

**Table 17.20-- PRIVATE SECTOR TECHNOLOGY JOBS, 2015 TO 2021 AND AVERAGE EARNINGS, 2020**

[Jobs includes paid employees and proprietors]

	2015	2016	2017	2018	2019	2020	2021	Earnings in 2020 (\$M) 1/ 2/
Technology sector	23,943.3	23,558.7	23,574.6	24,225.0	24,020.8	24,029.6	24,826.6	2,216.4
Computer services	6,545.8	6,370.1	6,482.1	6,415.4	5,987.3	5,788.0	5,913.5	563.5
Engineering and related services	6,304.6	6,277.1	6,240.7	6,470.0	6,563.5	6,721.4	6,897.0	728.0
Technical consulting services	4,528.2	4,568.7	4,766.6	5,235.5	5,371.2	5,338.0	5,457.1	378.9
Research & development services	2,025.6	1,966.1	1,730.5	1,551.0	1,537.7	1,575.0	1,646.4	153.9
Research & devel. in biotech.	510.3	508.3	460.9	380.6	333.4	371.2	383.3	34.1
Information & telecoms tech.	1,411.1	1,375.1	1,424.1	1,456.4	1,370.6	1,445.0	1,593.7	118.3
Medical labs and imaging centers	1,789.1	1,774.2	1,730.7	1,805.5	1,806.9	1,796.6	1,903.3	129.6
Technology equipment distribution	756.8	683.0	683.4	859.2	855.4	855.4	893.0	105.0
Technology manufacturing	582.2	544.4	516.4	431.9	528.2	510.2	522.7	39.3
Alternate power generation	2.0	0.2	-	-	-	-	-	-
Chemical & pharm. manufacturing	104.8	55.1	80.9	44.4	71.1	52.3	37.1	3.8
Other technology manufacturing	108.8	81.7	88.6	56.3	91.8	54.9	62.4	7.2
Medical device manufacturing	366.7	407.5	346.9	331.2	365.3	403.0	423.2	28.2

1/ Average earnings include wages and salaries, supplements to wages and salaries, and proprietors' income.

2/ Earnings data for 2021 not available at the time of publication.

Source: Hawaii State Department of Business, Economic Development and Tourism, records; see also *Hawaii's Targeted & Emerging Industries Report* (annual) <[http://dbedt.hawaii.gov/economic/reports\\_studies/emerging-industries/](http://dbedt.hawaii.gov/economic/reports_studies/emerging-industries/)>.