

13TH ANNUAL

2022 SAAS SURVEY RESULTS

KBCM TECHNOLOGY GROUP 2022 PRIVATE SAAS 13th ANNUAL COMPANY SURVEY

2022 Private SaaS Company Survey 

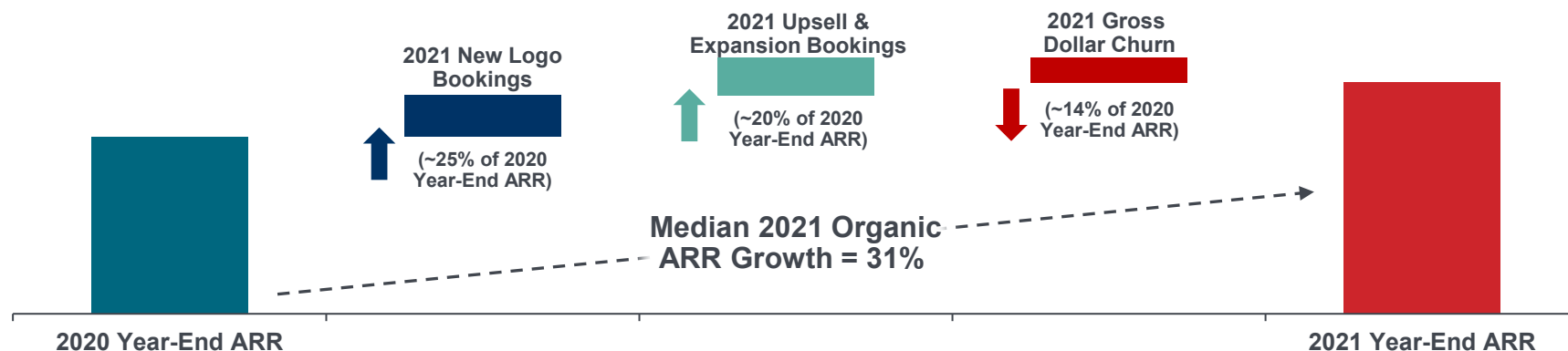
- This report provides an analysis of the results of a survey of private SaaS companies which KBCM Technology Group's software investment banking team conducted in June - August 2022
 - Results include responses from senior executives of over 100 companies, with an emphasis on larger scale companies
- Representative statistics on the survey participants²:
 - \$17.6MM median 2021 Ending ARR¹, with 40 companies >\$25MM
 - Median organic growth in ARR in 2021 was 31%
 - Median employees (FTEs): ~181
 - Median customer count: ~413
 - ~\$40k median initial annual contract value
 - 66% headquartered in the U.S.
- In our 2021 survey, companies with <\$5MM ending ARR comprised nearly 40% of our total respondents compared to just 22% in 2022

Valuation ²	Growth Forecasts ²	Exit Expectations ²	
6.1x Median Multiple of ARR <i>in capital raise or change of control event since Jan. 2021</i> see Slide 62 for results	36% Median 2022E Organic ARR Growth Forecast <i>Compared to 31% in 2021A</i> see Slide 17 for results	Exit	'21 Median Growth Rate
		Public Listing	56%
		Sponsor Acquisition	22%
		Strategic Acquisition	25%
		Uncertain	24%
		see Slide 65 for results	

SUMMARY VIEW OF MEDIAN 2021 SAAS METRICS PERFORMANCE

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2021 Ending ARR



Customer Acquisition Costs

Median CAC Ratios ¹	2020	2021
Blended CAC Ratio Fully-loaded S&M spend to acquire \$1 of new ARR across all customers	\$1.20	\$1.20
New Customer CAC Ratio Fully-loaded S&M spend to acquire \$1 of new ARR from a new customer	\$1.67	\$1.78
Existing Customer CAC Ratio Fully-loaded S&M spend to acquire \$1 of ARR from upsells and expansions	\$0.63	\$0.61

Margin Profile

Median Margins ²	2020	2021
Subscription Gross Margin	80%	77%
Total Gross Margin³	73%	73%
Sales & Marketing as a % of Revenue	35%	40%
Free Cash Flow Margin	0%	(5%)

¹ Excluding companies with less than \$5M of S&M spend

² All margins based on 2021 GAAP revenue, adjusted for stock-based compensation add-back

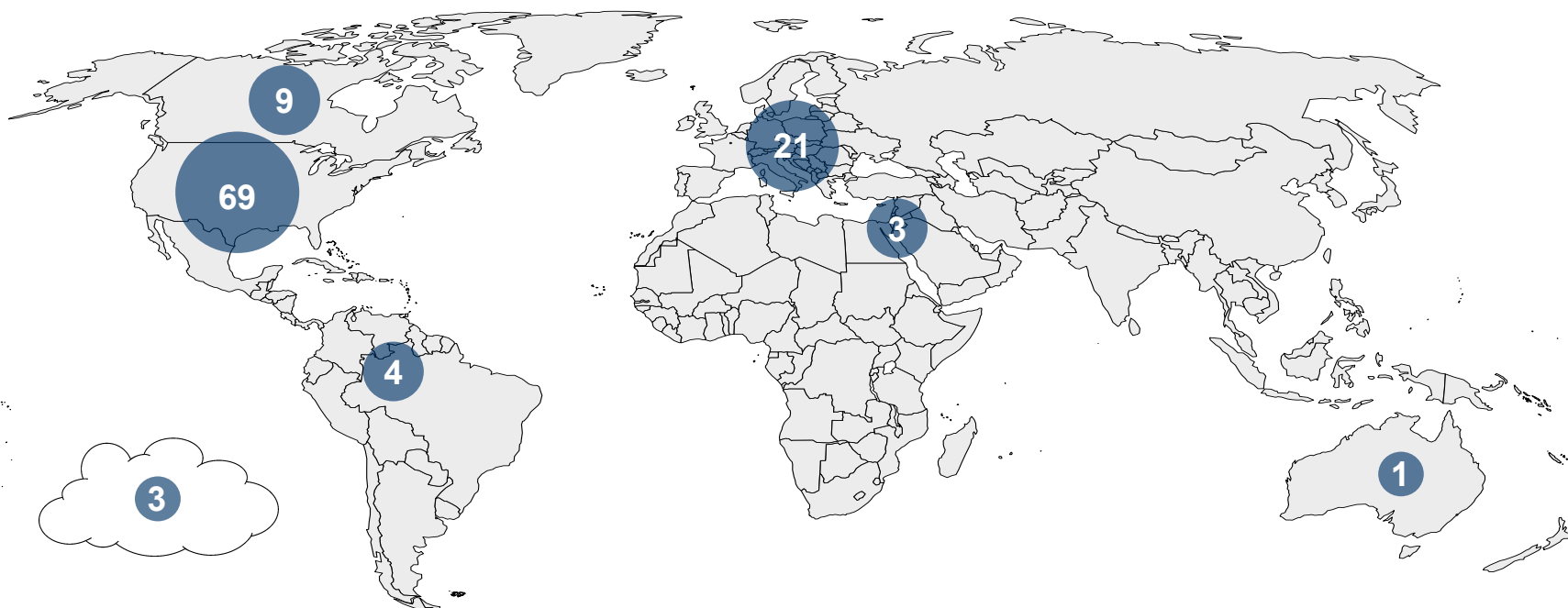
³ Gross margin determined based on including customer support in COGS

Respondents: Median 2021 Organic ARR Growth: 78, 2021 New Logo Bookings: 78, 2021 Upsell Bookings: 78, 2021 Gross Dollar Churn: 78, Customer Acquisition Costs: 72

SURVEY PARTICIPANT COMPOSITION

SURVEY PARTICIPANT GEOGRAPHY (HQ)

2022 Private SaaS Company Survey 



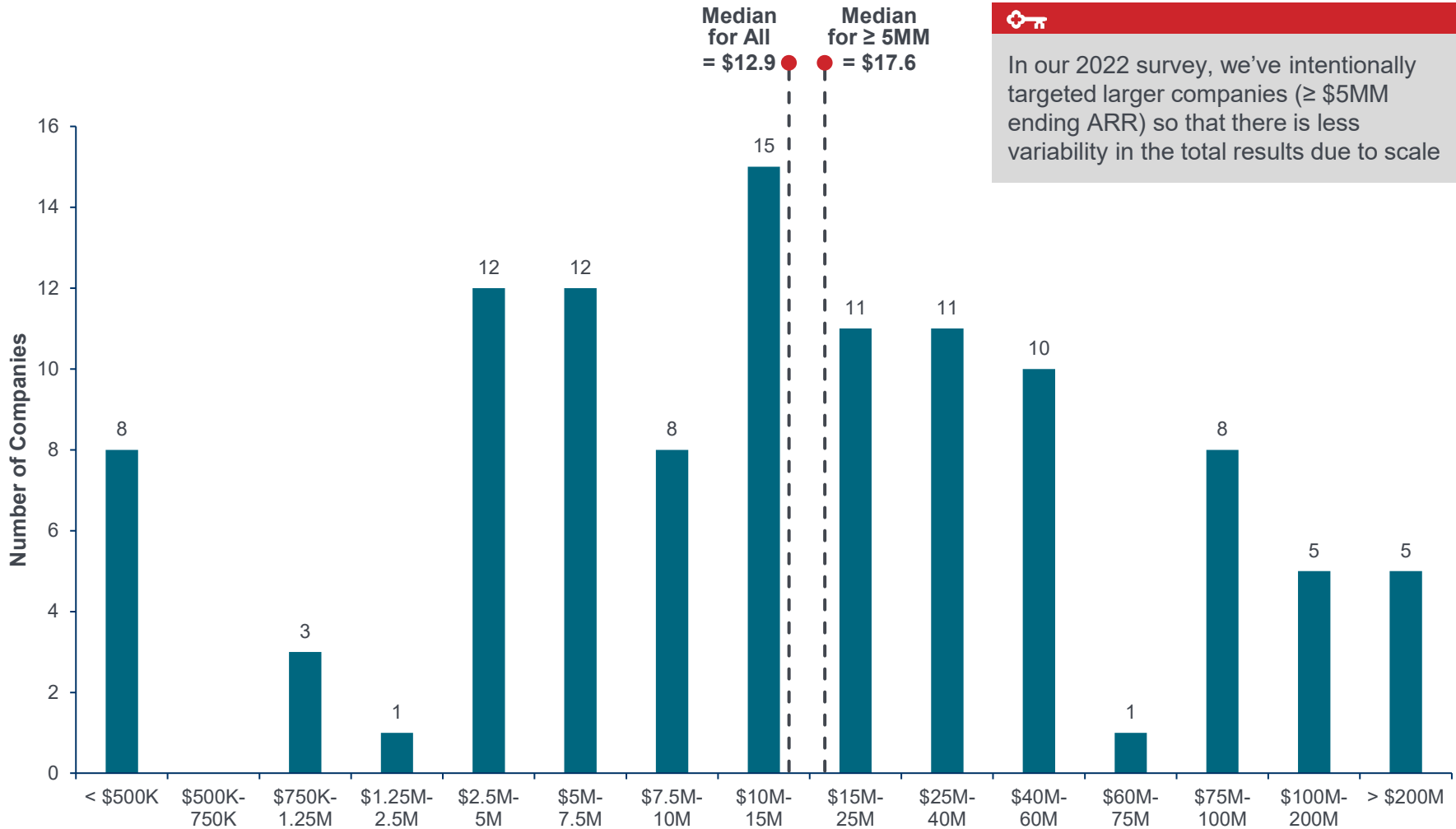
Global	# of Companies	Median 2021 Ending ARR (\$ in MM)	Median 2021 Organic Growth Rate	% of Revenue: Home Region / North America / RoW)
U.S.	69	\$15.0	28%	85% / 5% / 10%
Europe	21	10.6	34%	50% / 30% / 20%
Canada	9	10.8	29%	86% / 4% / 10%
Latin America	4	8.0	46%	98% / 1% / 1%
Israel	3	59.3	48%	54% / 23% / 23%
Virtual	3	52.0	74%	- / 100% / -
Australia/New Zealand	1	1.0	-	- / - / -

TOTAL	110	\$12.9	32%
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PARTICIPANTS BY ENDING ARR

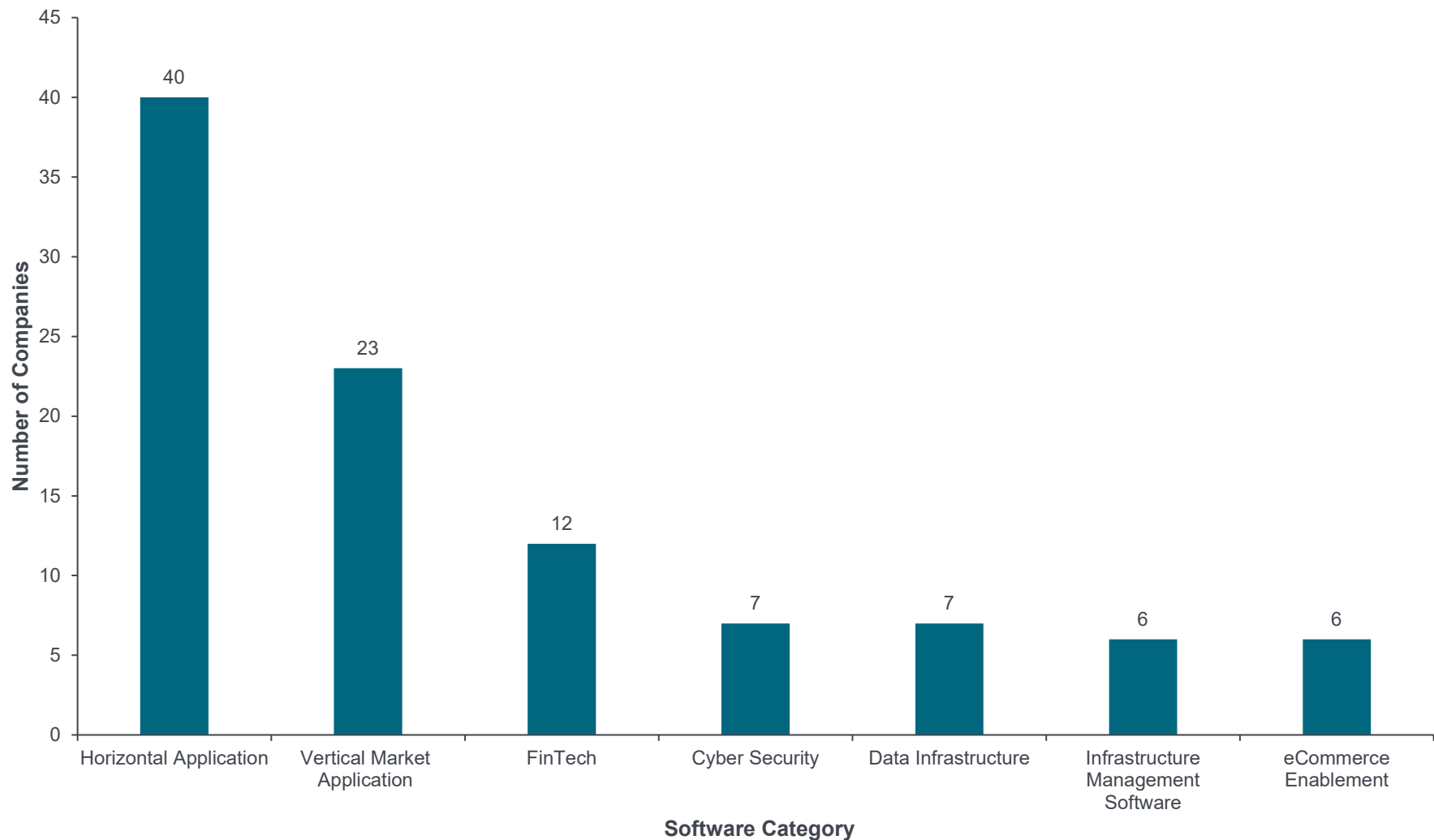
2022 Private SaaS Company Survey 

2021 ARR: Contracted Annual Recurring Revenue at Year-End 2021



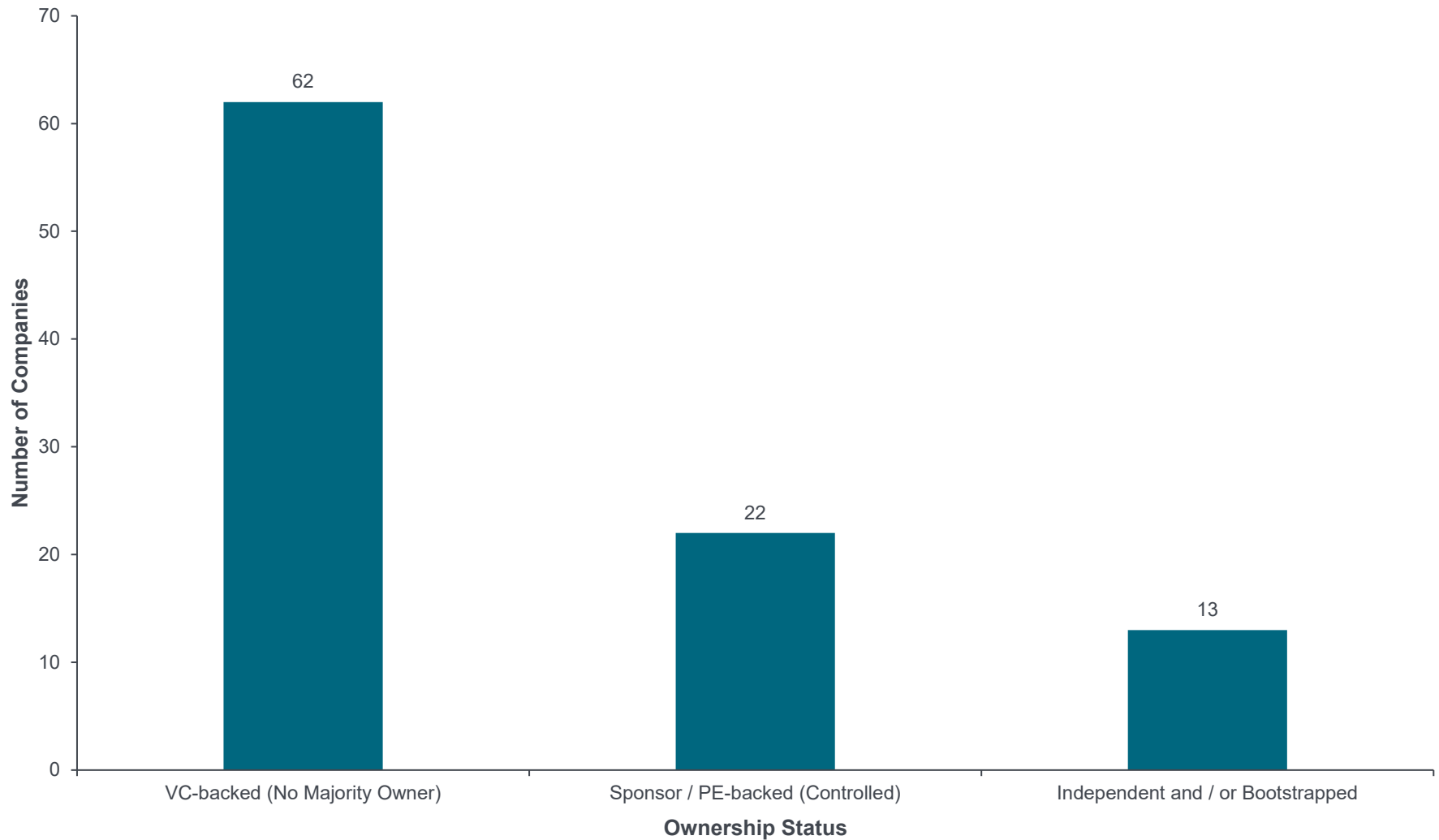
PARTICIPANTS BY SOFTWARE CATEGORY

2022 Private SaaS Company Survey 



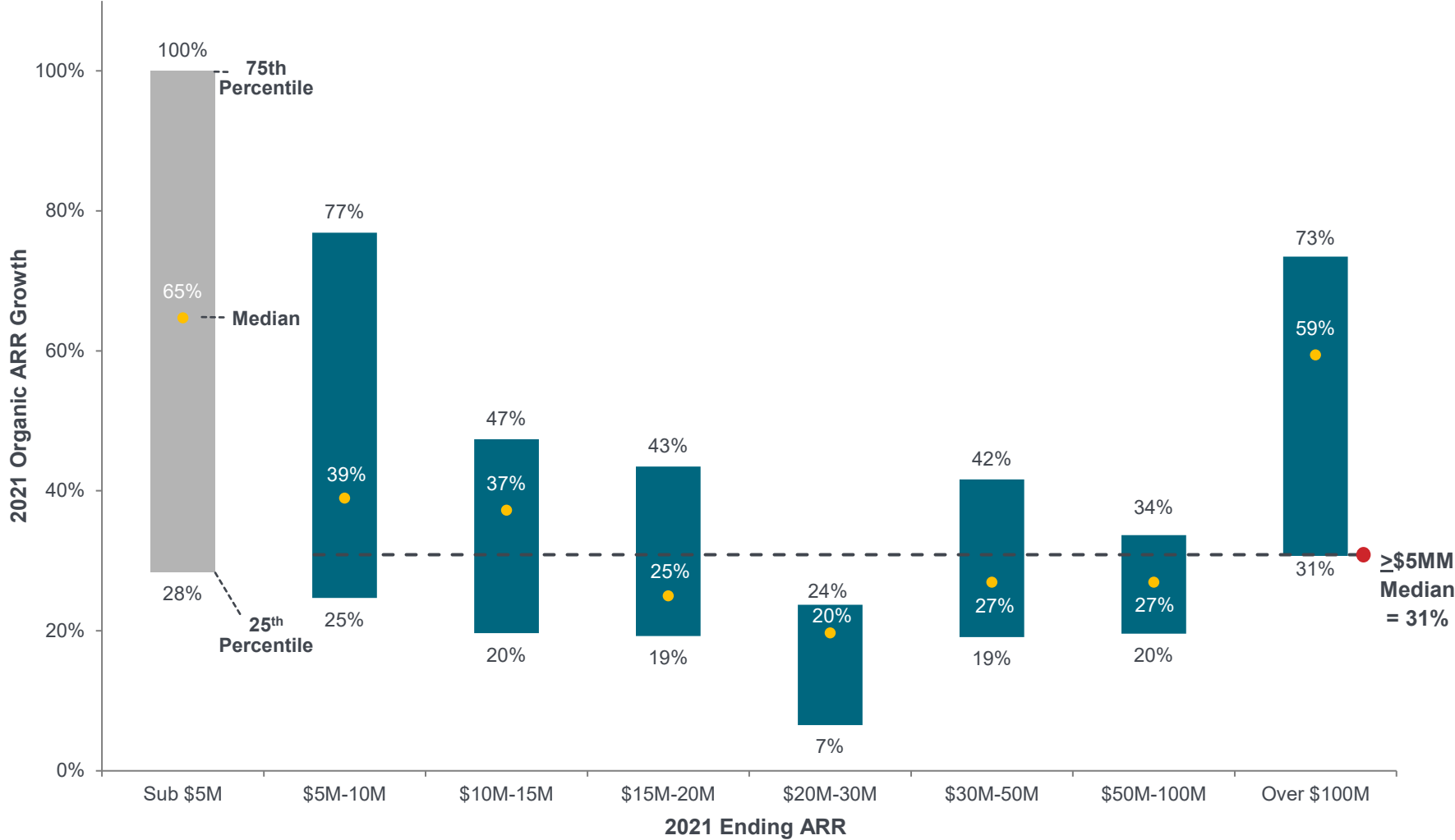
PARTICIPANTS BY OWNERSHIP STATUS

2022 Private SaaS Company Survey 



2021 GROWTH

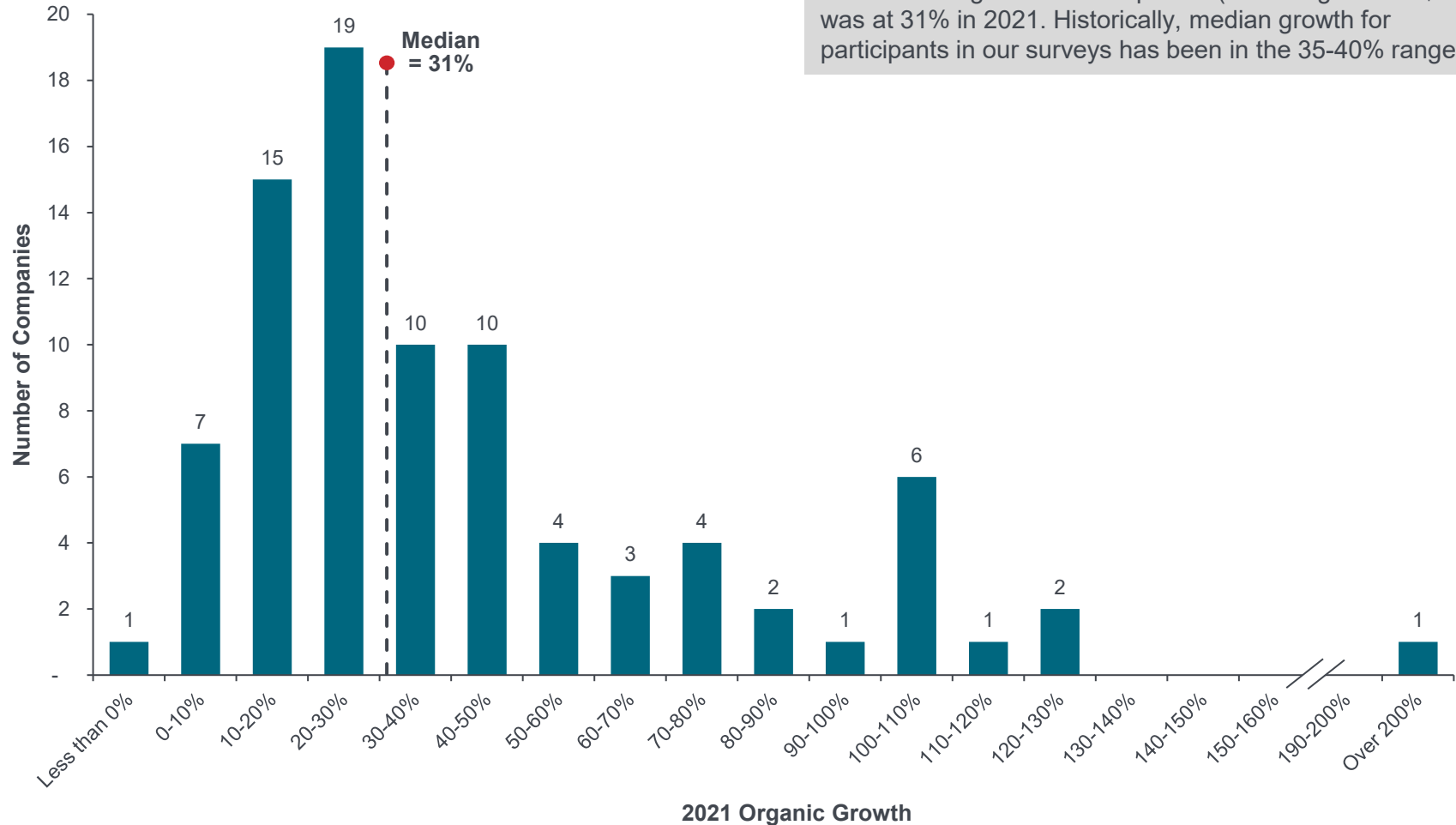
2021 ORGANIC ARR GROWTH



ORGANIC ARR GROWTH HISTOGRAM

2022 Private SaaS Company Survey 

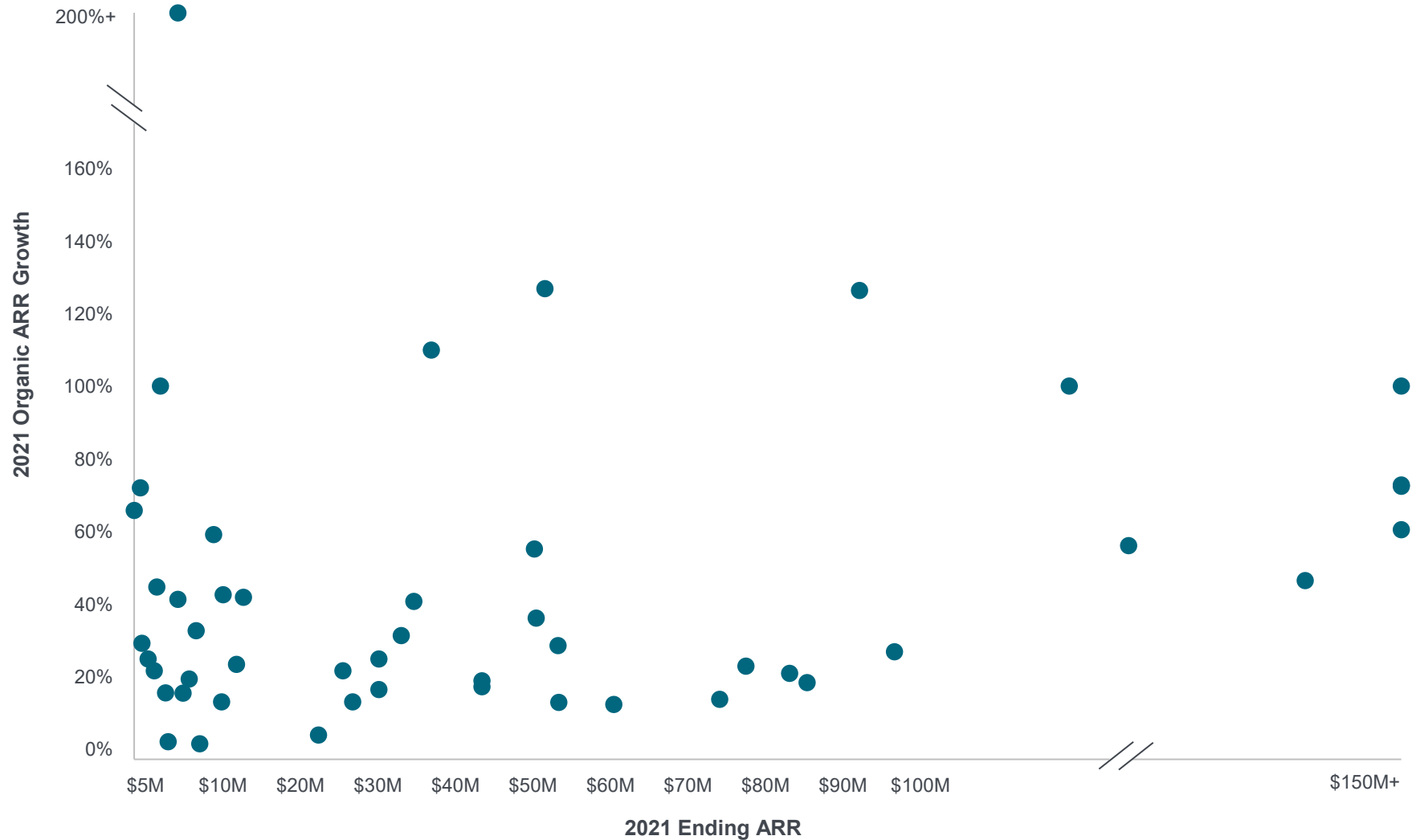
Excluding Companies <\$5MM in 2021 Ending ARR



HOW FAST DID YOU GROW ORGANICALLY IN 2021?

2022 Private SaaS Company Survey 

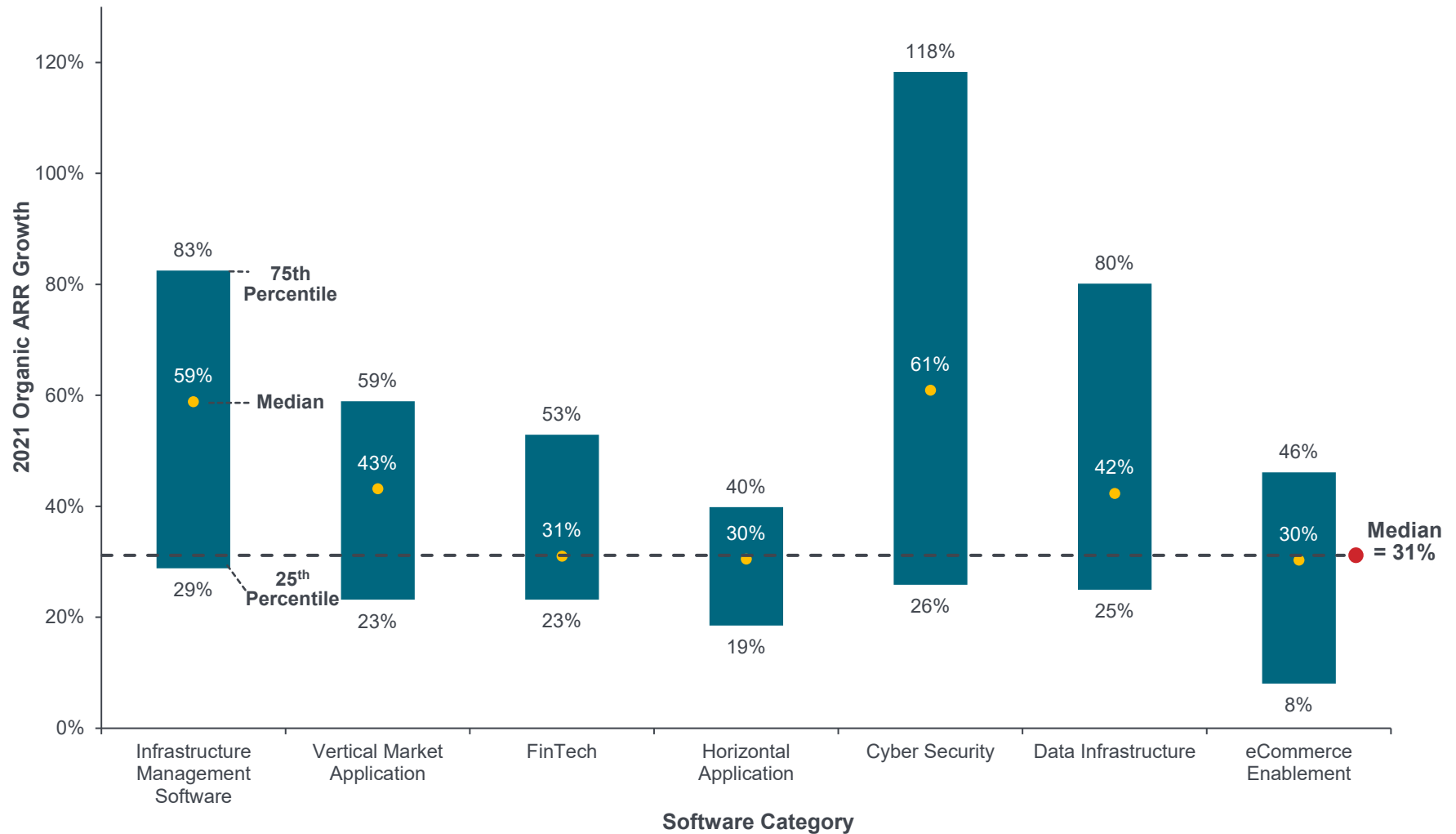
Excluding Companies <\$5MM in 2021 Ending ARR



2021 ARR GROWTH BY SOFTWARE CATEGORY

2022 Private SaaS Company Survey 

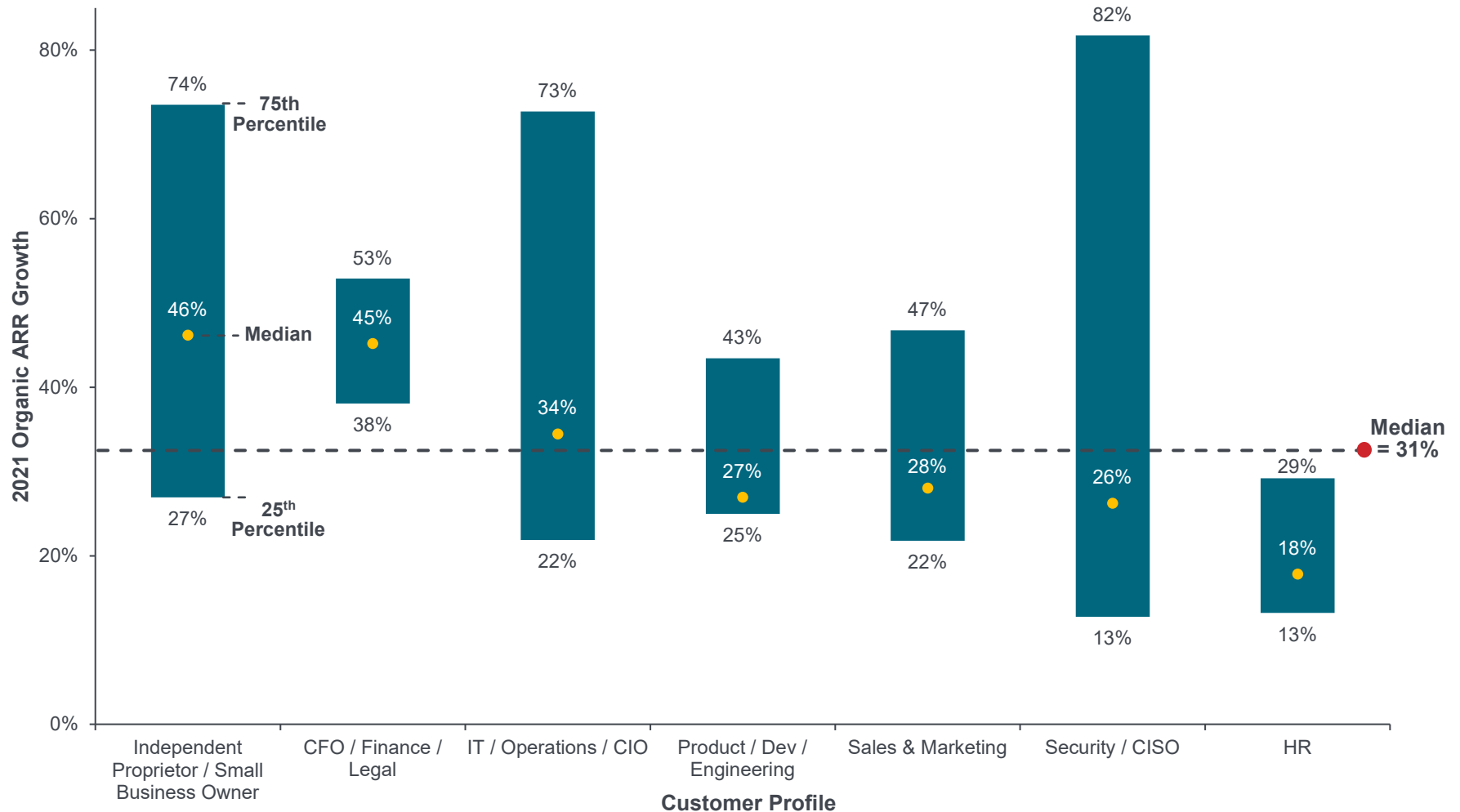
Excluding Companies <\$5MM in 2021 Ending ARR



2021 ARR GROWTH BY CUSTOMER PROFILE

2022 Private SaaS Company Survey 

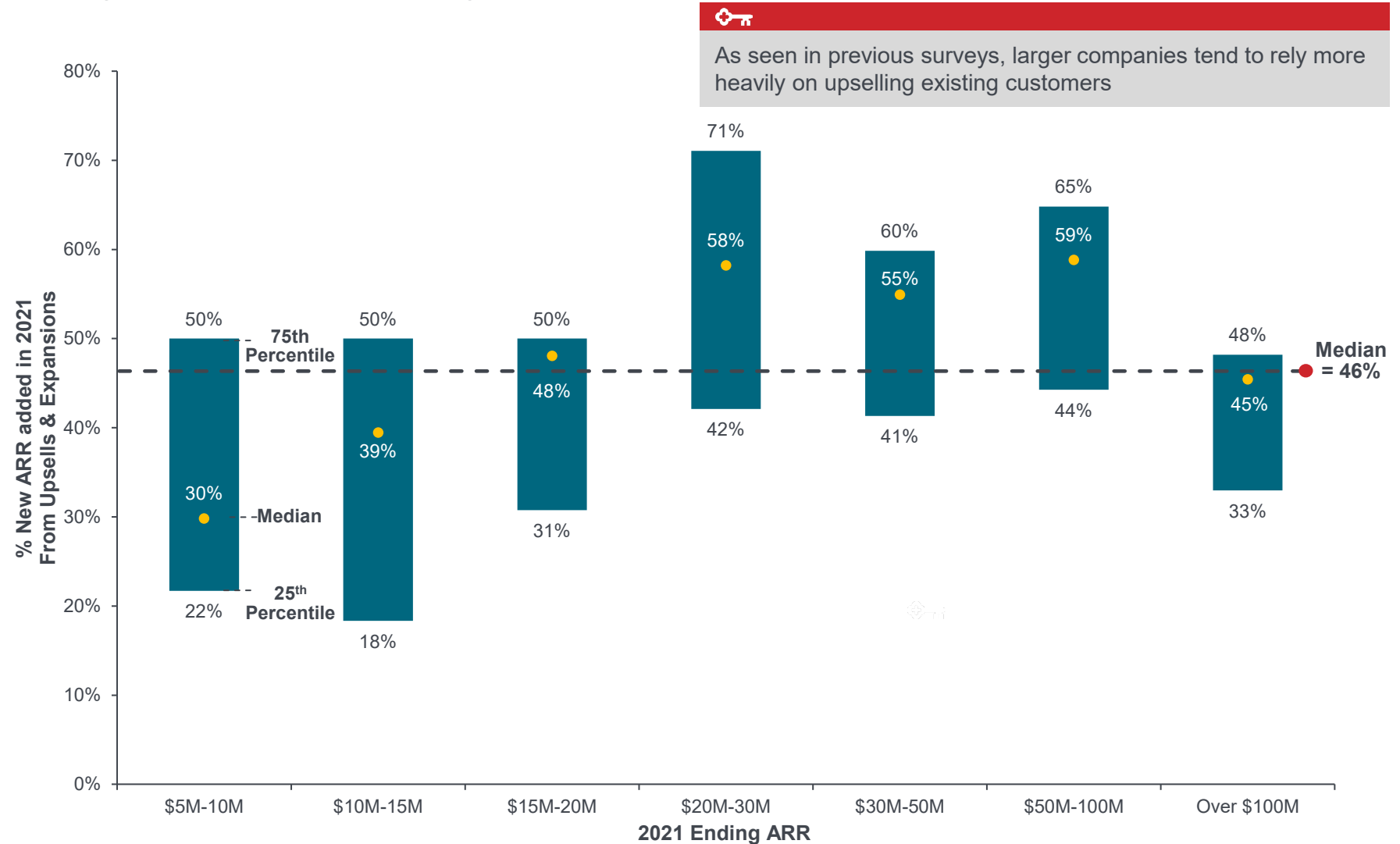
Excluding Companies <\$5MM in 2021 Ending ARR



RELIANCE ON UPSELLS & EXPANSIONS IN 2021

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2021 Ending ARR

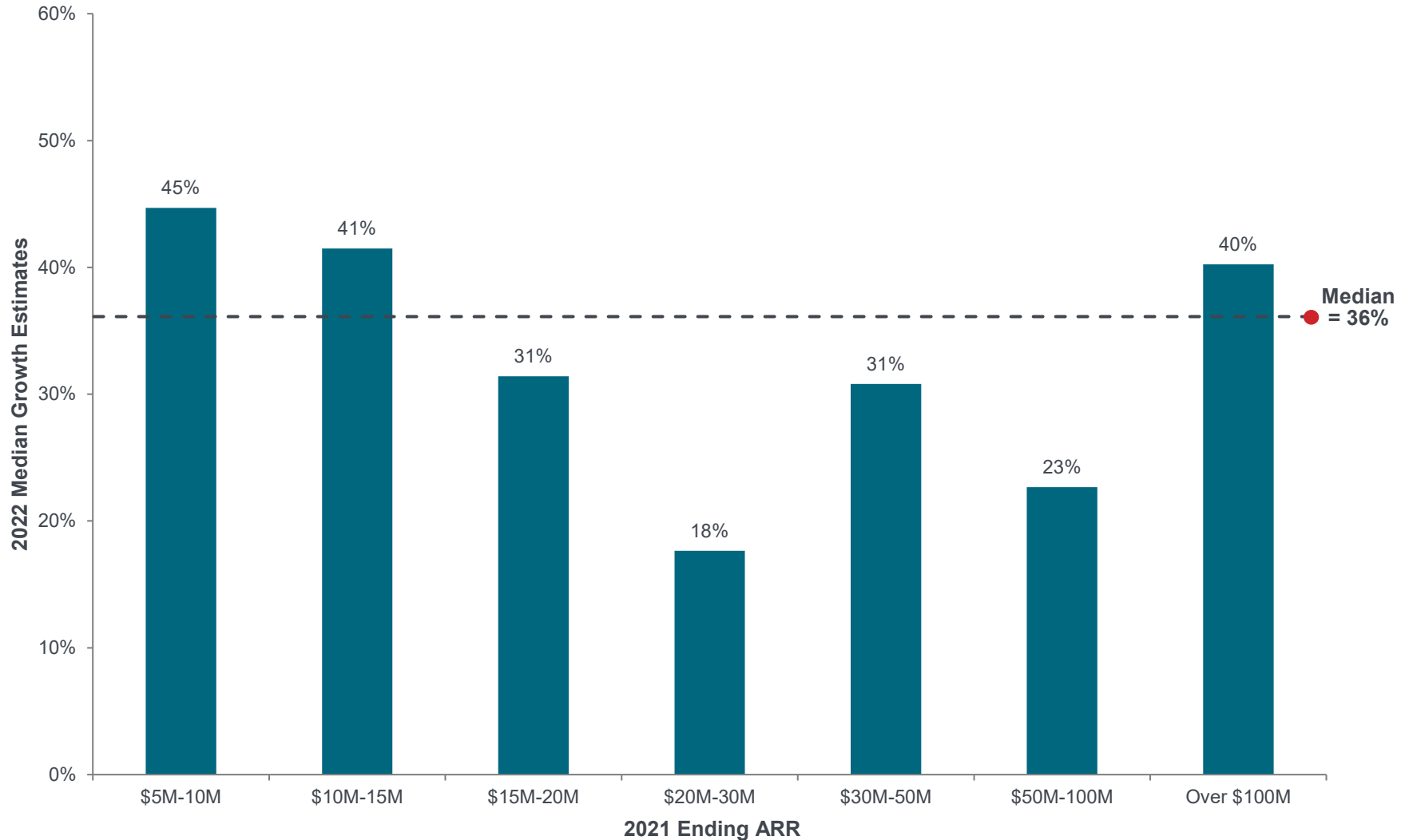


2022 GROWTH FORECAST

2022 GROWTH FORECAST

2022 Private SaaS Company Survey 

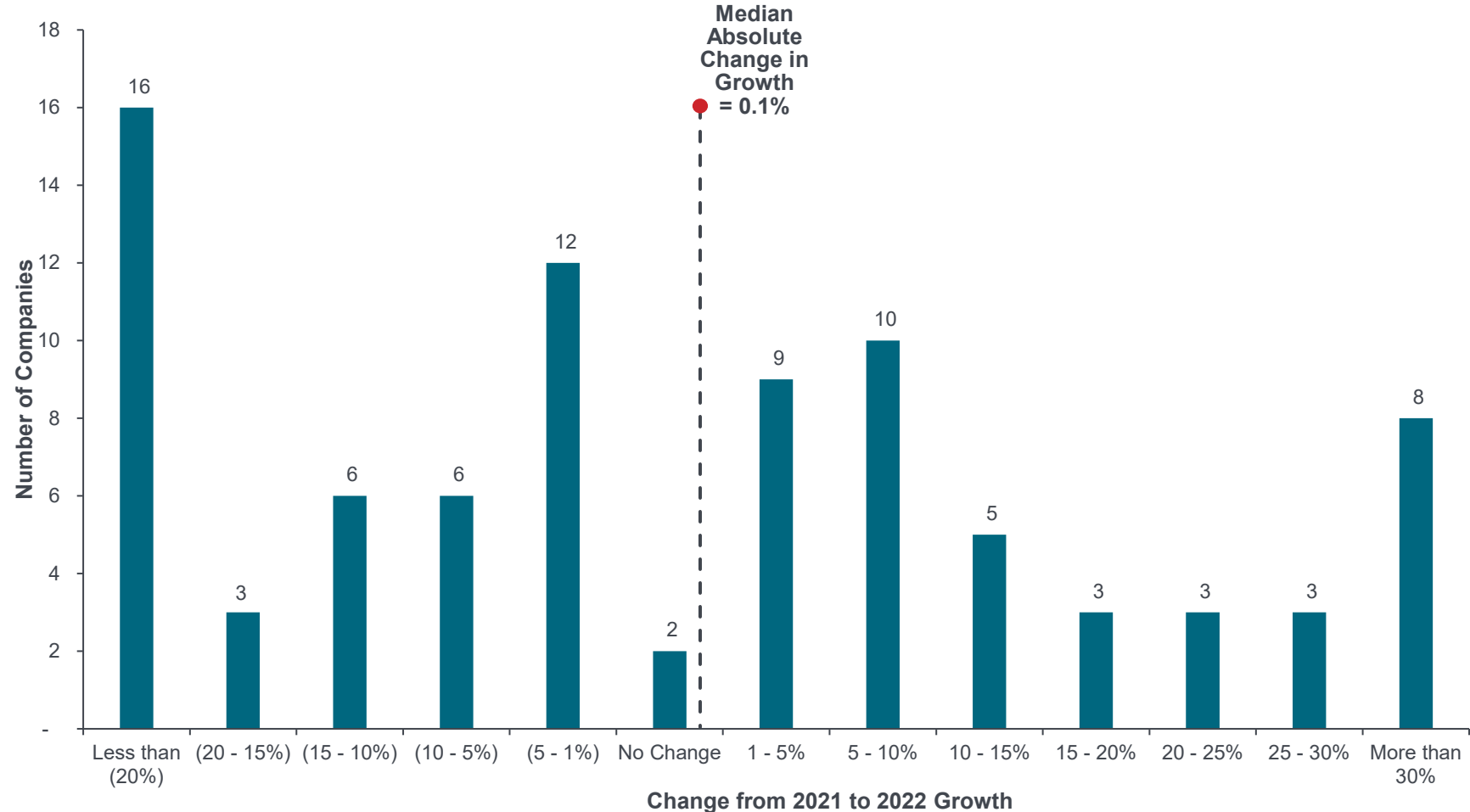
Excluding Companies <\$5MM in 2021 Ending ARR



2022 GROWTH FORECAST: ACCELERATION VS DECELERATION

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2021 Ending ARR

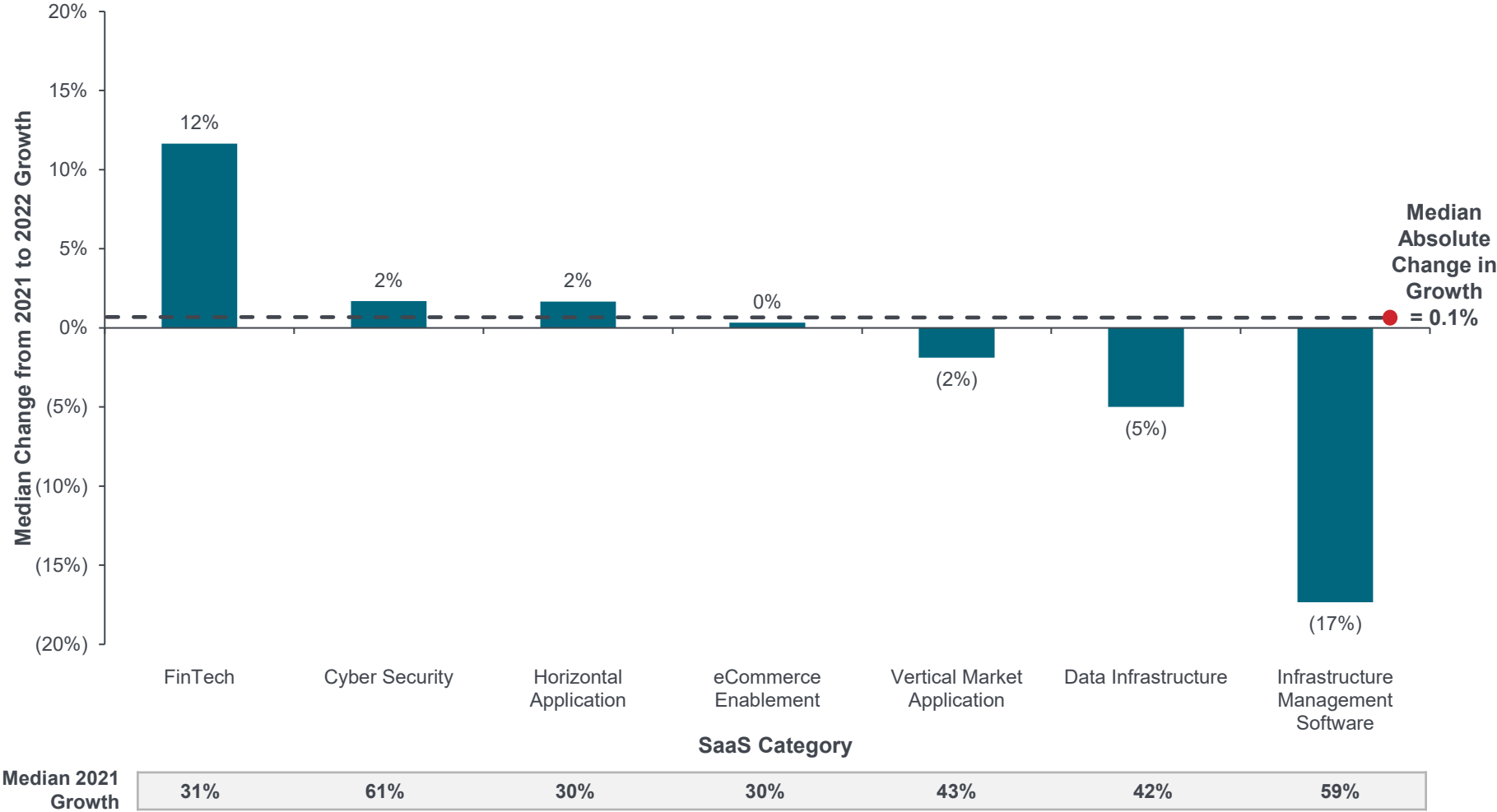


Note: Absolute Change in Growth is calculated as the difference between 2021 Ending ARR Growth % and 2022 Forecasted Growth %
86 Total Respondents

2022 GROWTH FORECAST: ACCELERATION VS DECELERATION BY SOFTWARE CATEGORY

2022 Private SaaS Company Survey 

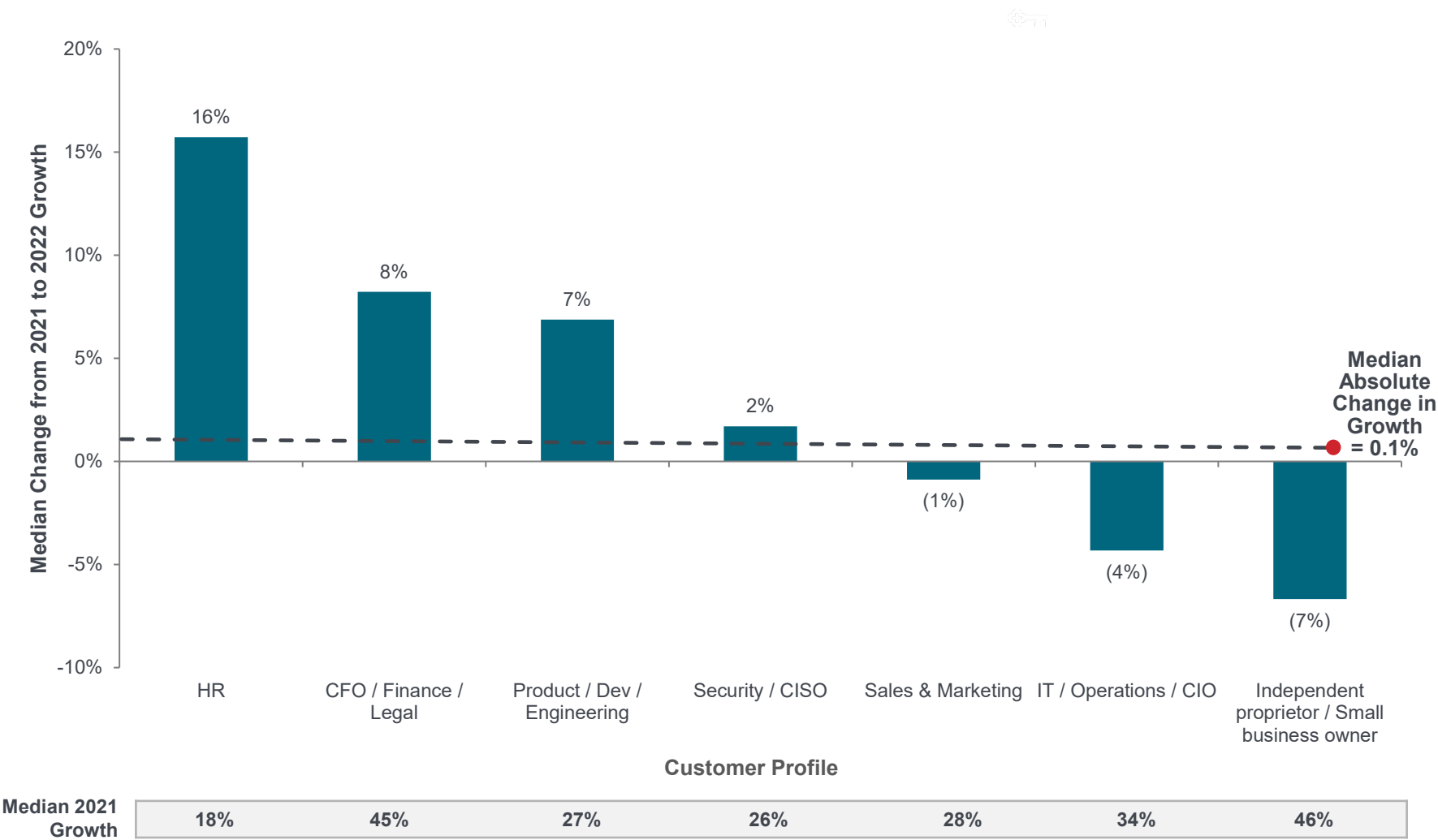
Excluding Companies <\$5MM in 2021 Ending ARR



2022 GROWTH FORECAST: ACCELERATION VS DECELERATION BY CUSTOMER PROFILE

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2021 Ending ARR



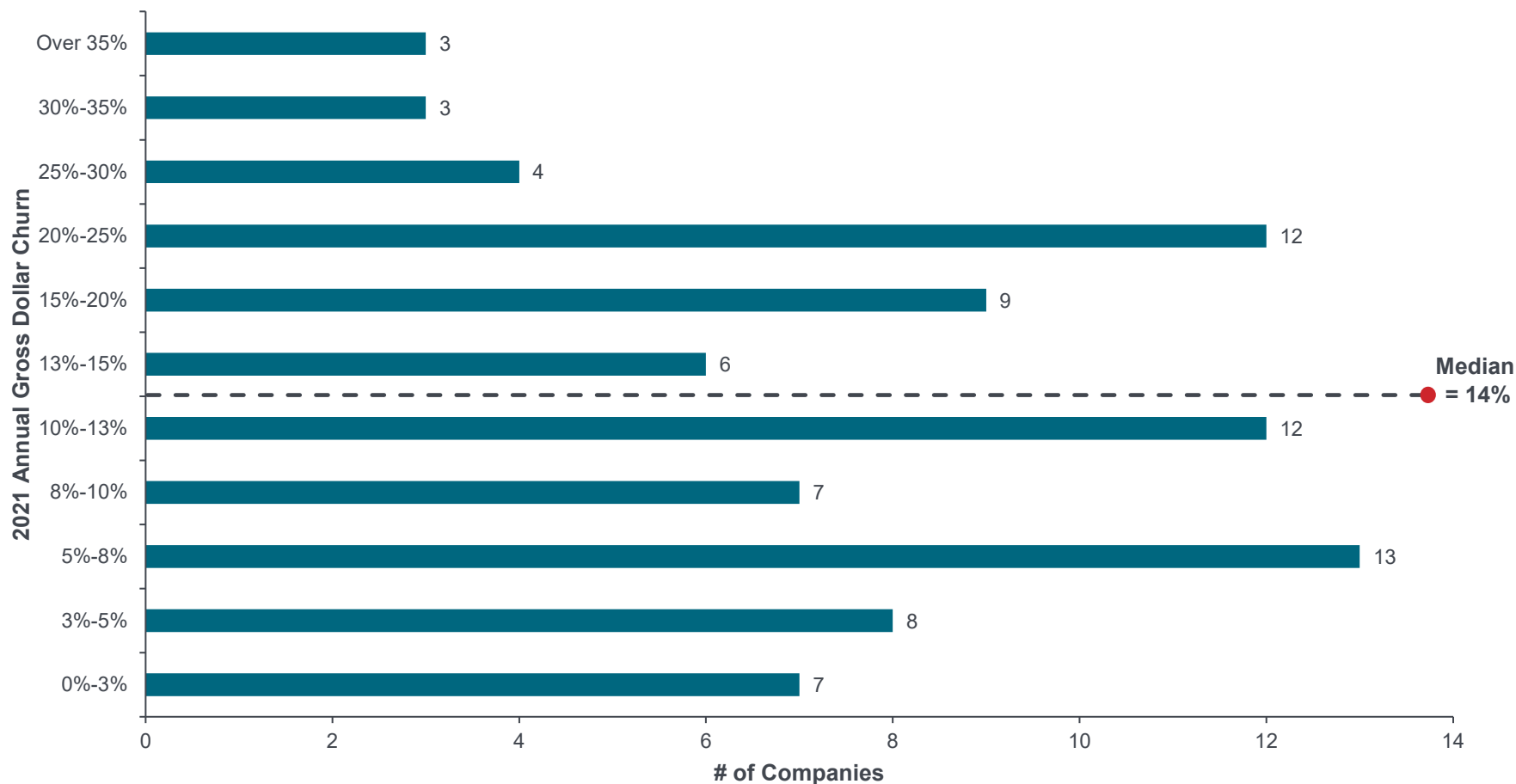
RETENTION AND CHURN

ANNUAL GROSS DOLLAR CHURN

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2021 Ending ARR

On a dollar basis, what percentage of ARR contracted as of 12/31/20, churned during 2021?
(Excluding benefits of upsells and expansions)

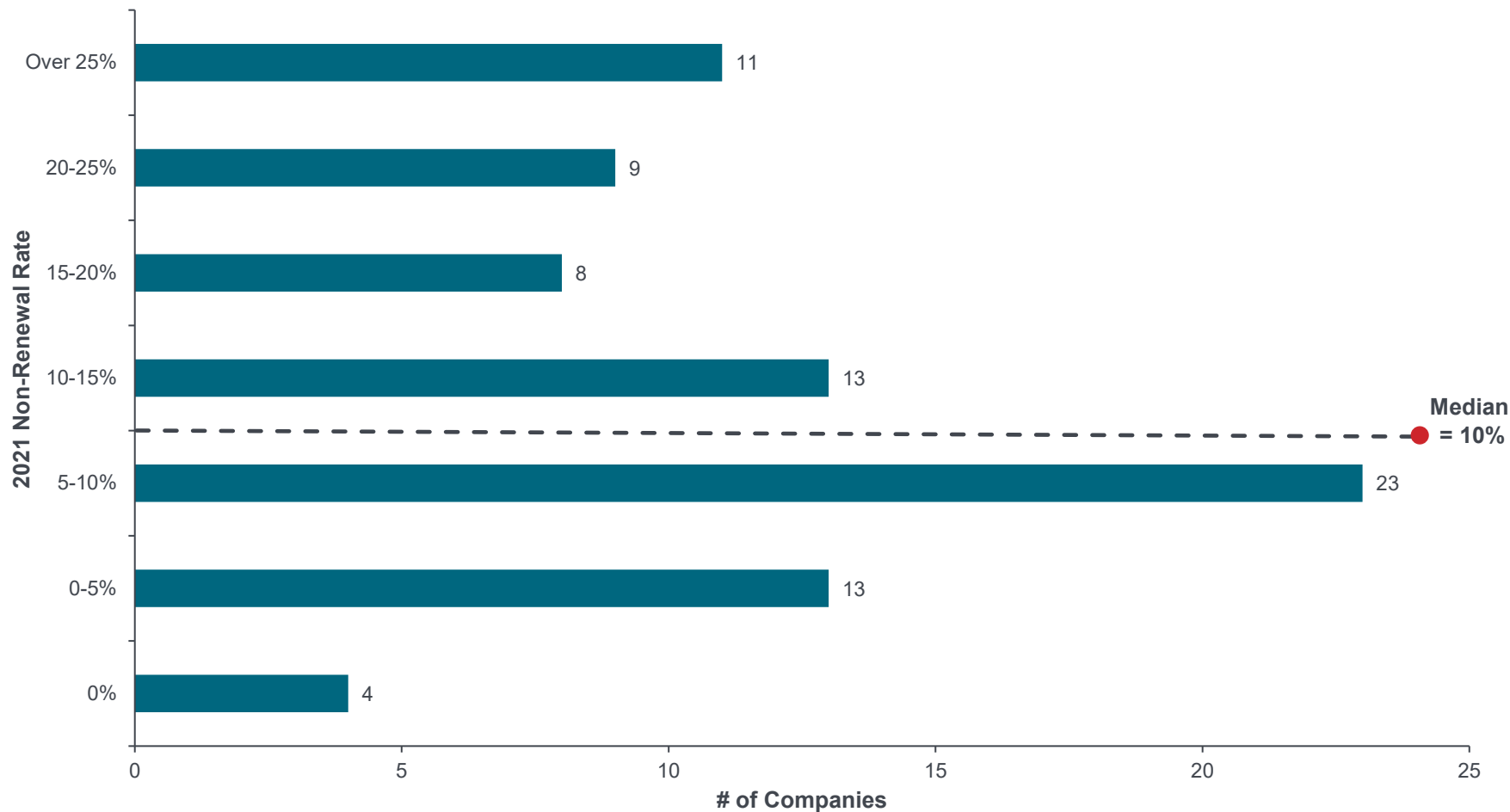


ANNUAL NON-RENEWAL RATE

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2021 Ending ARR

On a dollar basis, what percentage of ARR up for renewal during 2021 did not renew? (Excluding benefits of upsells and expansions)

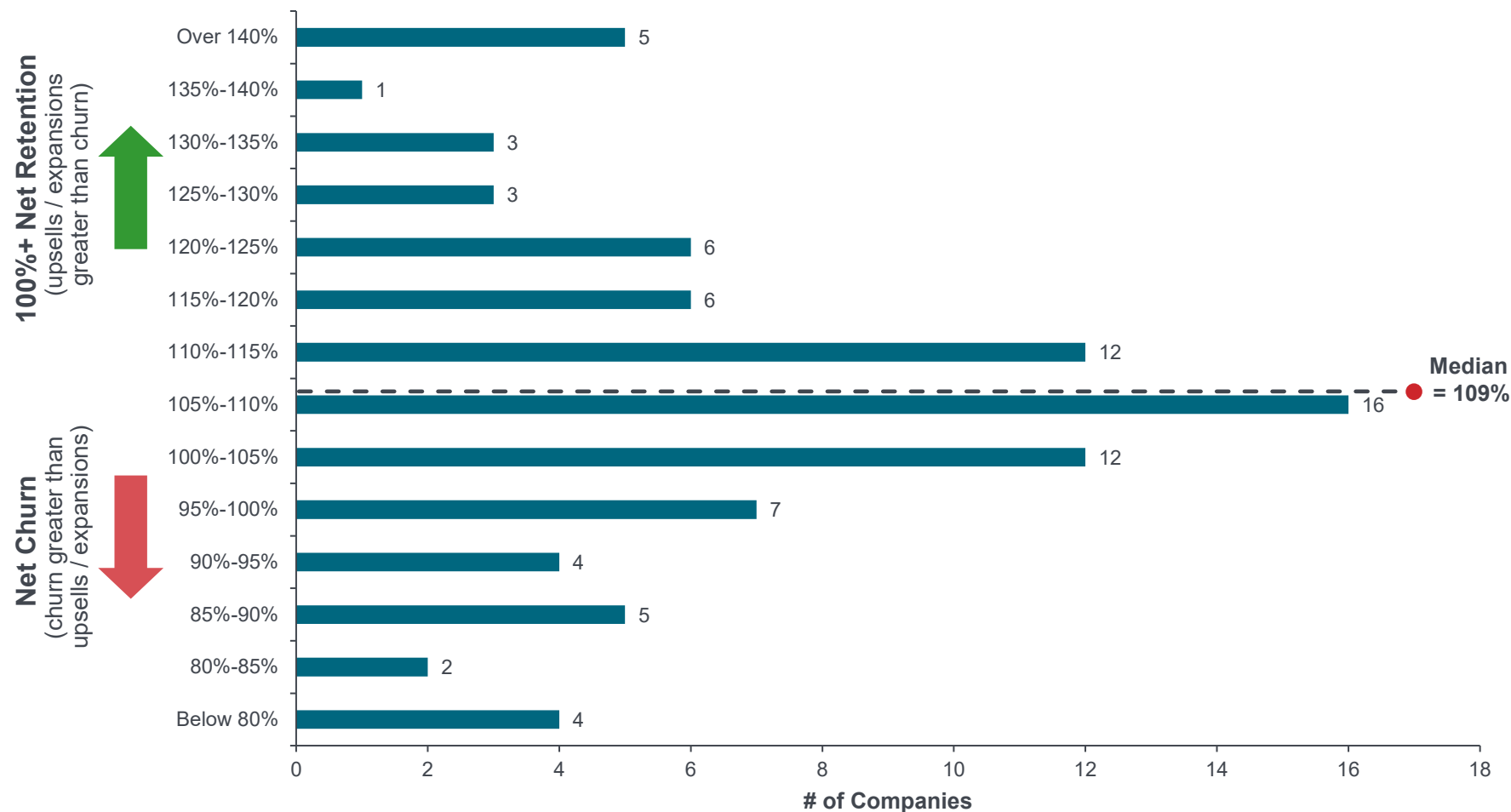


ANNUAL NET DOLLAR RETENTION FROM EXISTING CUSTOMERS

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2021 Ending ARR

How much did your existing ARR base at the end of 2021 expand or contract, adding upsells and expansions from existing customers, subtracting gross dollar churn?

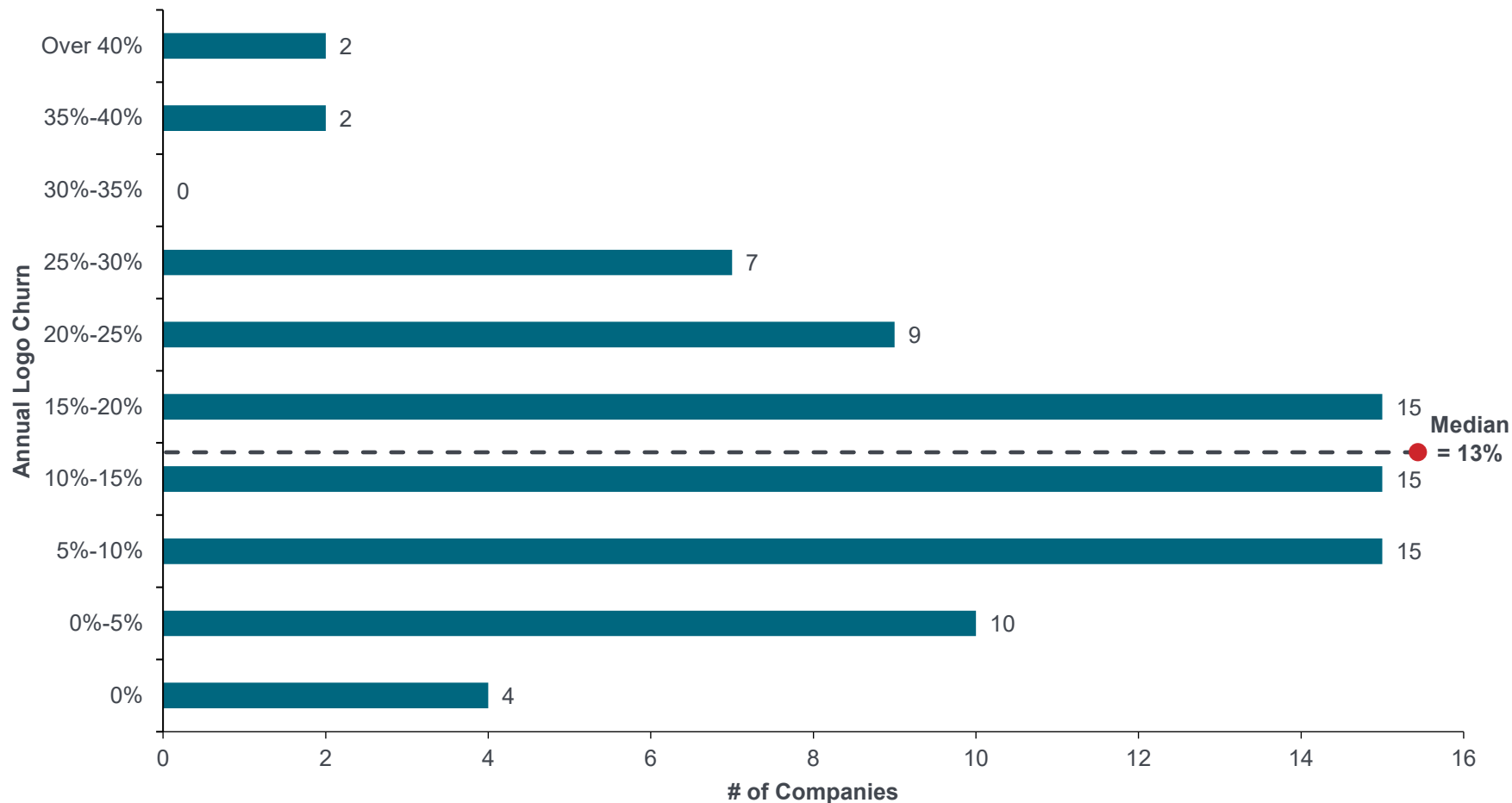


ANNUAL LOGO CHURN

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2021 Ending ARR

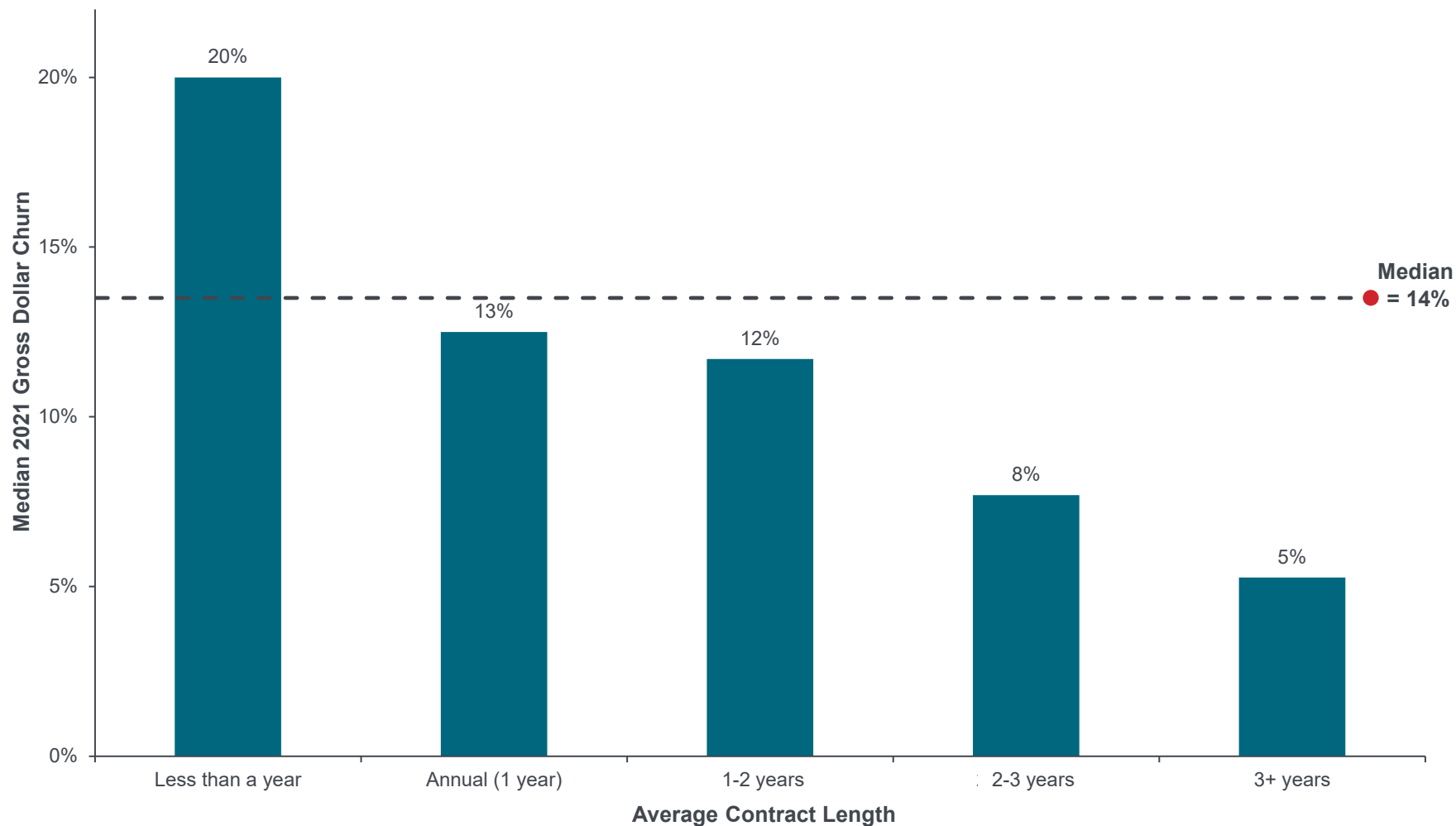
Annual Logo Churn: Number of Pre-existing Customers Lost During 2021 Divided by Total Number of Customers at Year-End 2020?



ANNUAL GROSS DOLLAR CHURN AS A FUNCTION OF CONTRACT LENGTH

2022 Private SaaS Company Survey 

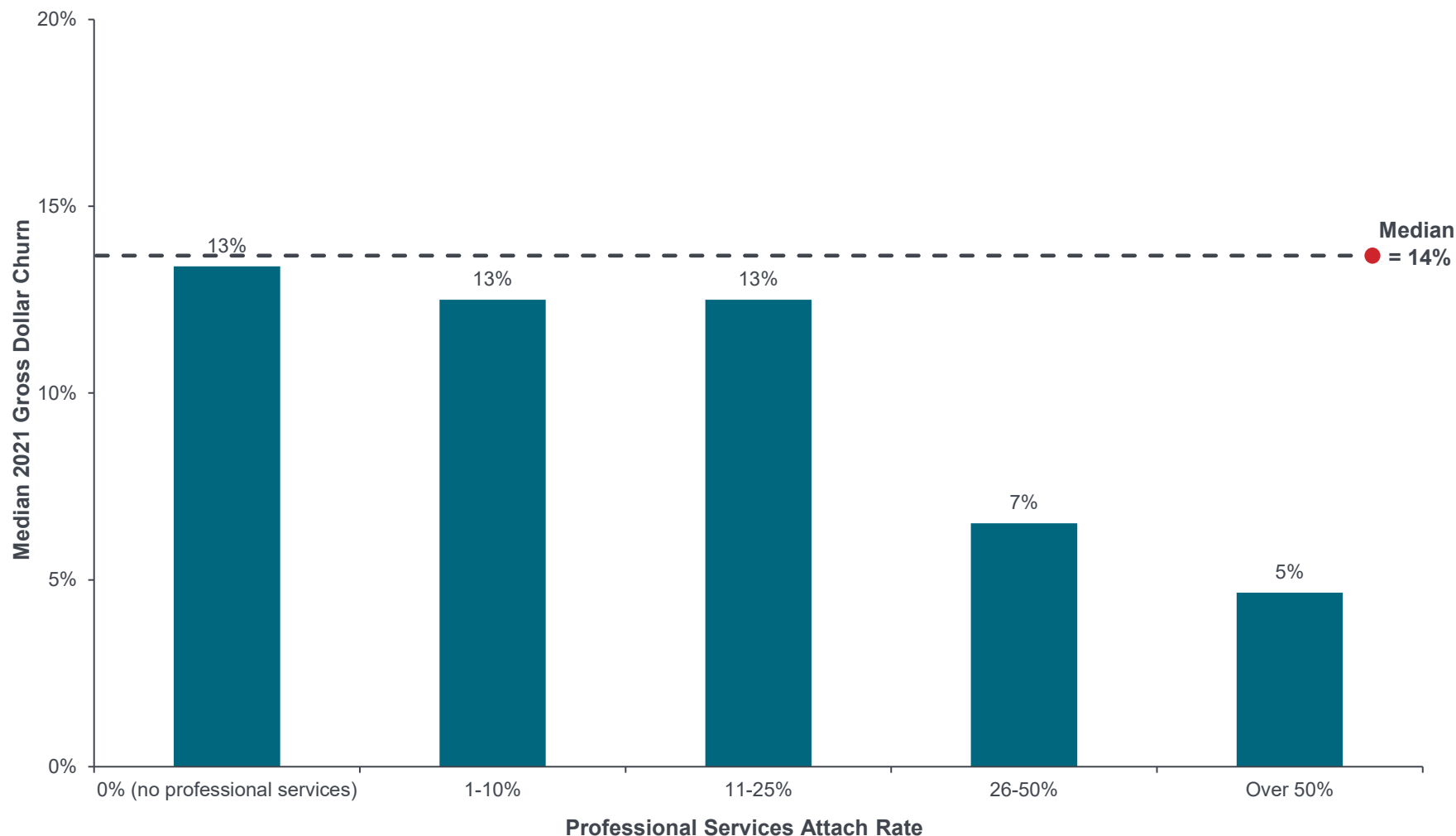
Excluding Companies <\$5MM in 2021 Ending ARR



ANNUAL GROSS DOLLAR CHURN AS A FUNCTION OF UPFRONT PROFESSIONAL SERVICES

2022 Private SaaS Company Survey 

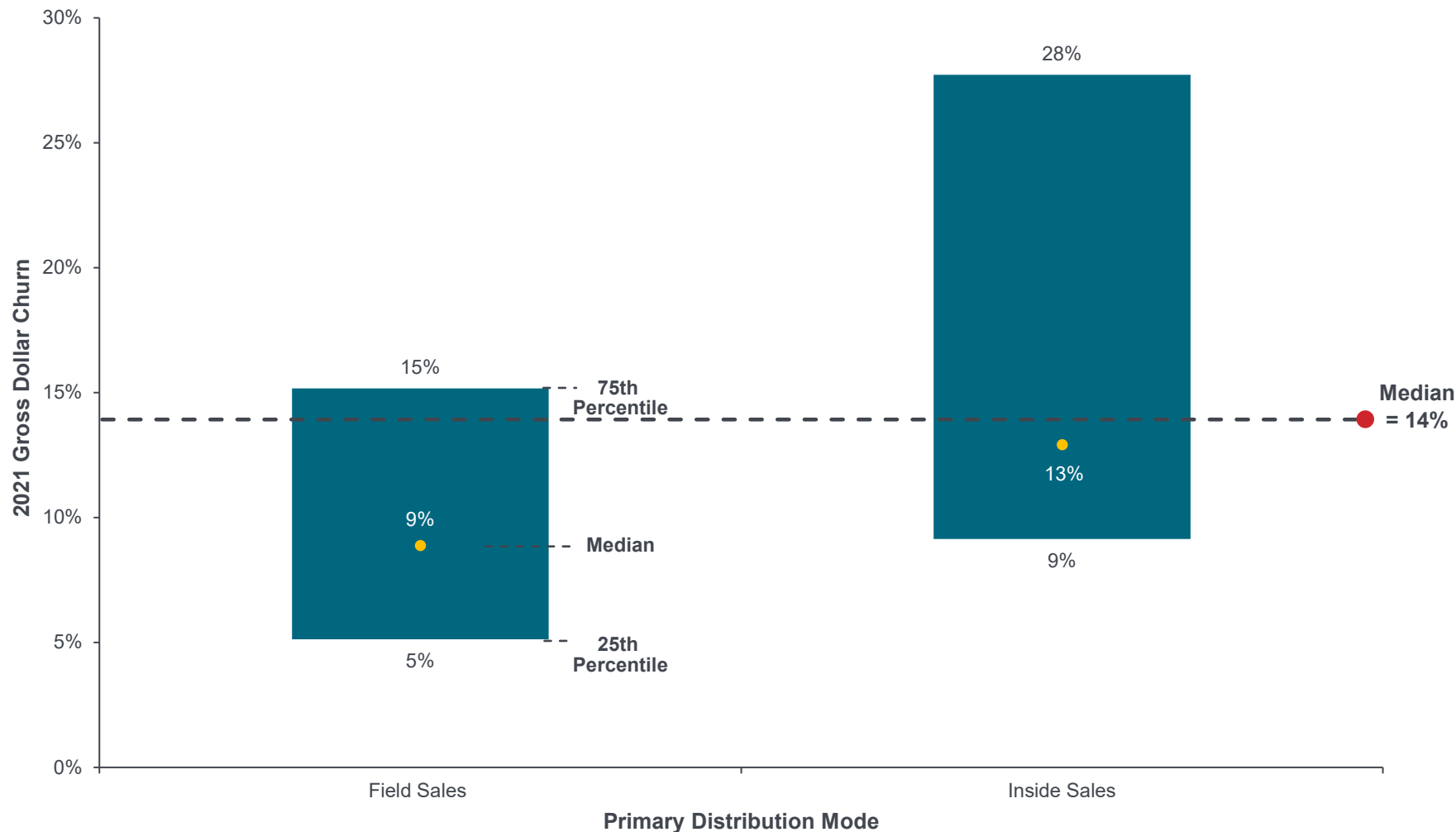
Excluding Companies <\$5MM in 2021 Ending ARR



ANNUAL GROSS DOLLAR CHURN AS A FUNCTION OF GO-TO-MARKET MOTION¹

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2021 Ending ARR



Field Sales (Named Accounts / Higher-Touch)

Inside Sales (Higher Velocity / Lower-Touch)

¹ Primary Mode of Distribution defined by determining the greatest contributor to new sales and confirming that it is at least a 20% point higher contributor than any other. If no mode satisfies these conditions, then it is Mixed

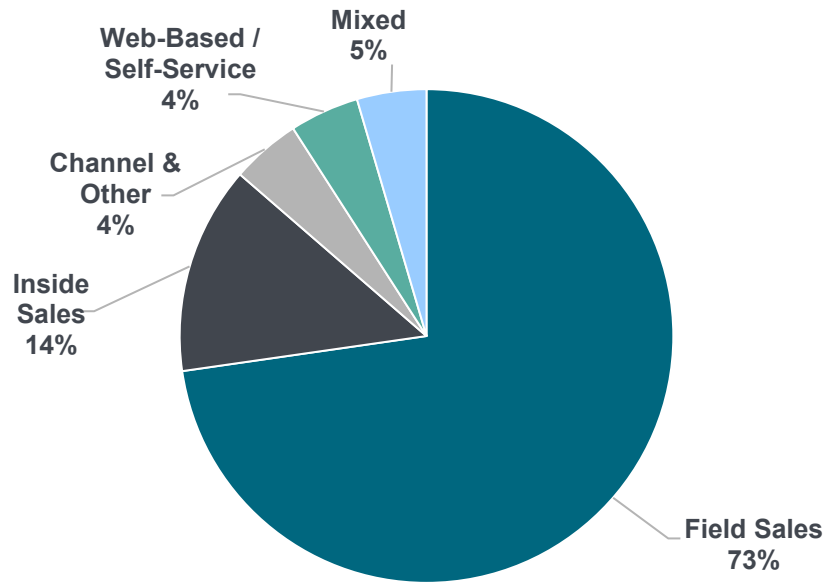
Respondents: 65; Field Sales: 47, Inside Sales: 18

GO-TO-MARKET AND SALES AND MARKETING

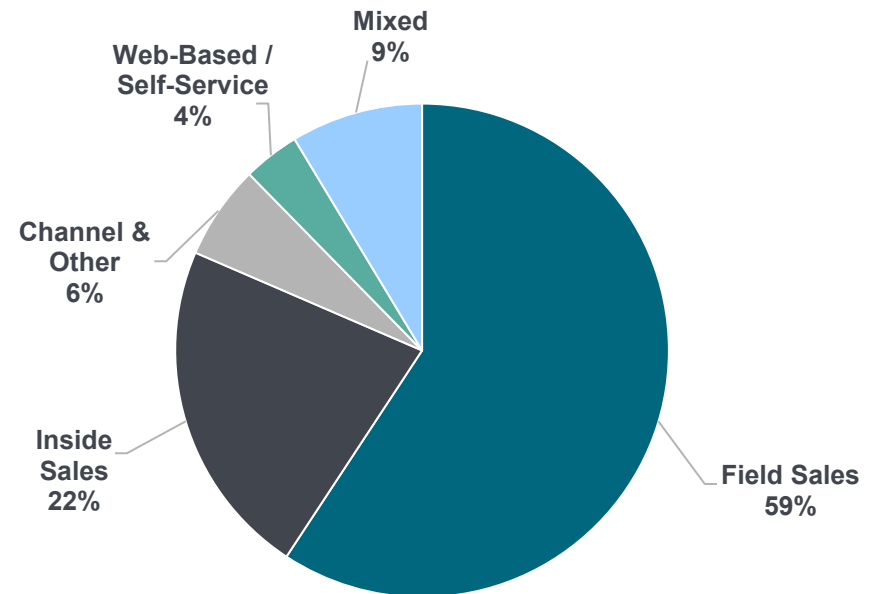
PRIMARY GO-TO-MARKET MOTION¹

2022 Private SaaS Company Survey 

Smaller Companies
≤ \$5MM in 2021 Ending ARR



Larger Companies
≥ \$5MM in 2021 Ending ARR

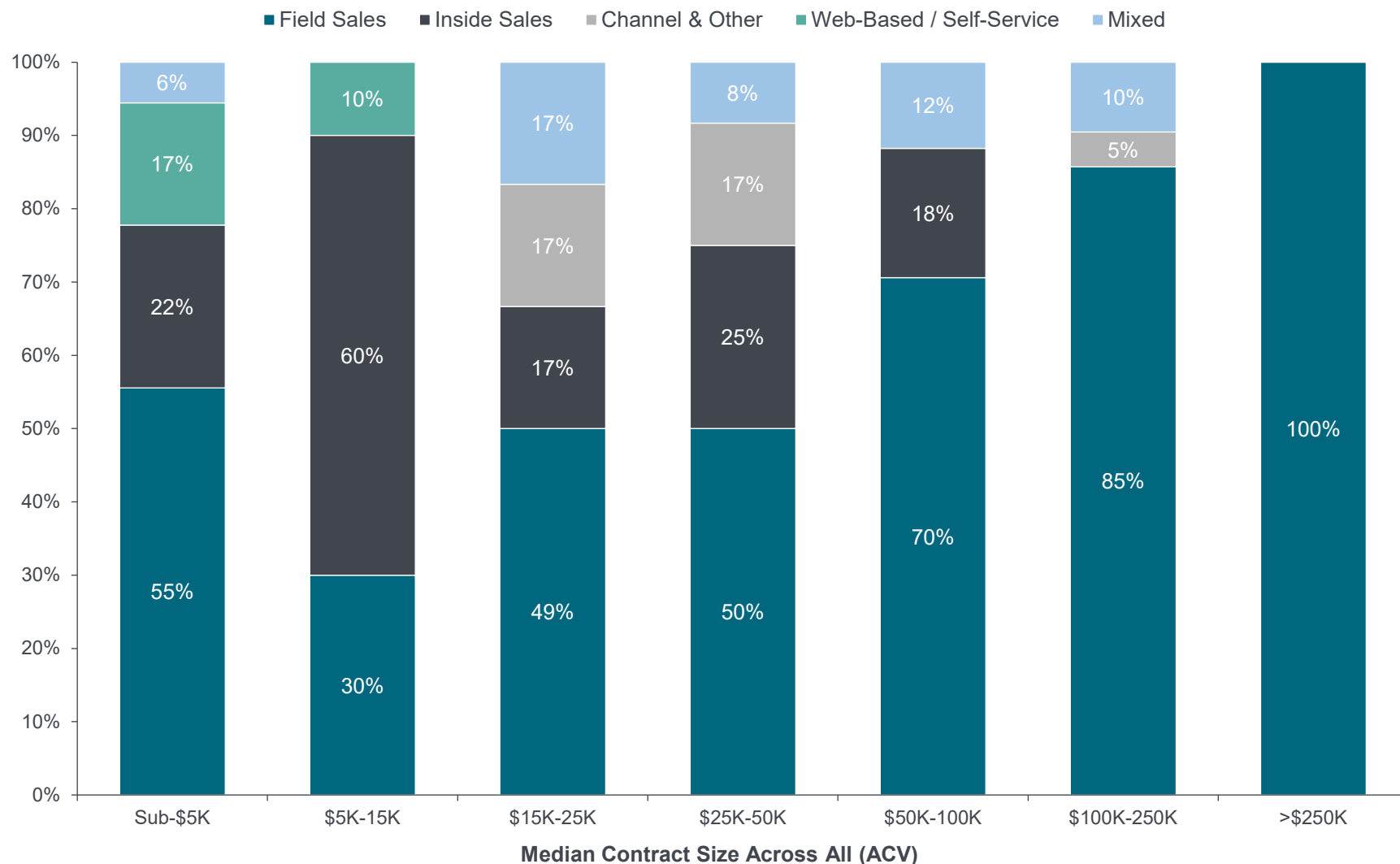


¹ Primary Go-To-Market Motion is defined by determining the greatest contributor to new sales and confirming that it is at least a 20% point higher contributor than any other. If no mode satisfies these conditions, then it is Mixed

Note: Field sales defined as “named accounts / higher-touch” model, Inside sales defined as “higher-velocity / lower-touch” model
22 and 81 respondents, respectively

PRIMARY MODE OF DISTRIBUTION¹ AS A FUNCTION OF MEDIAN CONTRACT SIZE

2022 Private SaaS Company Survey 



ANALYSIS OF FIELD VS. INSIDE SALES

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2021 Ending ARR

Median	Field-Dominated	Inside-Dominated
2021 Ending ARR	\$17MM	\$27MM
Initial ACV per Customer	\$98K	\$20K
Average Contract Length	1 Year	1 Year
Professional Services Attach Rate	8%	2%
Commissions for New Sales to New Accounts – Direct	10%	10%
2021 ARR per FTE	\$145K	\$154K
2021 Organic ARR Growth Rate	32%	28%
S&M % of Revenue	40%	41%
2021 FCF Margin	(7%)	0%
2021 Rule of 40	25%	35%
Blended CAC Ratio ¹	\$1.00	\$0.91
% of New ARR from Upsells and Expansions	48%	41%
Annual Gross Dollar Churn ²	9%	13%
Net Dollar Retention Rate ³	110%	104%



We compared those favoring Field vs Inside and found Field-sales driven companies had higher professional services attach rates, while also having higher burn rates

¹ Fully-loaded sales & marketing spend divided by new ARR added from all customers

² The % of dollar ARR under contract at the end of the prior year which was lost during the most recent year (excludes the benefits of upsells and expansions)

³ The % change in ACV from existing customers, resulting only from the effect of churn, upsells / expansions and price increases

Respondents: Total: 60, Field-Dominated: 44, Inside-Dominated: 16

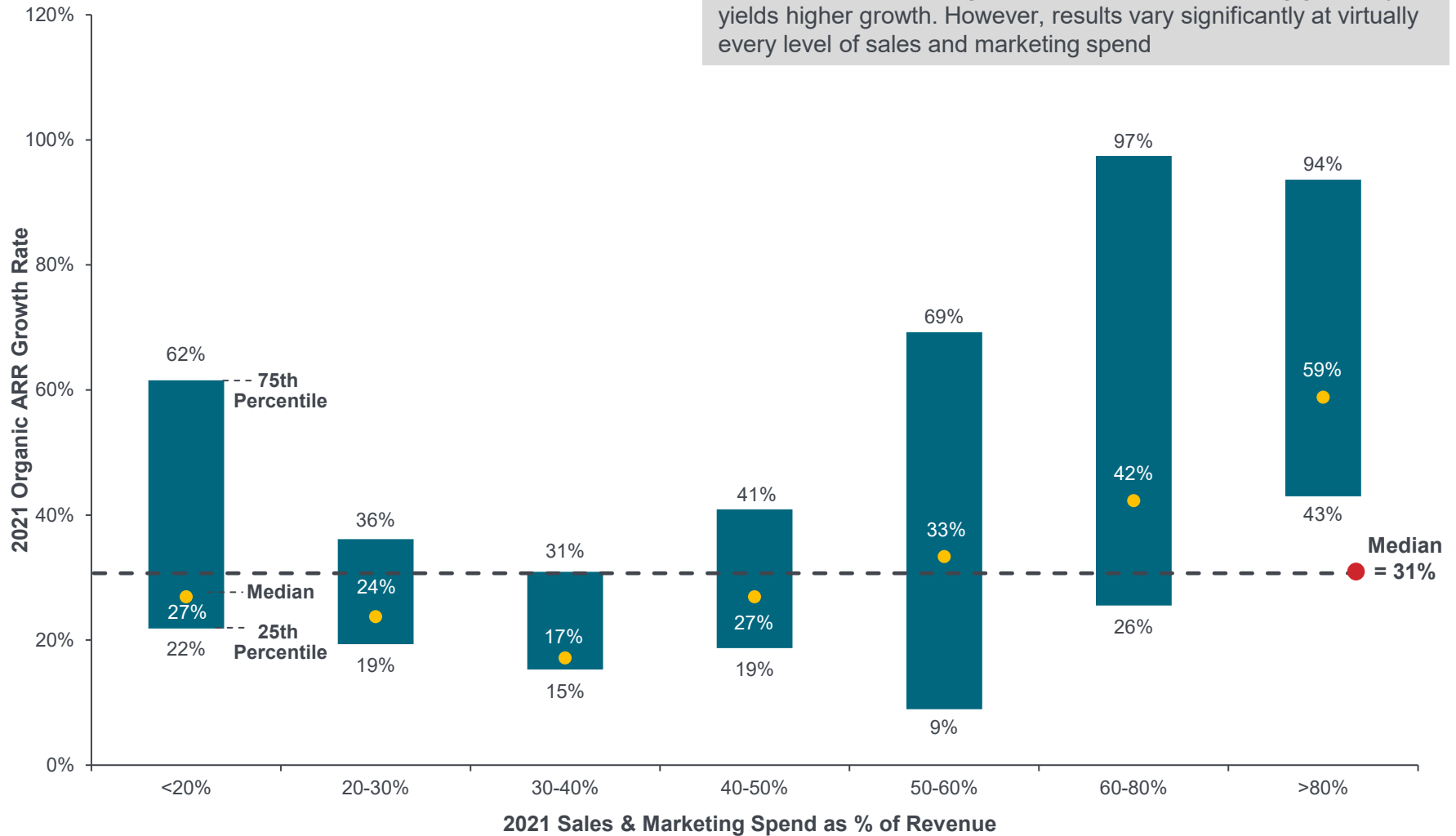
SALES & MARKETING SPEND VS. GROWTH RATE

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2021 Ending ARR



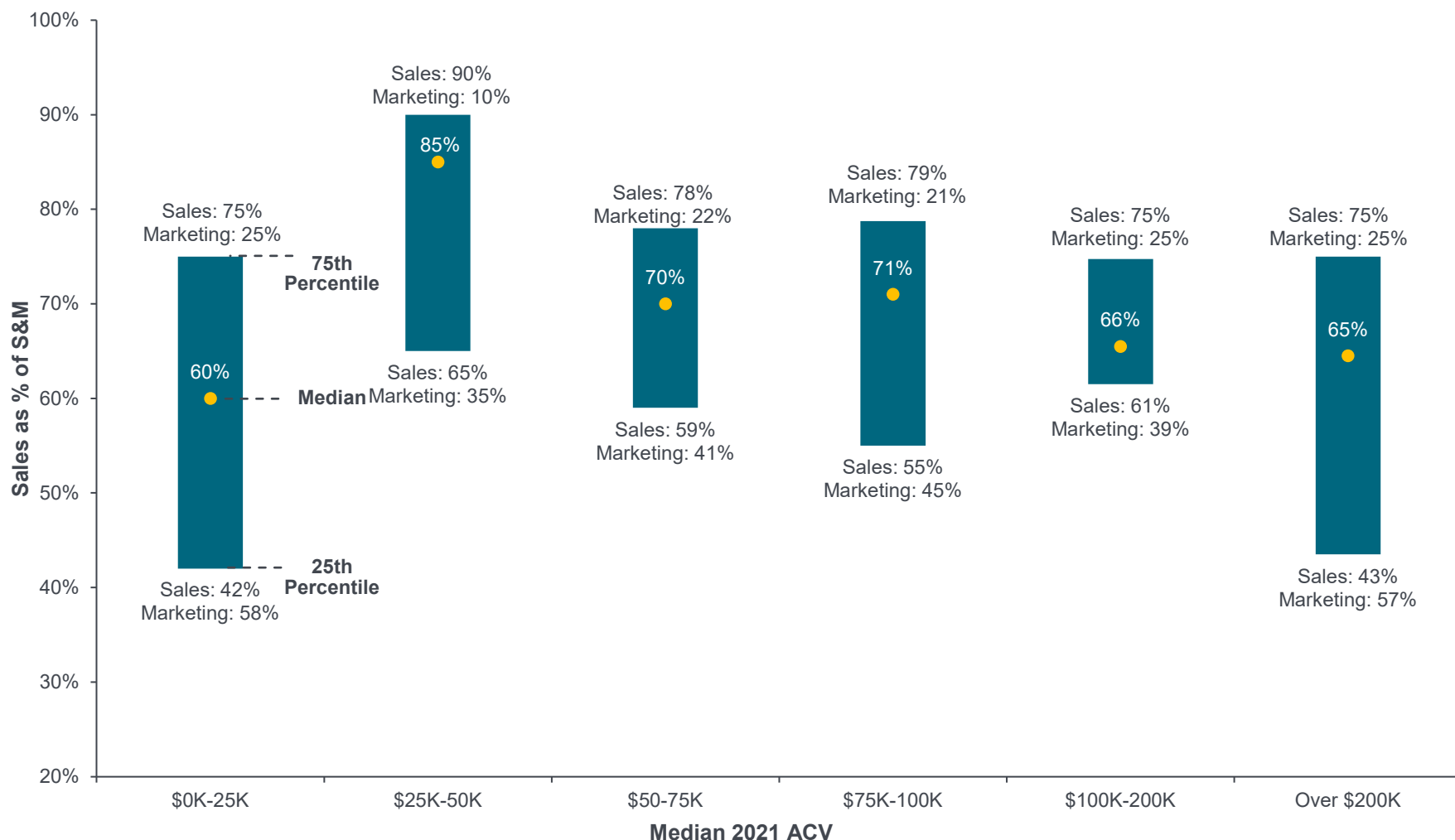
As anticipated, spending more on sales and marketing generally yields higher growth. However, results vary significantly at virtually every level of sales and marketing spend



SALES & MARKETING COST COMPOSITION BY MEDIAN ACV

2022 Private SaaS Company Survey 

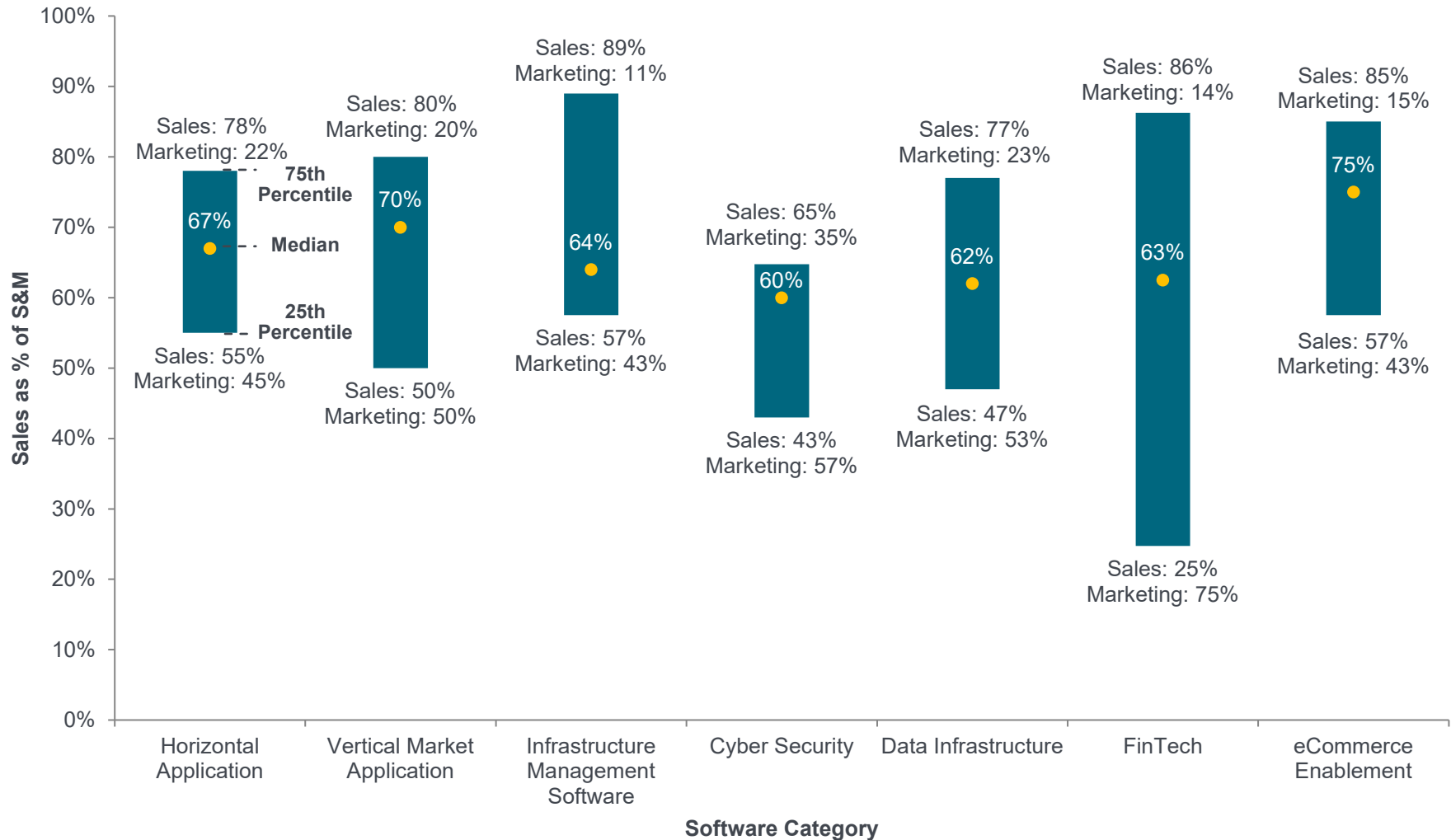
Excluding Companies <\$5MM in 2021 Ending ARR



SALES VS. MARKETING COMPOSITION BY SOFTWARE CATEGORY

2022 Private SaaS Company Survey 

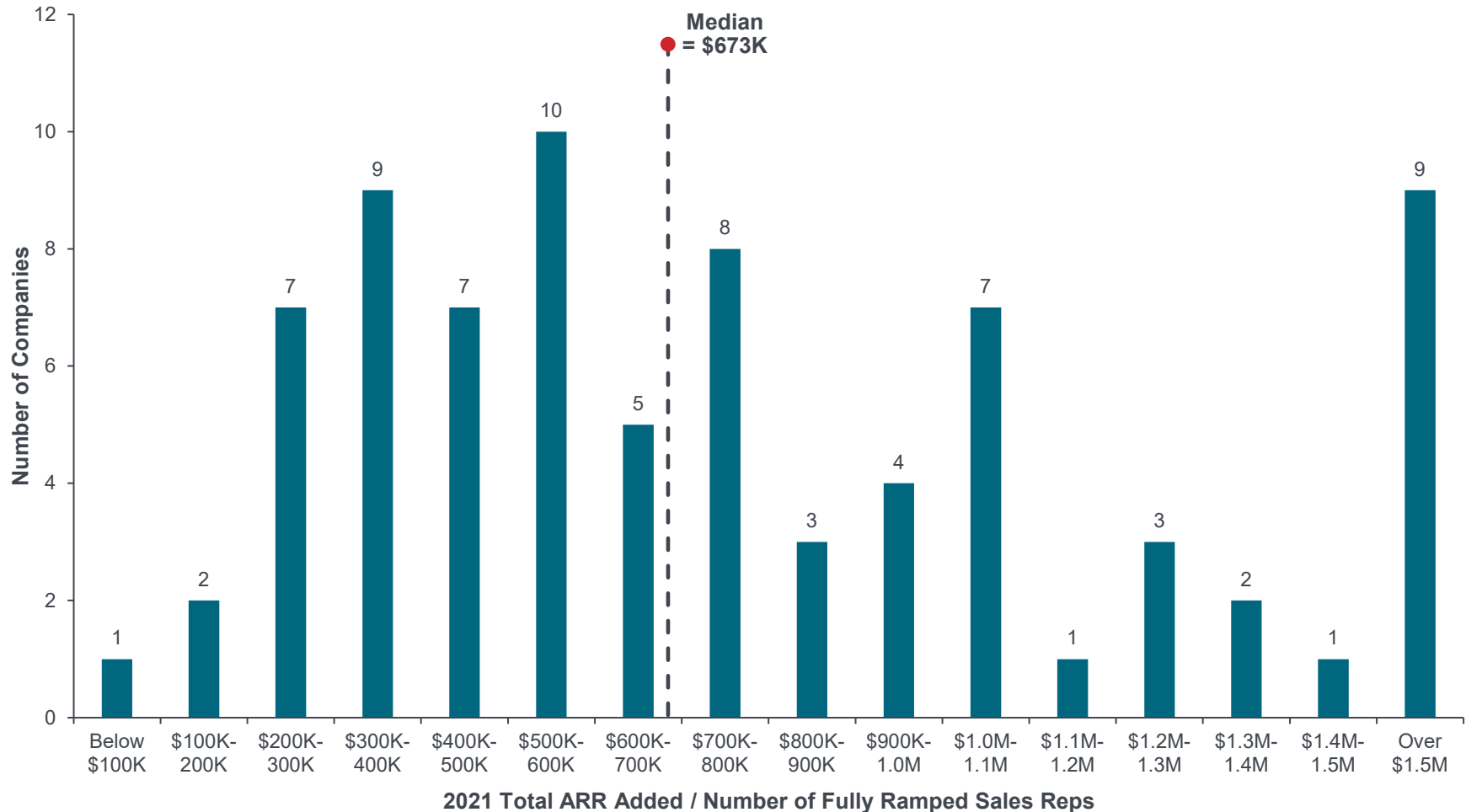
Excluding Companies <\$5MM in 2021 Ending ARR



SALES REP EFFICIENCY HISTOGRAM

2022 Private SaaS Company Survey 

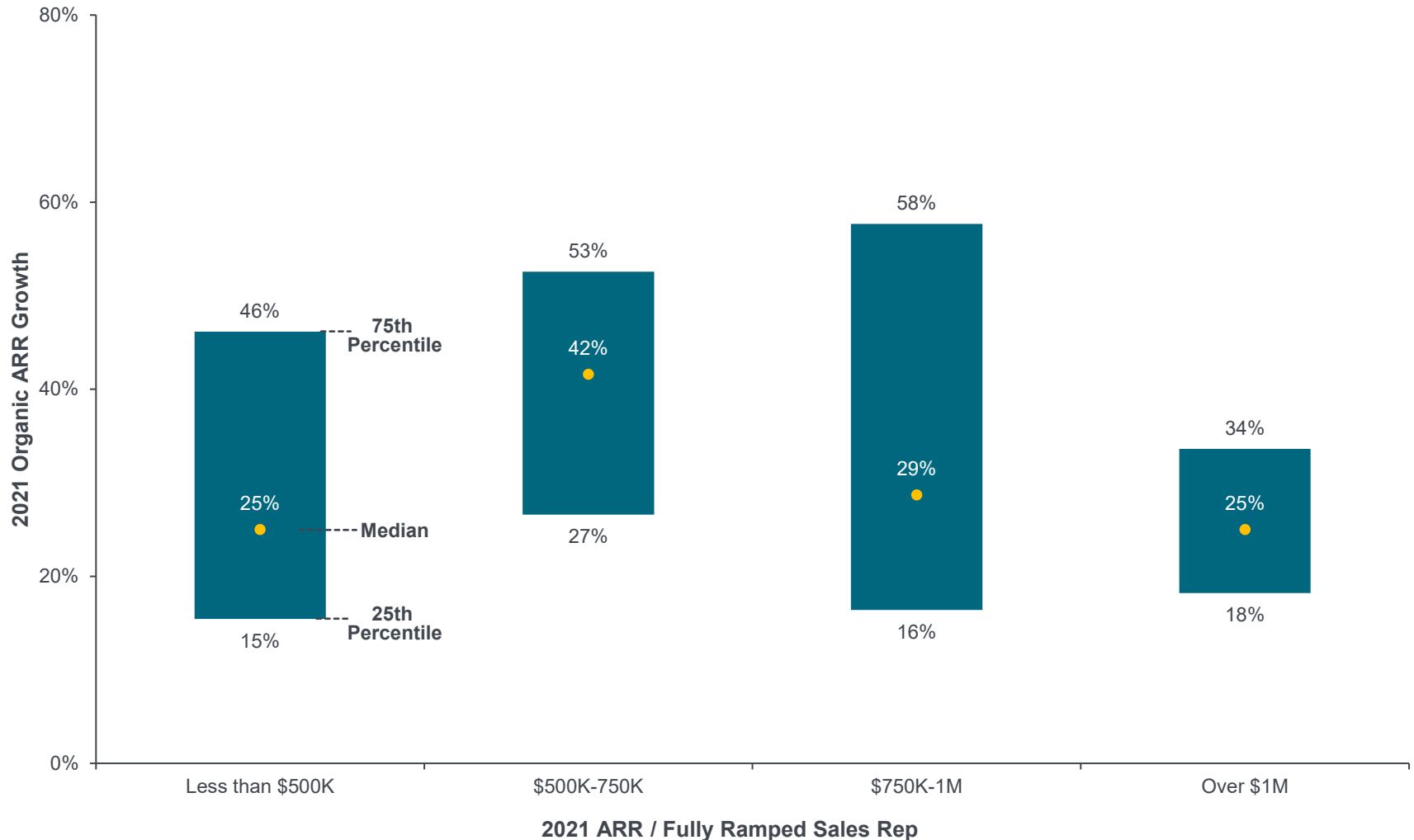
Excluding Companies <\$5MM in 2021 Ending ARR



SALES REP EFFICIENCY VS. GROWTH RATE

2022 Private SaaS Company Survey 

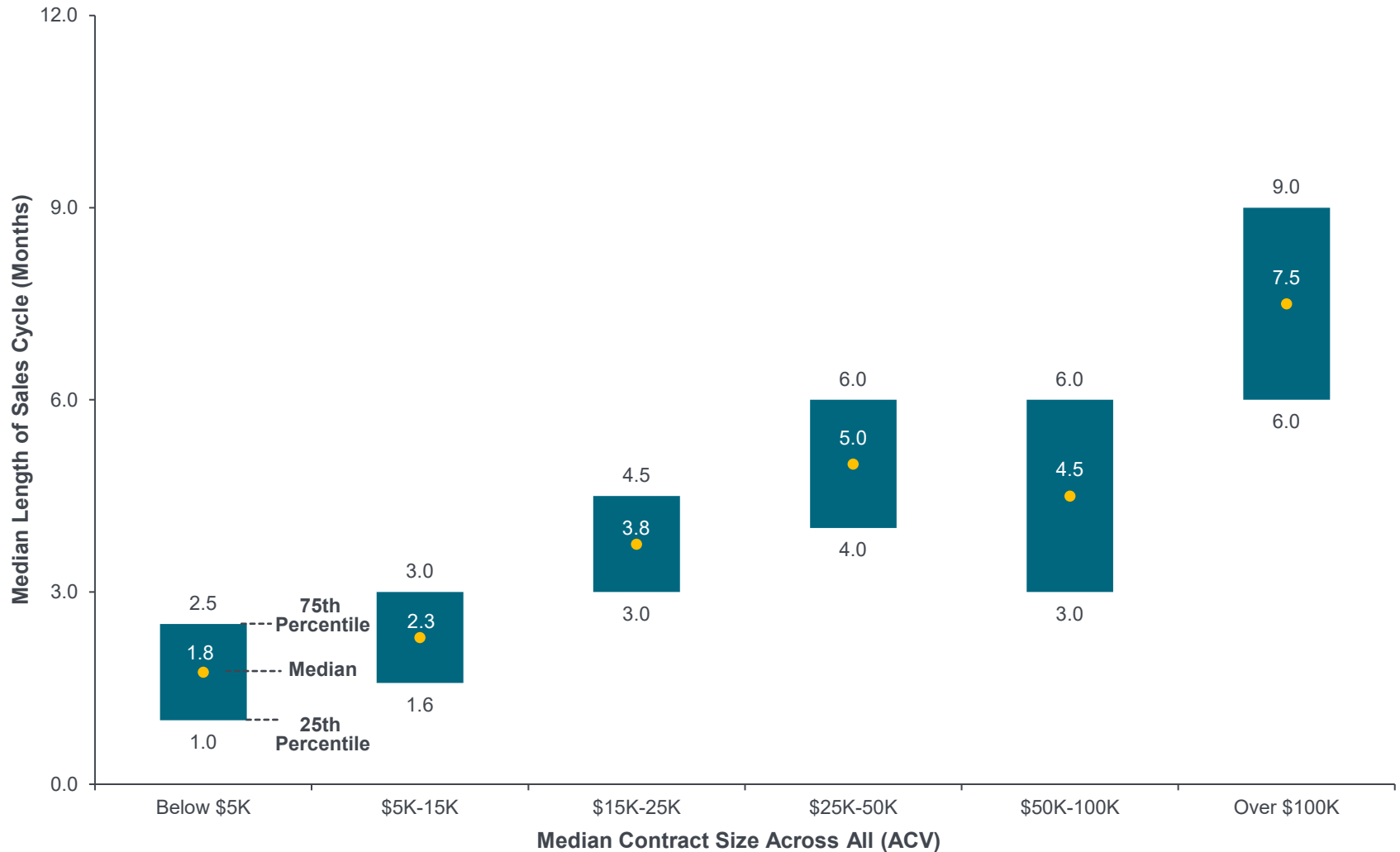
Excluding Companies <\$5MM in 2021 Ending ARR



MEDIAN ACV VS. SALES CYCLE LENGTH

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2021 Ending ARR



CAC RATIOS AND CAC PAYBACK

CAC RATIO DEFINITIONS

2022 Private SaaS Company Survey 

Blended CAC Ratio

Fully-loaded S&M spend to acquire \$1 of new ARR across all customers



$$\frac{2021 \text{ Fully-loaded S\&M}}{2021 \text{ Gross ARR Bookings}}$$

New Customer CAC Ratio

Fully-loaded S&M spend to acquire \$1 of new ARR from a new customer



$$\frac{2021 \text{ Fully-loaded S\&M Targeted at New Customers}}{2021 \text{ ARR Bookings from New Customers}}$$

Upsell & Expansion CAC Ratio

Fully-loaded S&M spend to acquire \$1 of new ARR from upsells and expansions

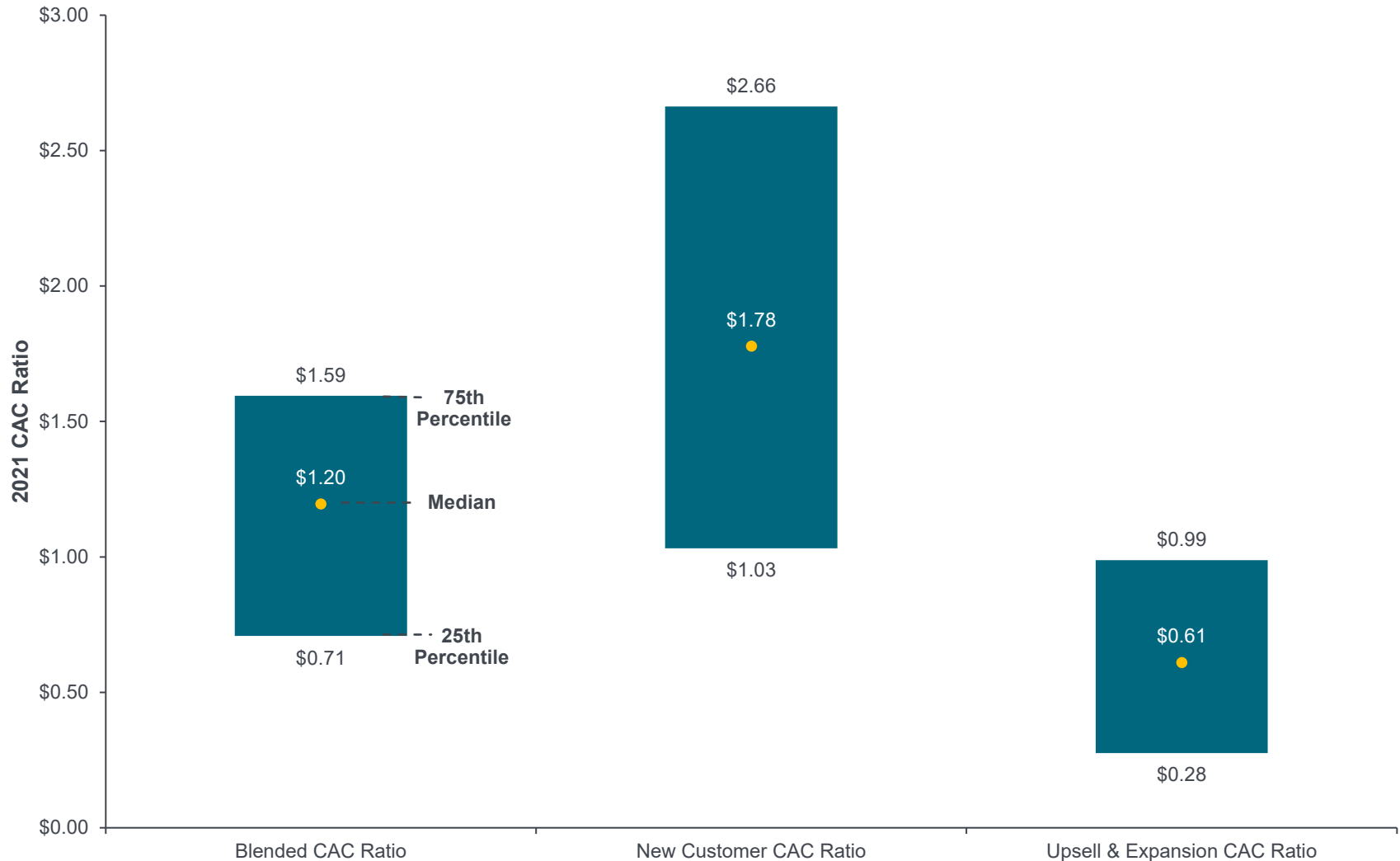


$$\frac{2021 \text{ Fully-loaded S\&M Targeted at Upsell \& Expansion}}{2021 \text{ ARR Bookings from Upsell \& Expansion}}$$

DISTRIBUTION OF 2021 CAC RATIOS

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2021 Sales & Marketing Spend



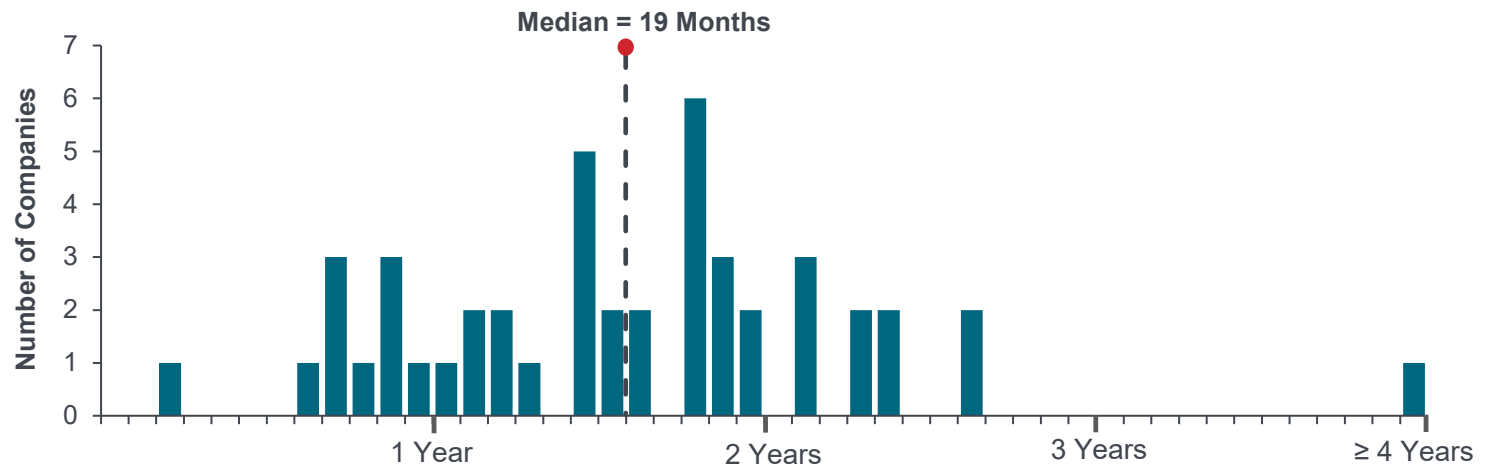
CAC PAYBACK PERIOD¹ (GROSS MARGIN BASIS)

2022 Private SaaS Company Survey 

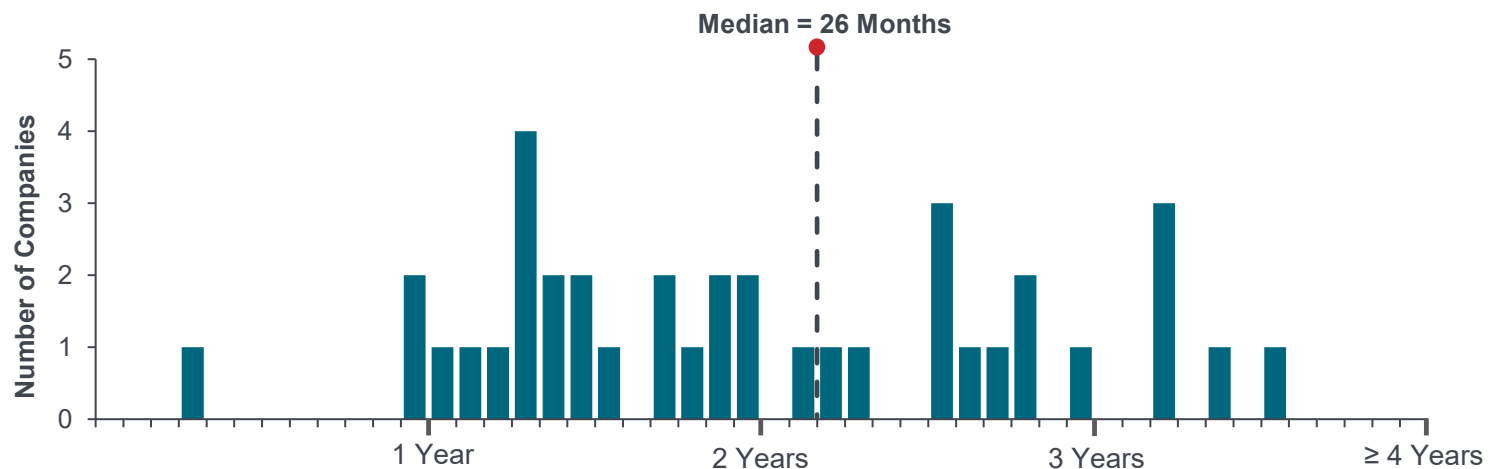
Excluding Companies <\$5MM in 2021 Sales & Marketing Spend

How Long Does It Take to Recover Blended CAC vs. New Customer CAC, Based on Gross Margin Subscription Dollars Received?

Blended CAC
Payback Period



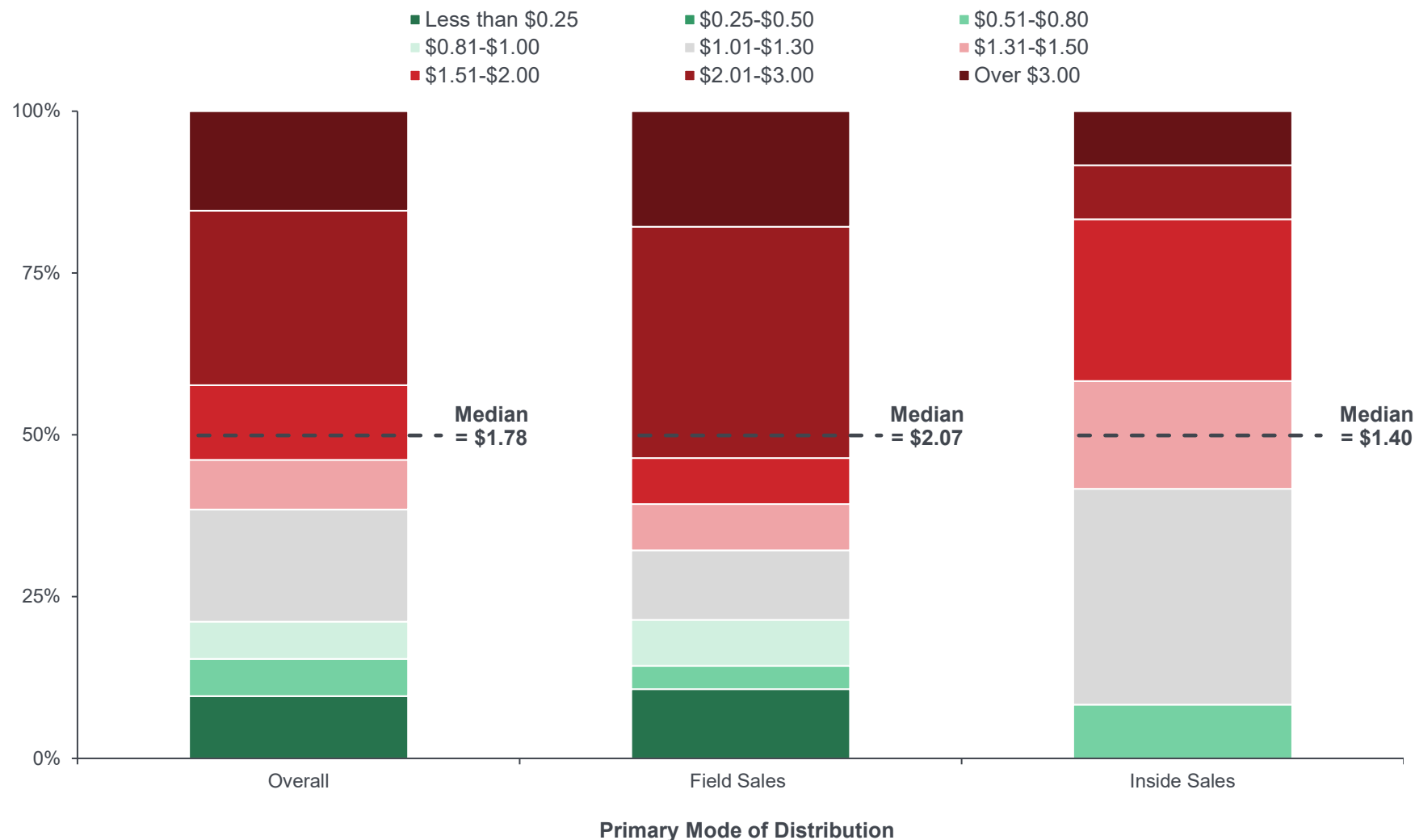
New Customer CAC
Payback Period



NEW CUSTOMER CAC RATIO BY PRIMARY MODE OF DISTRIBUTION¹

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2021 Sales & Marketing Spend



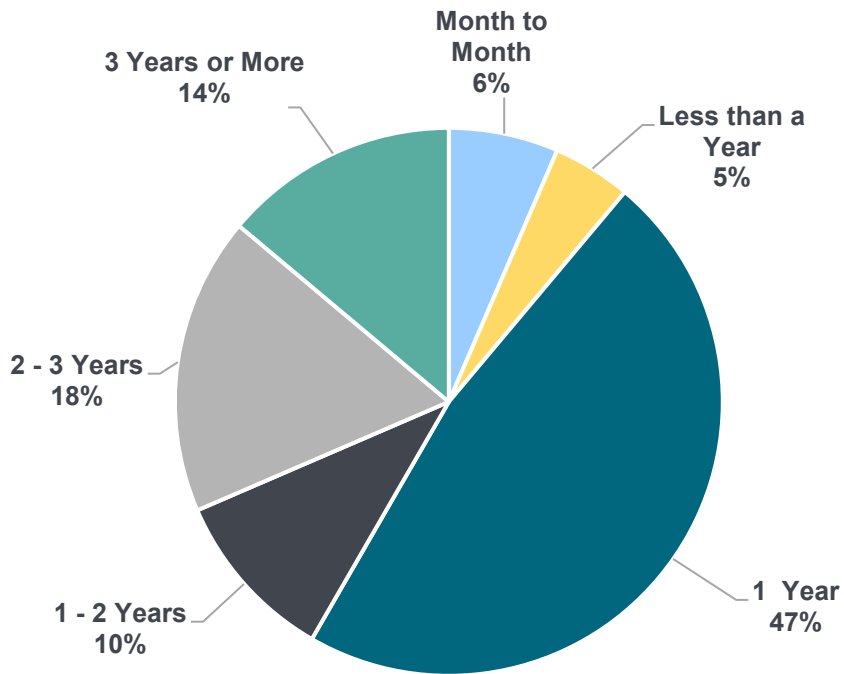
CONTRACTING AND PRICING

MEDIAN / TYPICAL CONTRACT TERMS FOR THE GROUP

2022 Private SaaS Company Survey 

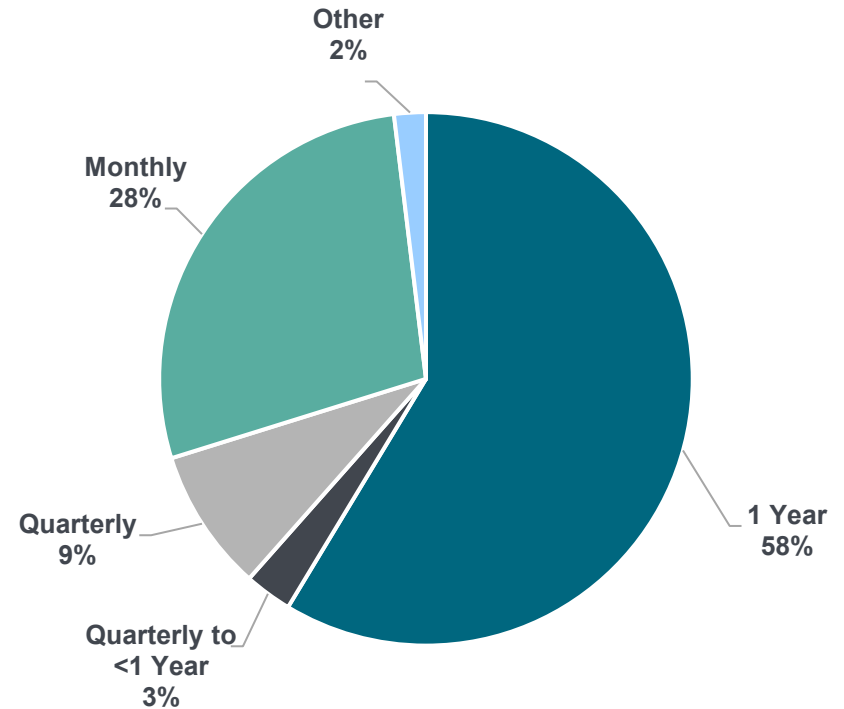
Average Contract Length

Median = 1 Year



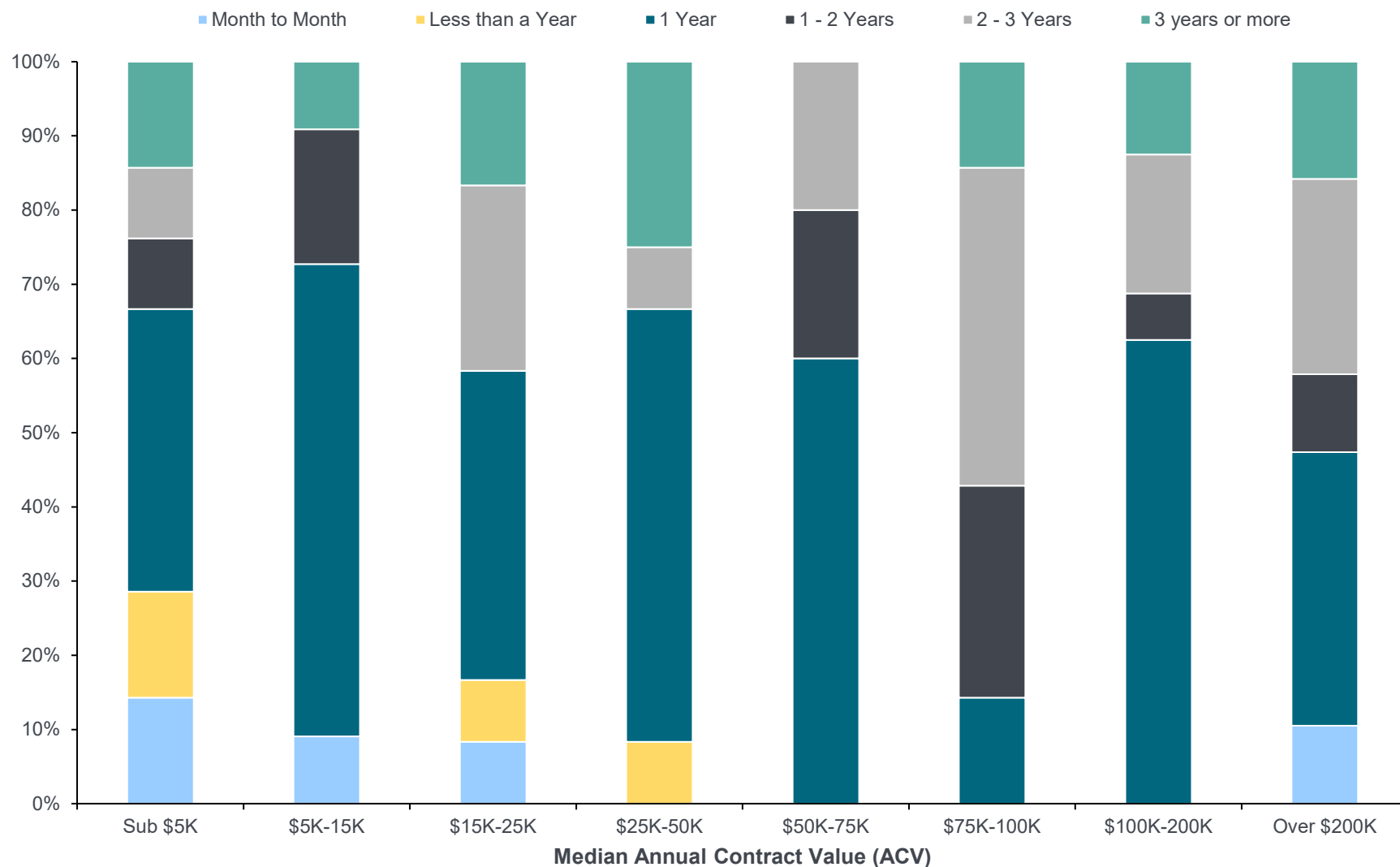
Average Billing Frequency

Median = 1 Year



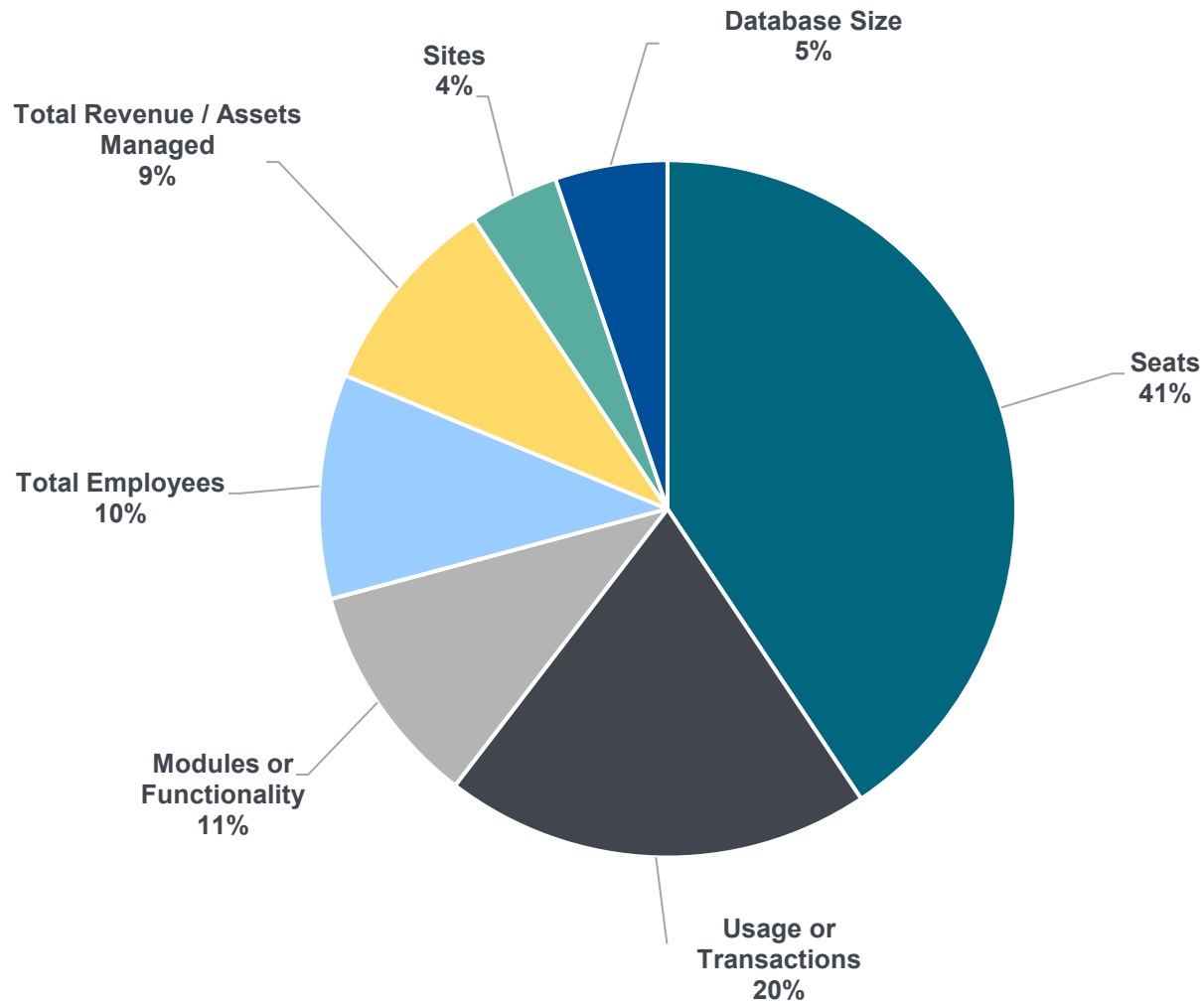
CONTRACT LENGTH AS A FUNCTION OF CONTRACT SIZE

2022 Private SaaS Company Survey 



WHAT IS YOUR PRIMARY PRICING METRIC?

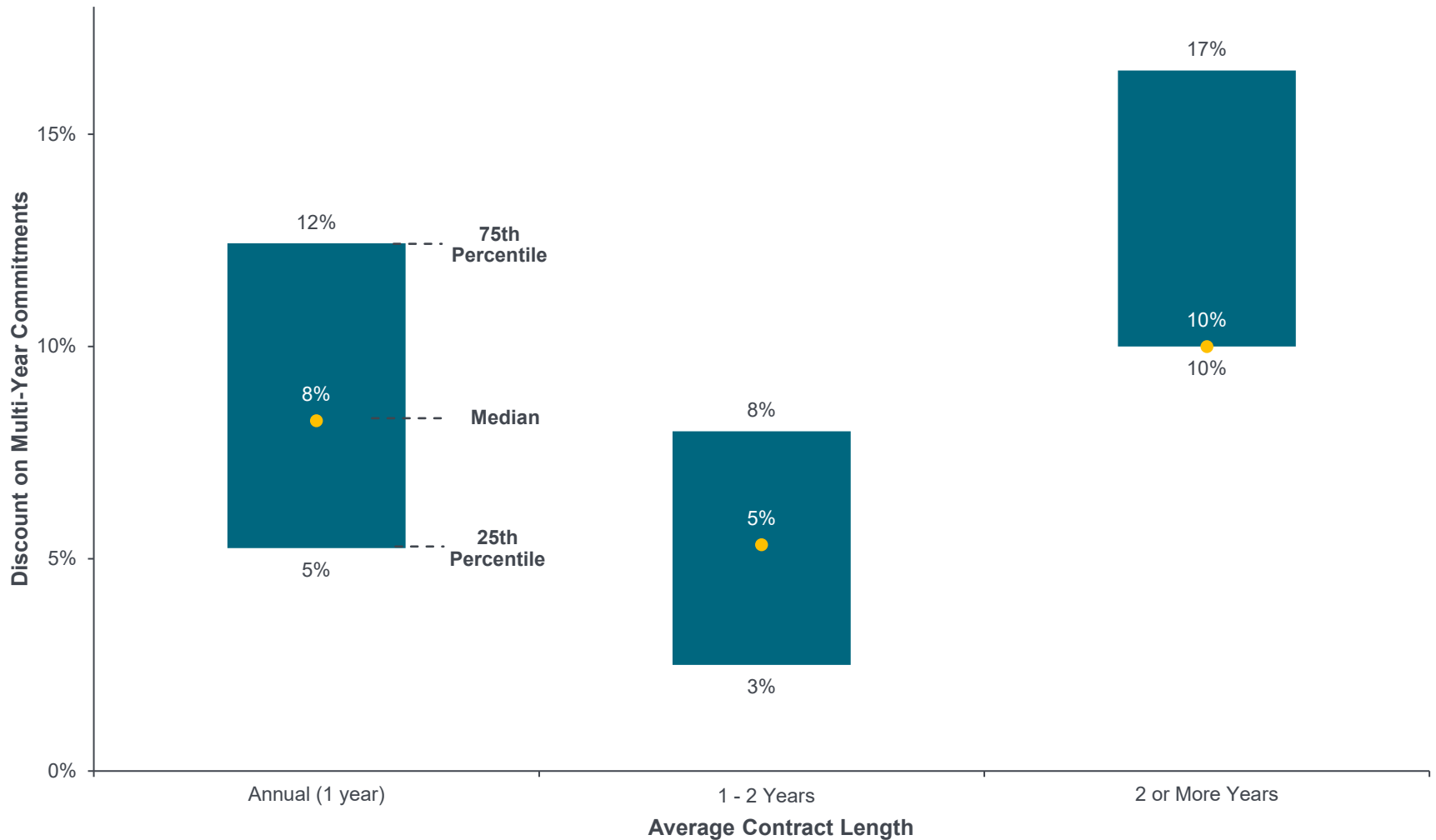
2022 Private SaaS Company Survey 



DISCOUNTS ON MULTI-YEAR COMMITMENTS

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2021 Ending ARR



OPERATIONS AND COST STRUCTURE

HUMAN CAPITAL EFFICIENCY

2022 Private SaaS Company Survey 

ARR per FTE

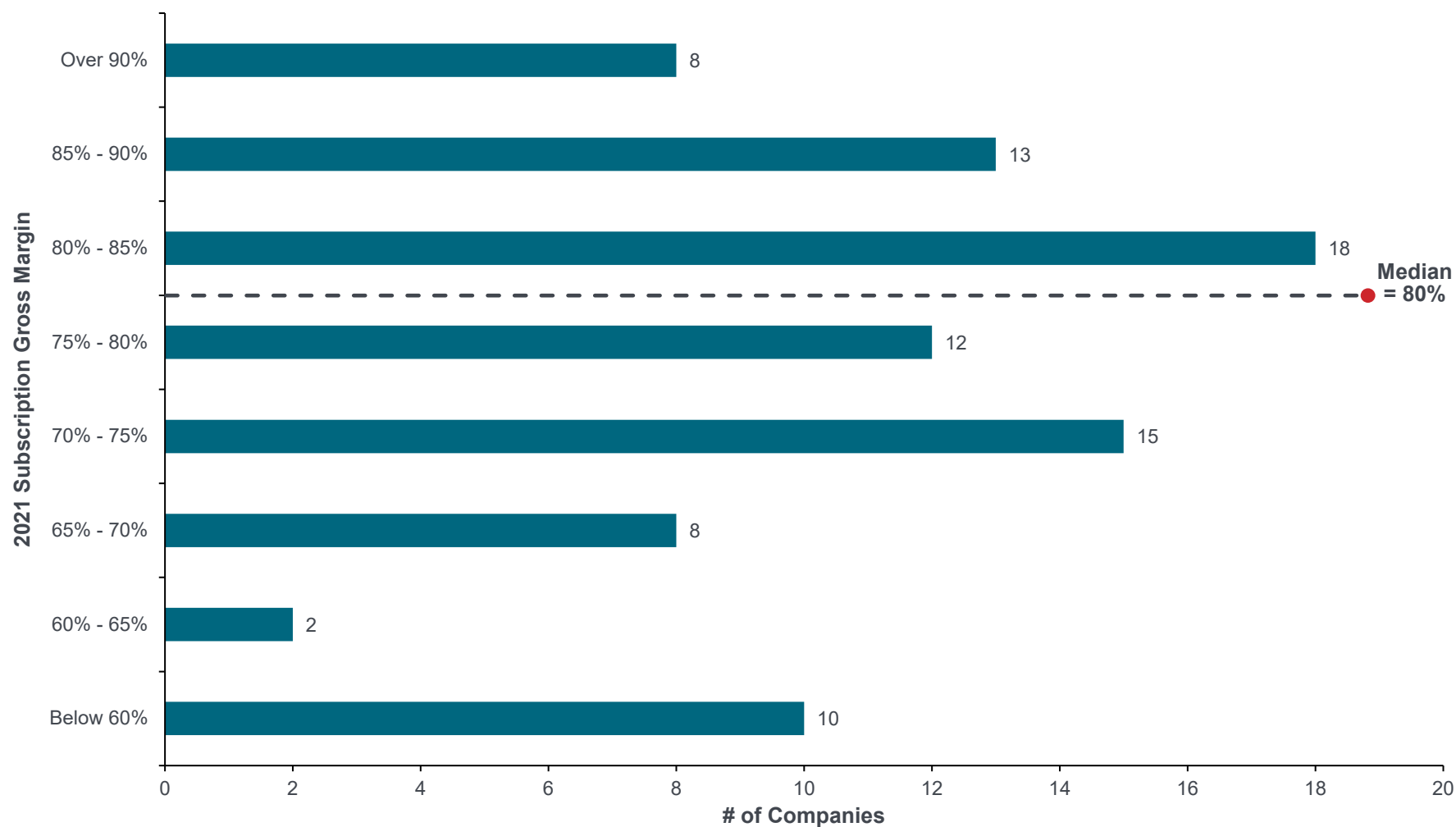


SUBSCRIPTION GROSS MARGIN

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2021 Ending ARR

“What is Your Gross Profit Margin on Just Subscription / SaaS Revenues?”



ALLOCATION OF CUSTOMER SUCCESS AND SUPPORT COSTS

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2021 GAAP Revenue

Customer Success Costs ¹	Average Allocation	Customer Support Costs ²	Average Allocation
Cost of Good Sold	28%	Cost of Good Sold	82%
Sales & Marketing	65%	Sales & Marketing	11%
General & Administrative	8%	General & Administrative	7%

	Customer Success Cost Allocation ³		
	All / Most in COGS	All / Most in S&M	Split
Number of Respondents	15	41	19
Median Total Gross Margin	73%	74%	78%
Median Subscription Gross Margin	76%	80%	78%
Median S&M as a % of Revenue	40%	42%	30%

¹ Customer Success / Account management defined as personnel expenses involved in renewals and upsell / cross-sells / expansions

² Customer Support defined as costs associated with supporting existing customers' use of a product

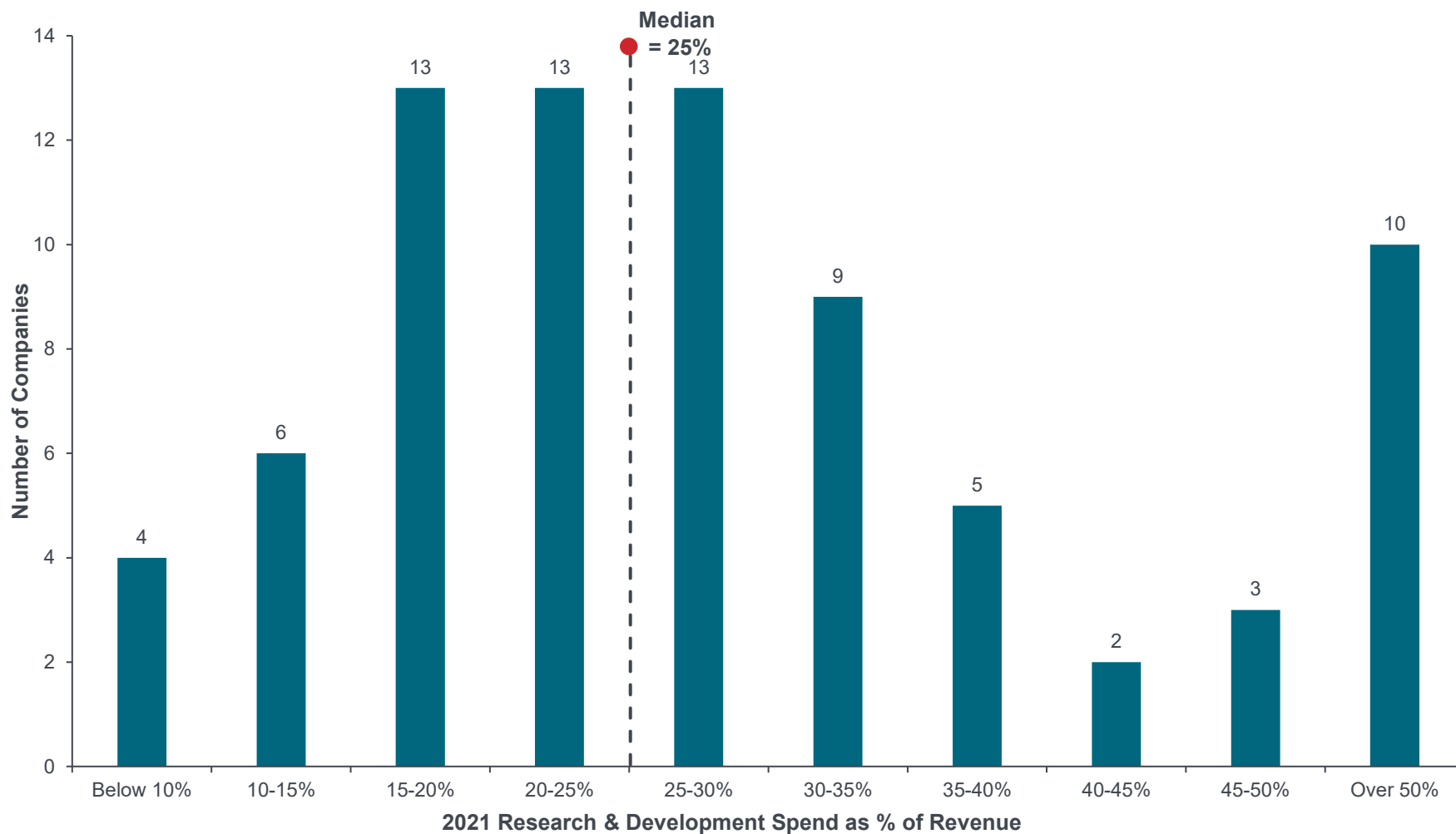
³ Bucket defined as 80% or greater allocated in respective category, otherwise considered Split

Respondents: Customer Success Costs: 76, Customer Support Costs: 79

R&D AS % OF REVENUE HISTOGRAM

2022 Private SaaS Company Survey 

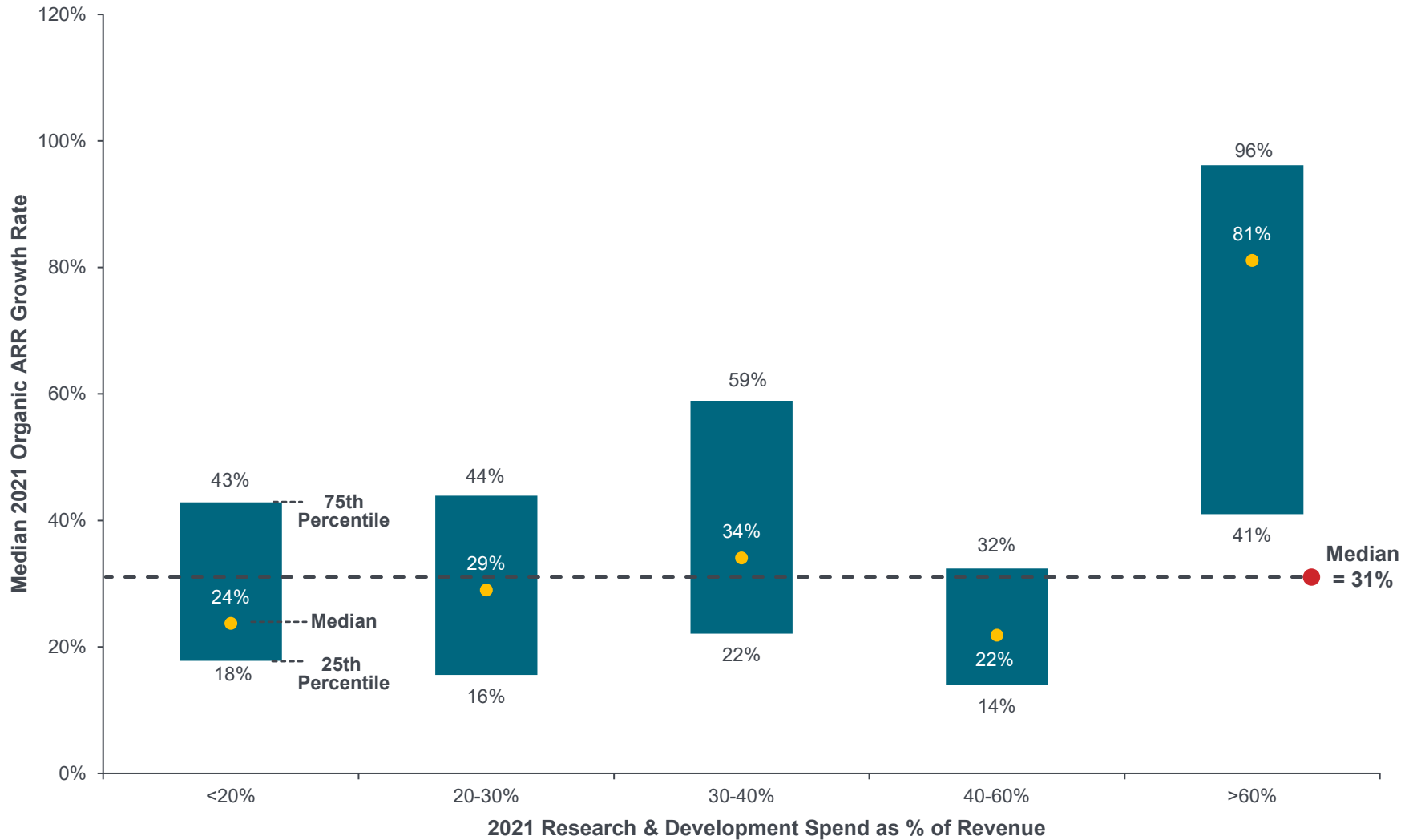
Excluding Companies <\$5MM in 2021 Ending ARR



R&D AS % OF REVENUE VS. GROWTH

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2021 Ending ARR



COST STRUCTURE

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2020 and 2021 GAAP Revenue

Gross Margins:	2020 Median ¹	2021 Median ¹
Subscription Gross Margin	80%	77%
Total Gross Margin ²	73%	73%

Operating Expense Margins:		
Sales & Marketing	35%	40%
Research & Development	26%	25%
General & Administrative	18%	19%

Profitability & Growth:		
EBITDA Margin	(1%)	(10%)
FCF Margin	0%	(5%)
YoY Organic ARR Growth Rate	27%	28%

¹ All margins based on 2020 and 2021 GAAP, adjusted for stock-based compensation add-back

² Gross margin determined based on including customer support in COGS

Note: Margins may differ from margins on other pages due to the fact that the \$5MM size threshold is based on companies' 2021 GAAP Revenue instead of 2021 ARR (consistent with previous years' surveys)

2020 Respondents Reporting: Subscription Gross Margin: 169, Gross Margin: 169, Sales & Marketing: 177, Research & Development: 170, General & Administrative: 170, EBITDA Margin: 172, FCF Margin: 173, YoY Organic ARR Growth Rate: 187

2021 Respondents Reporting: Subscription Gross Margin: 86, Gross Margin: 86, Sales & Marketing: 86, Research & Development: 86, General & Administrative: 86, EBITDA Margin: 85, FCF Margin: 83, YoY Organic ARR Growth Rate: 86

MEDIAN COST STRUCTURE BY SIZE

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2021 GAAP Revenue

	Size of Company (2021 GAAP Revenue)				
	All Respondents	\$5MM –\$25MM	\$25MM –\$50MM	\$50MM –\$100MM	>\$100MM
Gross Margins:					
Subscription Gross Margin	77%	76%	78%	82%	75%
Total Gross Margin	73%	75%	76%	71%	65%
Operating Expense Margins:					
Sales & Marketing	40%	40%	40%	39%	40%
Research & Development	25%	26%	24%	26%	20%
General & Administrative	19%	20%	20%	16%	16%
Profitability and Growth:					
EBITDA Margin	(10%)	(10%)	(15%)	0%	(9%)
FCF Margin	(5%)	(5%)	(11%)	0%	(6%)
YoY Organic ARR Growth Rate	28%	31%	30%	23%	48%

FOR COMPARISON: HISTORICAL RESULTS OF SELECTED PUBLIC SAAS COMPANIES

2022 Private SaaS Company Survey 

	Public SaaS at Historical Revenue Run-Rates		
	~\$25MM	~\$50MM	~\$100MM
	Median Values		
Gross Margins:			
Total Gross Margin	64%	67%	69%
Operating Expense Margins:			
Sales and Marketing	47%	44%	44%
Research and Development	23%	23%	22%
General and Administrative	15%	16%	16%
Profitability and Growth:			
EBIT Margin	(29%)	(24%)	(25%)
Adj. EBITDA Margin	(25%)	(12%)	(15%)
FCF Margin	(31%)	(20%)	(20%)
YoY Revenue Growth Rate ¹	88%	46%	44%

¹ YoY Revenue Growth compares against previous year's revenue of the companies at the time

Note: Excludes stock-based compensation (SBC)

Median includes AI, ALKT, ALRM, AMBR, AMPL, API, APPF, APPN, APTI, ASAN, ATHN, AVDX, AVLRL, AYX, BCOV, BIGC, BILL, BL, BLND, BNFT, BOX, BV, CARB, CFLT, CNVO, COUP, COVS, CRM, CRWD, CSLT, CSOD, CTCT, CVT, CXM, DDOG, DMAN, DOMO, DWRE, ECOM, ELLI, EOPN, ESTC, ET, EVBG, FIVN, FLTX, FROG, FSLY, GTLB, HCP, HUBS, INST, JIVE, KLTR, KXS, LOGM, MB, MDB, MIME, MKTG, MKTO, MNDY, MRIN, MULE, N, NCNO, NET, NEWR, NOW, ONTF, OKTA, OPWR, PAYC, PCOR, PCTY, PD, PFPT, PLAN, QLYS, QTWO, RNG, RNOW, RP, RSKD, S, SEMR, SEND, SFSF, SHOP, SMAR, SNOW, SPSC, SPT, SQI, SUMO, TOST, TENB, TLEO, TWLO, TWOU, TXTR, ULTI, VEEV, VTEX, VOCS, WDAY, WK, WKME, WORK, XRO, XTLY, YDLE, ZS and ZUO

~\$25MM median excludes AI, ALKT, ALRM, AMBR, AMPL, APPN, APTI, ASAN, ATHN, AVDX, AVLRL, BIGC, BILL, BL, BLND, BNFT, CBLK, CFLT, COUP, COVS, CRWD, CSLT, CVT, CXM, DDOG, DOMO, ECOM, ELLI, EOPN, ESTC, FIVN, FLTX, FROG, GTLB, FSLY, HCP, KLTR, KXS, MB, MDB, MIME, MKTG, MKTO, MNDY, MULE, N, NCNO, NET, OKTA, ONTF, PAYC, PCOR, PCTY, PD, PFPT, PLAN, QLYS, RNG, RP, RSKD, S, SEMR, SEND, SFSF, SMAR, SNOW, SPT, SUMO, TENB, TOST, TWLO, ULTI, VTEX, WK, WKME, WORK, WTC, XRO, YDLE, ZS and ZUO

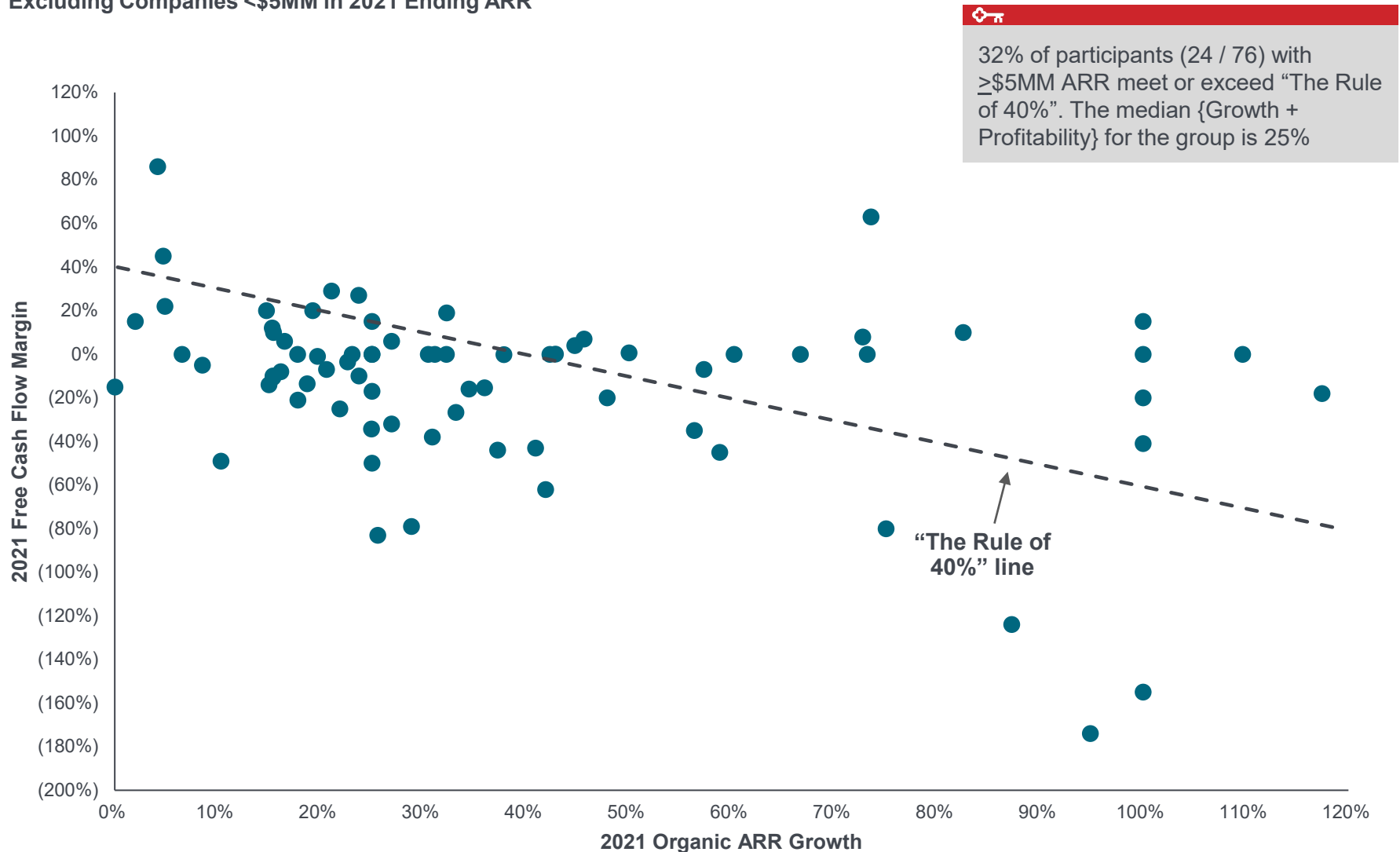
~\$50MM median excludes AI, ALRM, APPN, AMPL, APTI, AVDX, AVLRL, BIGC, BNFT, BSY, BV, CBLK, CFLT, CXM, DDOG, DOMO, FLTX, FSLY, HCP, MDB, N, NET, NEWR, ONTF, PCOR, PD, PLAN, RP, RSKD, SEMR, SNOW, SFSF, TENB, TOST, WDAY, WKME, WORK and ZUO

~\$100MM median excludes BLND, BOX, CFLT, CXM, EOPN, KLTR, NOW, S and VEEV

MEASURING SURVEY PARTICIPANTS AGAINST “THE RULE OF 40%”

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2021 Ending ARR



COMPARISON OF “THE RULE OF 40%” QUALIFIERS VS. OTHERS

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2021 Ending ARR

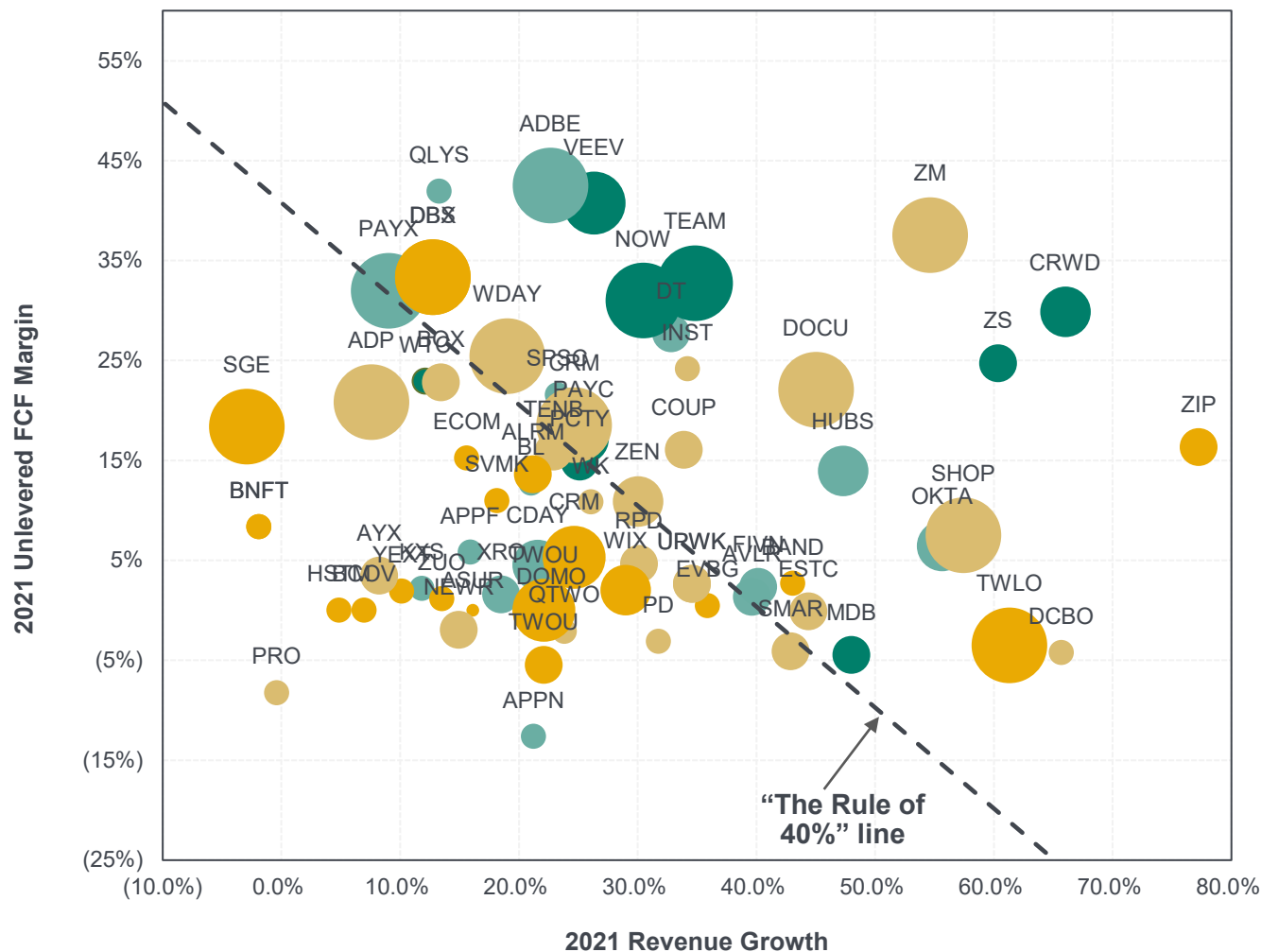
	Rule of 40% ⁽¹⁾	
	{G + P} ≥ 40% (Medians)	{G + P} < 40% (Medians)
Respondents	24	52
Scale / Growth / Profitability:		
2021 Ending ARR (MM)	\$21.5	\$17.6
2021 Organic ARR Growth Rate	59%	25%
2021 FCF Margin	0.0%	(0.1%)
% of Gross Bookings from New Customers	62%	51%
Churn & CAC:		
Annual Gross Dollar Churn	9%	12%
Net Dollar Retention Rate	115%	105%
% of Bookings from Upsells and Expansions	38%	49%
Blended CAC Ratio	\$0.71	\$1.21
CAC Ratio for New Customers	\$1.05	\$1.80
Margins:		
Subscription Gross Margins	79%	78%
Sales & Marketing Expense	40%	40%
Research & Development Expense	22%	27%
General & Administrative Expense	18%	18%
Business Focus / Go-To-Market:		
% of Companies with a Vertical Focus	21%	13%
% of Companies with an Enterprise Focus	50%	44%
% of Companies with a Middle Market Focus	17%	12%
% of Companies with an SMB Focus	8%	13%
% of Companies with an Inside Sales GTM	25%	21%
% of Companies with a Field Sales GTM	67%	50%
Median ACV per Customer	\$83K	\$30K
Capital / Maturity:		
Capital Consumption Ratio	1.1x	1.6x



Customer Acquisition Cost, among other metrics, stands out as a differentiator between companies which achieve “Rule of 40%” status and those which don’t

FOR COMPARISON: “THE RULE OF 40%” FOR PUBLIC SaaS COMPANIES

2022 Private SaaS Company Survey 



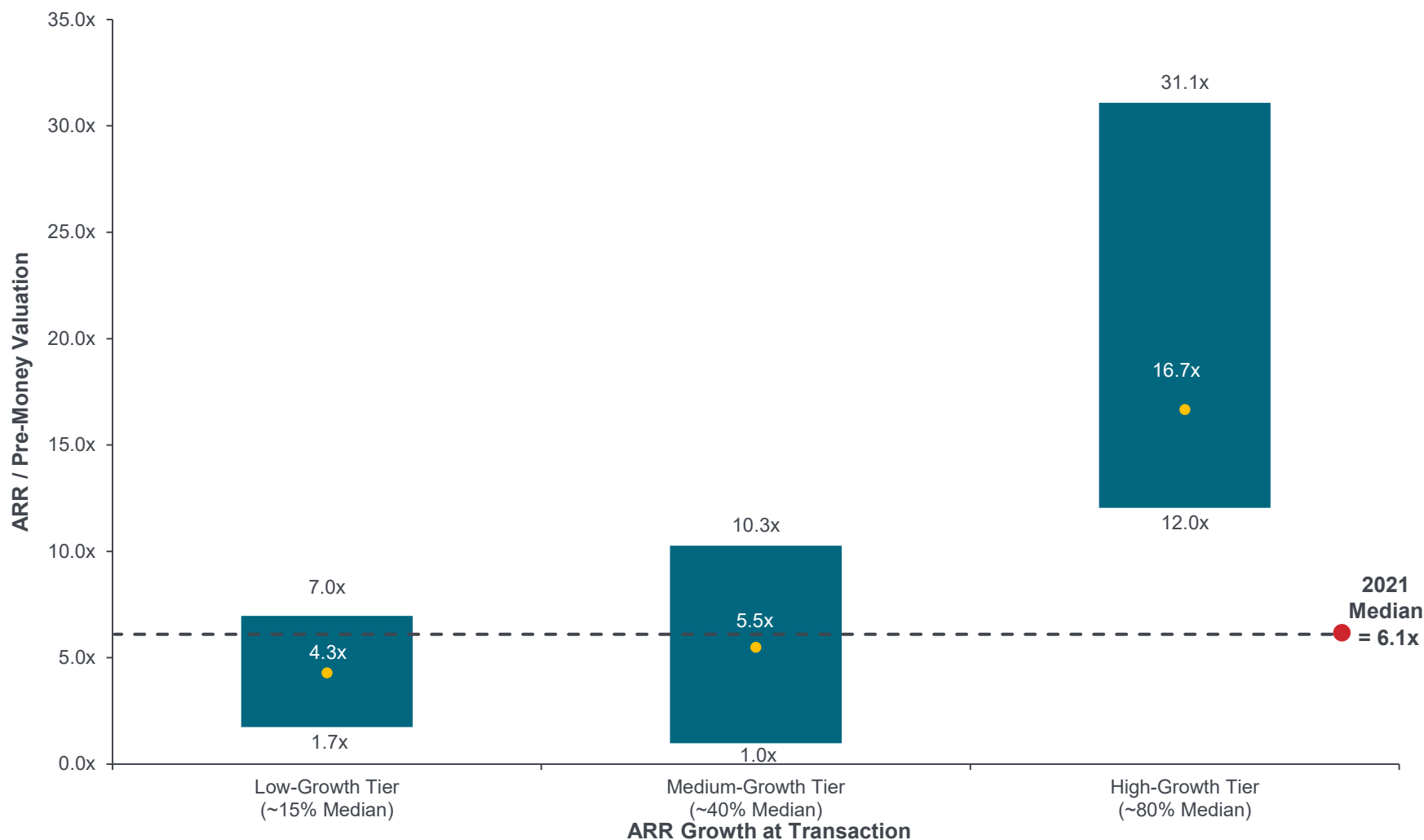
For comparison, public SaaS companies' median growth + profitability in 2021 was 40%. SaaS companies that achieved or beat the Rule of 40% in our survey was 32%

VALUATION, CAPITAL EFFICIENCY AND EXIT EXPECTATIONS

VALUATION BY GROWTH SINCE JANUARY 2021

2022 Private SaaS Company Survey 

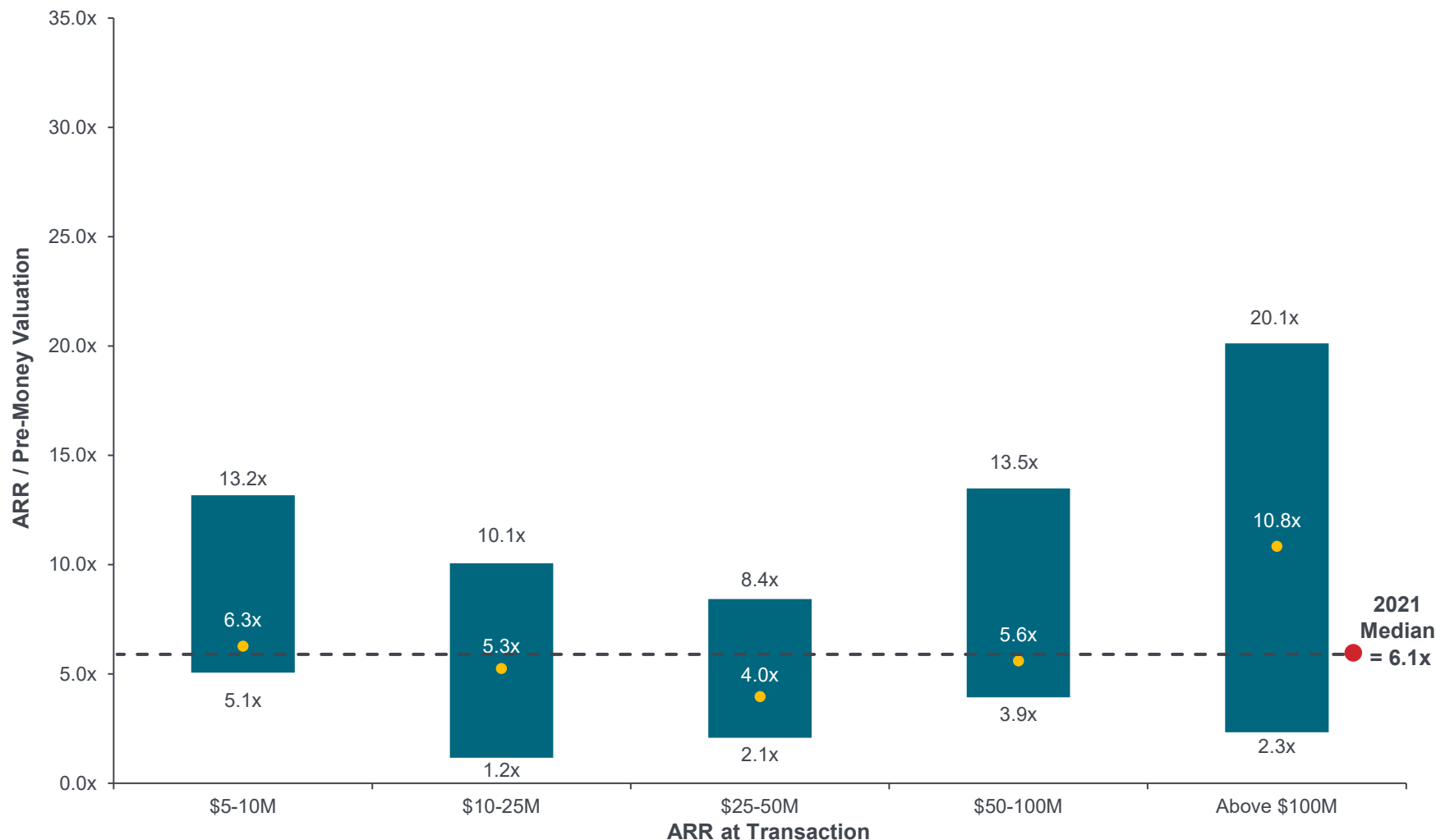
Excluding Companies <\$5MM in Ending ARR at Time of Last Capital Raise or Change of Control Event



VALUATION BY SIZE SINCE JANUARY 2021

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in Ending ARR at Time of Last Capital Raise or Change of Control Event



CAPITAL EFFICIENCY

2022 Private SaaS Company Survey 

Time and Investment Required to Reach Selected ARR Thresholds

Threshold	Medians			
	2020 Years Required	2020 Total Capital Consumed (MM) ¹	2021 Years Required	2021 Total Capital Consumed (MM) ¹
\$5MM ARR	4.4	\$6.5	4.5	\$9.2
\$10MM ARR	5.1	12.7	5.6	16.0
\$25MM ARR	6.5	21.5	7.1	31.5
\$50MM ARR	7.9	32.1	7.6	51.3
\$100MM ARR	8.7	52.1	9.3	72.7

¹ Capital consumed defined as total cumulative primary equity raised plus debt drawn minus cash on the balance sheet (adjusted for dividends / distributions)

2022 Total Respondents: Years Required: 84, Capital Consumed: 77

2021 Total Respondents: Years Required: 182, Capital Consumed: 162

MEDIAN EXIT EXPECTATIONS

2022 Private SaaS Company Survey 

Excluding Companies <\$5MM in 2021 Ending ARR



As expected, companies anticipating an eventual public listing are growing significantly faster and burning more – specifically on Sales and Marketing. These companies are also able to drive more upsell and expansion revenue evidenced by strong net dollar retention

Median	Expected Exit			
	Public Listing	Acquisition by Sponsor	Acquisition by Strategic	Uncertain
2021 Ending ARR	\$59M	\$44M	\$12M	\$26M
2021 Organic Growth	56%	22%	25%	24%
2021 FCF Margin	(20%)	9%	(10%)	0%
2021 Rule of 40	23%	29%	19%	19%
S&M % of Revenue	50%	30%	40%	40%
New CAC Ratio	\$1.07	\$1.08	\$1.82	\$1.82
Gross Dollar Churn	(12%)	(12%)	(11%)	(11%)
Net Dollar Retention Rate	115%	101%	109%	102%
Capital Consumed to Date	\$43M	\$13M	\$28M	\$8M
Ownership Status (VC / PE / Independent & Other)	78% / 13% / 9%	33% / 67% / 0%	56% / 25% / 19%	69% / 23% / 8%

KBCM TECHNOLOGY GROUP LEADERSHIP IN SOFTWARE TRANSACTION EXECUTION

2022 Private SaaS Company Survey 

Advisory

\$140,000,000 platform.sh received an investment from DIGITAL PARTNERS Revaia Morgan Stanley	Undisclosed GLOBAL UPSIDE CORPORATION acquired by SAFEGUARD GLOBAL portfolio company of AKKR	Undisclosed QUANTUM WORKPLACE portfolio company of McCarthy Capital LLR Partners	Undisclosed FOGHORN acquired by Johnson Controls	\$160,000,000 SMARTLING has received an investment from Battery	\$350,000,000 CloudCheckr acquired by NetApp	\$255,000,000 convey acquired by project44	Undisclosed Sensu acquired by SUMO
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Equity Capital Markets

December 2021 HashiCorp \$1,224,000,000	October 2021 GitLab \$800,800,000	October 2021 avidxchange \$660,000,000	September 2021 Amplitude Direct Listing	September 2021 toast \$1,000,000,000	July 2021 riskified \$367,500,000	July 2021 VTEX \$415,150,000	July 2021 KALTURA \$150,000,000
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Debt Capital Markets

September 2022 VISTA EQUITY PARTNERS ELLIOTT acquired citrix \$16,500,000,000 Senior Credit Facilities Joint Bookrunner	July 2022 celonis \$500,000,000 Senior Credit Facilities Joint Bookrunner	June 2022 OneTrust \$100,000,000 Senior Credit Facilities Joint Bookrunner	April 2022 FINANCIALFORCE \$175,000,000 Senior Credit Facilities Joint Bookrunner	March 2022 DigitalOcean \$250,000,000 Senior Credit Facilities Joint Bookrunner	March 2022 PERMIRA CROSSPOINT CAPITAL acquired McAfee \$9,996,000,000 Senior Credit Facilities Joint Bookrunner	January 2022 ZipRecruiter \$550,000,000 Senior Notes Joint Bookrunner	December 2021 WOW! \$980,000,000 Senior Credit Facilities Joint Bookrunner
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