Table A-51: The economic contribution of the data center industry in Virginia, 2023-2024

Metric	Type of contribution	2023	2024	Growth
Employment (jobs)	Direct contribution	47,870	49,000	2%
	Indirect and induced without the spillover effect[a]	98,800	120,560	22%
	Operational	72,250	78,800	9%
	Capital spending	26,550	41,760	57%
	Total contribution without the spillover effect[a]	146,670	169,560	16%
	Cross-state spillover	27,810	31,540	13%
	Total contribution with the spillover effect[a]	174,480	201,100	15%
Labor income ($millions)	Direct contribution	$7,414	$8,287	12%
	Indirect and induced without the spillover effect[a]	$6,989	$9,038	29%
	Operational	$4,446	$4,987	12%
	Capital spending	$2,543	$4,050	59%
	Total contribution without the spillover effect[a]	$14,403	$17,325	20%
	Cross-state spillover	$2,221	$2,698	21%
	Total contribution with the spillover effect[a]	$16,624	$20,023	20%
GDP ($millions)	Direct contribution	$13,170	$14,727	12%
	Indirect and induced without the spillover effect[a]	$11,959	$15,203	27%
	Operational	$8,230	$9,268	13%
	Capital spending	$3,729	$5,934	59%
	Total contribution without the spillover effecta	$25,129	$29,929	19%
	Cross-state spillover	$3,626	$4,349	20%
	Total contribution with the spillover effect[a]	$28,755	$34,278	19%
Tax payments[b] ($millions)	State, without cross-state spillover effect[a]	$1,426	$1,590	12%
	Local, without cross-state spillover effect[a]	$975	$1,087	12%
	State and local, without cross-state spillover effect[a]	$2,401	$2,677	12%
	State, with cross-state spillover effect[a]	$1,574	$1,858	18%
	Local, with cross-state spillover effect[a]	$1,076	$1,271	18%
	State and local, with cross-state spillover effect[a]	$2,650	$3,129	18%

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 Virginia (without the cross-state spillover effect) increased by 16 percent from 146,670 jobs in 2023 to 169,560 jobs in 2024. Including the cross-state spillover effect, the industry's total annual employment contribution in Virginia was 174,480 jobs and 201,100 jobs in 2023 and 2024, respectively.
2. The industry's total annual labor income contribution in Virginia (without the cross-state spillover effect) increased by 20 percent from $14.4 billion in 2023 to $17.3 billion in 2024. Including the cross-state spillover effect, the industry's total annual labor income contribution in Virginia was $16.6 billion and $20.0 billion in 2023 and 2024, respectively.
3. The industry's total annual GDP contribution in Virginia (without the cross-state spillover effect) increased by 19 percent from $25.1 billion in 2023 to $29.9 billion in 2024. Including the cross-state spillover effect, the industry's total annual GDP contribution in Virginia was $28.8 billion and $34.3 billion in 2023 and 2024, respectively.
4. The industry's total state and local tax contribution in Virginia (without the cross-state spillover effect) of $2.7 billion in 2024 would have been sufficient to fund nearly one-fourth of the state's expenditures toward higher education including degree granting institutions which provide academic training above grade 12, based on the latest available government spending data (2023).