Table A-16: The economic contribution of the data center industry in Hawaii, 2023-2024

Metric	Type of contribution	2023	2024	Growth
Employment (jobs)	Direct contribution	2,930	2,780	-5%
	Indirect and induced without the spillover effect[a]	5,660	7,210	27%
	Operational	3,040	3,010	-1%
	Capital spending	2,620	4,200	60%
	Total contribution without the spillover effect[a]	8,590	9,990	16%
	Cross-state spillover	5,320	6,150	16%
	Total contribution with the spillover effect[a]	13,910	16,140	16%
Labor income ($millions)	Direct contribution	$286	$294	3%
	Indirect and induced without the spillover effect[a]	$371	$492	32%
	Operational	$184	$190	3%
	Capital spending	$188	$302	61%
	Total contribution without the spillover effect[a]	$658	$786	20%
	Cross-state spillover	$354	$428	21%
	Total contribution with the spillover effect[a]	$1,011	$1,214	20%
GDP ($millions)	Direct contribution	$485	$500	3%
	Indirect and induced without the spillover effect[a]	$658	$860	31%
	Operational	$349	$357	2%
	Capital spending	$309	$503	63%
	Total contribution without the spillover effect[a]	$1,143	$1,360	19%
	Cross-state spillover	$670	$810	21%
	Total contribution with the spillover effect[a]	$1,814	$2,170	20%
Tax payments[b] ($millions)	State, without cross-state spillover effect[a]	$114	$127	12%
	Local, without cross-state spillover effect[a]	$44	$49	12%
	State and local, without cross-state spillover effect[a]	$157	$176	12%
	State, with cross-state spillover effect[a]	$177	$211	19%
	Local, with cross-state spillover effect[a]	$68	$81	19%
	State and local, with cross-state spillover effect[a]	$245	$292	19%

Source: PwC calculations using the IMPLAN modeling system and public data. Details may not sum to totals due to rounding.

[a] The spillover effect refers to the indirect and induced effects in a state attributable to the industry's direct activity in all other states.
[b] Tax contribution includes all state and local taxes directly or indirectly resulting from the industry's U.S. construction and operations (including direct, indirect, and induced economic effects) benefiting the state.

1. The industry's total annual employment contribution in Hawaii (without the cross-state spillover effect) increased by 16 percent from 8,590 jobs in 2023 to 9,990 jobs in 2024. Including the cross-state spillover effect, the industry's total annual employment contribution in Hawaii was 13,910 jobs and 16,140 jobs in 2023 and 2024, respectively.
2. The industry's total annual labor income contribution in Hawaii (without the cross-state spillover effect) increased by 20 percent from $658 million in 2023 to $786 million in 2024. Including the cross-state spillover effect, the industry's total annual labor income contribution in Hawaii was $1.0 billion and $1.2 billion in 2023 and 2024, respectively.
3. The industry's total annual GDP contribution in Hawaii (without the cross-state spillover effect) increased by 19 percent from $1.1 billion in 2023 to $1.4 billion in 2024. Including the cross-state spillover effect, the industry's total annual GDP contribution in Hawaii was $1.8 billion and $2.2 billion in 2023 and 2024, respectively.
4. The industry's total state and local tax contribution in Hawaii (without the cross-state spillover effect) of $176 million in 2024 would have been sufficient to fund over half of the state's fire protection services including fire fighting organization and auxiliary services; fire inspection and investigation; support of volunteer fire forces; and other fire prevention activities, based on the latest available government spending data (2023).