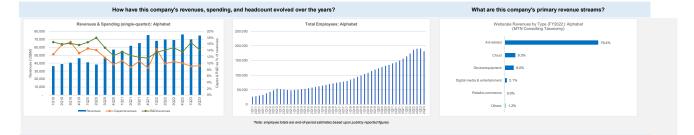
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Alphabet				
Founded	1998			
Headquarters	USA			
Stock Exchange Ticker	GOOGL (NASDAQ)			
2Q23 Revenues (US\$M)	\$74,604			
2Q23 CAPEX (US\$M)	\$6,888			
4 2Q23 R&D (US\$M)	\$10,588			
Employees (2Q23)	181,798			
Market Cap (US\$B) as of 30 Aug 2023	\$1,703			







S.No.	Date*	Target company	Stake	Deal value (\$M)	Segment
1	Nov-19	Fitbit	100%	2100	Devices
2	Feb-20	Cornerstone Technology	100%	Undisclosed	Mainframe workloads
3	Dec-20	Actifio	100%	Undisclosed	Data management
4	Feb-21	Provino	n/a	Undisclosed	Network-on-chip systems for machine learning
5	Jan-22	Siemplify	100%	500	Cybersecurity
6	May-22	Raxium	100%	Undisclosed	MicroLED display technologies
7	May-22	Vicarious	100%	Undisclosed	Robots as a service
8	Sep-22	Mandiant	100%	6100	Cybersecurity
9	Dec-22	Open Robotics	100%	Undisclosed	Robotics software
10	Feb-23	Anthropic	10%	400	ChatGPT rival

ies and acquisitions are dated at time of announ

Data Center Footprint: ALPHABET

FOOTPRINT STATS	ENERGY-RELATED STATS				
Webcale in enterork operator centered around online services supported by ads, founded in 1998 Goode Cloud is available in 38 regions and 115 zones with 187 network edge locations spread across 20% countiles and territories (as of Aug 2023). Currently increase, Nerway, 200 M Mica, Austin and Sweden. Amazon's data center VP Chris Vonderhara joined Google Cloud in July 2023. Generative Ar, services and the state interface and services in Aug 2022, based on the Cloud TPU vice, and the ideal inhouse Tensor Processing Ukb, Computed to performance per dollar and up 0.2.5 times the inference performance per dollar for large language models and generative A models. • Subset: new Groce Hopper transatistic cable went live in Sept 2022, as dd the Equiunic cable. Concerting west me Uropa to South Mica.	Average PUE of owned data centers (2022): 1.10 (unchanged from 2020 and 2021) Total electric consumption (2022): 22.289 TWh (+20%, YoY) Renewable energy as a percent of total consumption (2022): 100% (has been 100% since 2022): energy as a percent of total consumption (2022): 101% (has been 100% since 2022): energy as a development of total consumption (2022): 101% (has been 100% since 2022): energy as a development of total consumption (2022): 101% (has been 100% since 2022): energy as a development of total consumption (2022): 101% (has been 100% since 2022): energy as a development of total consumption (2022): 101% (has been 100% since 2022): energy as a development of total consumption (2022): energy as a development of total consumption (2022): energy (FE) at all of the data centers around the globe are operating near or above 90% CFE. Afraedy, in 2020, Google achieved f7% round-the-dock canton free energy across all ba data centers, up from 61% in 2019.				
RECENT DEVELOPMENTS					
Subsets: building Topoz franspacific cable (Canada-Japan), RFS in 2023. In 2023, announced co-sponsonship of a new Taiwan-Philippines-US (TPU) cable; NEC will start building in 2024, RFS in 2025. Way 2023: announced plans to build two more data centers in Otiko, US, in Columbus and Lancaster.					

building in 224, for is a 202.
 build he more data centers in Ohio, US, is Columbus and Lancaster.
 Feb 2023: comparing increases assumed life of is servers 100 for 100 for the enter of the other accenter of the 2023 comparing increases assumed life, to 5 years. Big cut in depreciation expenses for both.
 Feb 2023: comparing increases assumed life of its servers 100 for 100 for the enter of the accenter of the