Table 17.20-- PRIVATE SECTOR TECHNOLOGY JOBS AND AVERAGE EARNINGS: 2009 TO 2018

[Jobs includes paid employees and proprietors. 2009-2017 revised from previous *Data Book*]

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average earnings in 2018 1/
Technology sector	23,676	23,460	23,436	23,829	23,976	23,602	23,843	23,464	23,556	23,963	83,234
Computer services	6,532	6,376	6,279	6,409	6,489	6,413	6,578	6,401	6,544	6,497	88,802
Engineering and related services	6,000	5,910	5,968	6,081	6,076	6,164	6,274	6,253	6,276	6,437	96,866
Technical consulting services	3,939	4,086	4,115	4,287	4,481	4,443	4,550	4,590	4,759	4,950	64,953
Research & development services	2,623	2,570	2,530	2,495	2,413	2,056	1,902	1,865	1,638	1,516	89,211
Research & devel. in biotech.	676	658	693	688	609	555	519	513	413	355	85,871
Information & telecoms tech.	1,295	1,286	1,238	1,285	1,409	1,439	1,423	1,373	1,384	1,427	59,413
Medical labs and imaging centers	1,688	1,697	1,742	1,701	1,689	1,743	1,779	1,754	1,741	1,796	65,733
Technology equipment distribution	853	801	775	776	740	731	753	680	678	810	114,317
Technology manufacturing	746	734	789	794	679	614	583	548	535	531	78,989
Alternate power generation	47	50	24	47	42	15	2	5	-	-	-
Chemical & pharm. manufacturing	99	91	92	106	157	171	95	73	83	77	161,247
Other technology manufacturing	94	86	125	157	127	89	114	76	76	65	57,666
Medical device manufacturing	506	507	548	485	354	339	372	394	376	389	66,371

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

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/>.