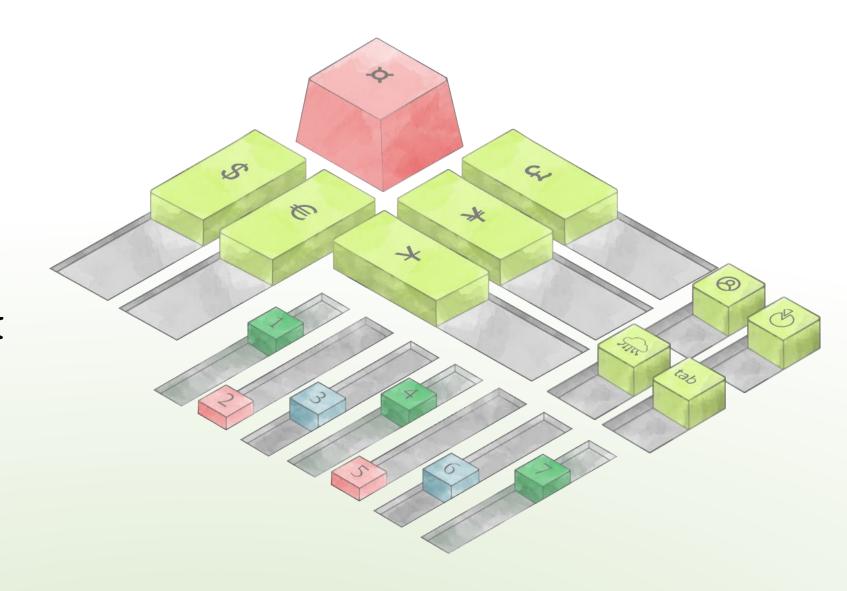
June 2024

Engineering Series

Compensation & Incentives

A deep dive into compensation for Engineering and Product teams



About the research

Explore the series

R&D is increasingly becoming a bigger line item in total spend and **a key differentiator for companies**, yet it is often the function that organizations have the **least visibility into**. Unlike finance or sales and marketing, it is also challenging for engineering leaders to find relevant or publicly available data and insights to benchmark their engineering team performance.

In this series

We use organizational data and industry perspectives to **provide detailed answers** to the key R&D questions we receive from SaaS leaders. Although engineering and product development are closely tied, this series will be focused **primarily on** engineering-specific metrics and challenges. We will examine topics spanning the state of modern-day engineering orgs, developer productivity, compensation, org structure, and engineering operations, in order to share best practices and proprietary benchmarks to help you scale your engineering organization.

In this report

We analyze the **compensation cost of modern-day engineering organizations** in 2024, with a particular focus on the impact of factors such as **stage of company¹ and location**. We also review how companies evaluate the performance of their engineering employees.

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Access the Full Engineering Series

Chapters in The Series

ICONIQ Growth's
Engineering Series
provides detailed answers
to key questions across the
following operating and
executive hiring topics
utilizing proprietary data¹
and industry perspectives
from 200+ B2B SaaS
leaders and 100+
engineers at SaaS
companies.

★ The State of Engineering	 The future of engineering DevOps maturity Developer experience Impact of AI 					
Product Leadership	 Hiring your next Head of Product from \$0-\$50M ARR Hiring your next Head of Product from \$50M ARR to IPO Hiring your next Head of Engineering from \$0-\$50M ARR Hiring your next Head of Engineering from \$50M ARR to IPO 					
Engineering Leadership						
Building Engineering and Product Teams	 Org structure and make-up of engineering teams Typical headcount ratios Diversity in engineering 					
Compensation & Incentives	 Compensation for engineering and product teams Performance evaluation 					
Engineering Operations	 Developer productivity Capacity allocation Tooling and DevOps The Engineering Reporting Guide Board Slides					

Notes: (1) Please refer to page 6 for methodology and data sources

There can be no such assurances that any plans or operational characteristics of a company discussed herein will continue or be realized on the terms expressed herein or at all, and such plans are subject to uncertainties and risks

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Supporting founders through pivotal milestones and various stages of growth

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Talent and Leadership Advisory

Guidance to attract and unlock the power of talent through advisory, connections and research

"ICONIO delivered the best reference check I've ever seen, overnight."



||Eleven llLabs Mati Staniszewski Co-founder and CEO

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Revenue Acceleration

Portfolio Operations

Digital and Growth Advisory Boards

Strategic and commercial connections across industries to support global expansion goals

"The customer introductions have been incredibly valuable. ICONIQ's relationships are truly deeper."



SIERRA

Bret Taylor Co-founder and CEO

Category Leadership + **Operational Optimization**

Analytics and Insights

Data-driven insights to support decision making across business operations and strategy

"Working with ICONIQ has been a dream partnership, they've gone above and beyond at every step."



WRITER Mav Habib Co-founder and CEO

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Follow our research





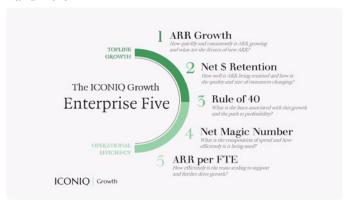






Go-To-Market Series

Guides to sales, customer success, marketing compensation – and more



The ICONIQ Growth Enterprise Five

Key performance indicators of Enterprise SaaS companies



Decoding the SaaS IPO Landscape

The metrics that matter and the market realities of 2024 and beyond



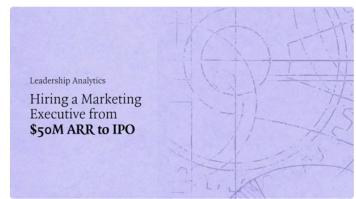
The SaaS Glossary

A guide to understanding and tracking key SaaS metrics



2023 Growth & Efficiency Report

Explore our research on best-in-class SaaS growth and efficiency



Hiring Your Next Marketing Leader

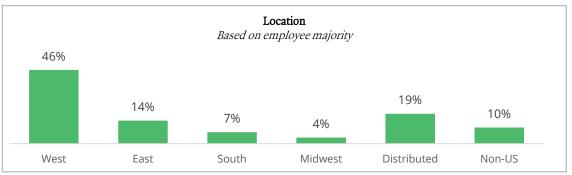
What to prioritize when hiring a Marketing executive from \$50M ARR to IPO

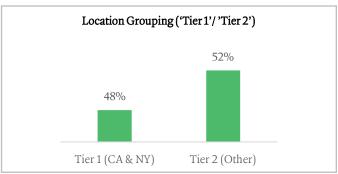


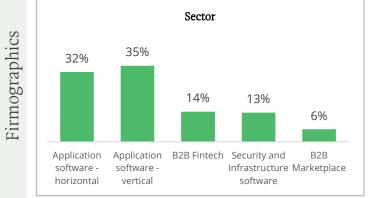
Data from Engineering Leaders

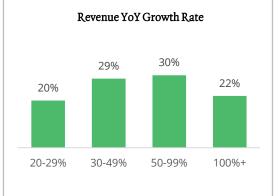
Data Sources & Methodology

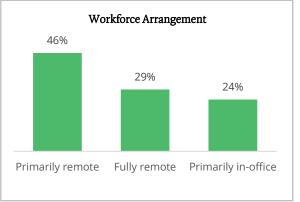
This study summarizes data¹ from a December 2023 survey of **200 engineering executives** at B2B SaaS companies, including CTOs, founders, and VPs of Engineering.

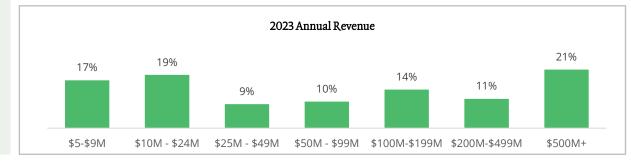


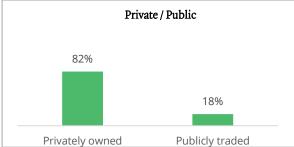












^{1.} This data was collected anonymously by an external survey. Survey responses include some but not all ICONIQ Growth portfolio companies as well as companies not part of ICONIQ Growth's portfolio. For a complete list of ICONIQ Growth portfolio companies, please see the appendix.

Collaborators & Industry Perspectives

Throughout this series, we also weave in perspectives, insights, and best practices from engineering executives in the ICONIQ Growth SaaS portfolio and network.

Perspectives were gathered via interviews with the following collaborators as well as other generational leaders via ICONIQ Growth communities and events.

All industry perspectives shared in this report have been anonymized to protect company-level information.



Pedro Canahuati



BetterUpAmol Kher
VP Engineering



DRATA

Daniel Marashlian
Co-founder, CTO



₩ DevRevManoj AgarwalCo-founder, President



ez cater Erin DeCesare



Nayya Arik Gaisler CTO



rechargeJoseph MosbyDirector of Engineering



WINITE US

Raffaelle Breaks

CPO and CTO



Dana Morris
Sr VP, Product & Eng.



Wealthsimple
Diederik van Liere



WRITERWaseem AlShikh
Co-founder, CTO

And additional insights from select ICONIQ Technical Advisory Board Members



Aditya Agarwal
Former CTO at
Dropbox
Formerly: Co-founder at

Cove, Director of Product

Engineering at Meta

Meta



Anantha Kancherla
VP ADAS at General
Motors

Formerly: Head of AI Platform at Meta, VP Engineering at Lyft Level 5



Matt Eccleston
Former VP Growth
at Dropbox

Formerly: Chief Architect at VMware













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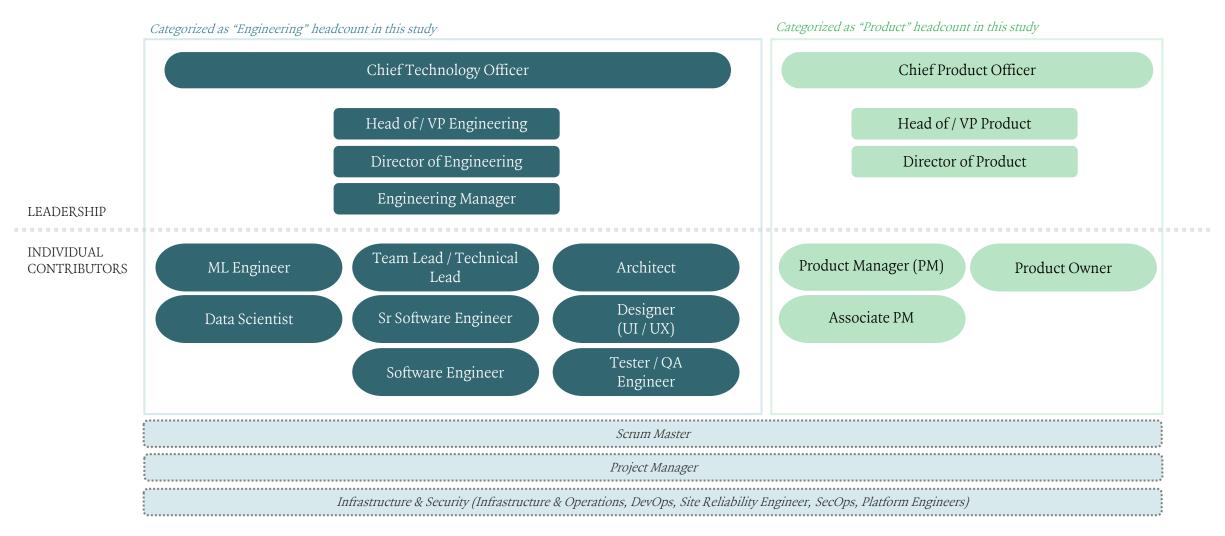
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The R&D Org

This is an illustrative R&D organization framework; not all organizations will have each role shown here depending on maturity and some may benefit from a different reporting hierarchy than the one shown.

In particular, the organizational structure of your R&D teams will vary significantly depending on whether you have a product-centric or technology-centric model.

Illustrative Org Structure



R&D Compensation

TOTAL CASH COMPENSATION (TCC)

The expected total cash compensation, which comprises fixed and variable compensation, for an employee if performance matches expected targets

VARIABLE

The portion of cash compensation that is not fixed (i.e., **bonus**) and typically based on employee, team, or company performance



FIXED

The portion of cash compensation that is fixed (i.e., base salary)

In addition to TCC, the most common form of compensation is in the form of **new hire equity grants** typically with four-year vesting schedules along with consideration for refreshes over time, based on continued quality of performance.

Given the nuances in equity structure across companies, we have excluded equity from this analysis and subsequent pages will only focus on total cash compensation.



Executive Summary

Compensation

- Within R&D OpEx, compensation costs comprise the largest portion, usually accounting for ~70-80% of total spend; as such, setting up a strong incentive structure is a critical point of leverage for R&D organizations
- We find that company stage¹ and geography are the primary drivers of variance in total cash compensation (TCC), while revenue growth rate and sector show less impact on cash compensation levels
 - Company stage: Early-stage companies are more likely to skew lower on cash and higher on equity, given the upside opportunity in the equity (high potential risk / reward trade-off). On the other hand, later-stage companies will generally have higher cash and lower equity levels, given the diminished upside potential in the equity (equity viewed as a "safer" bet than early-stage, but with lower potential value)
 - Geography: Companies that have the majority of their employees in a higher cost-of-labor 'tier 1' geography (i.e., California or New York) will typically have compensation levels higher than 'tier 2' geographies (i.e., Other US, Remote, Non-US). Companies that have most of their employees in other US or non-US markets, or remotely-based, will typically base their cash compensation levels on the relevant labor markets, thereby typically having a lower compensation cost for their roles
- It is important to note that equity grants comprise a significant portion of total compensation as well. We typically see equity grants vary significantly based on the stage of company and seniority of role, typically ranging anywhere from 0.01% to 0.3% of the company for private companies. Given the nuances and differences in equity structure across companies, we have excluded equity from this analysis²

Performance Management

- We present average pay per level in our findings; however, that does not tell the entire story in maximizing the efficiency of people compensation spend. Companies with a robust performance management process often elect to further differentiate individual pay based on performance factors. This differentiation may play out in any or all of base salary, bonus payout, and equity refreshes
- Most companies conduct performance reviews on a bi-annual cadence and assess performance based on a combination of quantitative and qualitative metrics such as story points, number of PRs, and autonomy

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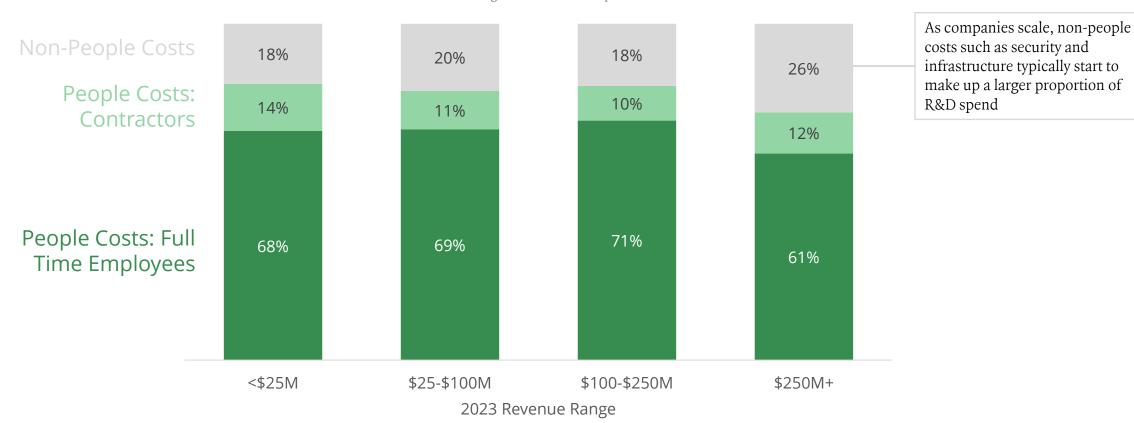
¹ Measured by Annualized Revenue

^{2.} Please feel free to contact ICONIOGrowthinsights@iconiqcapital.com for more information on how equity grants can influence this analysis

Within R&D OpEx, compensation costs comprise the largest portion, usually accounting for ~70-80% of total spend; as such, setting up a strong incentive structure is a critical point of leverage for R&D organizations

R&D: People vs. Non-People Costs

Average % of Total R&D Spend



Source: ICONIQ Growth Engineering Survey (December 2023); Survey n-size = 202

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Company stage and geography are the primary drivers of variance in total cash compensation (TCC), while revenue growth rate and sector show less impact on cash compensation levels

Drivers of Differences in Compensation across Companies Summary

Highest degree of impact			Lowest degree of impact
Company Stage ¹	Geography	Revenue growth rate	Sector
R&D employees have 29% higher total cash compensation at late- stage companies (\$200M+ in annualized revenue) versus early-stage companies (<\$50M in annualized revenue)	R&D employees located in 'tier 1' geographies have 21% higher total cash compensation than those in 'tier 2' geographies	We find that it is stage of revenue, and not rate of growth, that shows a higher correlation to cash compensation levels	Impact mostly driven by other factors (e.g., company stage, geography)

This research addresses the averages for the various R&D roles at participating companies, cut by company-level characteristics. As such, we **do not directly address factors such as job level (e.g., Radford scale)**, **prior experience and tenure-in-role** that may affect the compensation differences between individuals within a given role.

Source: ICONIQ Growth Engineering Survey (December 2023)
Note: 'Tier 1' refers to California and New York. 'Tier 2' refers to other US states, non-US, and remote
1. Measured by Annualized Revenue



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Late-stage companies tend to offer higher TCC for all R&D roles, paying a median of 29% higher relative to early-stage companies

What's the average annual total compensation (base & bonus) for onshore R&D roles?

Average by company stage and role; n-size = 184



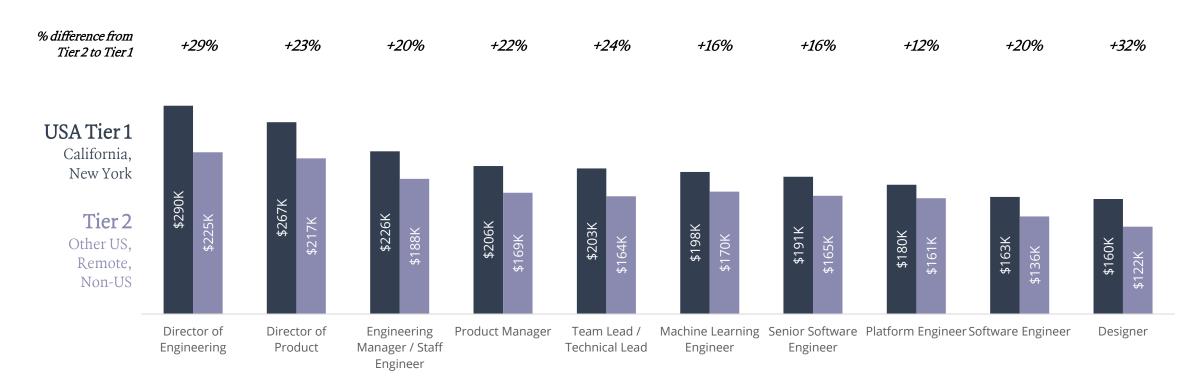
Note: Includes data from private and public companies Source: ICONIQ Growth Engineering Survey (December 2023)

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Employers that have the majority of their employees in 'tier 1' geographies tend to offer higher TCC for all R&D roles, paying a median of 21% higher compared to 'tier 2' geographies

What's the average annual total compensation (base & bonus) for onshore R&D roles?

Average by geography and role; n-size = 184



Note: Includes data from private and public companies Source: ICONIQ Growth Engineering Survey (December 2023) 1.Includes Other US, Non-US, and Remote

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Within 'tier 1' regions, TCC increases as companies mature, with the proportion of bonuses to TCC remaining at a stable average of ~10% across different roles

What's the average annual total compensation (base & bonus) for onshore R&D roles?

Average by company stage and role in "tier 1" geos; n-size = 92

	Director of Engineering	Director of Product	Engineering Manager	Product Manager	Team / Technical Lead	Machine Learning Engineer	Senior Software Engineer	Platform Engineer	Software Engineer	Designer
<\$50M	\$250K	\$174K	\$205K	\$166K	\$193K	\$159K	\$174K	\$153K	\$147K	\$128K
\$50-\$99M	\$303K	\$222K	\$202K	\$196K	\$201K	\$182K	\$191K	\$209K	\$161K	\$144K
\$100-\$199M	\$276K	\$245K	\$228K	\$199K	\$188K	\$216K	\$195K	\$174K	\$171K	\$148K
\$200-\$499M	\$295K	\$274K	\$252K	\$229K	\$206K	n/a¹	\$198K	\$194K	\$178K	\$178K
\$500M+	\$311K	\$297K	\$244K	\$235K	\$219K	\$195K	\$206K	\$188K	\$175K	\$188K
Bonus as a % of Salary Average	15%	15%	14%	13%	10%	12%	14%	12%	12%	11%

We generally see the bonus opportunity increase for more senior levels

Note: Includes data from private and public companies Source: ICONIQ Growth Engineering Survey (December 2023) 1.Insufficient n-size

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A detailed look at 'tier 2' TCC levels by company stage shows discounts to 'tier 1' across the board, yet still shows compensation levels increasing as revenue increases

What's the average annual total compensation (base & bonus) for onshore R&D roles?

Average by company stage and role in "tier 2" geos; n-size = 92

	Director of Engineering	Director of Product	Engineering Manager	Product Manager	Team / Technical Lead	Machine Learning Engineer	Senior Software Engineer	Platform Engineer	Software Engineer	Designer
<\$50M	\$189K	\$168K	\$175K	\$153K	\$143K	\$133K	\$146K	\$152K	\$122K	\$103K
\$50-\$99M	\$221K	n/a¹	\$166K	\$175K	\$165K	n/a¹	\$140K	n/a¹	\$125K	n/a¹
\$100-\$199M	\$244K	\$243K	\$204K	\$180K	\$178K	n/a¹	\$185K	\$153K	\$146K	\$150K
\$200-\$499M	\$248K	\$265K	\$234K	\$217K	\$196K	\$216K	\$210K	\$216K	\$172K	\$159K
\$500M+	\$247K	\$239K	\$185K	\$166K	\$171K	\$174K	\$173K	\$139K	\$141K	\$122K
Bonus as a % of Salary Average	14%	14%	12%	11%	11%	10%	13%	12%	10%	12%

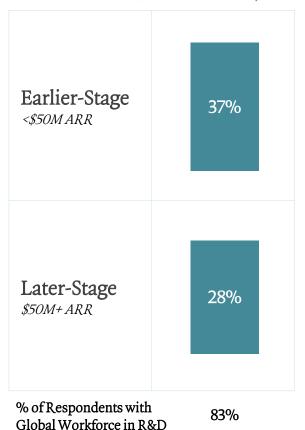
Note: Includes data from private and public companies Source: ICONIQ Growth Engineering Survey (December 2023) 1.Insufficient n-size



As an alternative to hiring onshore employees, companies use a global workforce primarily for cost savings and greater access to talent; however, potential trade-offs in team culture, management, and productivity should also be considered

% of R&D FTEs in Low-Cost Geographies

Median % FTEs; ICONIQ 2023 Survey



Why Companies Build a Global Workforce

ICONIQ 2023 Global Workforce Survey





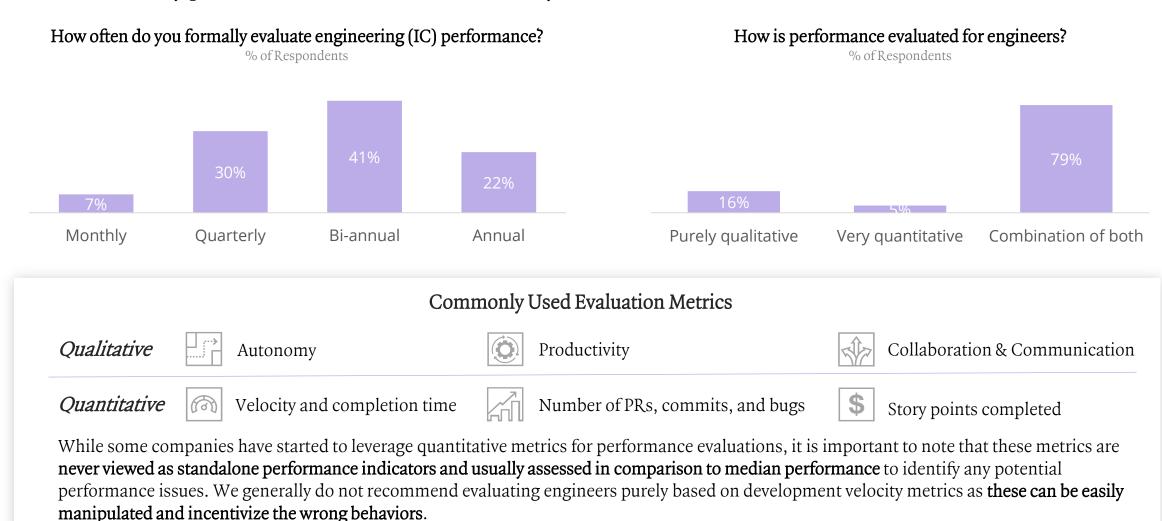


Please feel free to contact ICONIQGrowthinsights@iconiqcapital.com for more information on this topic

Source: ICONIQ Growth Oct 2023 Global Workforce Survey

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Performance reviews are often conducted bi-annually, with assessments based on a mix of quantitative and qualitative metrics such as story points, number of PRs, and autonomy



Source: ICONIQ Growth Engineering Survey (December 2023)

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Spotlight: Performance Management for Engineering Teams



rechargeJoseph Mosby

Director of Engineering



We have four core pillars that we assess in performance management conversations:

- Delivery: Are employees demonstrating effectiveness in completing tasks and launching valuable products?
- **Domain expertise:** Are employees developing the required specific knowledge and skillset to succeed in their roles?
- Collaboration: Are employees exhibiting strong written and verbal communication skills, given the fully remote work environment we operate in?
- Growth mindset: Are employees adapting to changes as the company evolves and our priorities shift?





WRITER

Waseem AlShikh Co-founder, CTO "

- We assess various quantitative metrics such as: number of critical projects they deliver on and number of bugs produced in order to encourage building higher-quality products rather than a "build fast, break things" mentality. At our stage of growth, we want engineers to spend more time on the code and make sure the features they ship are thoroughly tested and high quality
- Career paths: We have levels L1-L7 for engineers and do not require engineers to become people managers in order to advance. All engineers, regardless of level, are involved in writing code
- **Variable compensation:** We have standard pay structures and engineers do not receive standardized bonuses. That said, we may choose to award bonuses for specific projects

"

Source: Interviews with Joseph Mosby and Waseem AlShikh
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Technology matters. Strategy matters. People matter most.

Meet the ICONIQ Growth team

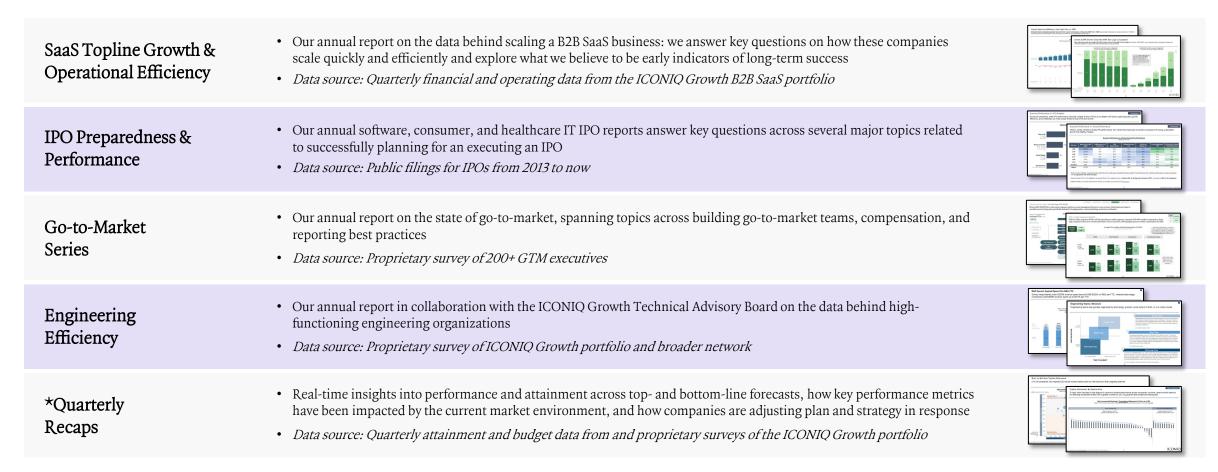


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Other Research from ICONIQ Growth

Portfolio Analytics

The ICONIQ Growth analytics mission is to empower our portfolio and network with proprietary insights that inform business operations and strategy



Select research shown. We invite you to explore additional resources on our ICONIQ Growth Insights page.

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^{*}Certain studies have restricted circulation. Please reach out to <u>iconiggrowthinsights@iconiqcapital.com</u> to request access.

Other Research from ICONIQ Growth

Leadership Analytics

Executive hiring is the final frontier within the modern organization that is yet to see a proliferation of data. Despite having data to guide nearly every other business decision, CEOs and Founders have heretofore been forced to rely on anecdotal evidence. ICONIQ Growth Leadership Analytics helps de-risk hiring decisions by empowering CEOs and Founders with executive hiring data: we study every leadership hire between founding and IPO at high-caliber SaaS companies to create a series of first-of-their-kind playbooks that help guide decision-making across the entire company lifecycle.



Chief Marketing
Officer Study:
Part 1 & Part 2

• Quantitative analysis of the most prevalent – and most successful – operational backgrounds and qualifications for Heads of Marketing at private SaaS companies, segmented by Growth Stage



Chief Revenue Officer Study: Part 1 & Part 2

• Quantitative analysis of the most prevalent – and most successful – operational backgrounds and qualifications for Heads of Sales/CROs at private SaaS companies, segmented by Growth Stage



Chief Product Officer Study: Part 1 & Part 2

• Quantitative analysis of the most prevalent – and most successful – operational backgrounds and qualifications for Heads of Product at private SaaS companies, segmented by Growth Stage



Chief Financial Officer Study

• Quantitative analysis of the most prevalent – and most successful – operational backgrounds and qualifications for Heads of Finance at private SaaS companies, segmented by Growth Stage



*President & Chief Operating Officer Study

• Examination of the advantages and challenges of having a COO and/or President role



Chief People Officer Study

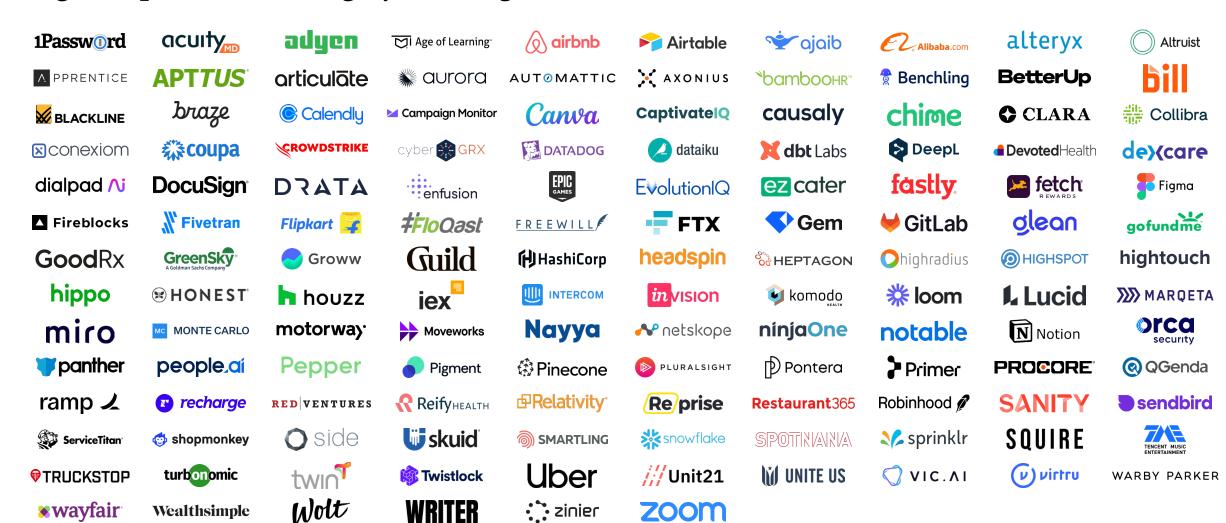
• Quantitative analysis of the most prevalent – and most successful – operational backgrounds and qualifications for Heads of People at private SaaS companies, segmented by Growth Stage



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A global portfolio of category-defining businesses



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