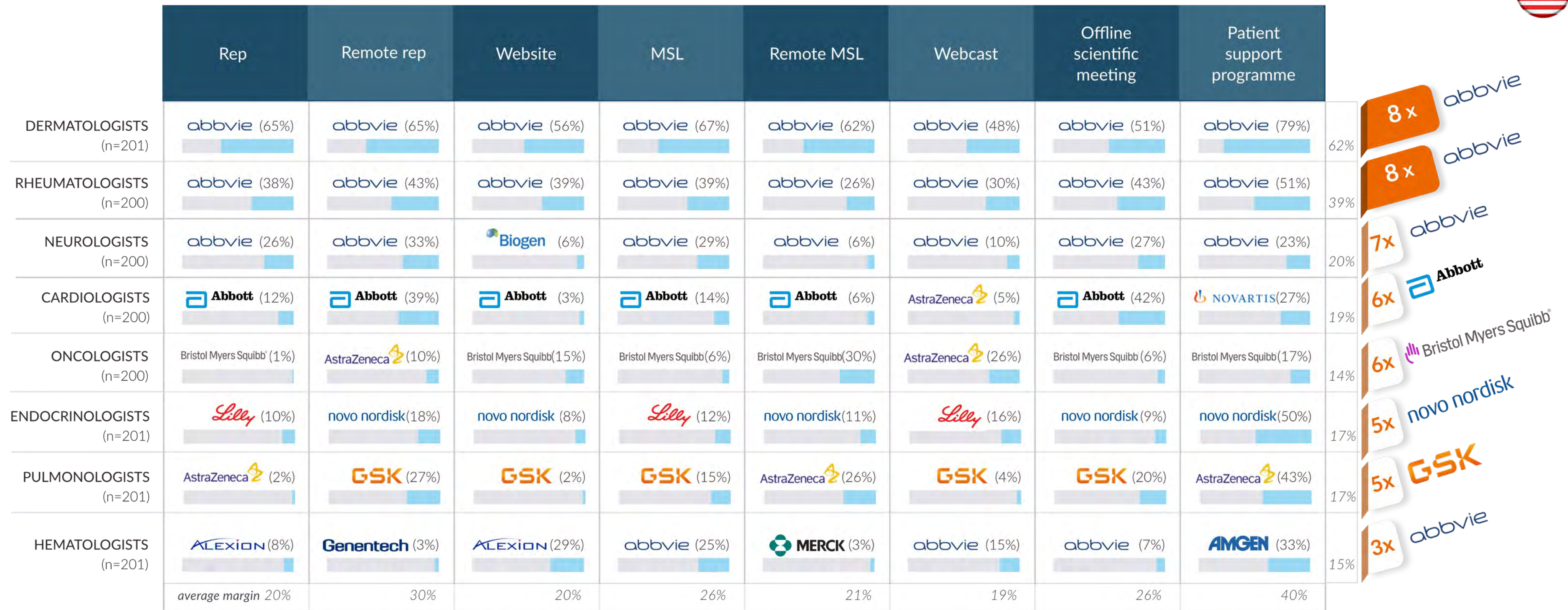
BENCHMARK
analysis

WHICH COMPANIES ARE LEADING AT THE CHANNEL LEVEL? (1/2)

In workshops, we often get the question “Who is ahead in the omnichannel space?”. In earlier times, we would have said: “There is no consistent pharma leader, only local pockets of excellence – in fact, the customer is ahead of pharma.” However, two years post-Covid and we see more and more consistency cropping up, strongly suggesting a robust companywide and systematic omnichannel strategy and execution at certain companies.

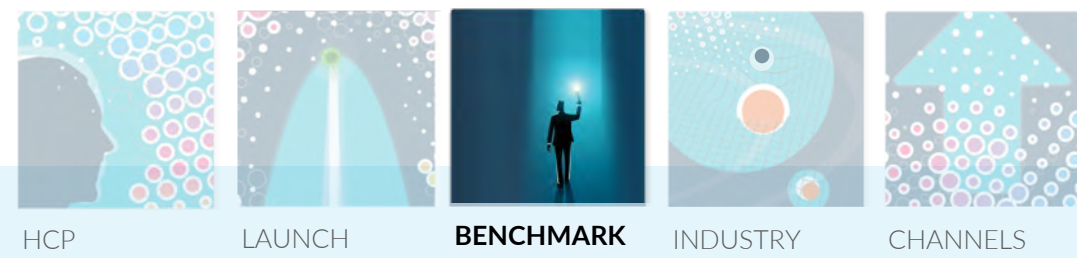
When we ask over 1600 US specialists which companies are leading in eight key offline and online channels, the same names crop up again and again, with AbbVie in particular leading the way across the range of channels (the percentage figure shows the margin between the leader and the second closest company) – the picture is less homogeneous in the areas of endocrinology, pulmonology and hematology.

LEADING COMPANY PER CHANNEL – SPECIALISTS, US, 2023



% = % margin between leader company and second place company

Source: Navigator365™ Core, US specialists, 2023 (n=1604)

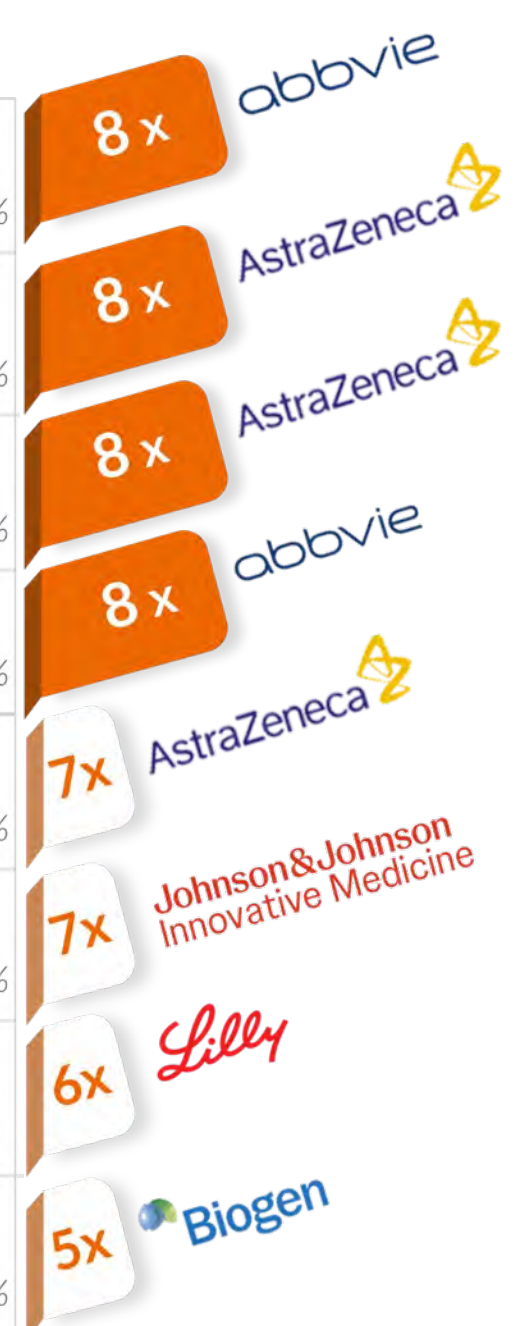


WHICH COMPANIES ARE LEADING AT THE CHANNEL LEVEL? (2/2)

Asking over 4000 European specialists gives a similar (if even less varied) picture, with AstraZeneca and AbbVie (again) leading the pack in a number of therapeutic areas.

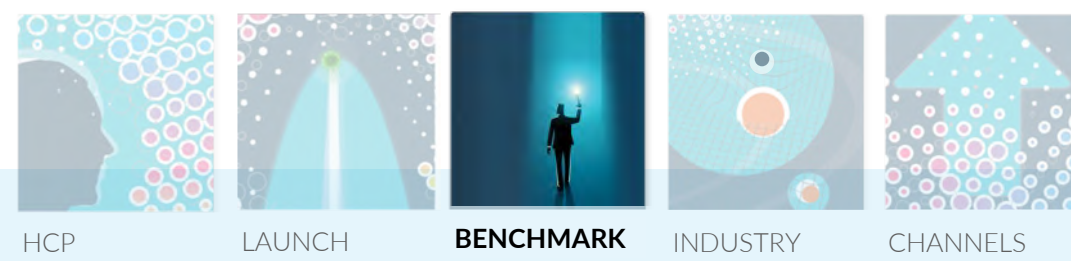
LEADING COMPANY PER CHANNEL – SPECIALISTS, EU5, 2023

	Rep	Remote rep	Website	MSL	Remote MSL	Webcast	Offline scientific meeting	Patient support programme	
DERMATOLOGISTS (n=505)	abbvie (26%)	abbvie (36%)	abbvie (29%)	abbvie (46%)	abbvie (22%)	abbvie (18%)	abbvie (41%)	abbvie (40%)	32%
ONCOLOGISTS (n=506)	AstraZeneca (35%)	AstraZeneca (39%)	AstraZeneca (22%)	AstraZeneca (36%)	AstraZeneca (34%)	AstraZeneca (34%)	AstraZeneca (46%)	AstraZeneca (4%)	31%
PULMONOLOGISTS (n=501)	AstraZeneca (23%)	AstraZeneca (38%)	AstraZeneca (37%)	AstraZeneca (26%)	AstraZeneca (26%)	AstraZeneca (19%)	AstraZeneca (21%)	AstraZeneca (31%)	28%
RHEUMATOLOGISTS (n=502)	abbvie (30%)	abbvie (15%)	abbvie (26%)	abbvie (33%)	abbvie (12%)	abbvie (11%)	abbvie (28%)	abbvie (10%)	21%
CARDIOLOGISTS (n=505)	AstraZeneca (9%)	AstraZeneca (15%)	AstraZeneca (9%)	AstraZeneca (15%)	AstraZeneca (22%)	AstraZeneca (27%)	AstraZeneca (1%)	Abbott (1%)	12%
HEMATOLOGISTS (n=505)	Johnson & Johnson Innovative Medicine (14%)	abbvie (8%)	Johnson & Johnson Innovative Medicine (1%)	Johnson & Johnson Innovative Medicine (18%)	Johnson & Johnson Innovative Medicine (13%)	Johnson & Johnson Innovative Medicine (17%)	Johnson & Johnson Innovative Medicine (27%)	Johnson & Johnson Innovative Medicine (1%)	12%
ENDOCRINOLOGISTS (n=503)	novo nordisk (9%)	Lilly (7%)	novo nordisk (1%)	Lilly (14%)	Lilly (12%)	Lilly (13%)	Lilly (5%)	Lilly (11%)	9%
NEUROLOGISTS (n=504)	NOVARTIS (8%)	Biogen (8%)	Biogen (16%)	NOVARTIS (27%)	Biogen (7%)	Biogen (11%)	NOVARTIS (4%)	Biogen (7%)	11%
average margin	19%	21%	18%	27%	19%	19%	22%	13%	



% = % margin between leader company and second place company

Source: Navigator365™ Core, EU5 specialists, 2023 (n=4031)

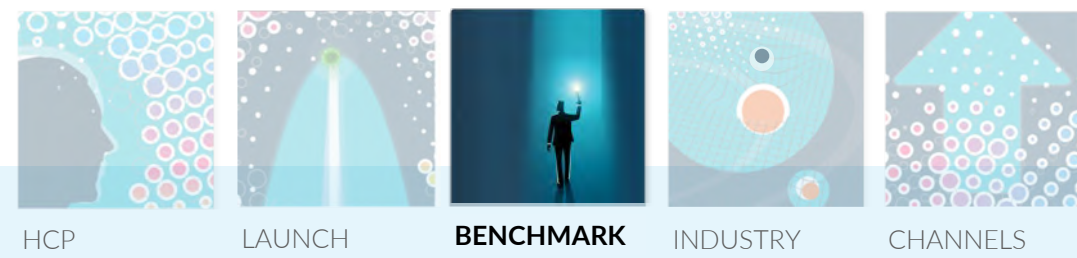


WHAT DRIVES AN OPTIMAL CX?

When it comes to Cx drivers related to biopharma engagement, specialists of all stripes rate 'knowledgeable staff' as the most important dimension. 'Easy to engage with' comes a close second (first in the US) – with 'Respect my time' also scoring well, it's clear that HCPs are looking for pharma to engage in a way that puts the customer at the centre of any interaction, at a time and in a way that suits them best.

Driver	GLOBAL n=2096	US n=1036	EU5 n=1680	APAC n=453
Knowledgeable staff	1st	2nd	1st	1st
Easy to contact/engage with	2nd	1st	2nd	2nd
Respects my time	3rd	3rd	3rd	4th
Fast response/feedback	4th	4th	4th	3rd
Knows my professional interests	5th	5th	5th	6th
I can get information & service through any channel	6th	6th	6th	5th
Knows & respects my channel preference	7th	7th	7th	7th

Source: Navigator365™ Cx Benchmark, all specialists, 2023



HIGHLIGHT

SEARCHING FOR THE “ULTIMATE” KPI FOR HCP CUSTOMER EXPERIENCE IN BIOPHARMA

Biopharma is showing an increasing interest in optimizing customer experience – and measuring it to prove its business impact. Pharma companies are busy exploring several macro-level KPIs commonly used in other industries, including Net Promoter Score (NPS), Customer Effort Score (CES) and Customer Satisfaction (CSAT). But are these KPIs all equally relevant (and actionable)?

To address this important question, we first took a deep dive into our Navigator365™ Core and Navigator365™ Cx Benchmark data. We took the top-5 pharma companies at the overall therapy area level (Core) with a deeper dive into their respective breast cancer brands (Cx Benchmark) for four of the top-5 pharma companies (as one did not have an actively promoted brand in this space).

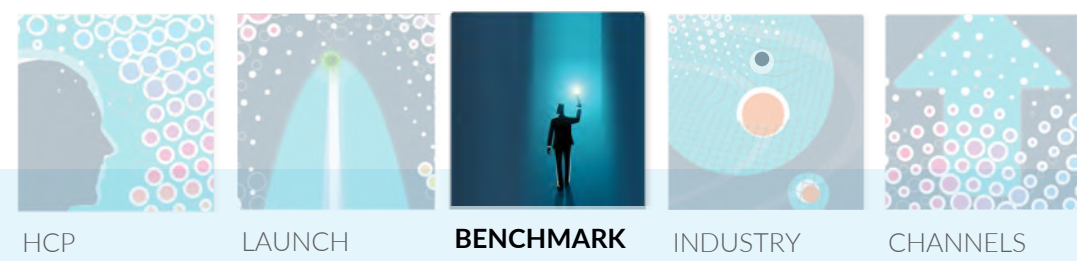
This ‘big picture’ table shows that the first position (highlighted) is not consistently awarded – all three measures at the company level reveal different leaders. The picture is the same at the brand level – with one new leader. Interestingly, Pfizer, AstraZeneca and Merck are relatively consistent at company level, but some companies show strong swings.

The deltas between the scores for the leading (high) and last (low) company tend to be small (see HILO) – except for brand-level NPS, which stands out as the most differentiating of the KPIs tested.

Company	COMPANY LEVEL*			BRAND LEVEL**	
	CSAT	CES	NPS	CES	NPS
Merck	1st (72%)	2nd (48%)	1st (4)	2nd (64%)	1st (37)
Pfizer	3rd (71%)	2nd (48%)	2nd (2)	3rd (60%)	3rd (7)
Novartis	5th (66%)	1st (50%)	3rd (-2)	3rd (60%)	4th (0)
AstraZeneca	4th (68%)	4th (45%)	4th (-5)	1st (66%)	2nd (24)
Bristol Myers Squibb	1st (72%)	5th (44%)	5th (-6)	-	-
HILO delta	6%	6%	10	6%	37

CSAT: Customer Satisfaction
 CES: Customer Effect Score
 NPS: Net Promotor Score

*Source: Navigator365™ Core, US oncologists, 2023 (n=200)
 **Source: Navigator365™ Cx Benchmark, US breast cancer, 2023 (n=101)



HIGHLIGHT

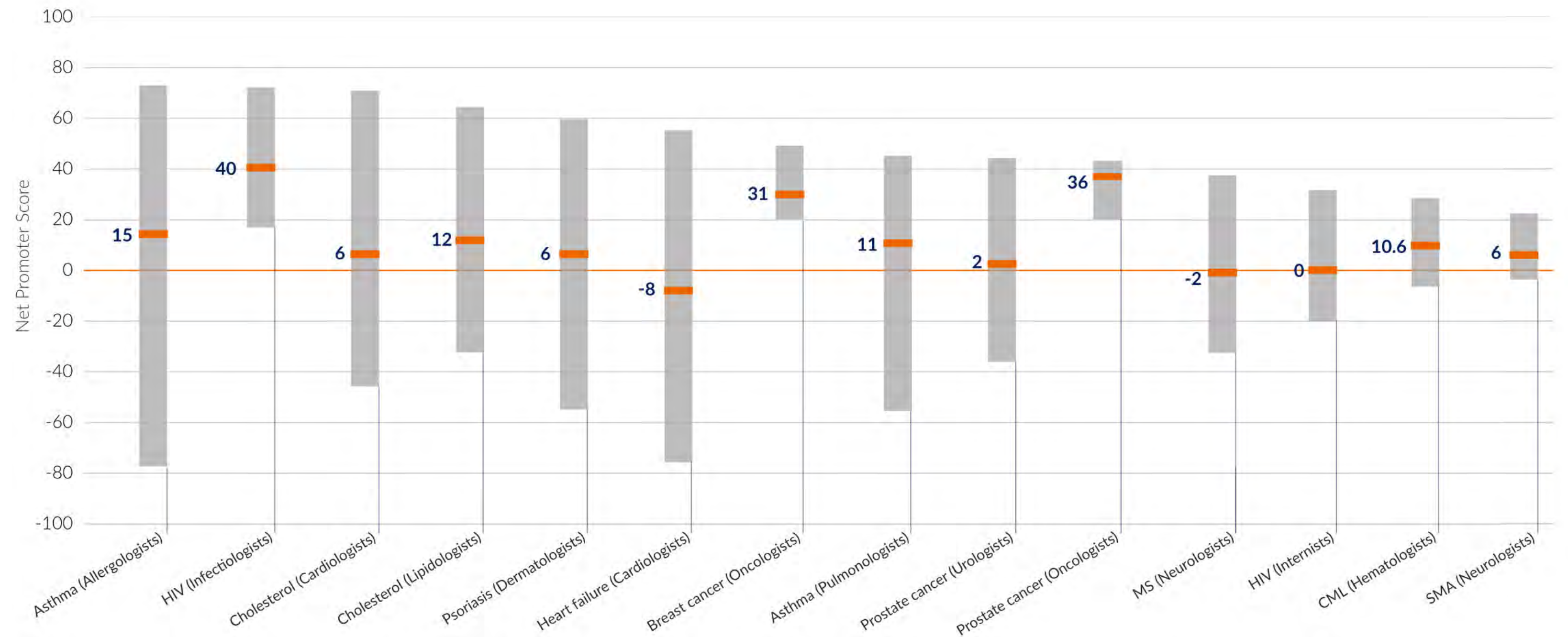
NPS VARIES DRAMATICALLY BETWEEN INDICATIONS AND TREATER TYPES (US, ALL BRANDS)

Navigator365™ Cx Benchmark allows for in-depth benchmarking at the brand level and includes NPS as a standard (in addition to key channels, content types, Cx attributes, frequency, recency, and CES, among others). Looking at fourteen Cx Benchmarks conducted in the US between Q4 2022 and Q1 2023 (n=1,005; average 72 respondents and 5 brands per Cx Benchmark report), we plotted the range of brands' overall NPS across the various therapy areas. All maximum NPS are positive (the average maximum NPS is 50), with the highest score seen in Asthma (73); the lowest maximum NPS scores go to HIV (33), CML (29) and SMA (23).

Between treater types, scores can vary for the same brands, with the most dramatic differences seen in HIV-infectiologist (72) vs HIV-internist (33), and Asthma-allergologist (73) vs Asthma-pulmonologist (46). For Cholesterol-cardiologist (71) and Cholesterol-lipidologist (65), the maximum scores are similar. Averaging all the minimum NPS we get -28 - only three of our Cx Benchmarks have a minimum NPS that does not dip below zero: HIV-infectiologist (18), Breast cancer-oncologist (21) and Prostate cancer-oncologist (20). Since scores can therefore vary strongly not only between indications but also between treater types, benchmarking should be done at this level.

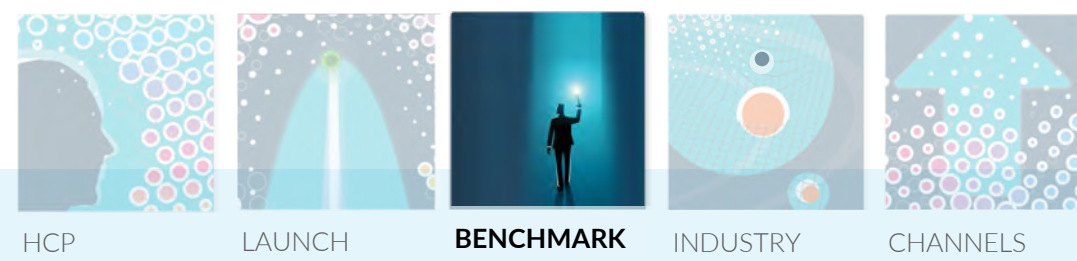
NPS RANGE BY DATASET - US SPECIALISTS, 2022-2023

■ Average NPS
N=1,005



Net Promotor Score (NPS) is calculated by subtracting the percentage of detractors from the percentage of promoters.

Source: Navigator365™ Cx Benchmark, US specialists, Q4 2022-Q1 2023



HIGHLIGHT

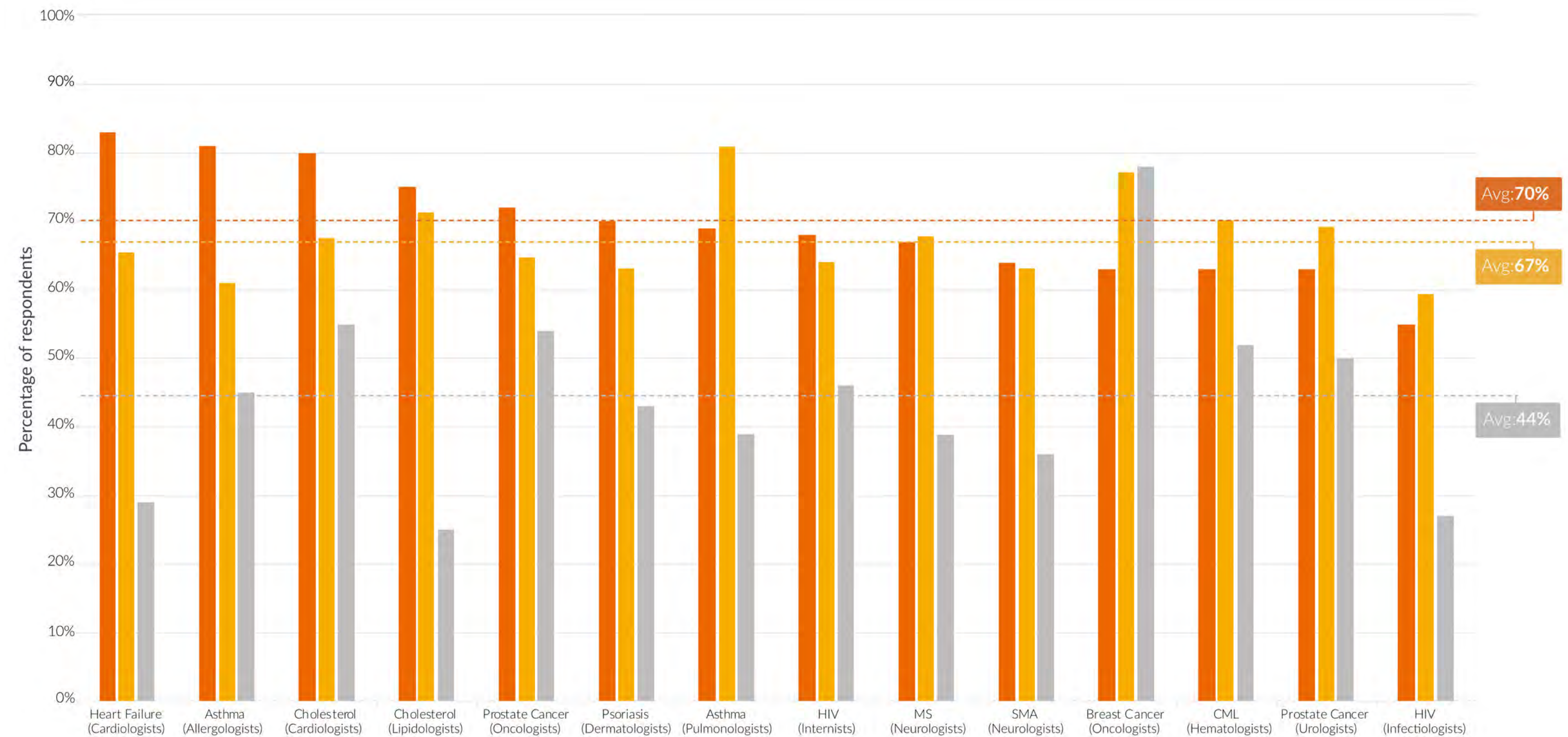
HIGH NPS RATINGS FROM PROMOTER HCPs ARE DRIVEN LARGELY BY CUSTOMER EXPERIENCE

Higher-scoring respondents – both passives and promoters – tend to attribute their NPS rating to Cx-related factors (defined as: high-quality omnichannel engagements) rather than brand attributes (drug characteristics such as efficacy and tolerability, etc). In heart failure, for instance, 83% of brand promoters state that their score was mainly driven by Cx; the average for promoters across all 14 benchmark surveys is 70%. Since promoters tend to prescribe significantly more than passives, the difference between an “OK” and a “great” experience – one that might bump a passive score up to a promoter score – has the potential to have a large effect and therefore represents a significant opportunity.

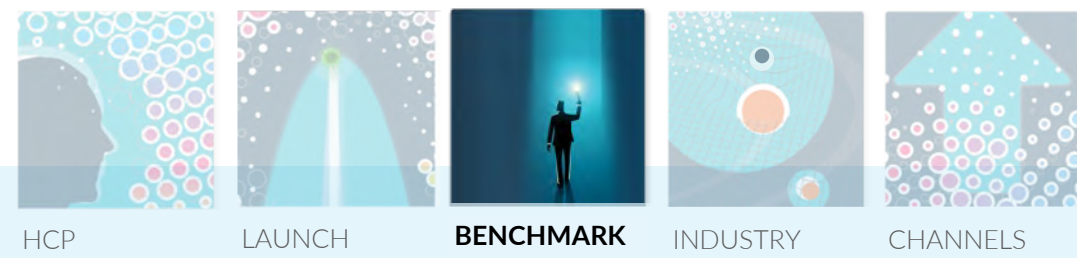
If you look at the NPS drivers for detractors, the picture is almost the opposite – on average only 44% say their low score is driven by Cx factors, with most linking instead to brand attributes. It does make sense that Cx is less likely to have an influence if HCPs feel that the (brand) basics are not already in place. We’d go so far as to say that efficacy and other brand attributes should be at least on par with other brands – if you do not have that, your chances of hitting a high NPS are non-existent. But once you are at that level (or close to it), you can win the hearts (and heads) of customers by improving Cx.

% OF SPECIALISTS WHOSE NPS RATING WAS DRIVEN BY CX FACTORS

■ % Cx-driven for promoters ■ % Cx-driven for passives ■ % Cx-driven for detractors
N=1,005



Source: Navigator365™ Cx Benchmark, US specialists, Q4 2022–Q1 2023



HIGHLIGHT

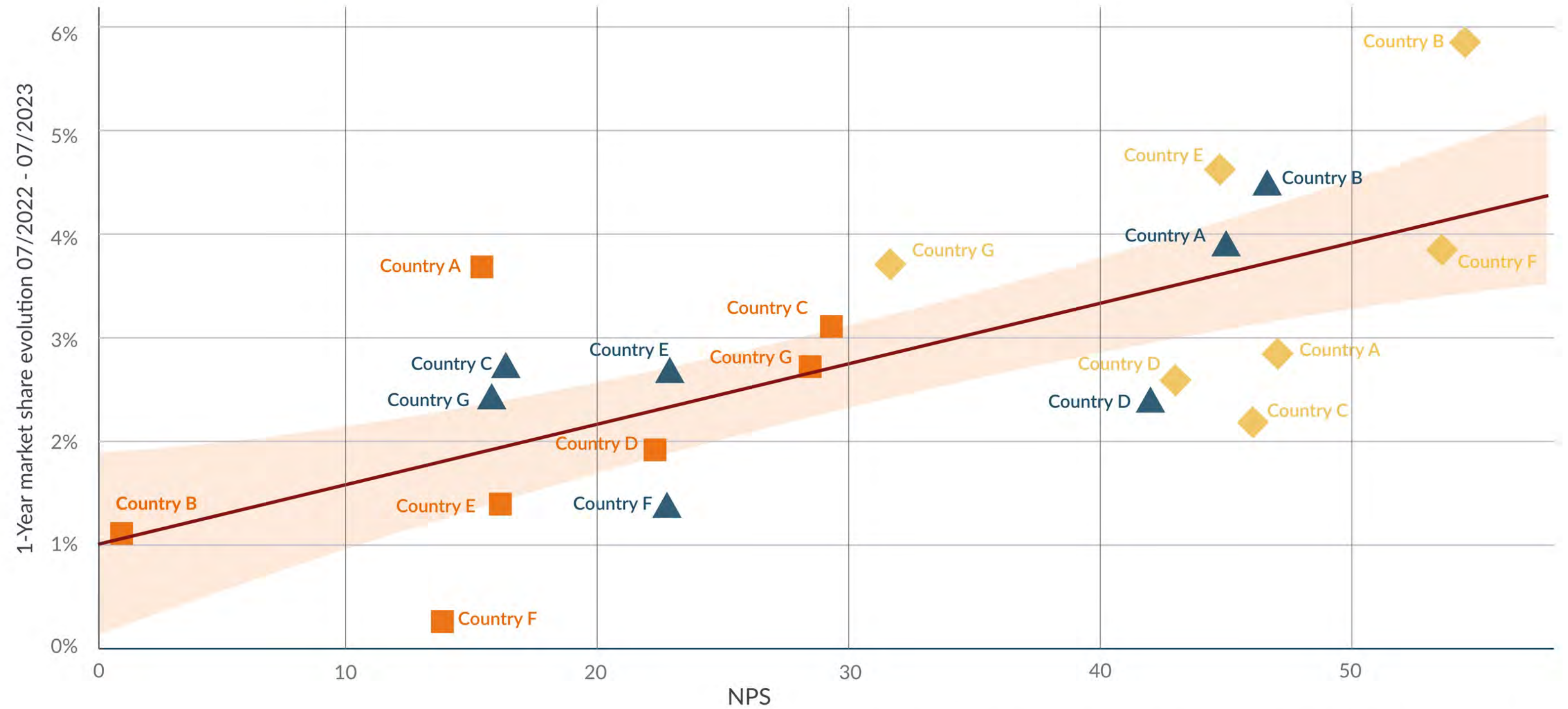
A HIGHER NPS CORRESPONDS TO INCREASED MARKET SHARE

In a recent collaboration with a client, we set out to test the claim that higher NPS implies not just loyal customers but also a superior revenue and/or market share evolution. Our client provided 12-month market share evolution data (Y axis) for three specialty brands (two growth brands and one recently launched product, shown in orange) across seven countries. We then plotted the brand NPS scores (adjusted for country-specific differences) from a 2023 Navigator365™ Cx Benchmark (X axis).

The chart reveals a compelling correlation between the two dimensions, particularly for the two growth brands – for the recently launched brand, the pattern is less clear for certain markets, which may be due to the small number of promoters/loyal users in the early PLC stage (worth noting that in our Navigator365™ Cx Benchmark research we often see relatively low NPS numbers for launch brands).

NPS / MARKET SHARE EVOLUTION CORRELATION - 2022-2023

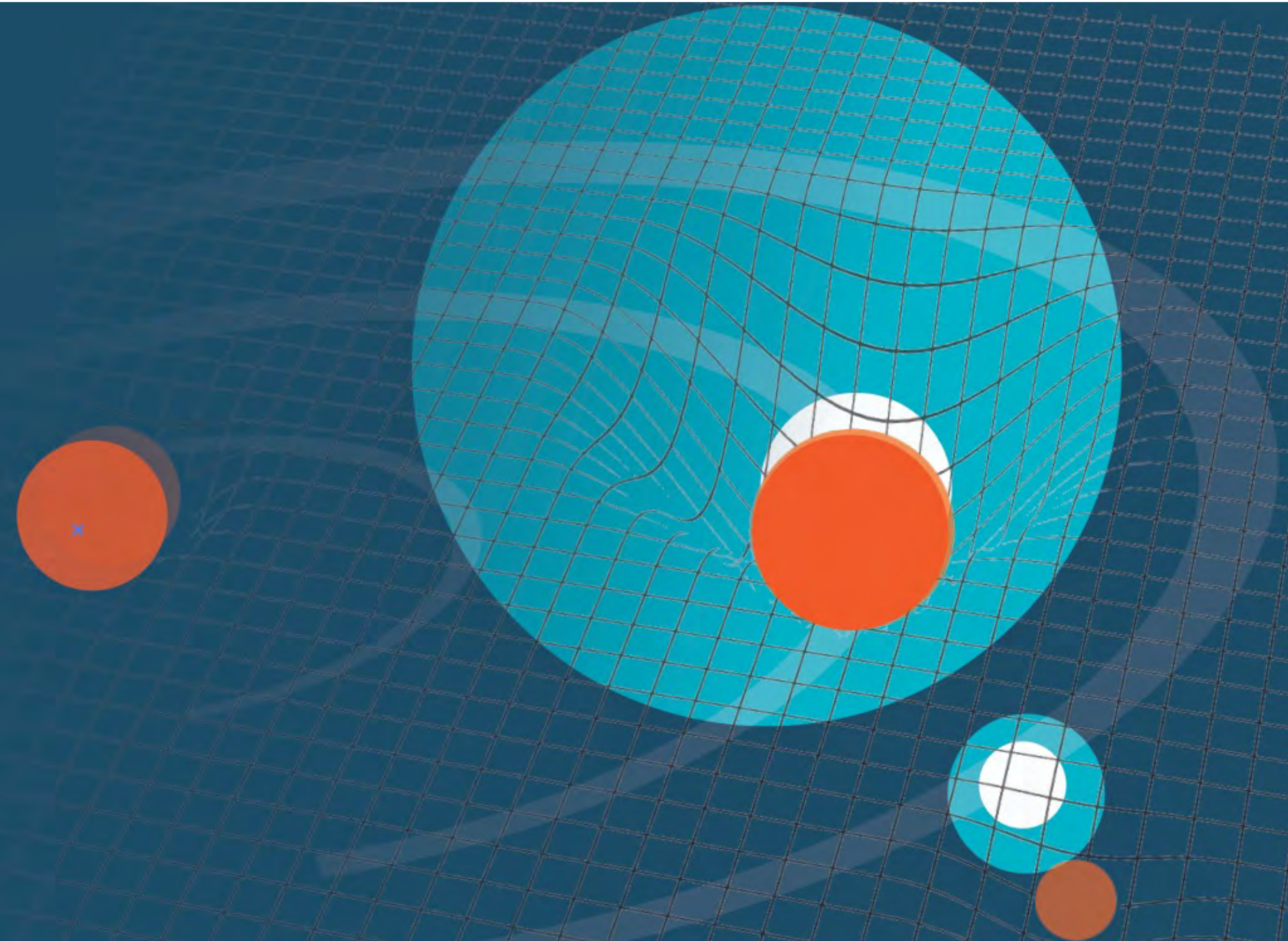
▲ Brand 1 ◆ Brand 2 ■ Brand 3 (launch brand)



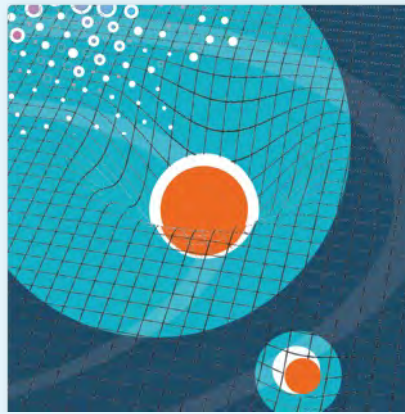
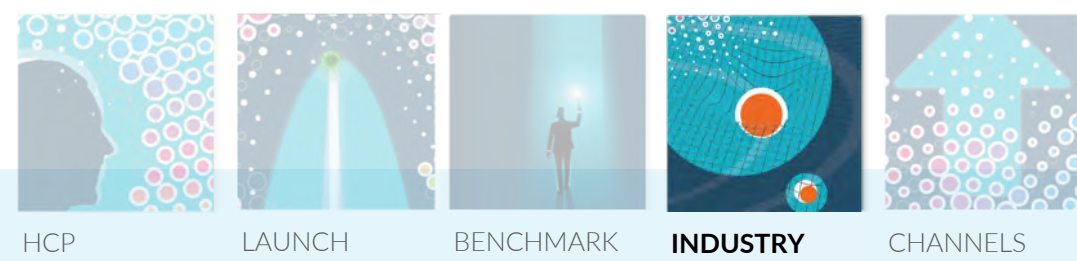
*Net Promoter Score (NPS) is calculated by subtracting the percentage of detractors from the percentage of promoters. Only prescribers are taken into consideration and a correction was applied to mitigate country-specific biases.

Source: Navigator365™ Cx Benchmark (n=301) and client data, 2022-2023

4. INDUSTRY performance

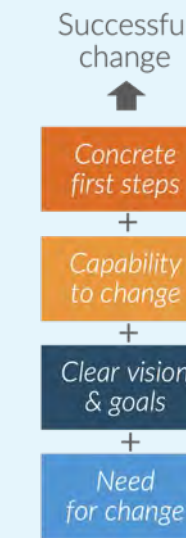


POWERED BY  **Maturometer™**



OMNICHANNEL MATURITY: THE FOUR DIMENSIONS OF SUCCESSFUL CHANGE

The Across Health OC Maturity Index* gives an overall picture of the industry's performance across four key dimensions needed for successful change. Within each of the four dimensions, respondents are asked to assess their company's performance across a number of individual drivers. Those who give a 'positive' or 'extremely positive' response contribute to the overall score for each dimension out of a maximum possible 100 points. Combining these four dimension scores reflects the industry's total maturity level, quantified with a maximum aggregate score of 400.



*Inspired by Dannemiller's variation of the Gleicher formula (Source: Dannemiller and Jacobs, Changing the way organizations change. A revolution of common sense. Journal of Applied Behavioural Science [1992])

INDUSTRY performance

OMNICHANNEL MATURITY Europe Biopharma, 2023

While there is a sense of urgency about the **need for change** – to move beyond the traditional engagement model – the industry is (surprisingly) **underleveraging customer insights**.

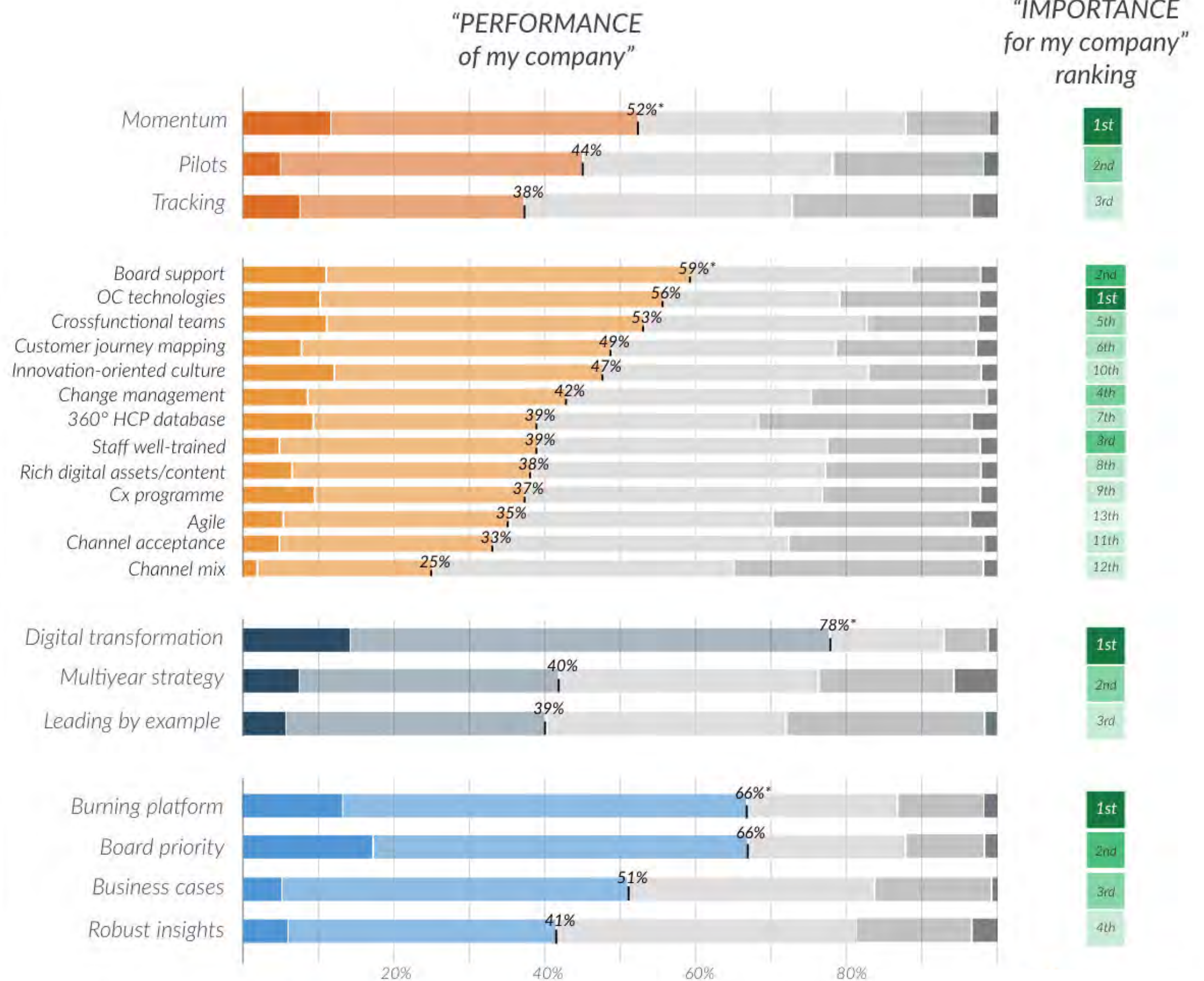
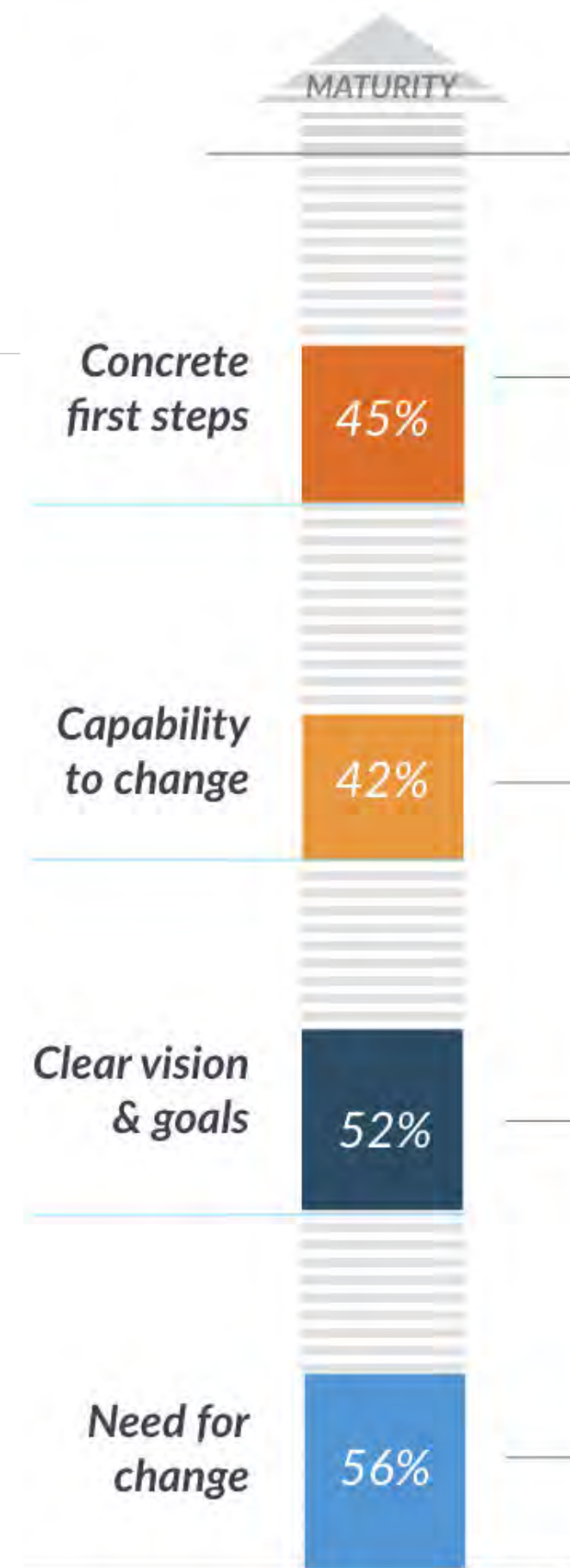
And while most respondents feel their organization has a **clear vision for digital transformation**, the translation of that vision into a measurable multiyear strategy is often missing. In addition, leadership could be more supportive and lead by example.

When it comes to '**Capability to change**' enablers, board support, technologies and cross-functional teams show promise, but cannot outweigh weakness in Cx and channel acceptance/mix. Is the industry's capability to change being hindered by selective (over)investment in some enablers over others?

Finally, in terms of **concrete first steps**, the industry is struggling to translate its efforts into highly visible success stories.

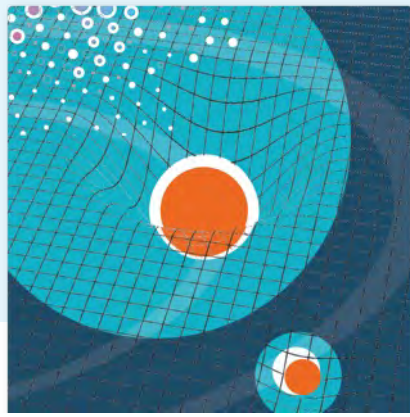
The following pages will look at each of the four dimensions (and their constituent drivers/enablers) in turn...

OC Maturity score
195/400



* Totals of Extremely positive and Positive answers are used to arrive at the index score.

Source: Maturometer™ 2023, EU Biopharma (n=217)



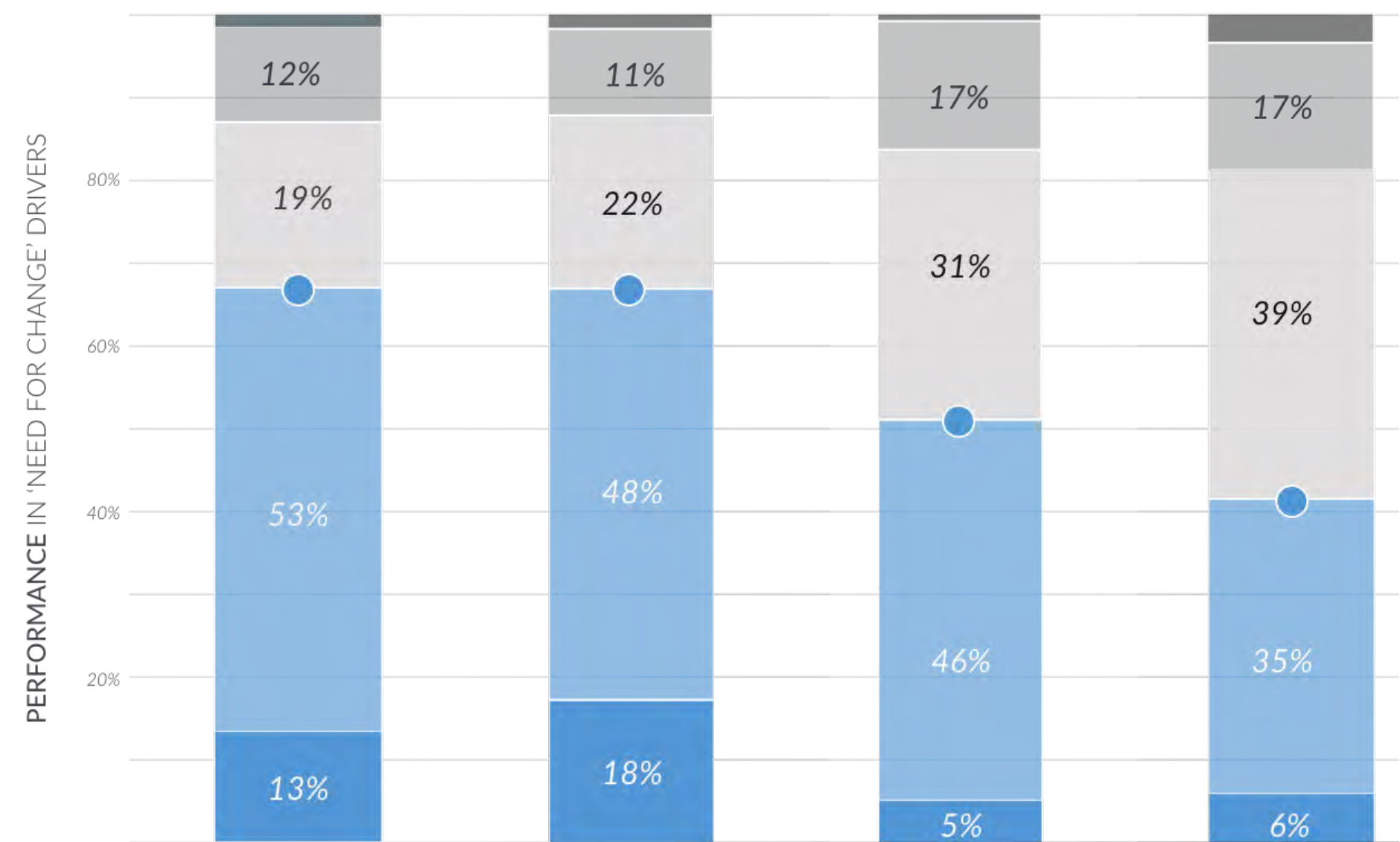
THE NEED FOR CHANGE

EU biopharma has a good sense of urgency to improve upon traditional customer engagement, coupled with prioritization at the board level. However, the lack of well-structured business cases and a failure to leverage robust customer insights are holding the industry back...at a time when customer centricity and customer experience should be a key focus.

CLEAR VISION & GOALS

Despite a strong vision for transformation, there's a need for inspiration from senior leadership and a clear strategy.

HOW DO YOU ASSESS YOUR COMPANY'S PERFORMANCE ON THESE 'NEED FOR CHANGE' DRIVERS?



Burning platform

A strong sense of urgency/ "burning platform" to change the traditional customer engagement model

Board priority

The Board gives high priority to digital transformation

Business cases

The development of strong, quantified business cases to drive the digital transformation programme

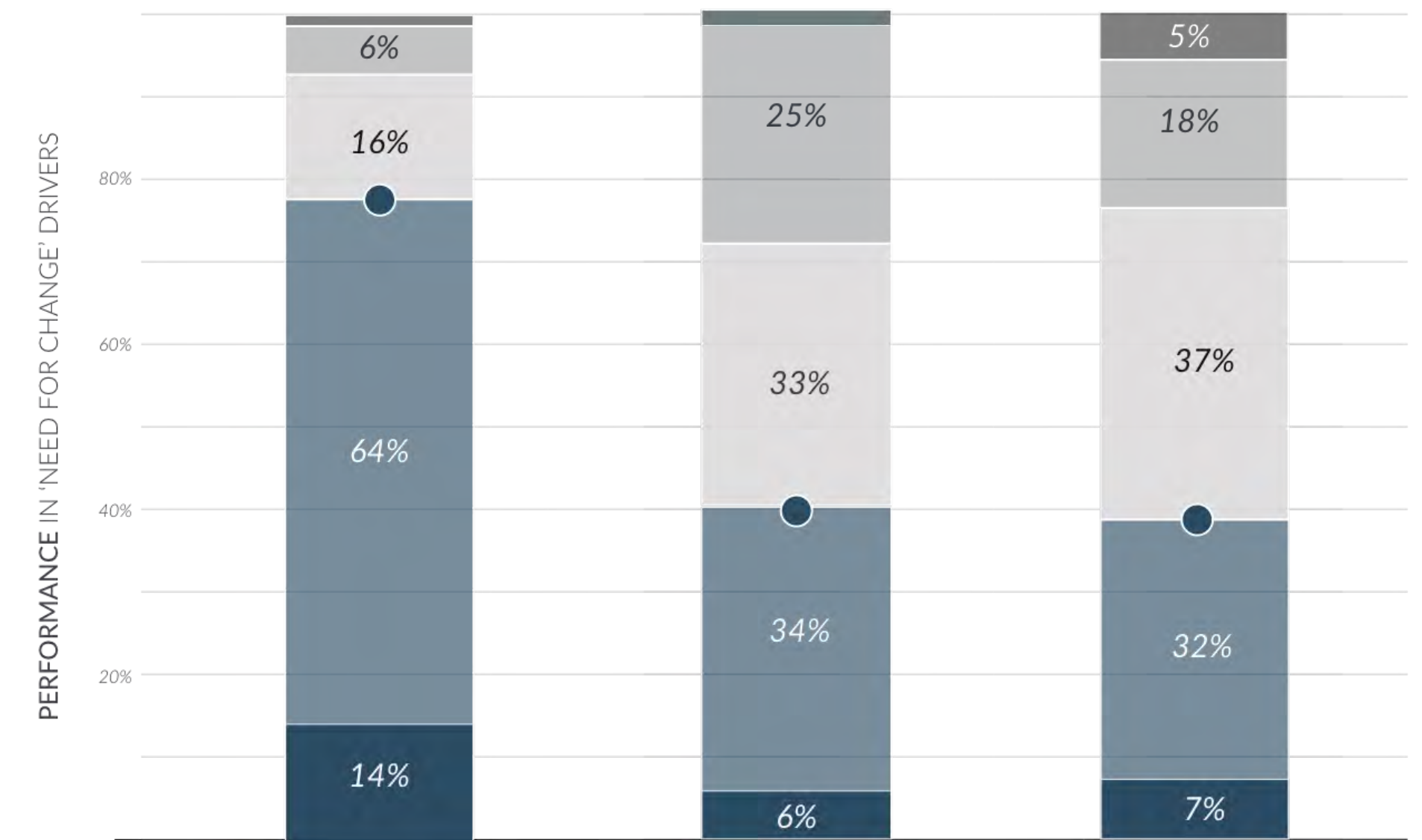
Robust insights

Robust insights in key digital customer trends

Extremely positive Positive Neutral Negative Extremely negative

Totals of Extremely positive and Positive are averaged to arrive at the index score.

HOW DO YOU ASSESS YOUR COMPANY'S PERFORMANCE ON THESE 'CLEAR VISION & GOALS' DRIVERS?



Digital transformation vision

A strong vision/aspiration for digital transformation

Multiyear strategy

A detailed multiyear strategy (multiyear roadmap etc.) for digital transformation

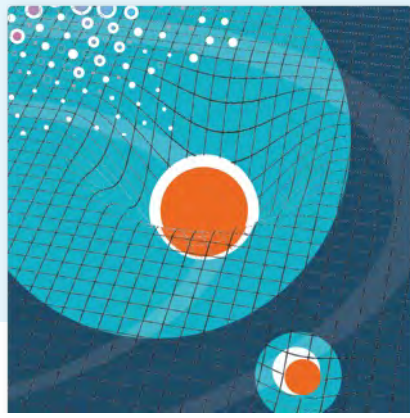
Leading by example

Inspiring senior leadership and "leading by example" on the digital journey

Extremely positive Positive Neutral Negative Extremely negative

Totals of Extremely positive and Positive are averaged to arrive at the index score.

Source: Maturometer™ 2023, EU Biopharma (n=217)



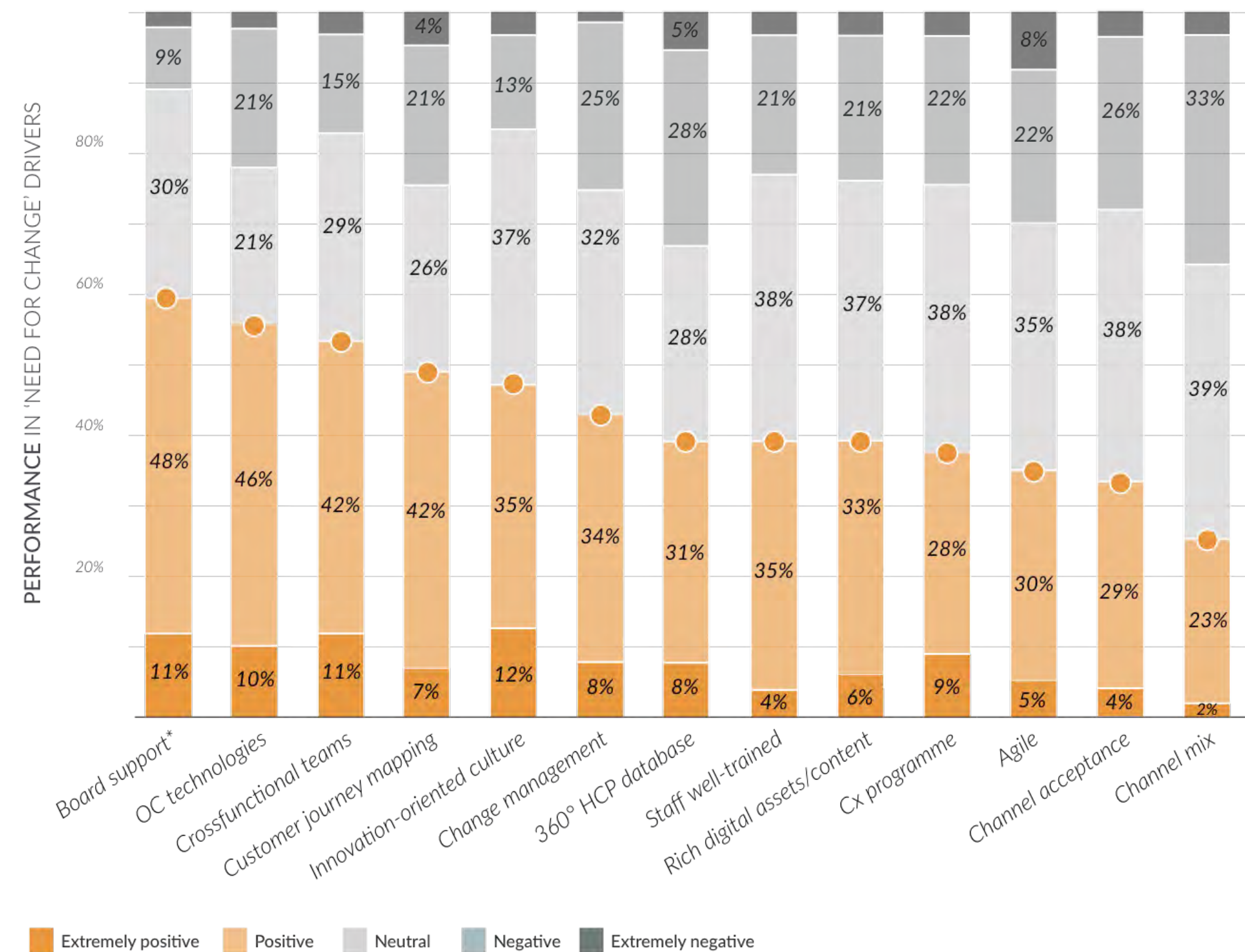
CAPABILITY TO CHANGE

Despite some fairly high-scoring enablers, 'Capability for change' scores the lowest of the four dimensions due to shortcomings in many elements, including staff training, channel mix & acceptance and Cx programmes.

CONCRETE FIRST STEPS

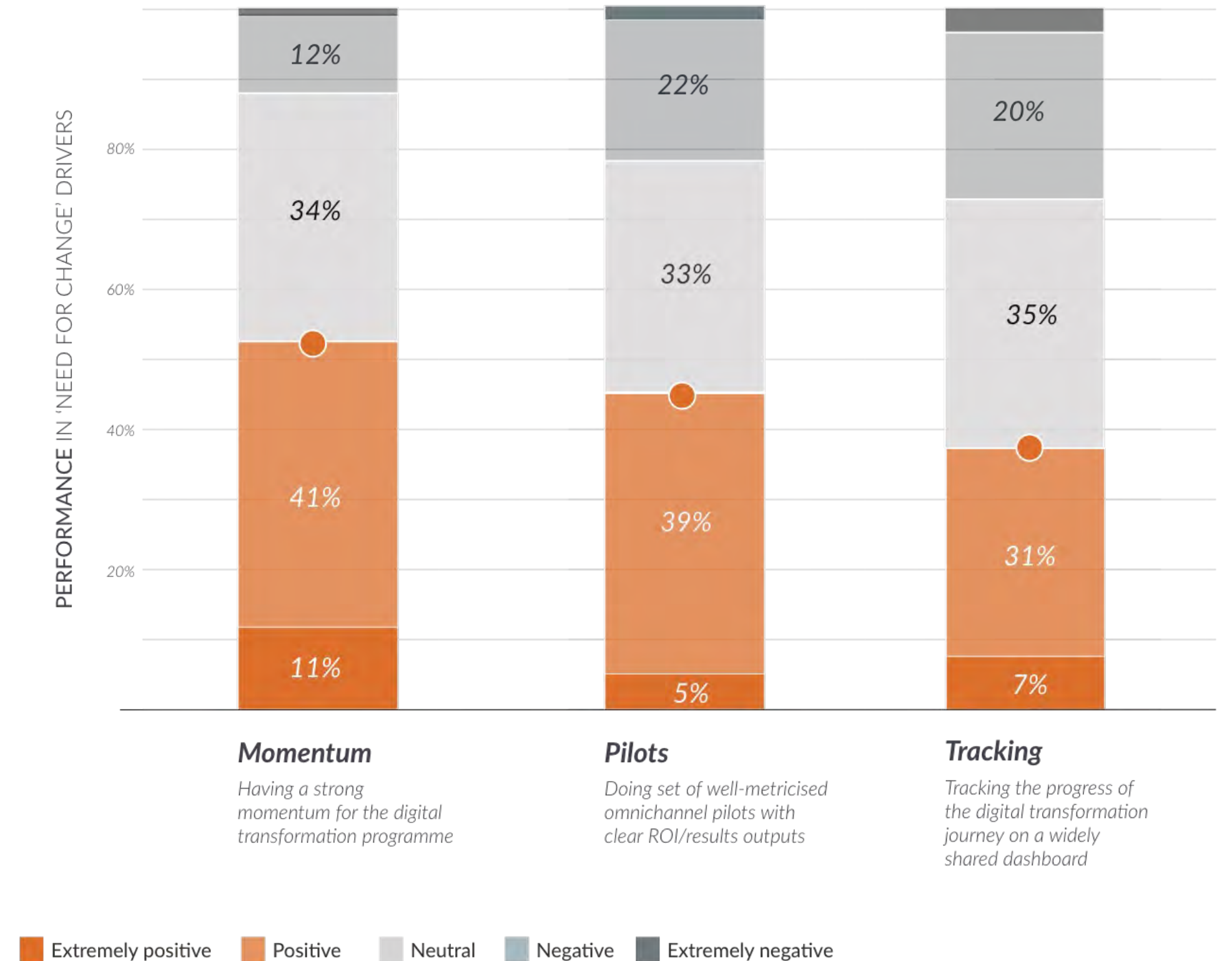
With many respondents asking for strong KPIs and ROI, robust tracking and highly measurable pilots should lead to a faster adoption (and where needed, evidence-based course correction) of any multiyear strategy...but this remains a weakness.

HOW DO YOU ASSESS YOUR COMPANY'S PERFORMANCE ON THESE 'CAPABILITY TO CHANGE' ENABLERS?



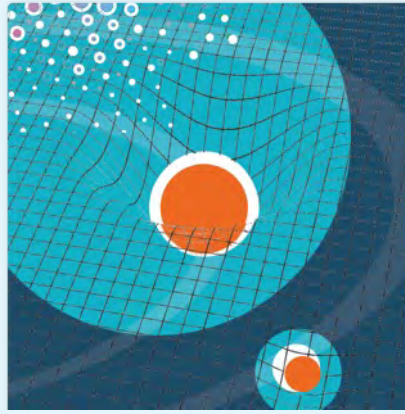
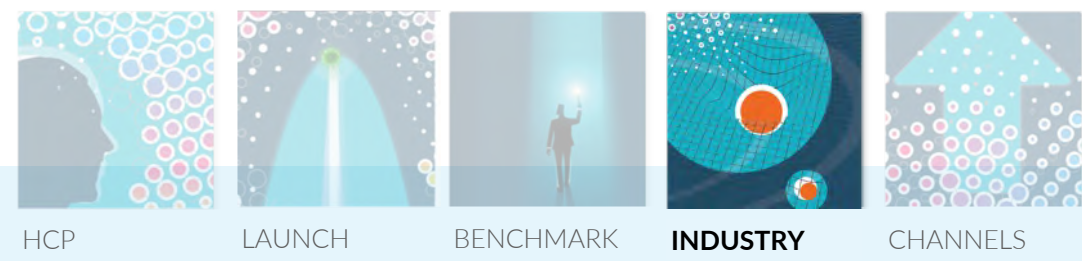
Totals of Extremely positive and Positive are averaged across all drivers

HOW DO YOU ASSESS YOUR COMPANY'S PERFORMANCE ON THESE 'CONCRETE FIRST STEP' DRIVERS?



Totals of Extremely positive and Positive are averaged to arrive at the index score.

Source: Maturometer™ 2023, EU Biopharma (n=217)



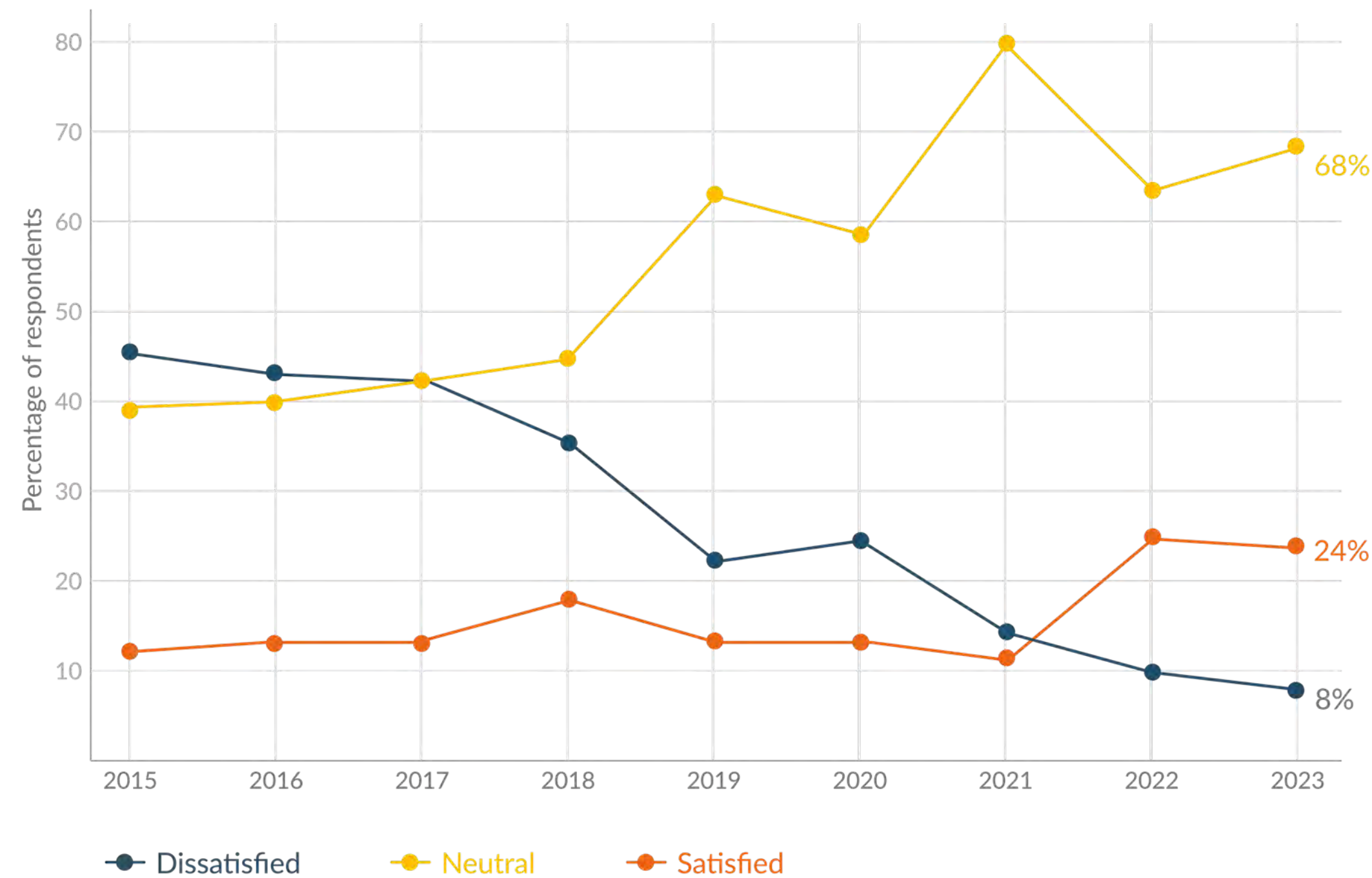
BIOPHARMA SATISFACTION WITH ITS OWN DIGITAL EFFORTS IS PLATEAUING...

After a boost in 2022, pharma staff satisfaction with their own current digital activities appears to be plateauing already – only 1 in 4 is satisfied. The segment of dissatisfied respondents has been declining since 2016 to an almost negligible 8% in 2023, but over three-quarters remain unconvinced either way.

...EVEN AS SHARE OF BUDGET HITS AN ALL-TIME HIGH

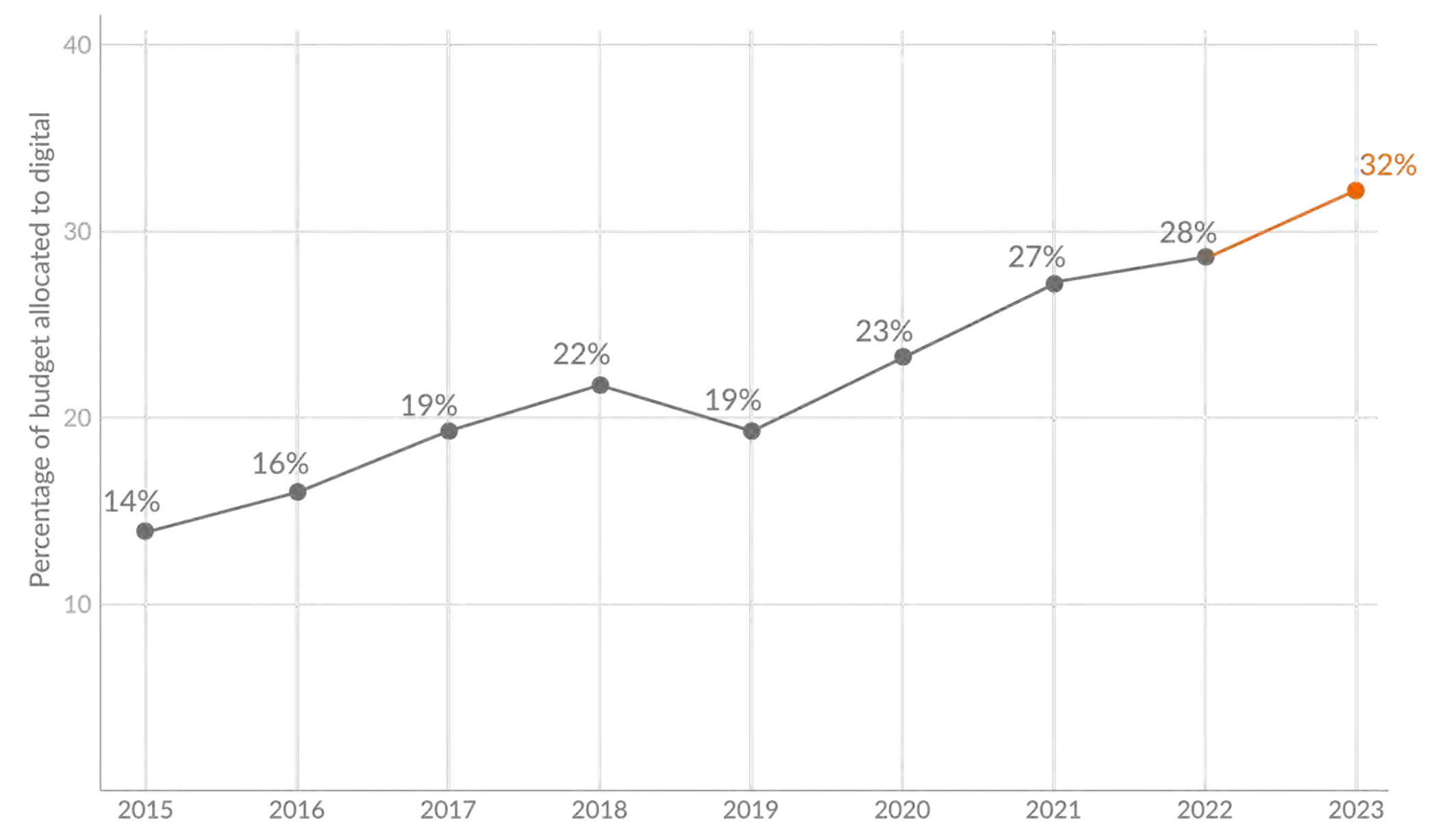
Despite digital's share of budget increasing to an all-time high of almost a third, this figure remains notably lower than the approximately 50% that B2B industries allocate to digital. So while the year-on-year increase points to a continued belief in omnichannel investment, the discrepancy vis-à-vis the B2B industry suggests that the budget allocated to digital efforts might not be sufficient to achieve the desired customer impact (as the plateauing HCP satisfaction we saw earlier would seem to suggest). This confirms there is still significant room for improvement. Perhaps budgets are partly spent on the wrong things, at the expense of key success factors like customer insights, channel mix, measurement, skills etc?

Q: How satisfied are you with your current digital/omnichannel activities?

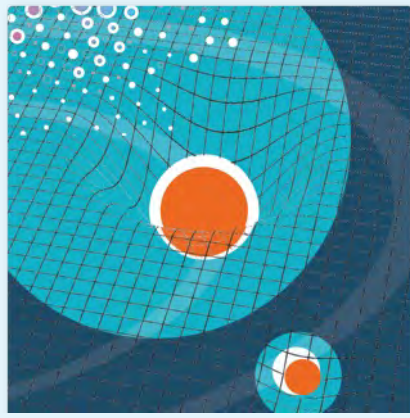


Source: Maturometer™ 2023, EU Biopharma (n=217)

Q: What percentage of this year's marketing budget was allocated to digital initiatives?



Source: Maturometer™ 2023, EU Biopharma (n=217)

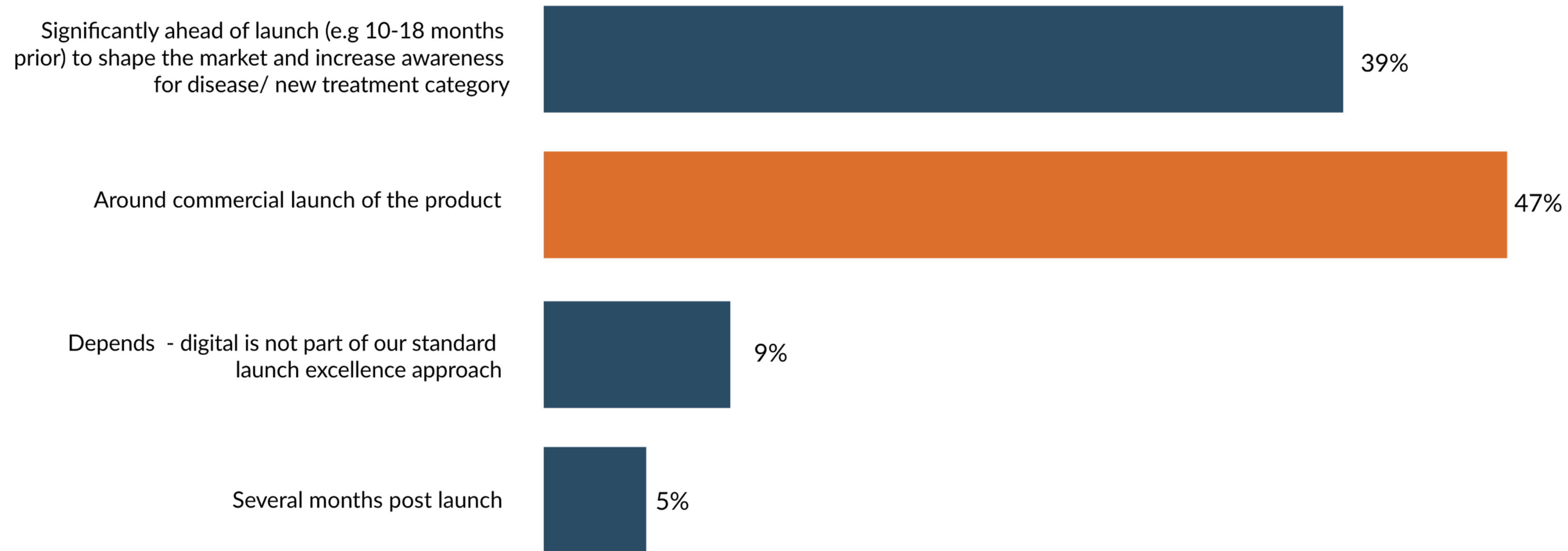


HIGHLIGHT

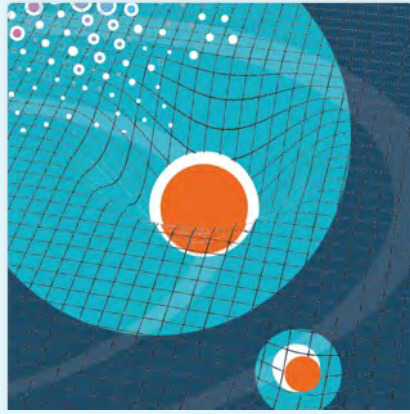
FEWER THAN 40% OF EUROPEAN BIOPHARMA COMPANIES INITIATE THEIR DIGITAL ACTIVITIES SIGNIFICANTLY AHEAD OF LAUNCH

Despite the critical importance of the pre-launch window (with around a third of specialists interested in engaging with biopharma at this early stage), only 39% of European biopharma respondents say they start their digital activities significantly ahead of launch. In addition, starting the planning early does not imply that actual omnichannel touchpoints already occur well before launch... indeed, omnichannel engagement planning would need to start even earlier in order to be ready to reach customers in the pre-launch phase.

Q: When does your company normally start with digital activities to support the launch of a product?



Source: Maturometer™ 2023, EU Biopharma (n=155)

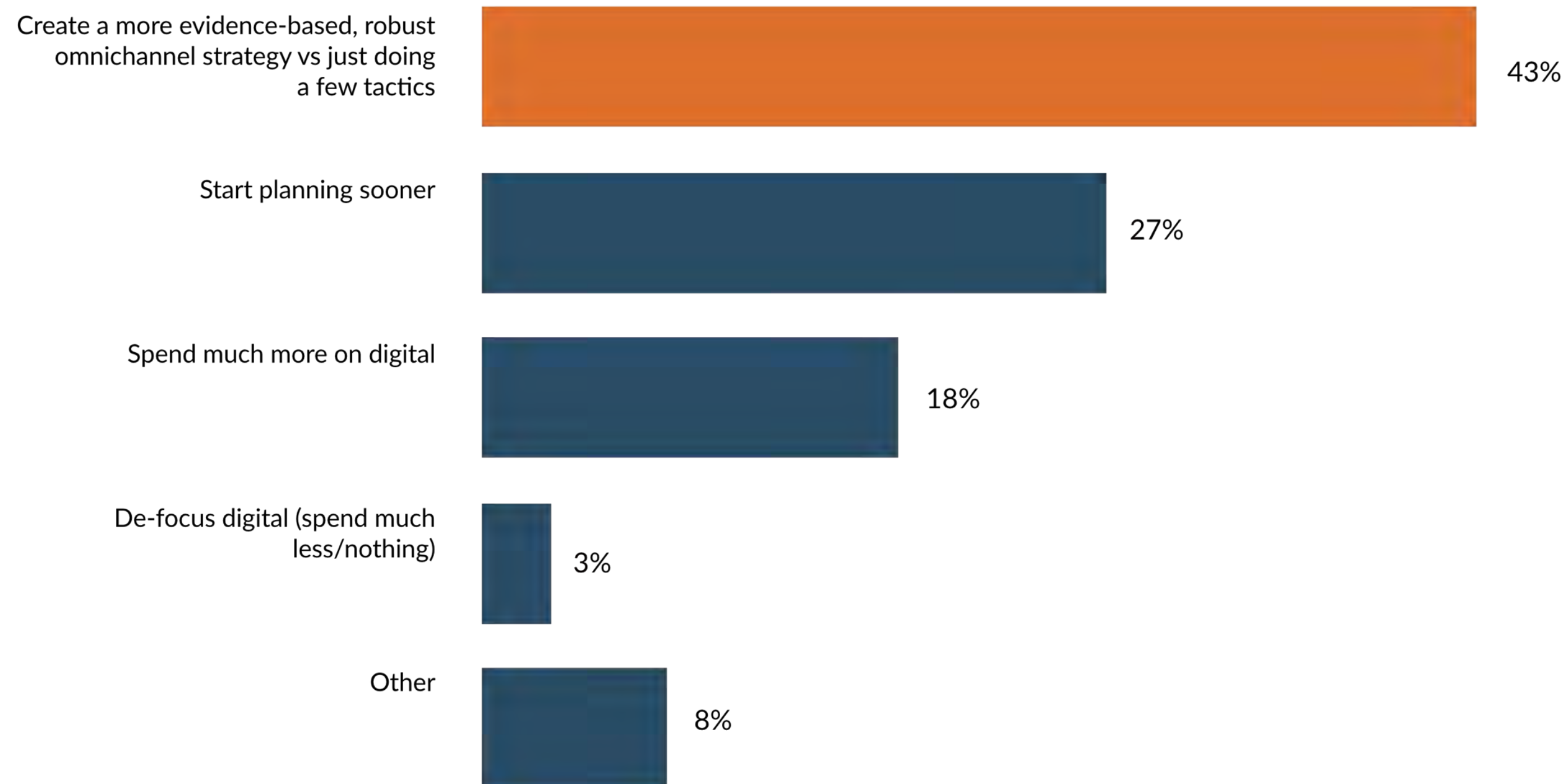


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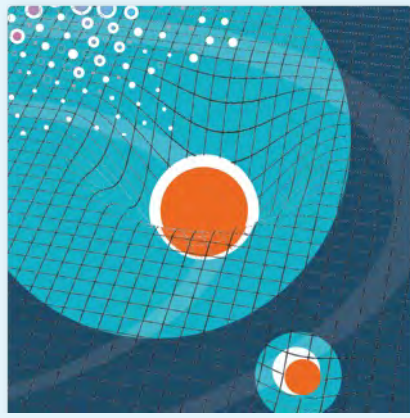
BIOPHARMA PLANS TO LISTEN MORE TO WHAT THEIR CUSTOMERS WANT AT LAUNCH

As biopharma continues to see omnichannel mix planning as a key challenge, leveraging fresh evidence-based customer trends is key to success for any phase in the product lifecycle – and even more so in the critical peri-launch phase. What is reassuring is that 43% plan to utilize customer channel affinity research to inform their future planning, while the second and third focus areas “start planning sooner” and “spend more on digital” should come as no surprise in view of the earlier Navigator365™ Core launch insights.

Q: What do you plan to do differently for your next launch?



Source: Maturometer™ 2023, EU Biopharma (n=155)



HIGHLIGHT

WHILE OVERALL DIGITAL MARKETING BUDGETS CONTINUE TO RISE, MOST RESPONDENTS SPEND (MUCH) LESS THAN 30% ON DIGITAL IN A LAUNCH CONTEXT

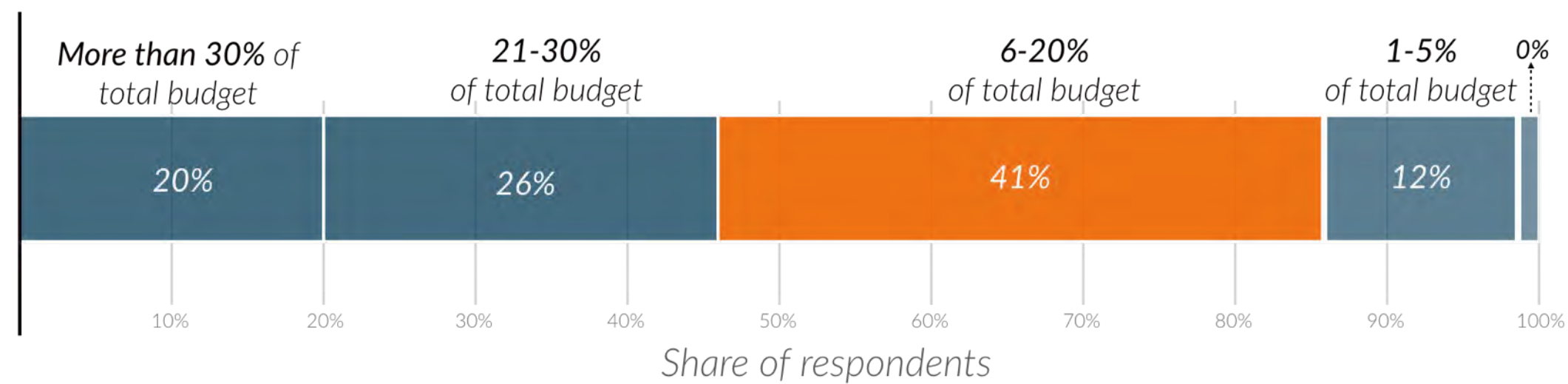
The industry has a significant opportunity to augment its F2F engagements around launch with a robust mix of medical and commercial digital activities – in particular, omnichannel is ideal for data dissemination and disease education prior to launch, with the aim of advancing potential future prescribers on the knowledge ladder before commercial can enter the picture. Yet the importance of this does not seem to be reflected at all in the share of total launch budgets allocated to digital elements – and remains at odds with the trend for larger overall digital spend seen earlier.

HIGHLIGHT

ONLY A THIRD OF NATIONAL/LOCAL TEAMS ARE GETTING RELEVANT DIGITAL LAUNCH SUPPORT FROM HQ

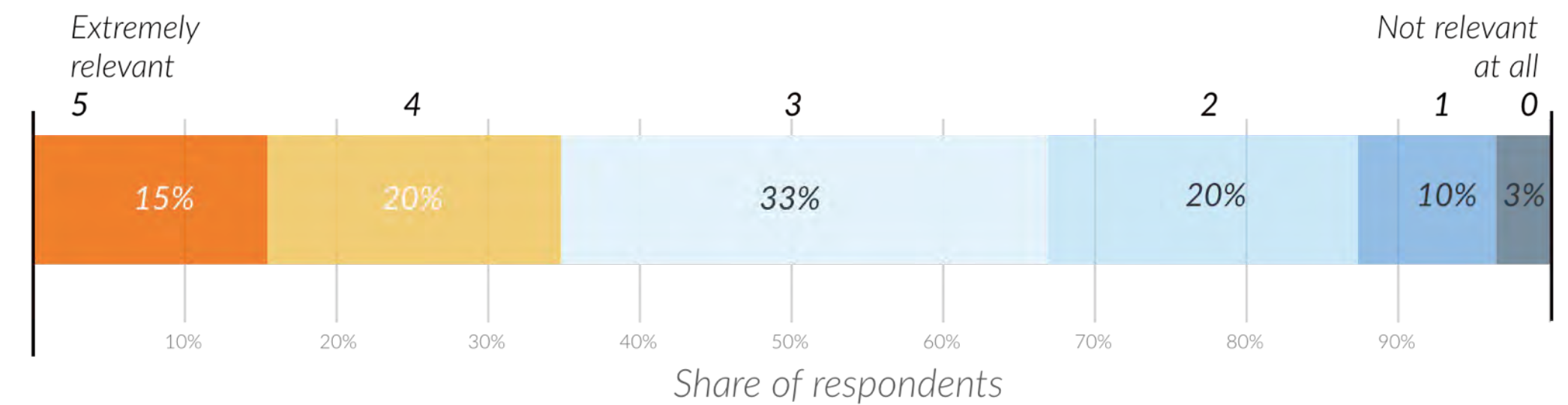
Our data show that very little of the digital content provided by Global/Regional is being leveraged by local markets (less than 20% say they utilize at least half of digital content from HQ – *data not shown here*). So it is perhaps no surprise to learn that, when it comes to digital support for launches, only 35% of respondents view the support they get from Global as relevant to their local market. Hopefully the plans for an earlier, strongly integrated cocreation of assets and campaigns will be reflected in improved relevance in next year’s survey.

Q: How important is the digital component of your launch brands?

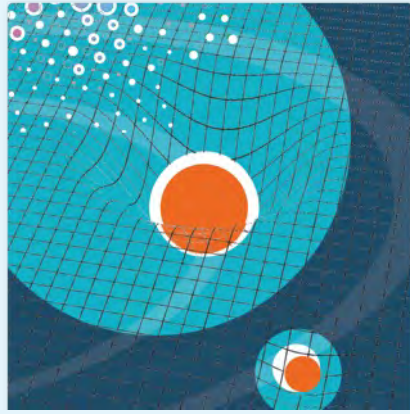


Source: Maturometer™ 2023, EU Biopharma (n=155)

Q: How relevant is the digital launch support from headquarters for your own market?



Source: Maturometer™ 2023, EU Biopharma (n=155)

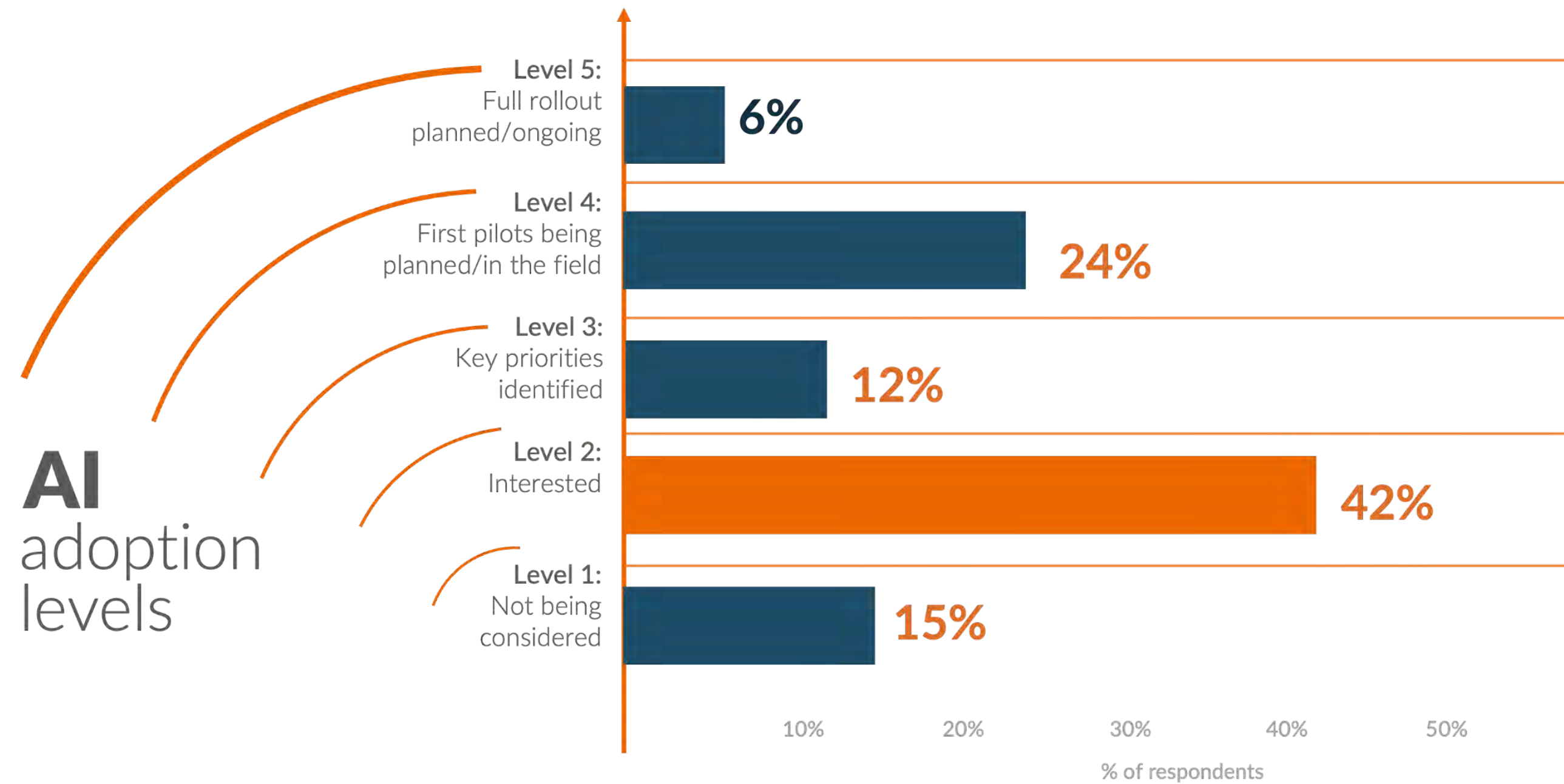


HIGHLIGHT

WHAT'S BIOPHARMA'S LEVEL OF INTEREST IN AI?

When asked “What’s the current level of adoption of AI in your company’s customer engagement efforts?” only 15% of European biopharma respondents reported no interest at all in AI in their organization. In fact, the data indicate a strong inclination to incorporate AI in customer engagement efforts – though so far just under a third have progressed as far as pilots and beyond. Of these 30%, only 6% state that their AI initiatives are fully underway, with the remaining 24% having pilots either already in the field or still in the planning stage.

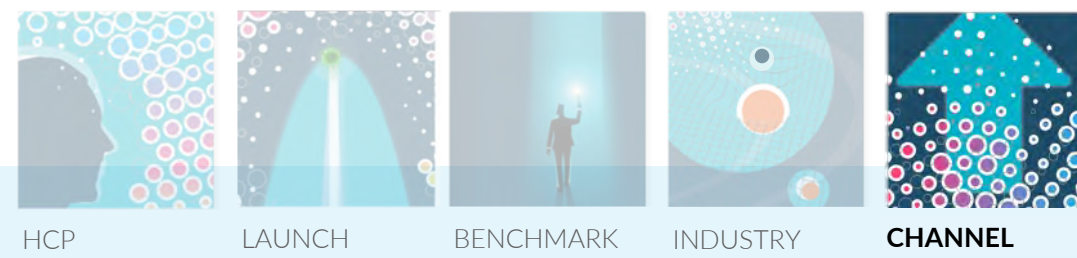
? What’s the current level of adoption of AI in your company’s customer engagement efforts?



Source: Maturometer™ 2023, EU Biopharma (n=217)

5. CHANNEL metrics

POWERED BY  Navigator365™ Core

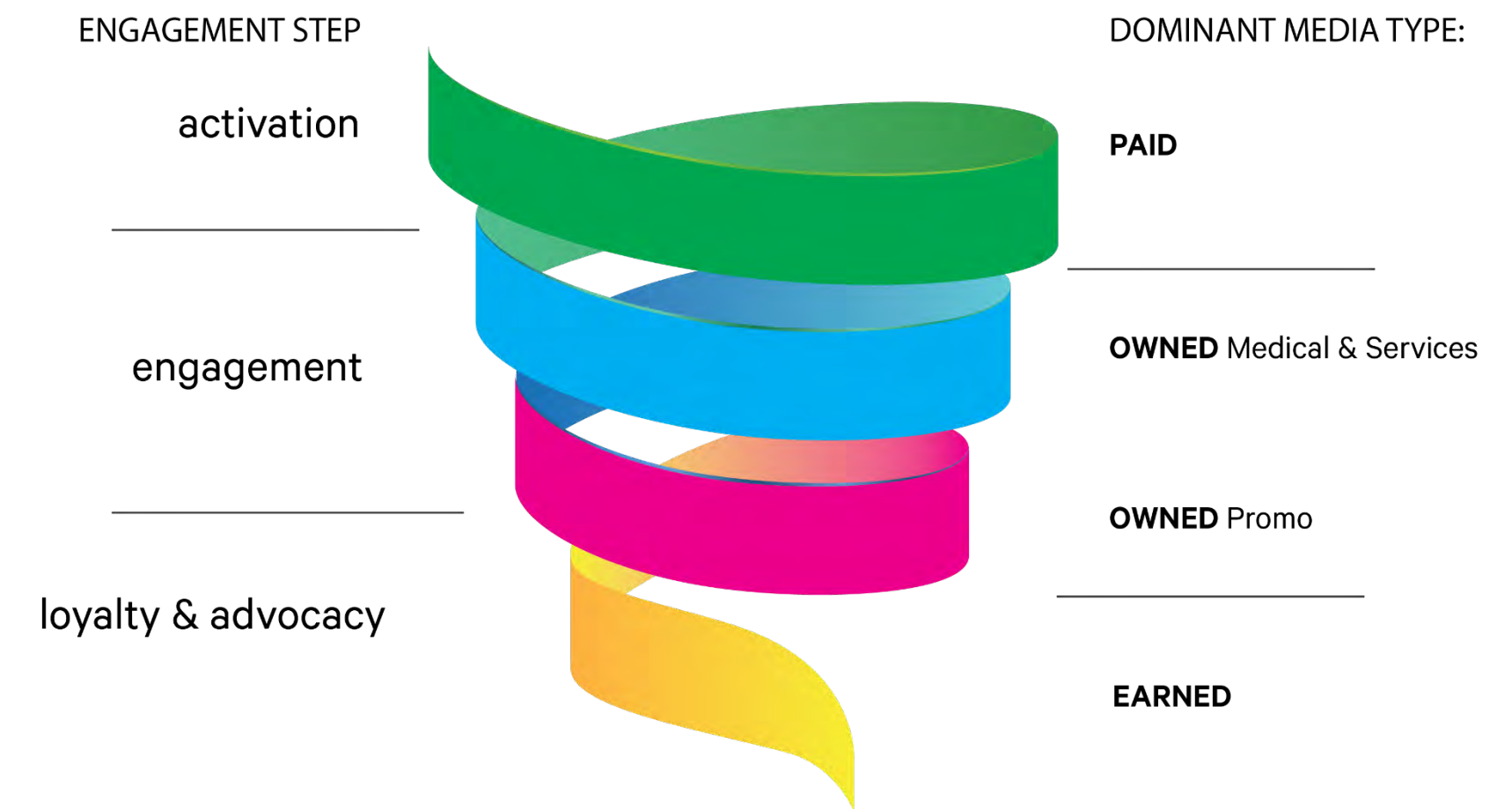
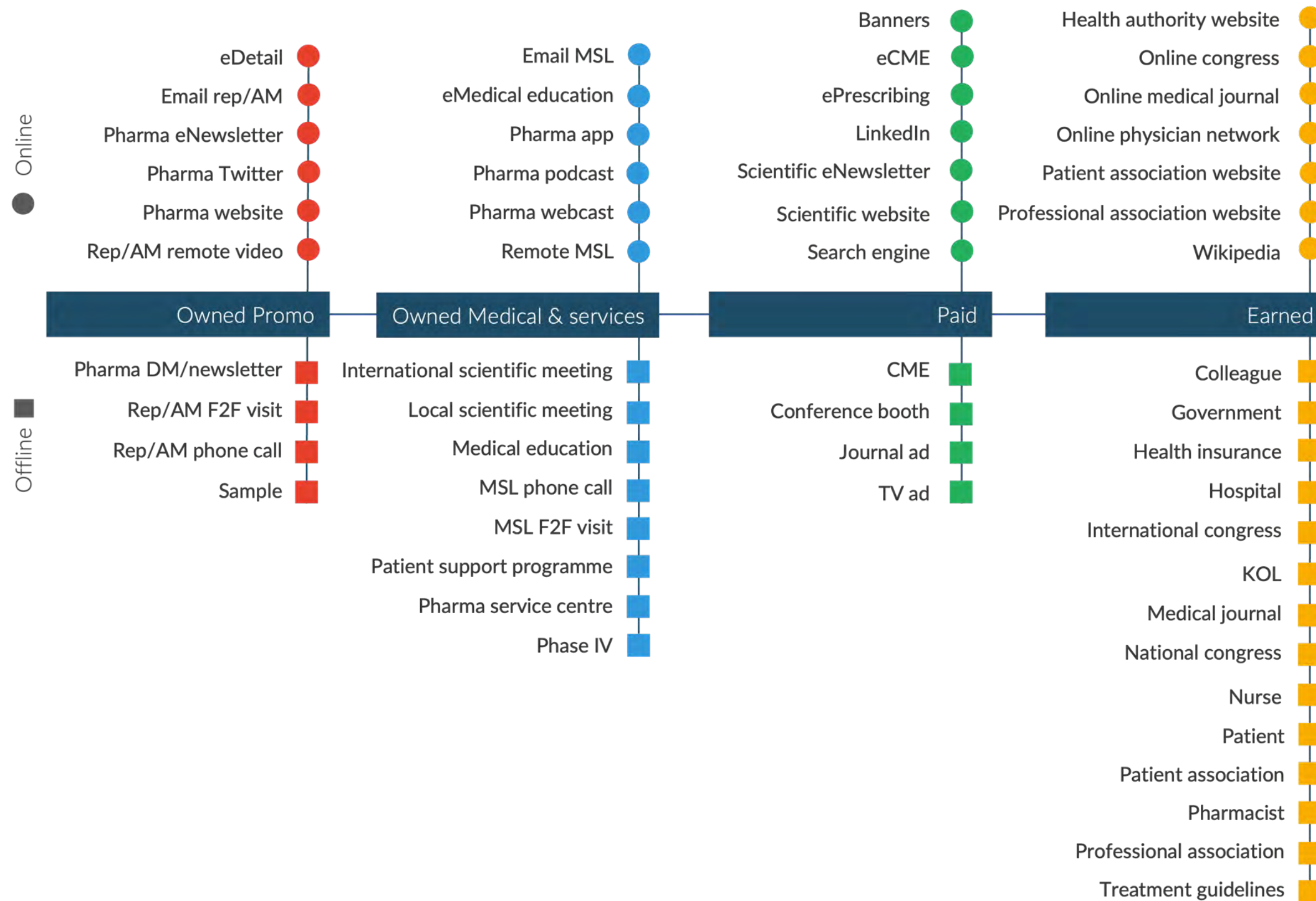


ACROSS HEALTH NAVIGATOR365™ CORE

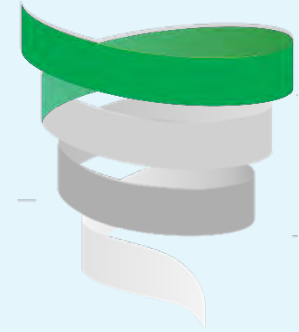
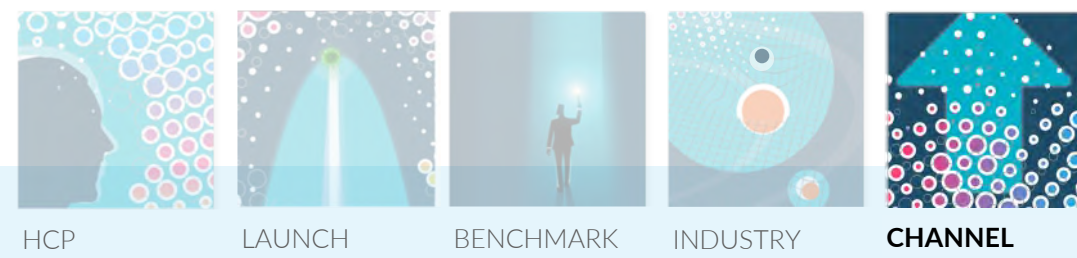
Channels come in many shapes and forms: push-pull, online-offline, social, mobile, etc... Forrester created an insightful framework, where channels are categorized as either owned, paid, or earned. Navigator365™ Core leverages this framework, translates it to the pharma context and adds key offline channels to the digital set, making this a second-to-none omnichannel research in life sciences. Since the research began in 2013, over 65,000 HCPs have been surveyed.

CHANNEL metrics

The 50+ channels include:

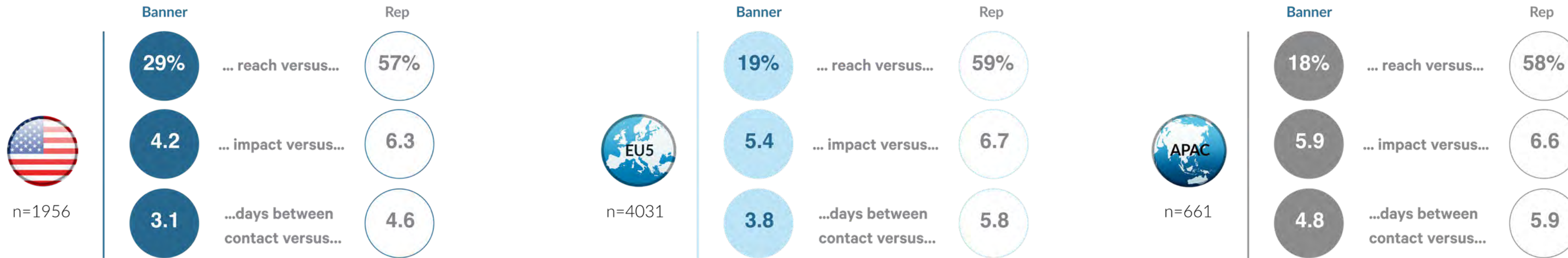


Channel – and content – types can be more or less aligned with stages in the customer journey, although several channels can be leveraged across more than one stage – take, for instance, the pharma website, which can be instrumental in the activation, engagement and loyalty & advocacy stages.

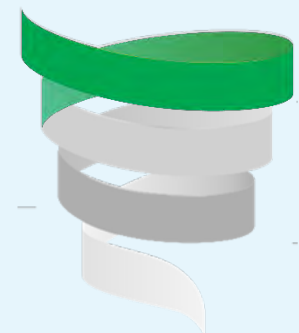


DISPLAY (BANNER) ADVERTISING

Using sophisticated targeting methods, display advertising continues to be of relevance when fully integrated into your overall customer engagement strategy. The data show that the impact of banner advertising is higher among European and APAC HCPs, where reach is lowest. The US shows the exact opposite, with the lowest impact among the three regions – perhaps not surprising considering the sheer volume of biopharmaceutical advertising in this market.

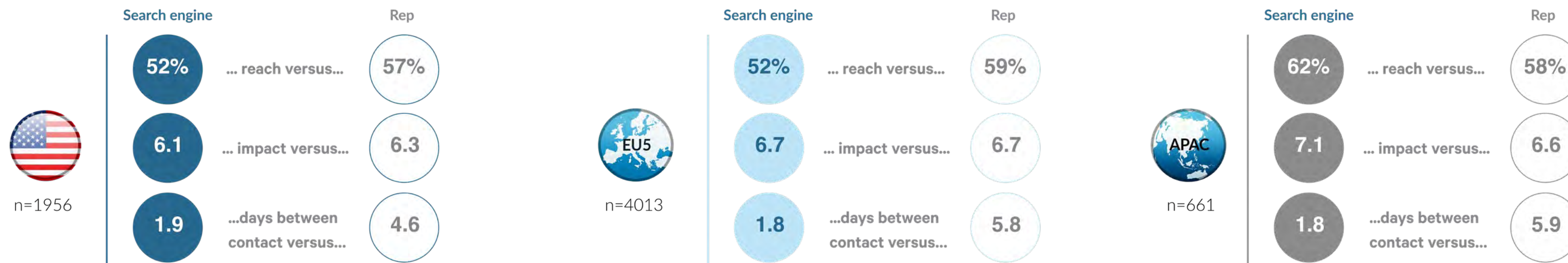


Source: Navigator365™ Core, all specialists, 2023

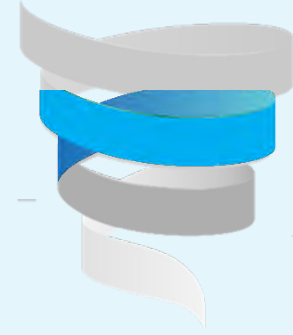


SEARCH ENGINE MARKETING

With search engine marketing, you need to make sure you can be found – because if you can't be found, you may just as well not exist! Perhaps unsurprising for a very online market, reach is highest among APAC HCPs – this is the only region where this channel has a higher reach (and impact) than the rep – while frequency is identical between the three regions.

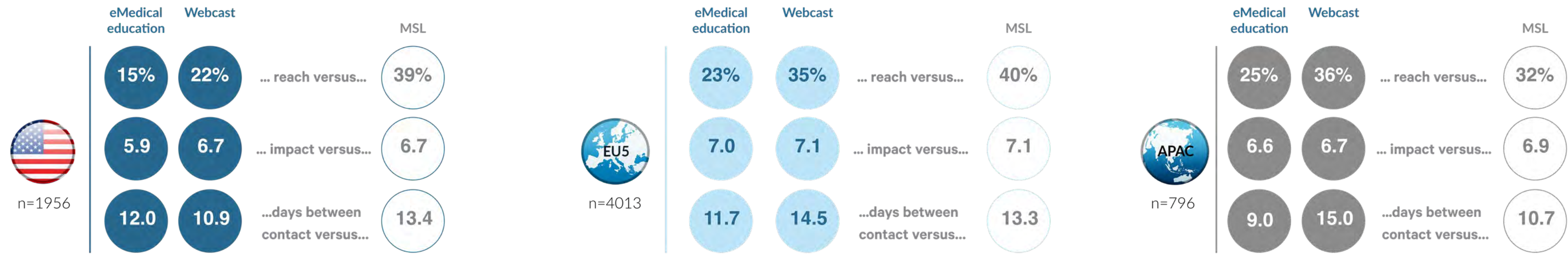


Source: Navigator365™ Core, all specialists, 2023

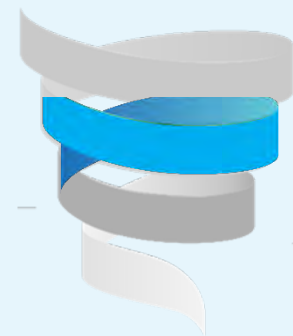


EMEDICAL

Leading biopharma companies continue to increase their investment in eMedical channels, such as eMedical education and webcasts, resulting in higher reach and impact. As medical content lends itself very well to digitization and personalization, this trend will continue, and physicians will increasingly favour companies that offer them a strong omnichannel medical experience.

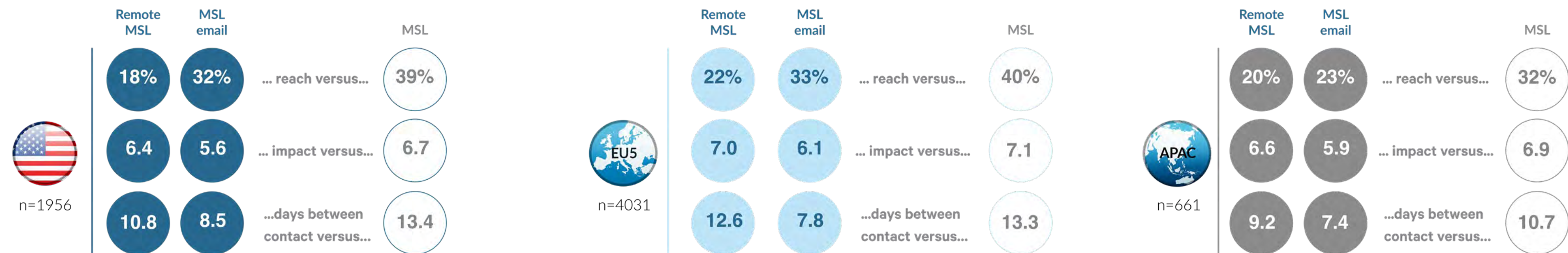


Source: Navigator365™ Core, all specialists, 2023

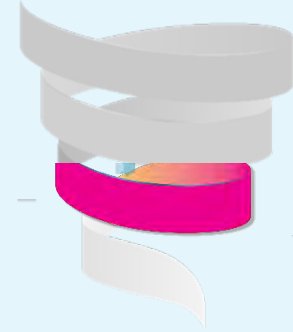


OMNICHANNEL MSL

MSLs provide a critical service to HCPs and thought leaders, in terms of data dissemination and advanced education – and smart integration of digital channels within the mix enables MSLs to focus their in-person visits where they really matter.

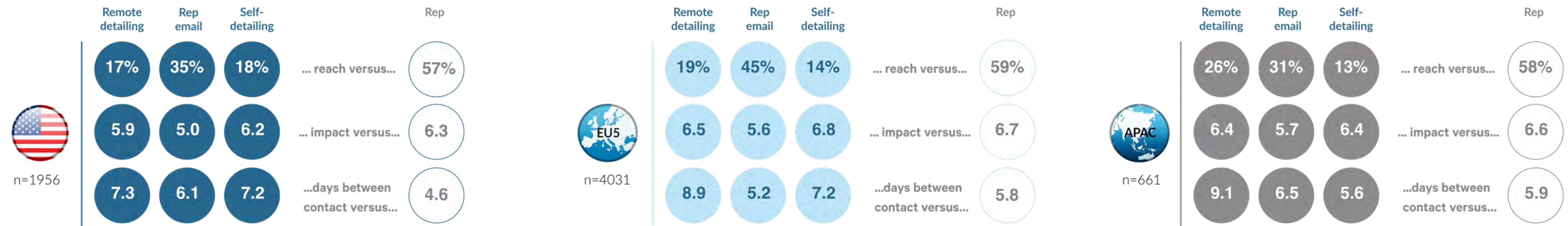


Source: Navigator365™ Core, all specialists, 2023

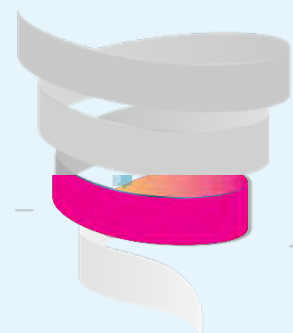


OMNICHANNEL REP

Omnichannel rep engagement can lead to increased efficiency and effectiveness for biopharma, as well as a superior customer experience. Nevertheless, despite the high impact scores that are almost comparable to in-person visits, remote detailing has not gained further traction post-pandemic, as the relatively low reach numbers indicate (APAC performing slightly better here). Conversely, rep email has a higher reach but a lower impact. Finally, the combination of rep email and the age-old self-detailing channel can be a great alternative to remote or F2F engagement, but remains significantly underleveraged.

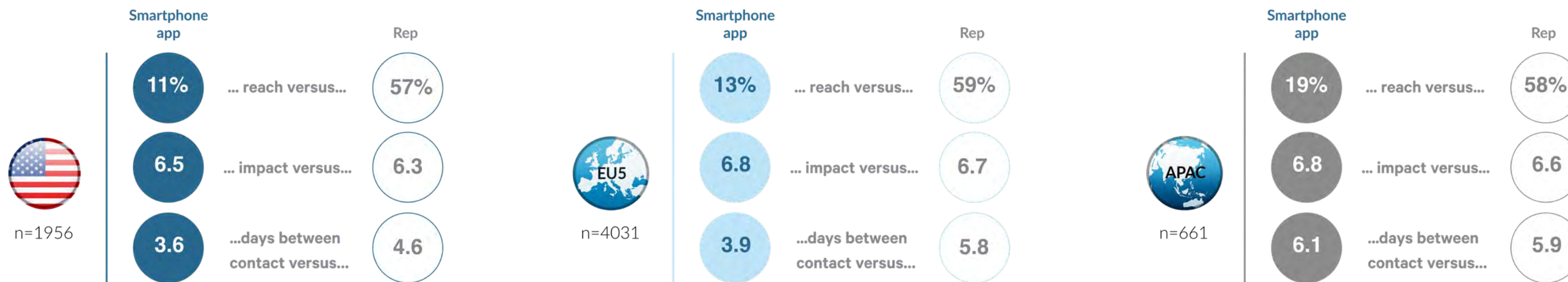


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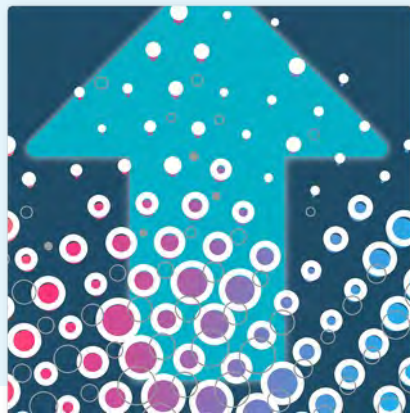


MOBILE ENGAGEMENT

With few companies having adopted a 'mobile-first' strategy, there's still ample opportunity to take advantage of the full mobile spectrum. The potential benefits are enormous as mobile activities continue to evolve and hold the potential to change almost every part of the biopharma industry they touch. Nevertheless, fewer than 20% of HCPs are exposed to pharma-owned mobile apps (APAC, renowned as a 'mobile first' region, is where this channel seems to be making the most progress, albeit with lower frequency). Importantly, for these relatively small but engaged HCP audiences, the impact of this channel is remarkably similar across all four markets – and higher than the rep.

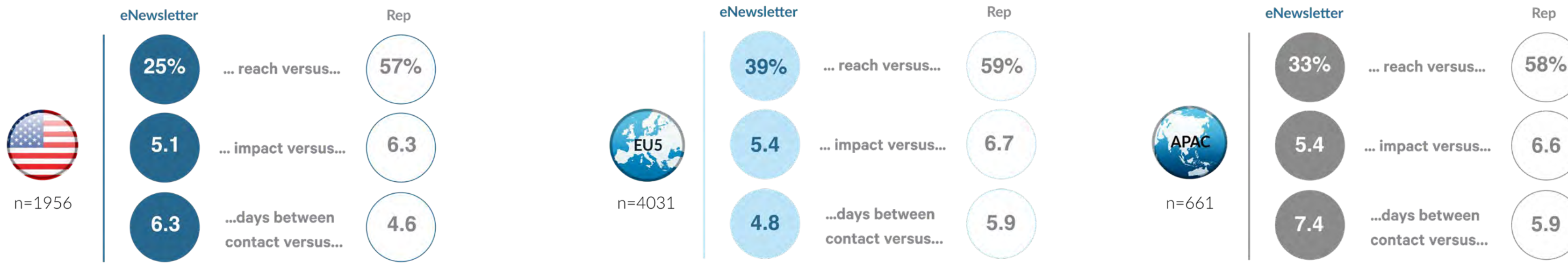


Source: Navigator365™ Core, all specialists, 2023



EMAIL ENGAGEMENT

Email is an essential part of every company's communication mix. Next to rep and MSL email (see previous pages), biopharma also leverages eNewsletters (the owned channel – in addition to 3rd-party eNewsletters). This channel tends to be owned by marketing (or, increasingly, medical) and has a similar impact as rep email (but lower vs MSL email). At the same time, reach tends to be lower, particularly in the US. Getting the balance right between the different types of email and offline communications remains a challenge in a truly customer-oriented, omnichannel world.

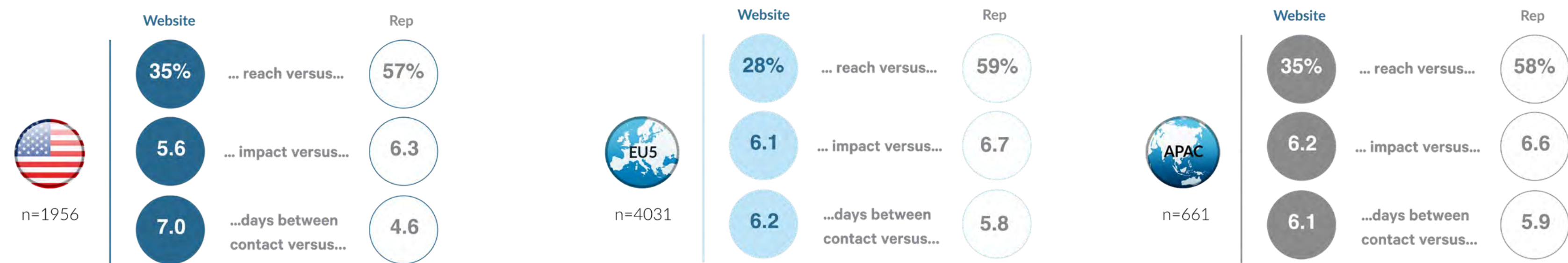


Source: Navigator365™ Core, all specialists, 2023

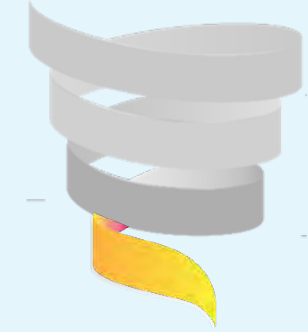
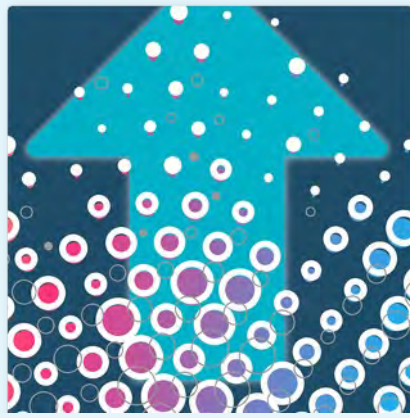


WEBSITE ENGAGEMENT

The website should be the heart of any omnichannel strategy – the hub to which all other engagement activities throughout the customer journey are linked. Nevertheless, reach and impact remain much and somewhat lower, respectively, than the rep (in most B2B industries, these two metrics are higher). Hence, there is still a lot of opportunity to tap into this key channel in biopharma... across all regions. A truly self-service platform where medical, commercial, customer service and access come together remains rare in biopharma, but is clearly the future.

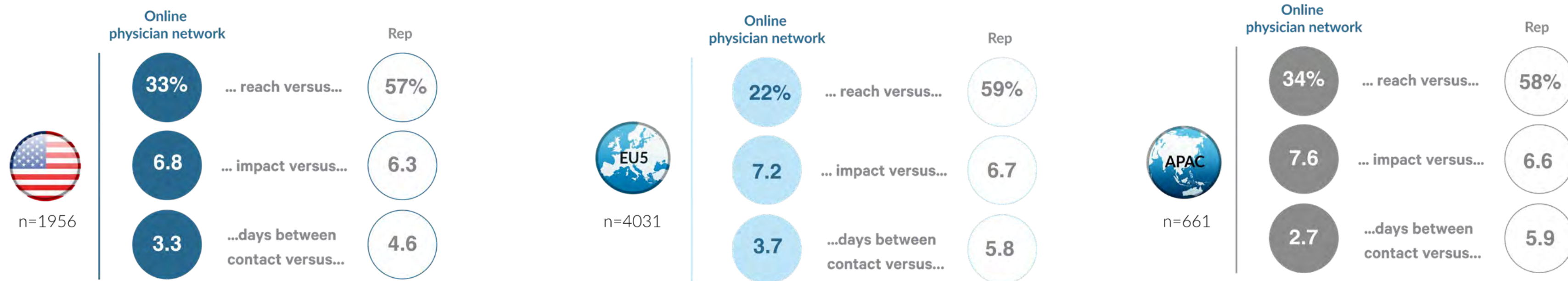


Source: Navigator365™ Core, all specialists, 2023



SOCIAL MEDIA ENGAGEMENT (ONLINE PHYSICIAN NETWORKS)

While traditional marketing tactics are mostly one-way, social media marketing can be two-way. Like most earned channels, the impact of the online physician network is high and surpasses that of the rep across all three markets, but particularly so in APAC, where this channel carries a lot of influence when it comes to HCPs' clinical decision making.



Source: Navigator365™ Core, all specialists, 2023

How we
can help you

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PRODUCTS

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About
ACROSS HEALTH

Across Health offers **end-to-end omnichannel consulting services – built on a robust evidence base – to boost your customer engagement**



a precision value & health team

Discover how **our strategic consulting services** can help you develop a dynamic and executable omnichannel customer engagement strategy **that puts the customer at the centre of every interaction.**

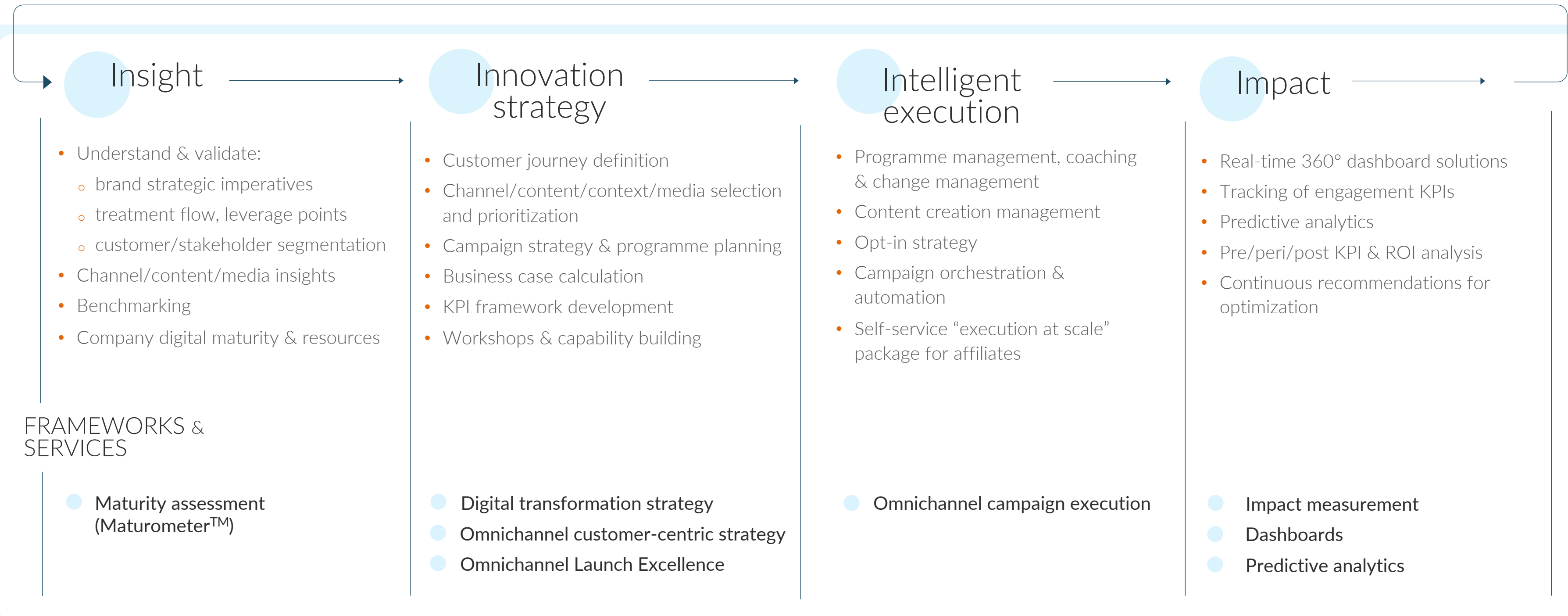


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Co-create your own transformative journey with the support of our expert guidance and exclusive data insights.

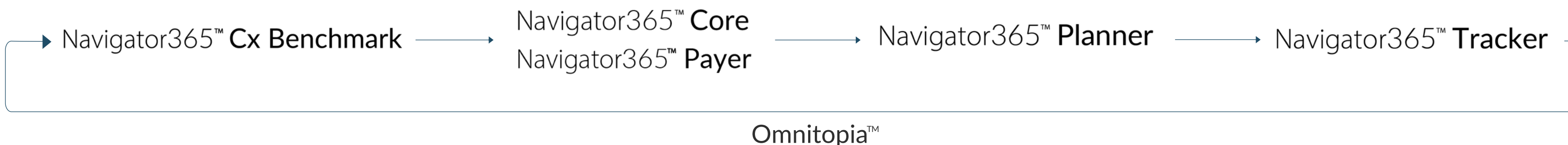


www.across.health/ecosystem



PRODUCTS

Navigator365™





The Navigator365™ platform is the centrepiece of our proprietary data offering. It provides the insights, evidence and tools needed to plan, execute and measure an effective evidence-based omnichannel customer engagement strategy.

- Covers over **50 on- and offline channels** (owned, paid and earned)
- Trusted by more than **50 life science companies** in over **40 countries**



Uniquely actionable research for omnichannel customer engagement & resource optimization

Navigator365™ Core

Navigator365™ Core collates our research on the omnichannel preferences and behaviour of over 65,000 physicians in over 25 therapeutic areas worldwide. These 50 million+ datapoints are utilized by our consultants to substantiate their strategic recommendations, as well as being accessible via a self-service, cloud-based platform through highly interactive tools and reports

For in-depth **benchmarking at the brand level...**

Navigator365™ Cx Benchmark

Benchmark your brand for omnichannel leadership. **Navigator 365™ Cx Benchmark** offers a wealth of actionable benchmarking insights to help you take the right strategic channel and content optimization decisions versus your key competitors - at the brand level.

For an assessment of **omnichannel maturity...**

Maturometer™

An in-house **Maturometer™** assessment allows you to measure and benchmark your company's omnichannel maturity – internally and against our historic database – and prioritize key areas of digital transformation for future progress and competitive advantage.

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Navigator 365™ Payer provides valuable insights to help you navigate the omnichannel payer landscape, in terms of channels, content, media and competition.

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Omnitopia™

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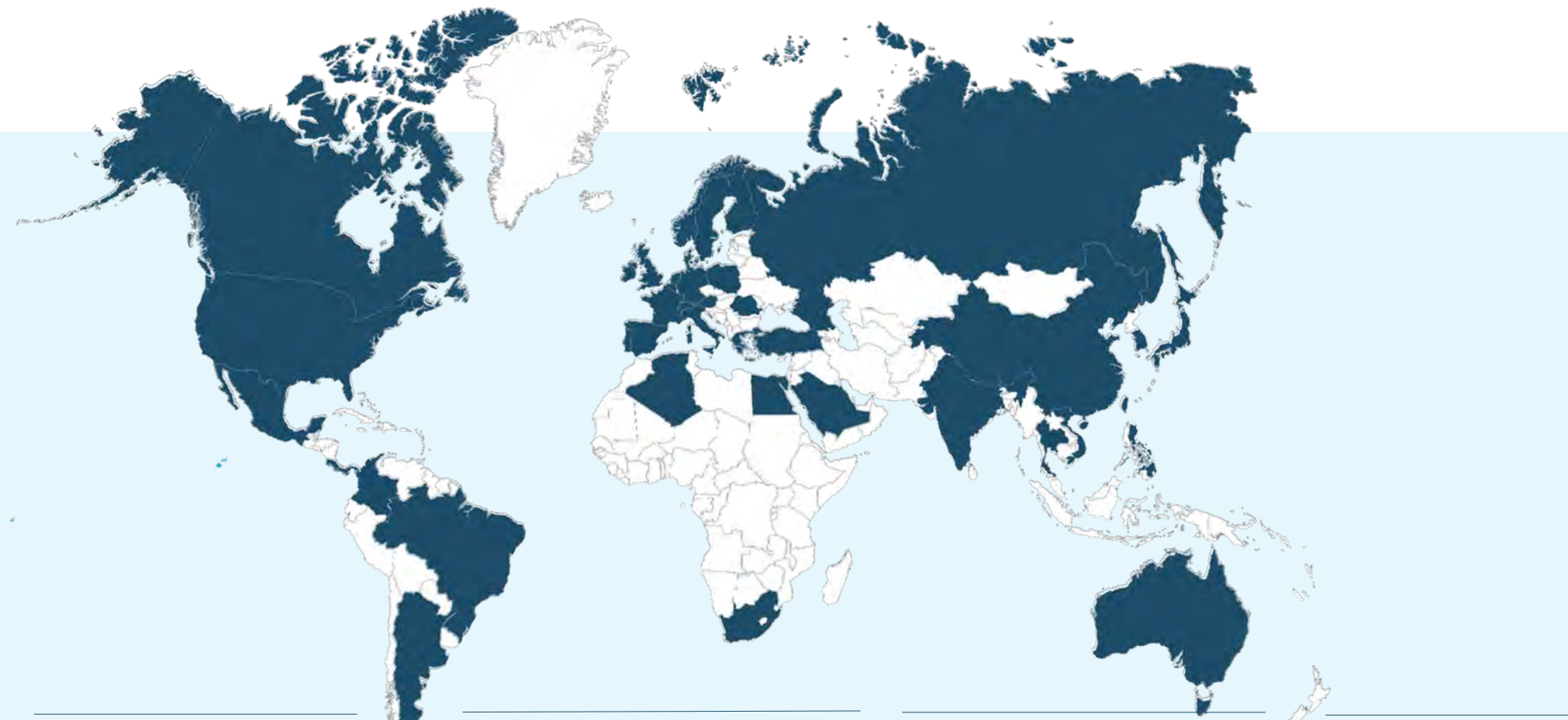
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THERAPEUTIC AREAS*

- CARDIOLOGY
- DERMATOLOGY
- ENDOCRINOLOGY
- GENERAL PRACTICE (GP)
- HEMATOLOGY
- NEUROLOGY
- ONCOLOGY
- PULMONOLOGY
- RHEUMATOLOGY

GEOGRAPHIC MARKETS



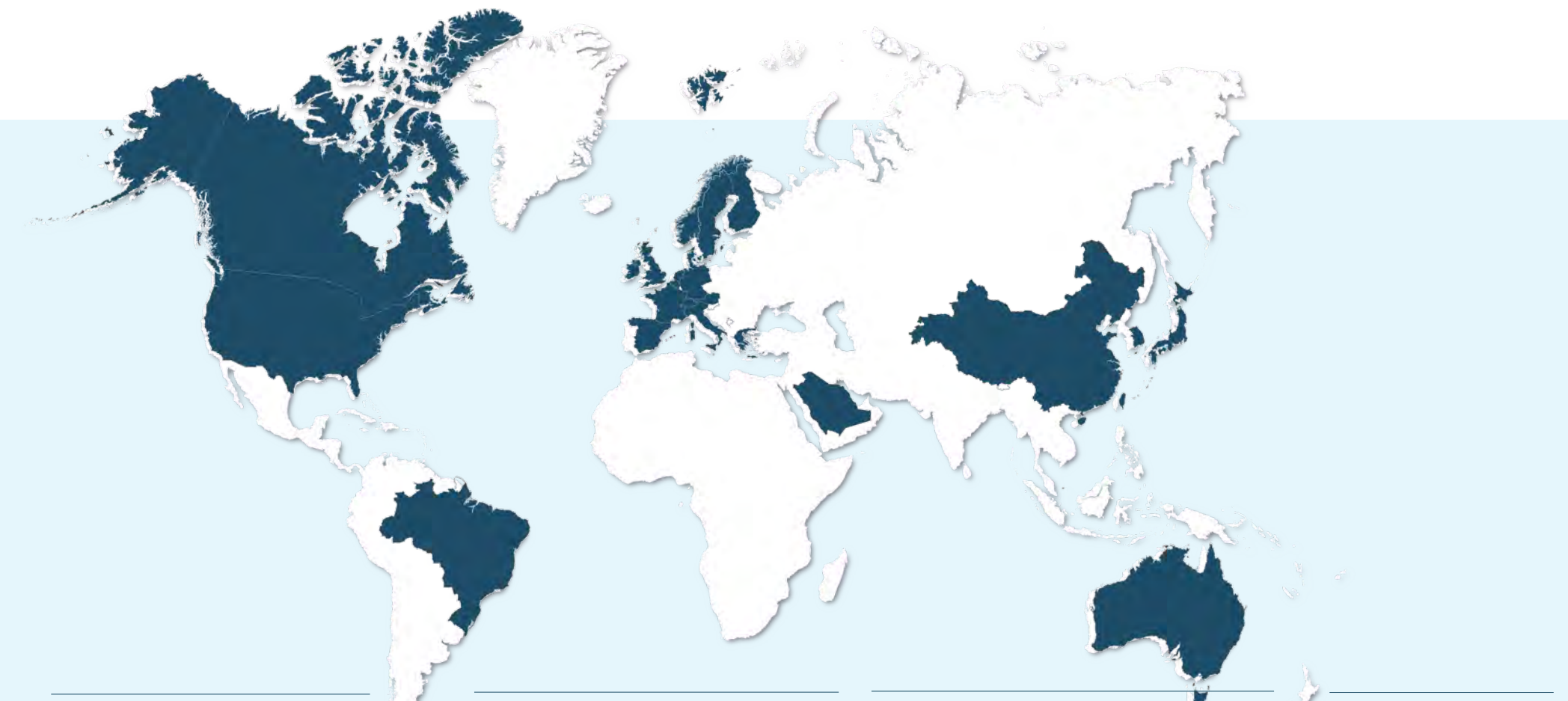
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LATAM	Argentina Brazil CENCA Colombia Mexico				Middle East & Africa	Algeria Egypt Saudi Arabia South Africa			

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INDICATIONS

- ACUTE LEUKEMIA
- ADULT NUTRITION
- ASTHMA
- BIRTH CONTROL & MENOPAUSAL HORMONE THERAPY
- BREAST CANCER
- CF
- CHOLESTEROL
- CHRONIC LEUKEMIA
- CIPD
- COLORECTAL CANCER
- COPD
- DERMOCOSMETICS
- HEART FAILURE
- HIV
- IBD
- LUNG CANCER
- LUPUS
- MIGRAINE
- MS
- OVARIAN CANCER
- POLYCYTHEMIA VERA
- PROSTATE CANCER
- PsA
- PSORIASIS
- RENAL CANCER
- RHEUMATOID ARTHRITIS
- RSV
- SCHIZOPHRENIA
- SMA

GEOGRAPHIC MARKETS



USA & Canada	Canada United States	Europe	Austria Belgium Denmark Finland France Germany Greece Italy	Netherlands Norway Spain Sweden Switzerland UK	Asia	China Japan South Korea Taiwan	Oceania	Australia
LATAM	Brazil				Middle East & Africa	Saudi Arabia		

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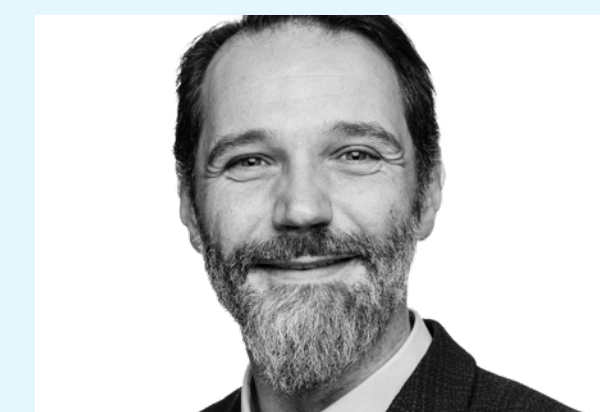
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