

2021 National IT & Engineering Compensation Survey

(10143) Design Engineering Technician III (Advanced)

Third of three levels of design technician work. The job typically requires completion of a formal technical program and 5+ years of experience, or equivalent. Work assignments are of greatest variety and complexity. Incumbents assist engineering staff with design, testing, prototype building, or other activities relating to design or reliability. Areas of specialization will include mechanical, chemical, electronic and others. Incumbents may use both specialized and standard computer applications in the performance of their duties. Work may include providing training and work direction for other technicians. Work may include lifting, handling or maintaining equipment or operation of production or process equipment. Supervision received is limited. Field Service Technicians are not included.

	# of Orgs # of Emp		Base Pay					Variable Pay							Total Compensation					
			Un-Wtd Avg	Wtd Avg	P25	Median	P75	Eligible		Actual			Target			Un-Wtd Avg	Wtd Avg	P25	Median	P75
								# of Orgs	# of Emp	# of Orgs	# of Emp	Wtd Annual Avg	# of Orgs	# of Emp	Wtd Avg %					
Total Responses	45	200	\$74,585	\$72,754	\$63,717	\$73,368	\$78,607	25	76	22	66	\$5,866	13	31	7.7%	\$78,887	\$74,688	\$64,520	\$73,737	\$80,004
Geographic Area																				
Great Lakes Region	24	53	\$75,915	\$75,612	\$65,219	\$73,080	\$83,585	15	31	12	25	\$7,806	6	9	11.6%	\$82,207	\$79,294	\$66,676	\$74,402	\$85,274
Minnesota	6	11	\$86,144	\$86,793	\$66,626	\$87,610	\$107,869	5	6	2	2	-	2	2	-	\$103,452	\$99,774	\$69,513	\$87,610	\$110,451
Wisconsin	17	39	\$73,715	\$71,177	\$64,480	\$70,434	\$74,402	9	22	8	20	\$3,322	3	5	-	\$75,862	\$72,857	\$64,480	\$71,763	\$78,728
Mountain Region	17	134	\$73,721	\$70,936	\$60,479	\$72,950	\$78,276	7	33	7	33	\$3,783	5	19	5.7%	\$75,330	\$72,121	\$60,483	\$73,093	\$79,854
Colorado	10	73	\$74,672	\$75,324	\$71,633	\$74,677	\$78,584	4	17	4	17	-	3	16	-	\$75,691	\$77,317	\$71,633	\$77,060	\$81,223
Utah	5	39	\$74,187	\$77,551	\$61,566	\$84,510	\$88,146	2	5	2	5	-	1	1	-	\$77,173	\$79,014	\$66,823	\$86,048	\$88,146
Size of Organization																				
100 to 199 Employees	11	23	\$81,283	\$83,732	\$73,080	\$78,354	\$100,000	9	17	9	16	\$9,250	4	6	-	\$92,572	\$89,665	\$74,487	\$79,543	\$107,869
200 to 499 Employees	9	20	\$70,295	\$68,389	\$62,140	\$66,414	\$72,465	5	7	4	6	-	4	6	-	\$73,352	\$70,492	\$62,352	\$69,414	\$75,220
1,000+ Employees	11	135	\$72,629	\$70,649	\$60,190	\$72,669	\$78,555	4	42	4	37	-	2	14	-	\$74,055	\$72,136	\$60,442	\$72,669	\$79,650
Industry																				
Durable Goods Manufacturing	23	122	\$74,102	\$69,122	\$60,483	\$70,393	\$75,557	15	34	13	30	\$3,406	7	14	6.8%	\$76,499	\$70,117	\$60,483	\$71,442	\$76,472
Non-Durable Goods Manufacturing	5	20	\$70,048	\$70,331	\$60,865	\$69,810	\$80,388	3	14	3	14	-	2	13	-	\$72,383	\$72,286	\$61,581	\$69,810	\$86,327
Public Administration	6	22	\$74,588	\$72,255	\$63,836	\$69,363	\$78,376	0	0	0	0	-	0	0	-	\$74,588	\$72,255	\$63,836	\$69,363	\$78,376
Total Annual Gross Revenue																				
\$0 to 24.9 Million	7	13	\$79,418	\$79,366	\$74,410	\$78,694	\$86,827	4	5	2	2	-	1	1	-	\$80,377	\$80,086	\$75,412	\$82,533	\$86,827
\$25 to 49.9 Million	10	17	\$78,790	\$77,209	\$66,399	\$74,023	\$86,319	7	14	7	13	\$12,417	3	4	-	\$90,804	\$85,537	\$72,373	\$75,260	\$87,431
\$50 to 99.9 Million	8	15	\$64,188	\$64,974	\$60,480	\$64,953	\$70,492	4	6	3	5	-	3	5	-	\$65,847	\$66,704	\$60,900	\$66,993	\$73,423
\$100 to 249.9 Million	5	13	\$83,281	\$84,134	\$74,373	\$78,626	\$107,869	3	3	3	3	-	1	1	-	\$87,840	\$87,933	\$75,873	\$88,470	\$107,869
\$250 Million and Over	15	142	\$72,174	\$70,786	\$60,500	\$72,867	\$78,335	7	48	7	43	\$4,206	5	20	5.8%	\$74,216	\$72,318	\$60,500	\$72,982	\$79,129
Profit Status																				
For Profit	36	171	\$73,799	\$72,312	\$64,522	\$73,584	\$78,555	23	74	20	64	\$5,810	11	29	7.5%	\$78,741	\$74,521	\$65,727	\$74,497	\$79,857
Public Sector	7	23	\$73,100	\$71,476	\$62,655	\$68,894	\$78,065	1	1	1	1	-	1	1	-	\$73,650	\$71,717	\$63,617	\$68,894	\$78,065
Metropolitan Statistical Area																				
Denver-Aurora, CO	6	64	\$75,271	\$76,421	\$73,521	\$75,366	\$81,102	4	17	4	17	-	3	16	-	\$76,969	\$79,358	\$75,258	\$78,758	\$86,850
Milwaukee-Waukesha-West Allis, WI	11	28	\$73,394	\$71,677	\$66,091	\$71,448	\$74,397	6	17	5	15	\$2,930	1	2	-	\$74,854	\$72,983	\$66,149	\$72,546	\$77,803