

# Le paysage de Serverless en 2021

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DATADOG



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<https://speaking.dark.ca/>



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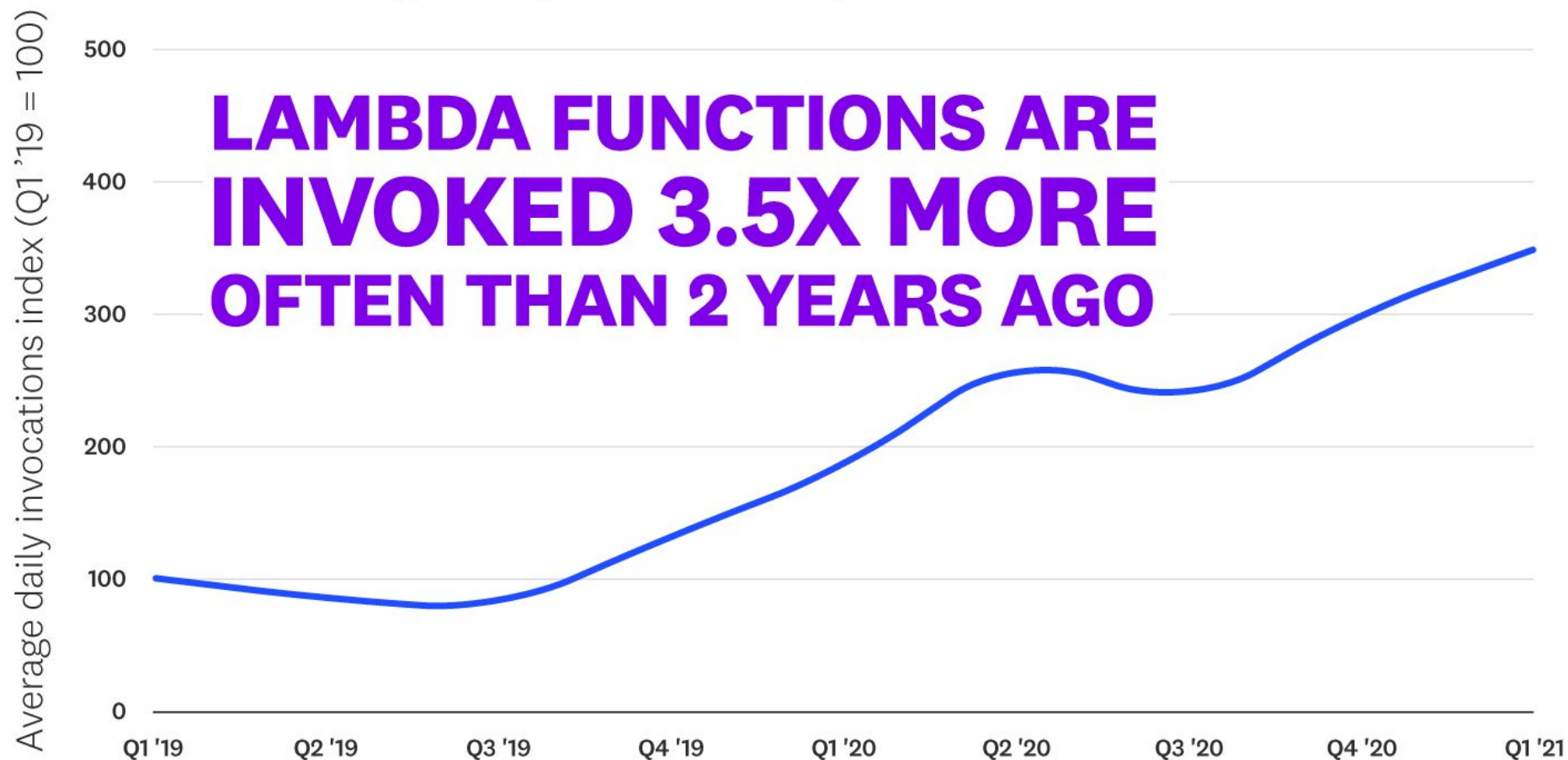
<https://www.datadoghq.com/state-of-serverless>







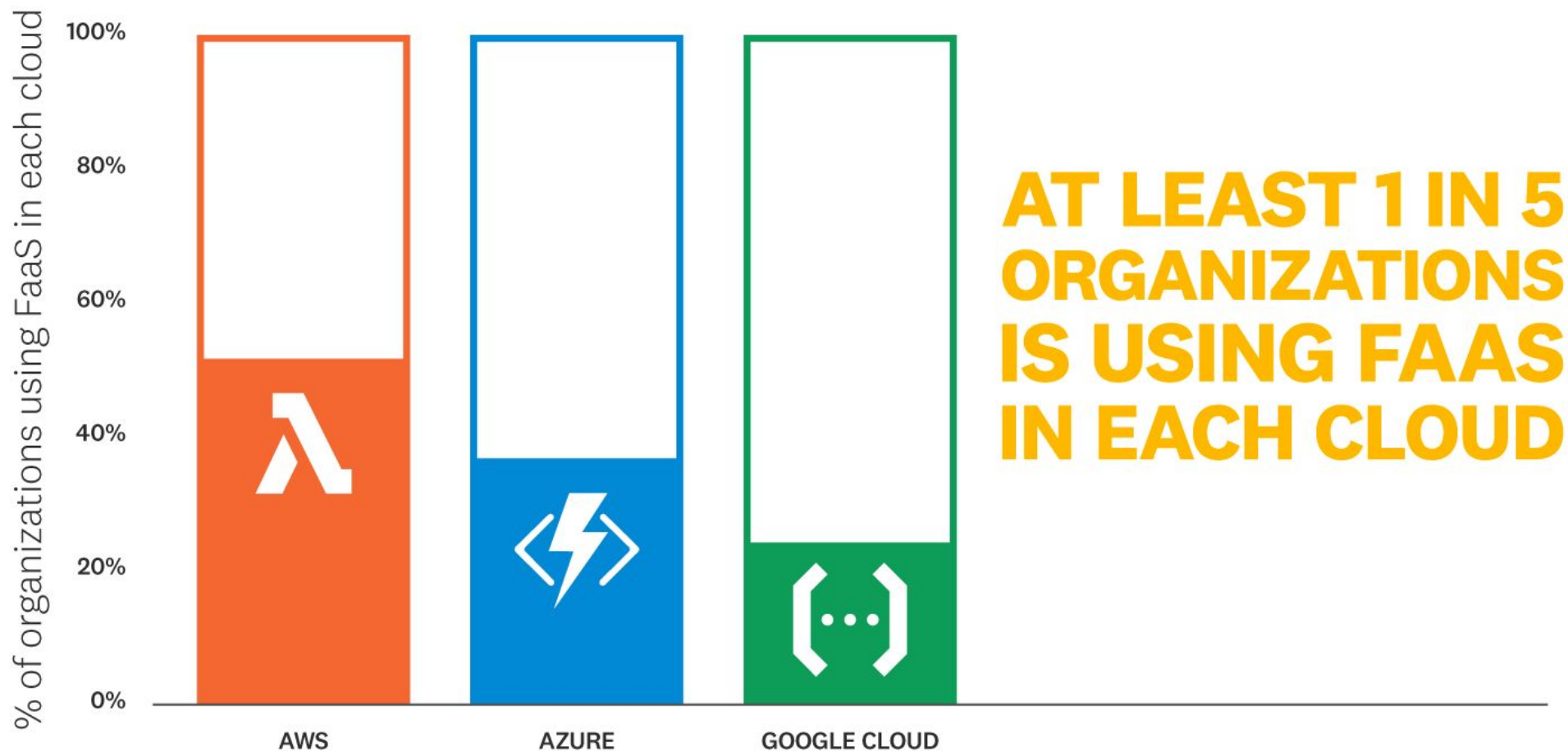
## Average Daily Invocations per Lambda Function Index



Source: Datadog



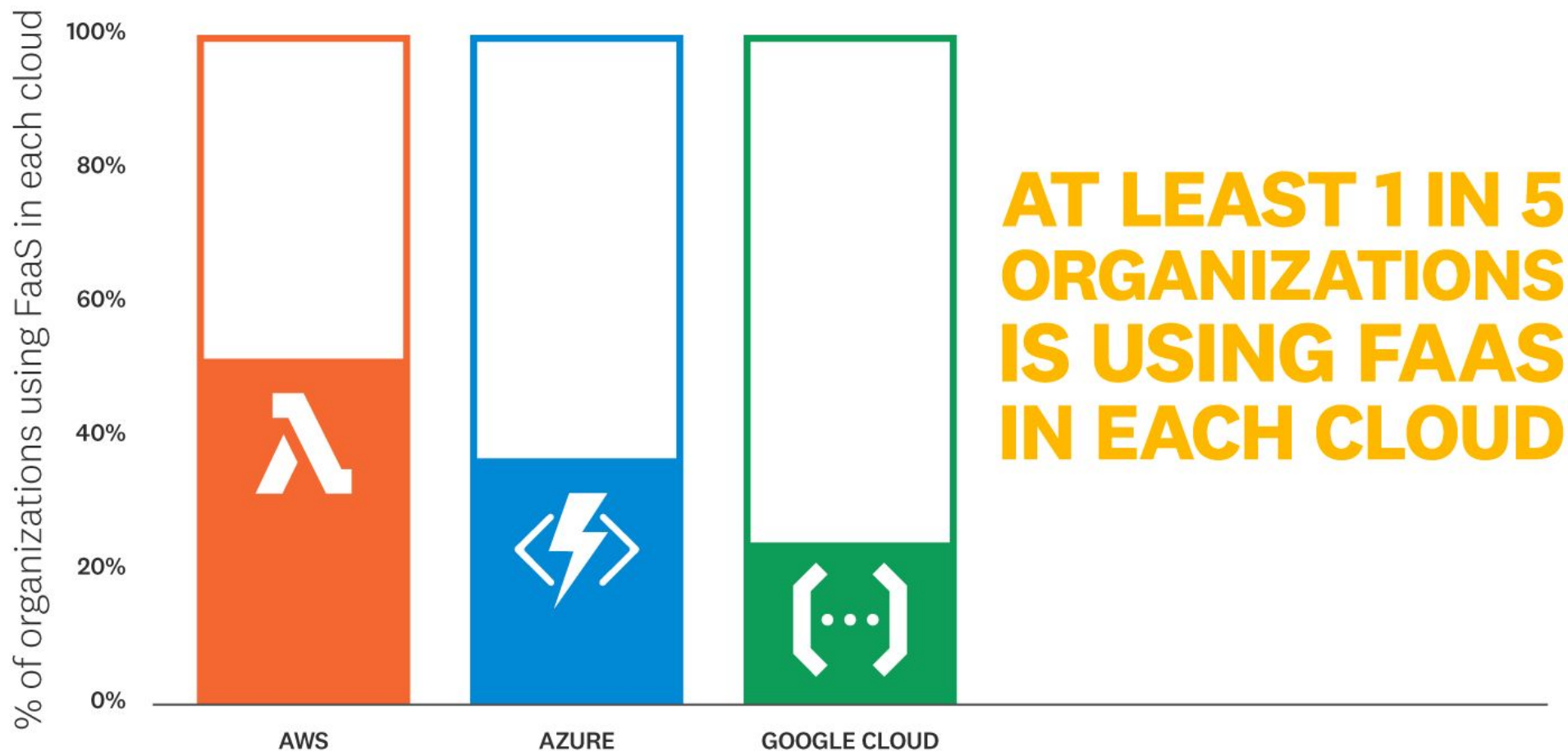
## FaaS Usage by Cloud Platform



Source: Datadog



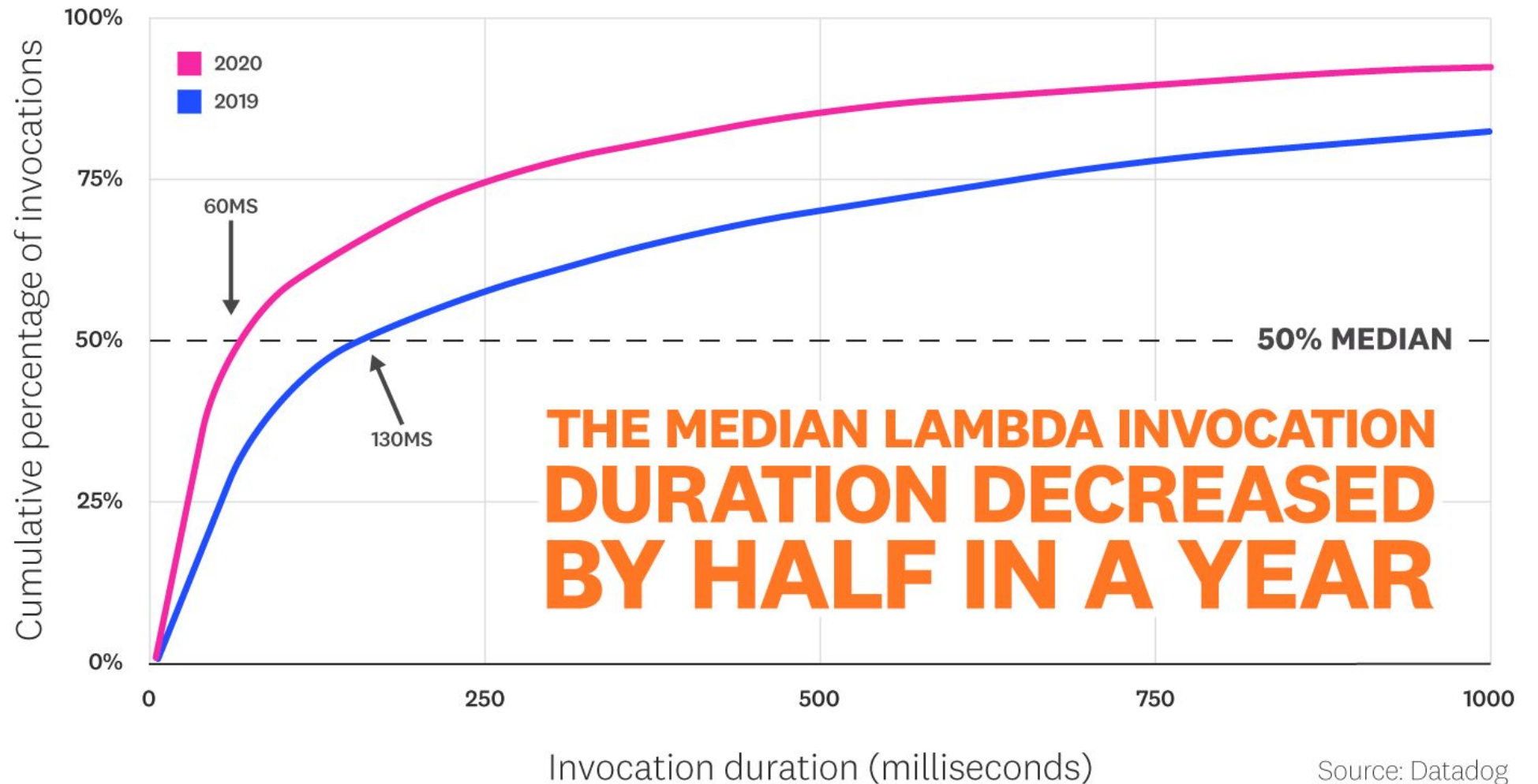
## FaaS Usage by Cloud Platform



Source: Datadog

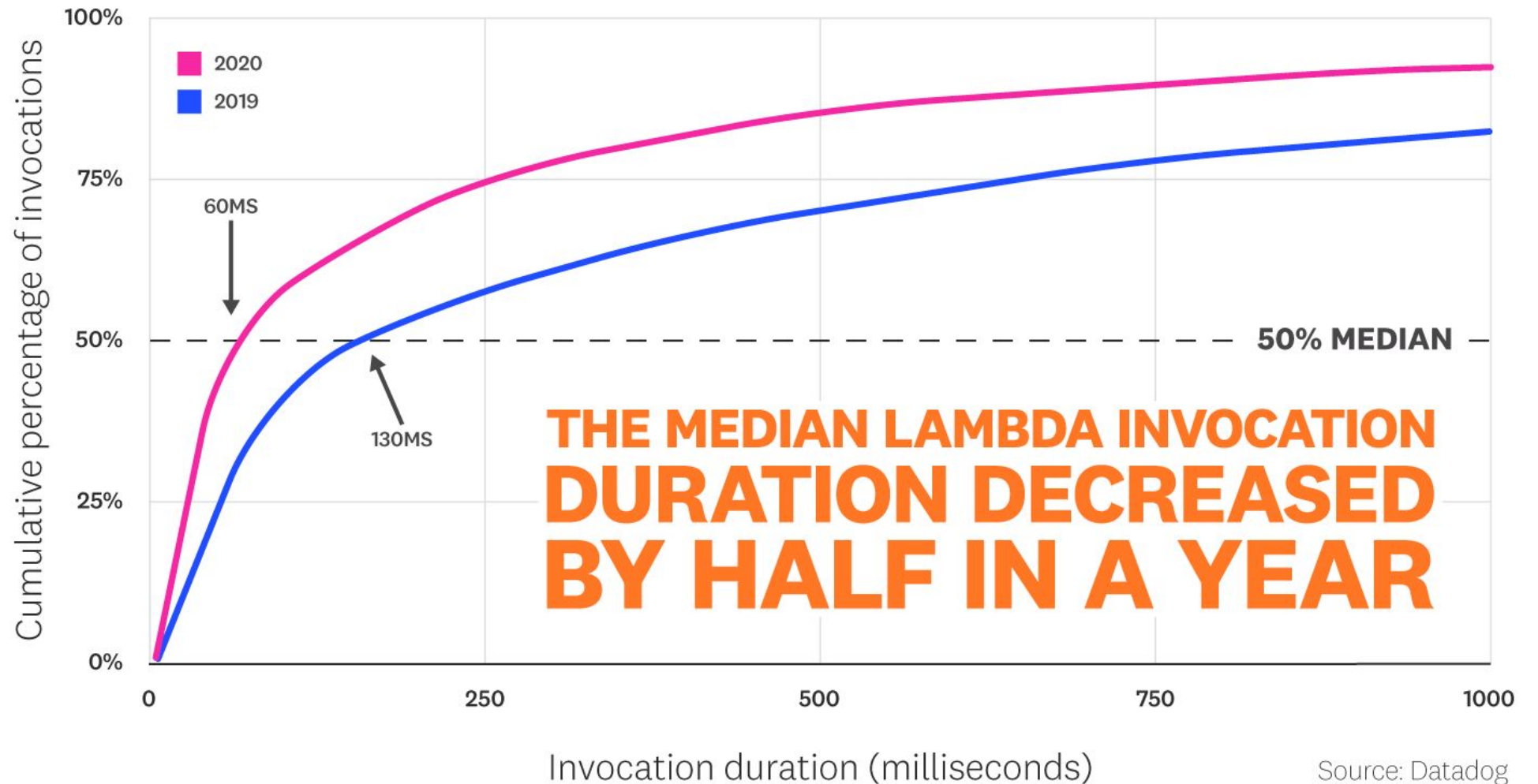


## Duration of Lambda Invocations





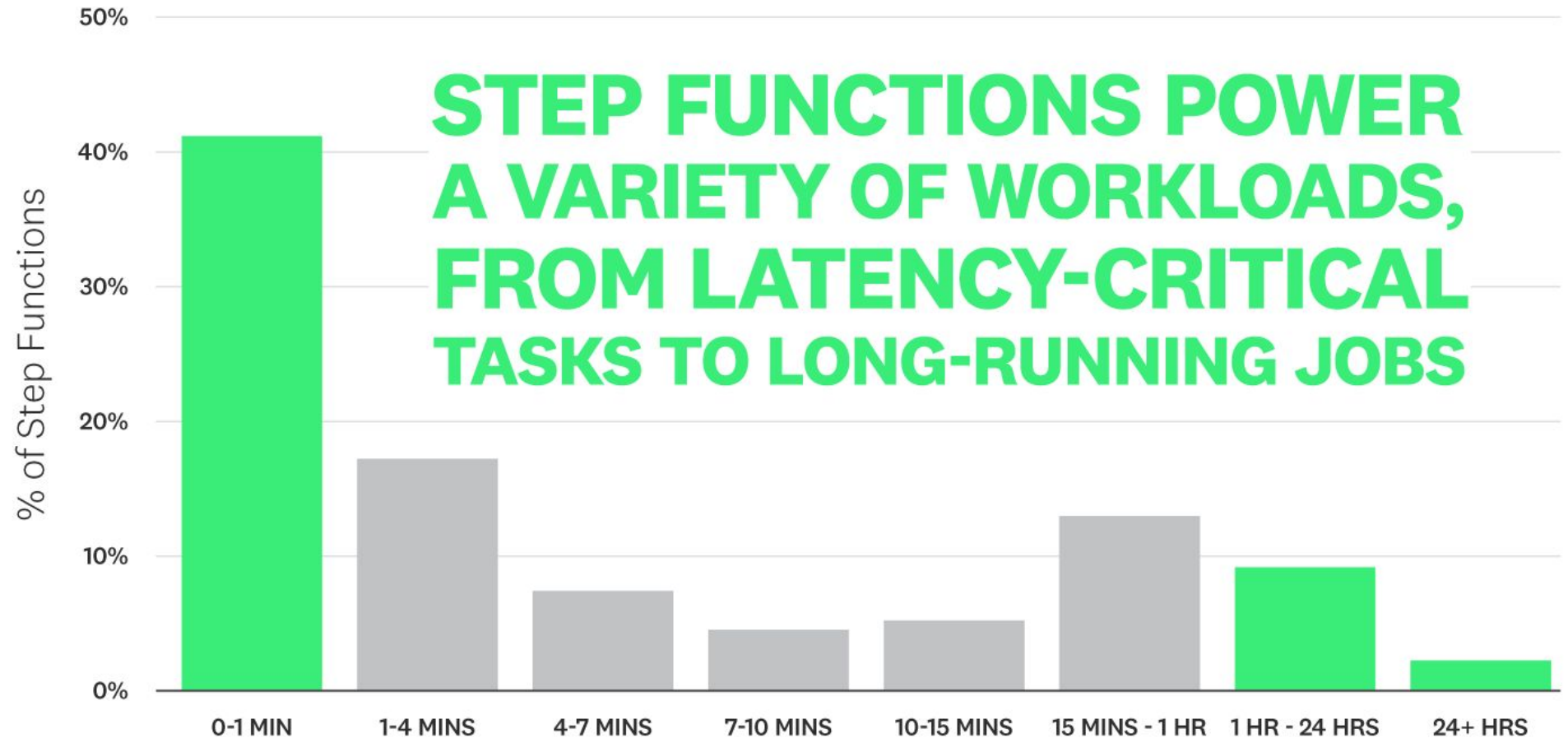
## Duration of Lambda Invocations







## Distribution of Step Functions Execution Times

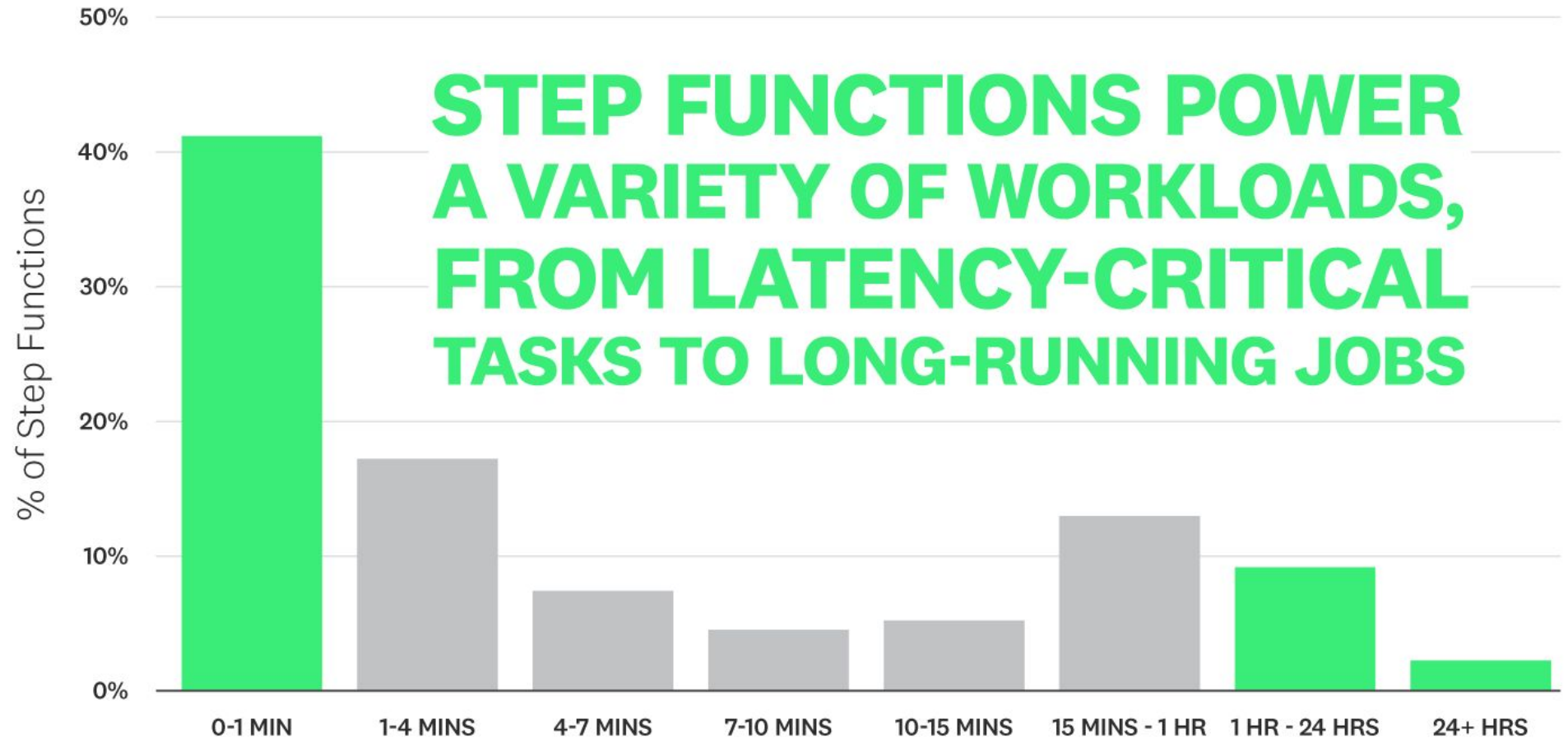


Step Functions execution time

Source: Datadog



## Distribution of Step Functions Execution Times



Step Functions execution time

Source: Datadog

5

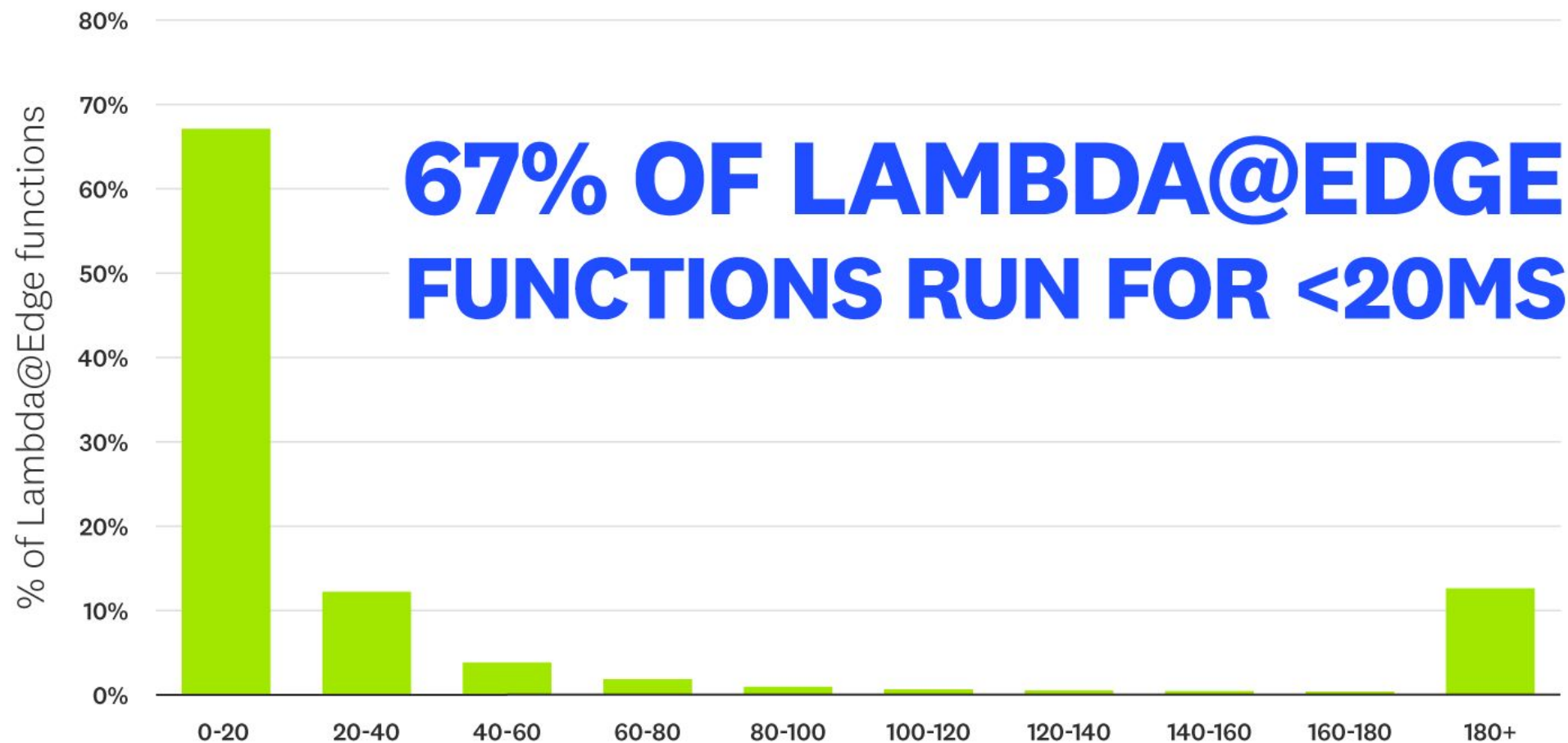


**1 IN 4 CLOUDFRONT  
USERS HAS EMBRACED  
SERVERLESS EDGE COMPUTING**

Source: Datadog



## Duration of Lambda@Edge Functions



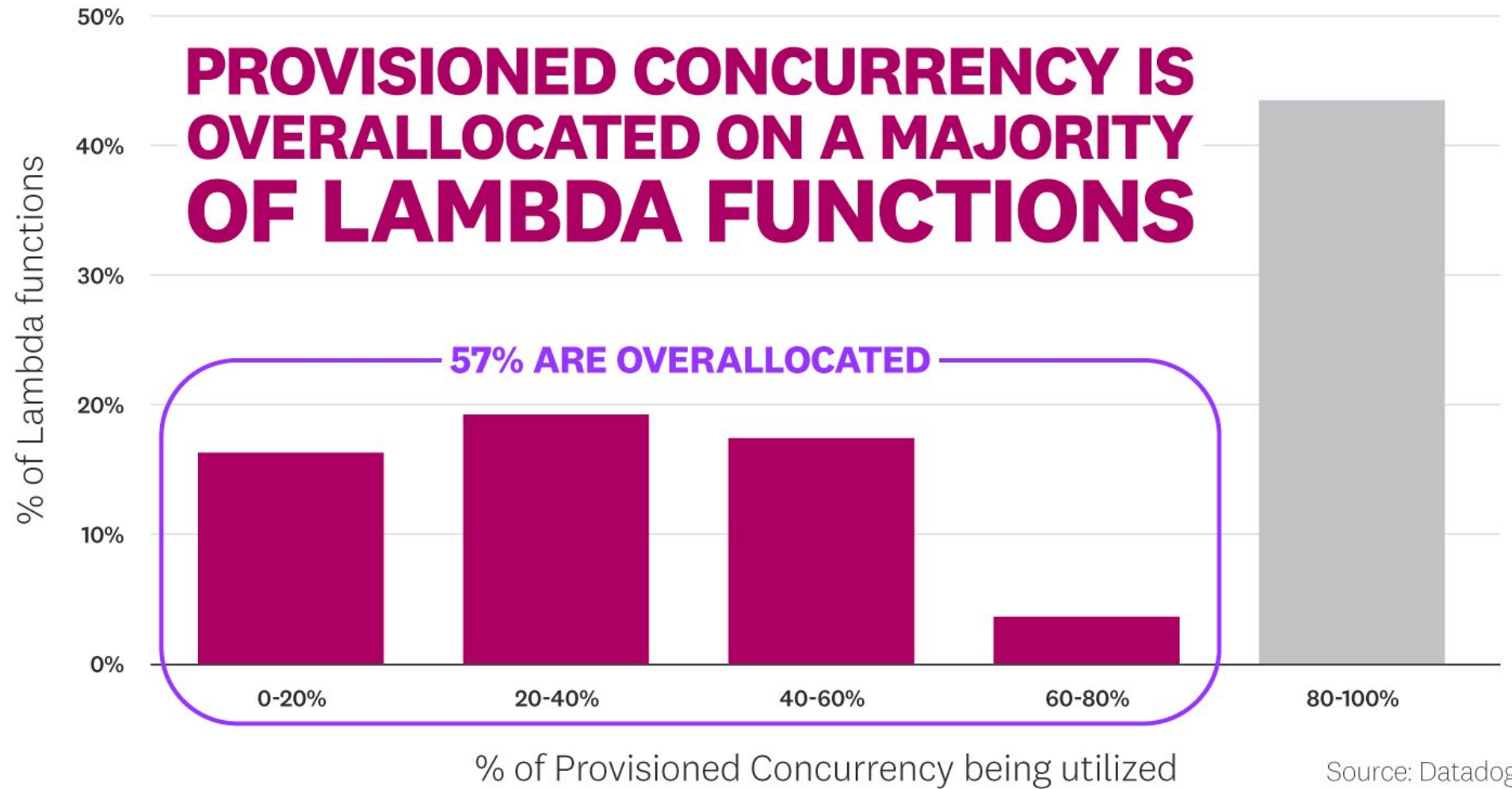
Average function duration (milliseconds)

Source: Datadog



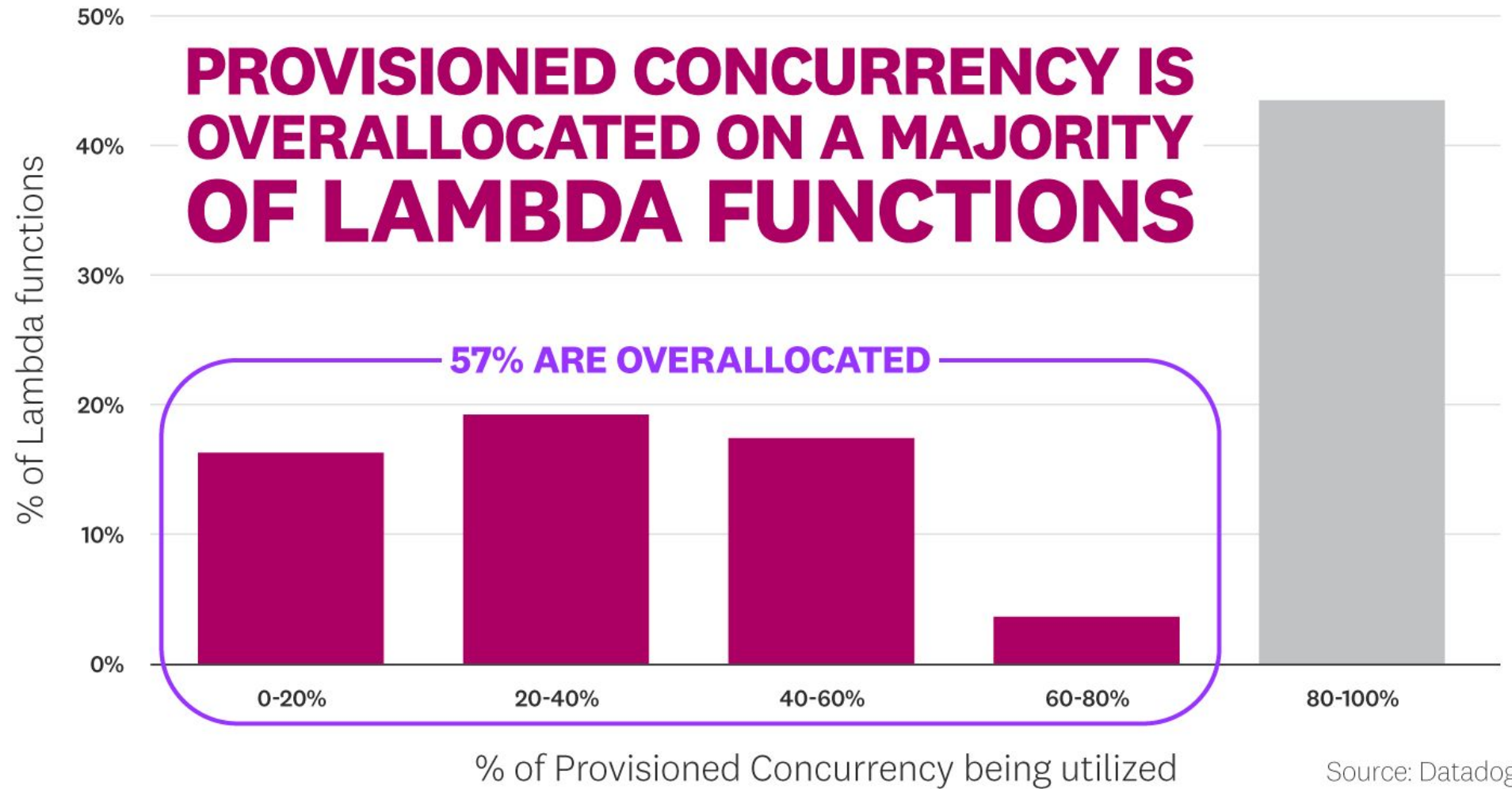
6

## Provisioned Concurrency Utilization



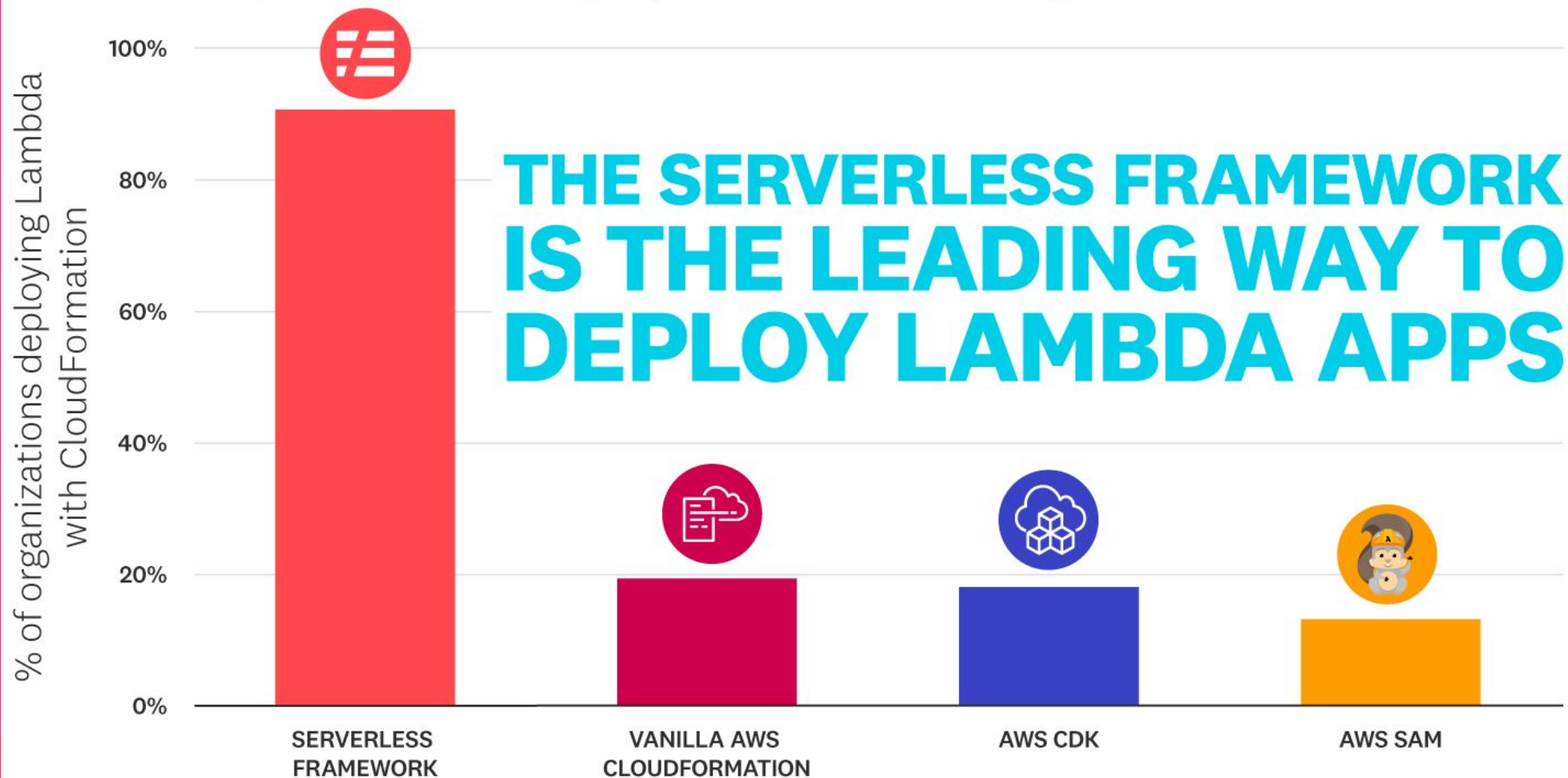
6

## Provisioned Concurrency Utilization





## Top Serverless Deployment Tools Among CloudFormation Users

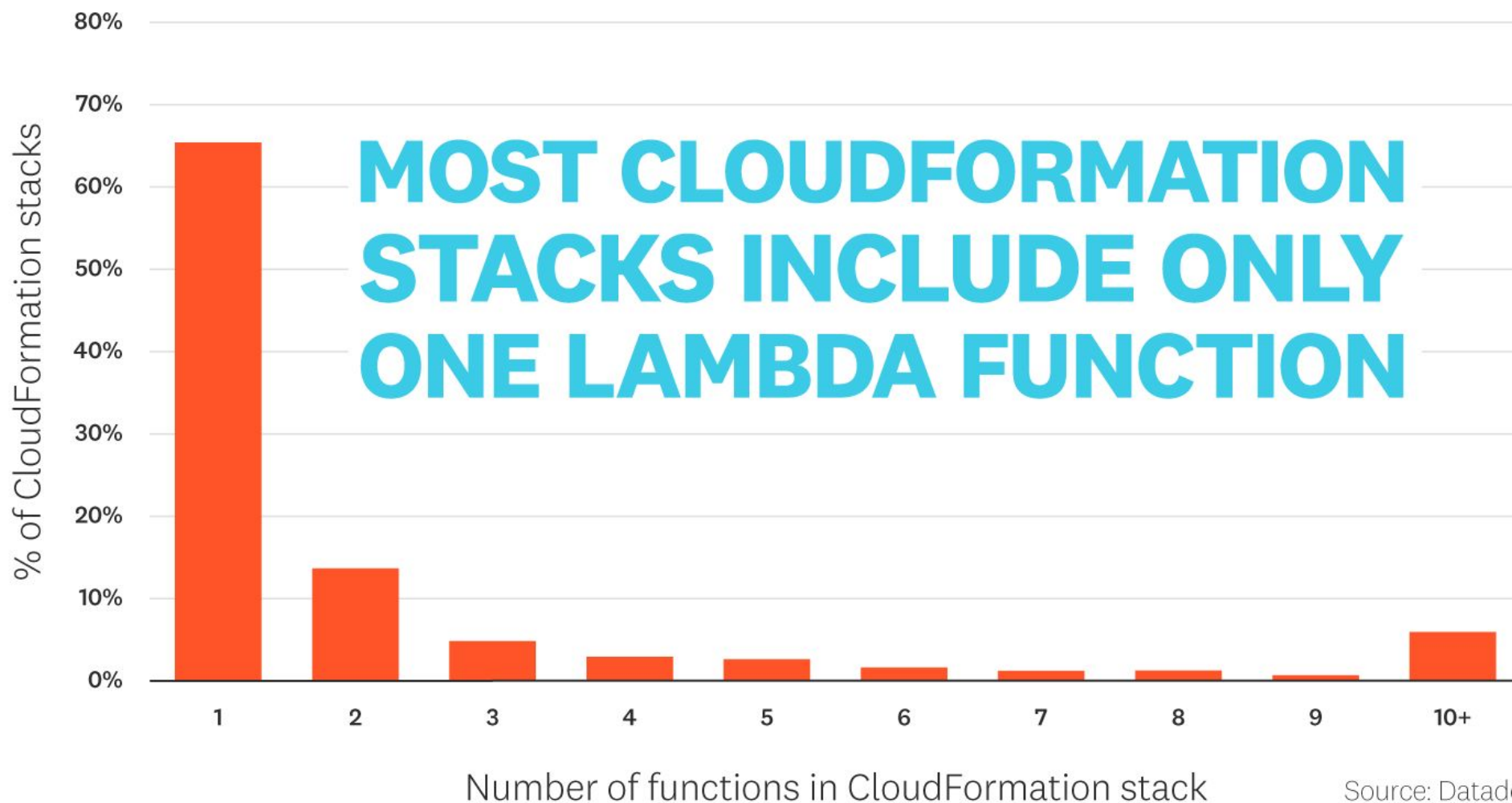


Deployment tool

Source: Datadog



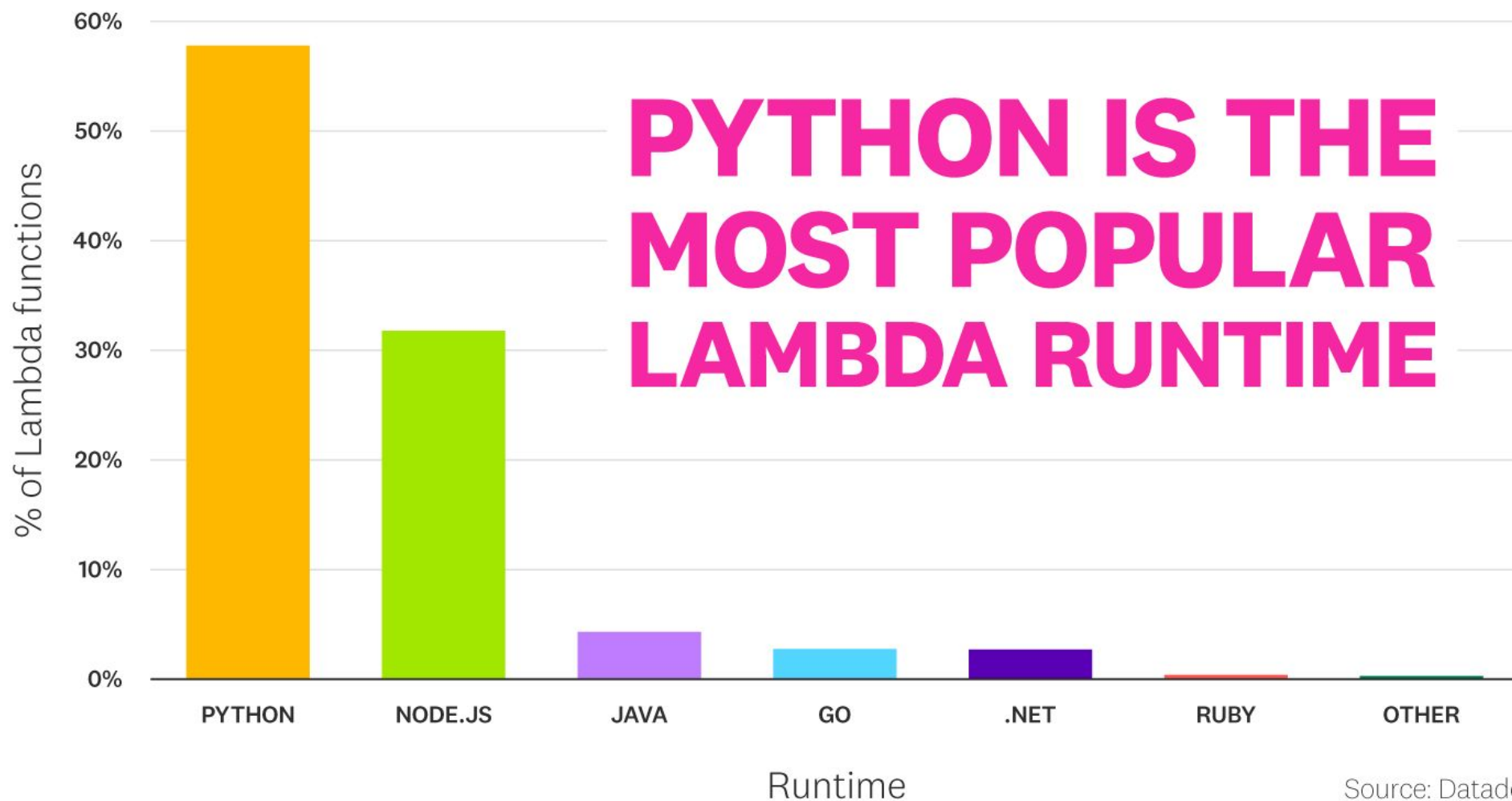
## Functions per CloudFormation Stack







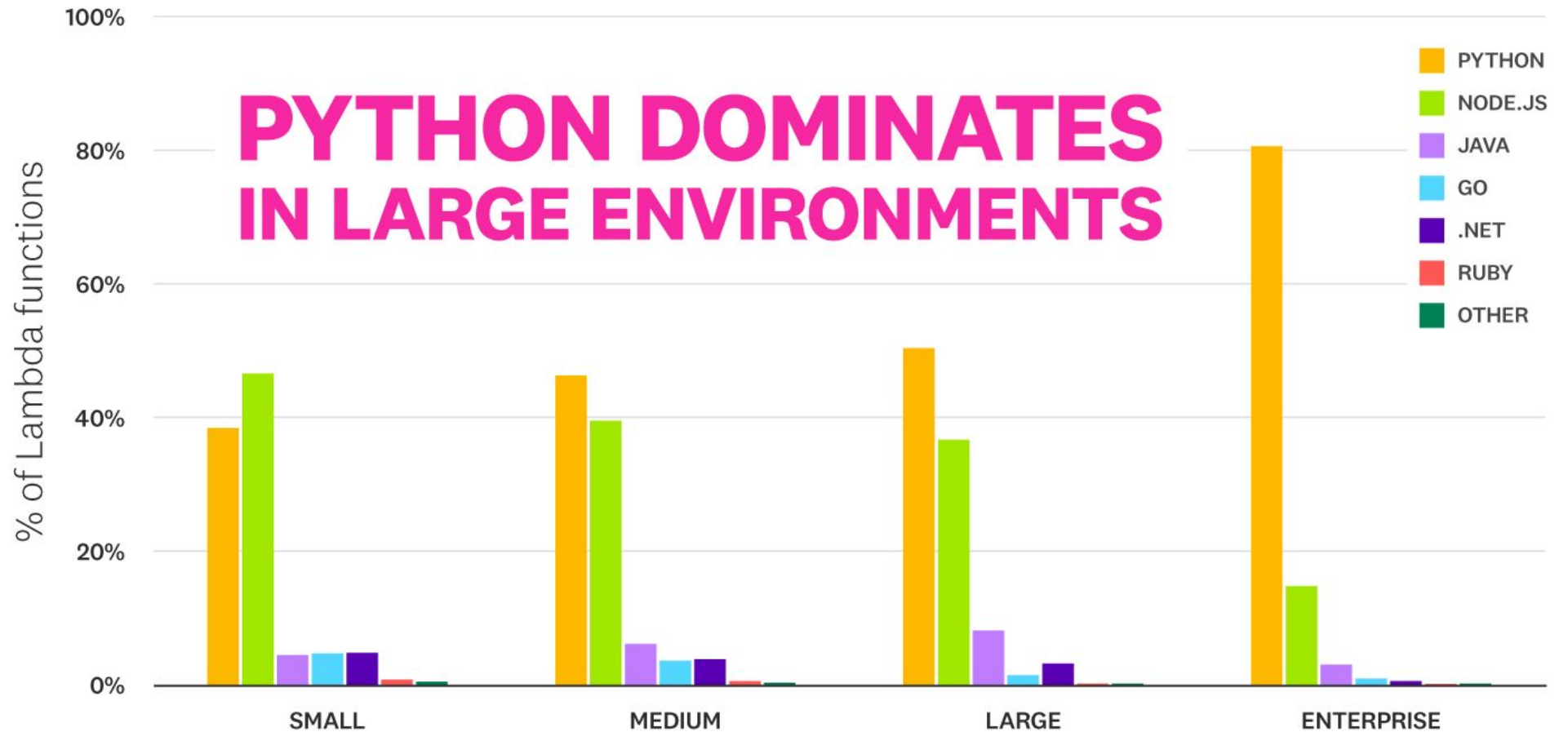
## Most Popular Runtimes by Distinct Functions



Source: Datadog



## Most Popular Runtimes by Environment Size



Relative Scale of AWS Environment

Source: Datadog

<https://www.datadoghq.com/state-of-serverless>



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Merci d'avoir assisté à  
cette conférence, j'espère  
qu'elle vous a plu !  
-- @phrawzty <3



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