

TVET FACT SHEET

TESDA TVET STATISTICS
2017-2021



TESDA

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Technical Education and Skills
Development Authority (TESDA)
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ENROLLED AND GRADUATES DATA

TESDA TVET STATISTICS 2017-2021



ENROLLED AND GRADUATES BY YEAR

Table 1. Number of Enrolled and Graduates by Year: 2017–2021

TVET OUTPUT	2017	2018	2019	2020	2021
Enrolled	2,298,744	2,385,473	2,488,922	802,218	1,240,099
Graduates	2,065,697	2,252,208	2,240,750	715,158	1,157,189

Source: TESDA-ICTO

Table 2. Number of Enrolled by Sex by Year: 2017–2021

ENROLLED	2017	2018	2019	2020	2021	Total
Male	1,081,950	1,108,402	1,156,128	391,623	589,955	4,328,058
Female	1,216,794	1,277,071	1,332,794	410,595	650,144	4,887,398
Total	2,298,744	2,385,473	2,488,922	802,218	1,240,099	9,215,456

Source: TESDA-ICTO

Table 3. Number of Graduates by Sex by Year: 2017–2021

GRADUATES	2017	2018	2019	2020	2021	Total
Male	964,301	1,041,349	1,026,913	349,361	553,242	3,935,166
Female	1,101,396	1,210,859	1,213,837	365,797	603,947	4,495,836
Total	2,065,697	2,252,208	2,240,750	715,158	1,157,189	8,431,002

Source: TESDA-ICTO

Table 4. Completion Rate: 2017–2021

Completion Rate	2017	2018	2019	2020	2021
	89.86%	94.41%	90.03%	89.15%	93.00%

Source: TESDA-ICTO

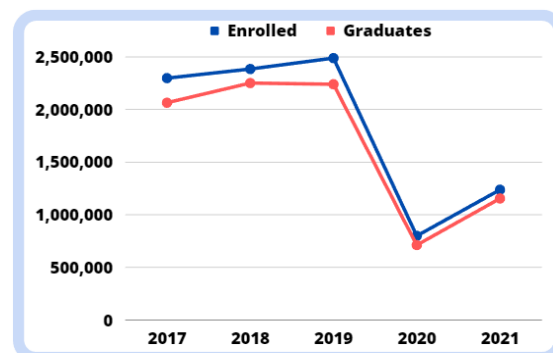


Figure 1. Number of Enrolled and Graduates: 2017-2021

From 2017 to 2019, the number of enrolled students depicted a consistent increase, while the number of graduates increased from 2017 to 2018 and slightly decreased in 2019. Both enrolled and graduates significantly decreased in 2020 due to the impact of COVID-19 pandemic. However, it can be observed that in 2021, the Government's efforts in addressing the pandemic has yielded a significant increase in the enrollment and graduates of 54.58% and 61.81%, respectively. In the last five (5) years, the number of females has remained steadily higher than males. The highest completion rate of 94% was recorded in 2018 and had been changing between 89% and 90% in the following years. An increase was observed in 2021 after two years, with a deviation of 3.85%.

Based on Figure 1, TVET outputs steadily increased from 2017-2019 but significantly decreased in 2020 due to the pandemic. Despite this, the Philippine government's effort in addressing the pandemic, the administration of vaccines, and the absence of strictly localized lockdowns have provided TVET opportunities, as shown in the increase of enrolled and graduates in 2021.

ENROLLED AND GRADUATES DATA

TESDA TVET STATISTICS 2017-2021



ENROLLED AND GRADUATES BY TRAINING VENUE

Table 5. Number of Enrolled by Training Venue: 2017–2021

Training Venue	Enrolled				
	2017	2018	2019	2020	2021
Community-based	1,165,628	1,355,107	1,109,245	307,498	472,791
Institution-based	1,059,818	942,841	840,295	342,836	572,688
Enterprise-based	73,298	87,525	97,517	26,616	84,057
Subtotal	2,298,744	2,385,473	2,047,057	676,950	1,129,536
Monitored	-	-	441,865	125,268	110,563
Grand Total	2,298,744	2,385,473	2,488,922	802,218	1,240,099

Source: TESDA-ICTO

Table 6. Number of Graduates by Training Venue: 2017–2021

Training Venue	Graduates				
	2017	2018	2019	2020	2021
Community-based	1,126,311	1,276,837	1,030,095	289,148	440,969
Institution-based	872,721	897,799	701,042	281,820	526,357
Enterprise-based	66,665	77,572	86,842	20,582	86,004
Subtotal	2,065,697	2,252,208	1,817,979	591,550	1,053,330
Monitored	-	-	422,771	123,608	103,859
Grand Total	2,065,697	2,252,208	2,240,750	715,158	1,157,189

Source: TESDA-ICTO

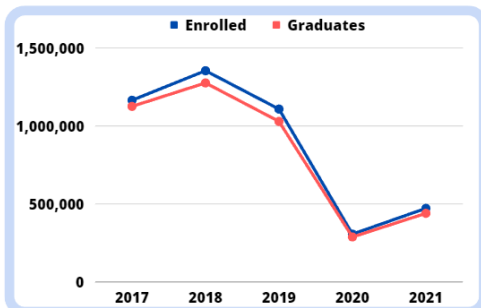


Figure 2. Number of Enrolled by Community-based Training Venue: 2017-2021

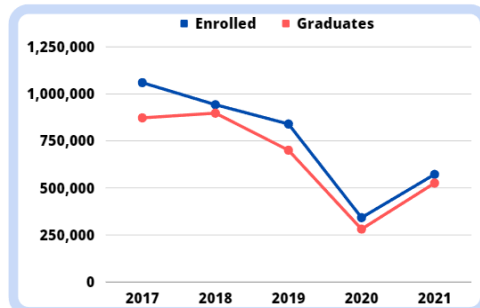


Figure 3. Number of Enrolled by Institution-based Training Venue: 2017-2021

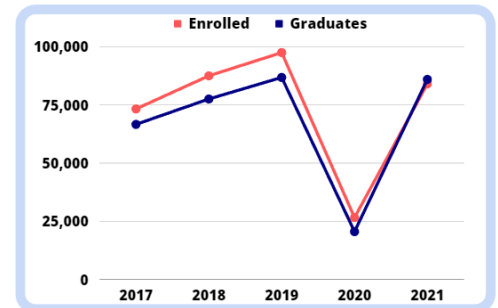


Figure 4. Number of Enrolled by Enterprise-based Training Venue: 2017-2021

In terms of the training venue, from 2017 to 2019, most of the enrollees are from the Community-Based Training. However, in 2020 data showed that Institution-Based Training slightly outpaced Community Based Training by 11.49%. It is significant to note that most areas in 2020 were in lockdown due to the pandemic, which limits the conduct of community-based training. Despite this, all training venues made critical efforts to recover TVET opportunities in 2021. Enterprise-Based Training remains to have the lowest total number of enrollees at 4.32% (percentage distribution) for the last five years. Similar results are observed for the graduates by training venue.

Table 7. Number of Enrolled and Graduates of Monitored TVET Programs: 2017–2021

Monitored TVET Programs	Enrolled			Graduates		
	2019	2020	2021	2019	2020	2021
	441,865	125,268	110,563	422,771	123,608	103,859

Table 7 shows the data of skills training programs that have TVET components and are conducted by other National Government agencies and other skills training that has to be reported to TESDA.

NOTE: Data on the monitored training venues from 2015 to 2018 are accounted in the Community-based training program. However, starting 2019 monitored programs are under 'monitored' as per Memorandum no. 181, s. 2019: Reporting of the Training Outputs. Monitored programs are "skills training programs that have TVET component conducted by other National Government Agencies and other skills training that has to be reported to TESDA. Some of these are from NGAs' conducted skills training programs, TVL track graduates, DepEd Alternative Learning System (ALS), and others.

ENROLLED AND GRADUATES DATA

TESDA TVET STATISTICS 2017-2021



ENROLLED AND GRADUATES BY TRAINING VENUE

Table 8. Number of Enrolled by Training Provider: 2017–2021

Training Venue	Enrolled					Total
	2017	2018	2019	2020	2021	
Private	1,077,944	1,118,463	1,033,492	343,035	574,258	4,147,192
Public	1,220,800	1,267,010	1,455,430	459,183	665,841	5,068,264
Total	2,298,744	2,385,473	2,488,922	802,218	1,240,099	9,215,456

Source: TESDA-ICTO

*Public TVIs includes the following TTIs, DepEd Supv, GOCC/GFI, LCU, LGU, NGA, SUCs

*Private TVIs includes the following Enterprise/Company, HEIs, NGO/Foundation, School/Institutions

Table 9. Number of Graduates by Training Provider: 2017–2021

Training Venue	Graduates					Total
	2017	2018	2019	2020	2021	
Private	941,485	1,064,428	886,029	302,260	538,194	3,732,396
Public	1,124,212	1,187,780	1,354,721	412,898	618,995	4,698,606
Total	2,065,697	2,252,208	2,240,750	715,158	1,157,189	8,431,002

Source: TESDA-ICTO

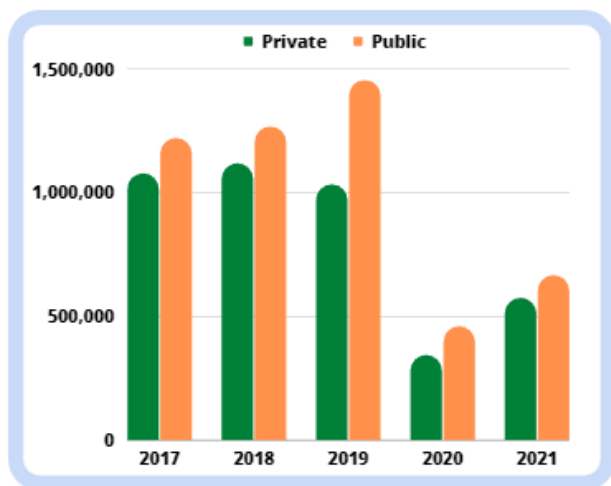


Figure 5. Number of Enrolled by Training Provider: 2017-2021

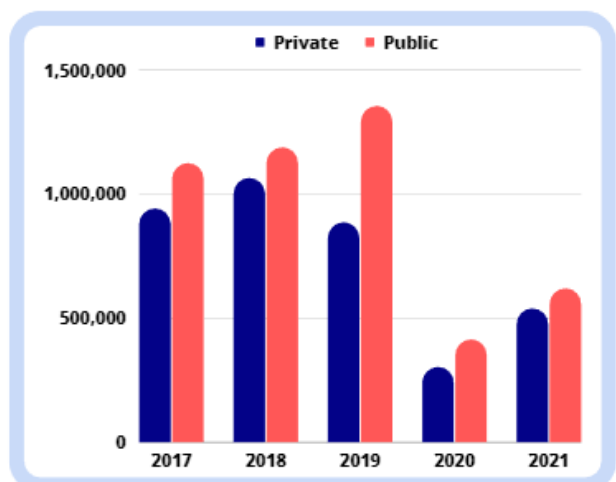


Figure 6. Number of Graduates by Training Provider: 2017-2021

The public institution remains the highest provider of enrolled and graduates in the last five (5) years, with a significant difference of 22.21% (enrolled) and 25.89% (graduates). The data of the community-based training from the previous table shows that most of the programs composed of short-term courses are still provided by TTIs, LGUs, NGOs, and NGAs.



ENROLLED AND GRADUATES BY SECTOR

Table 10. Number of Enrolled and Graduates by Sector: 2017 – 2021

SECTOR	2017		2018		2019		2020		2021	
	ENROLLED	GRADUATES	ENROLLED	GRADUATES	ENROLLED	GRADUATES	ENROLLED	GRADUATES	ENROLLED	GRADUATES
Agriculture Forestry and Fishery	111,148	101,471	136,209	132,215	184,866	157,421	160,699	132,110	229,587	237,468
Automotive and Land Transportation	173,017	149,761	142,126	129,106	157,717	142,286	56,081	46,750	104,469	94,923
Chemicals / Plastics / Petrochemicals	969	950	283	278	249	193	221	221	725	713
Construction	97,007	83,649	100,109	98,012	101,953	87,135	35,577	34,745	68,012	60,837
Creative	-	-	-	-	-	-	-	-	527	526
Decorative Crafts	4,957	4,876	1,867	1,641	5,533	5,354	1,347	1,248	1,654	1,630
Electrical and Electronics	155,467	136,164	187,210	170,691	201,211	172,286	61,539	58,338	79,243	74,788
Footwear and Leathergoods	1,828	2,100	427	415	519	507	127	84	360	325
Furniture and Fixtures	695	663	94	281	1,062	971	230	206	131	153
Garments	46,141	40,538	52,123	49,331	41,797	38,141	14,477	11,973	19,469	19,274
Heating, Ventilation, Airconditioning and Refrigeration	9,137	7,308	8,322	7,087	8,852	7,790	1,780	1,635	3,502	3,196
Human Health / Health Care	138,203	123,117	138,030	137,642	144,234	127,850	27,961	26,820	49,683	39,873
Information and Communication Technology	202,690	185,201	123,022	118,308	78,882	71,119	25,233	21,034	48,870	42,090
Logistics	-	-	187	80	369	103	65	16	498	391
Maritime	7,344	6,061	7,580	5,658	11,072	8,887	5,480	4,909	10,918	9,228
Metals and Engineering	140,345	119,091	113,562	114,989	116,394	98,831	41,189	39,858	67,050	65,299
Processed Food and Beverages	101,629	96,957	71,612	67,476	75,164	70,085	28,571	26,333	47,436	45,838
Pyrotechnics	-	-	195	164	530	496	228	174	71	70
Social, Community Development and Other Services	524,239	504,267	233,466	221,863	233,750	216,535	59,428	56,266	113,657	102,098
Tourism (Hotel and Restaurant)	557,203	484,103	585,714	549,285	571,527	517,142	125,411	105,927	192,298	175,886
TVET	18,339	11,057	17,090	17,759	18,417	15,965	13,210	10,625	14,757	11,078
Utilities	110	84	1,624	1,671	1,046	842	1,167	1,231	1,742	1,688
Visual Arts	1,505	1,248	1,193	1,125	730	621	323	193	331	235
Wholesale and Retail Trading	6,771	7,031	3,590	2,498	2,809	2,522	890	921	679	402
OTHERS	-	-	459,838	424,633	530,239	497,668	140,984	133,541	184,430	169,480
Total	2,298,744	2,065,697	2,385,473	2,252,208	2,488,922	2,240,750	802,218	715,158	1,240,099	1,157,189

Source: TESDA-ICTO

In the span of five years, the sectors with the most number of enrolled and graduates of TVET are from Tourism (Hotel and Restaurant); Social, Community Development and Others; Agriculture, Forestry, and Fishery; Electrical and Electronics; and, Automotive and Land Transportation. Even before the COVID-19 pandemic, these sectors had the highest number of enrolled and graduates from 2017 to 2019. Agriculture, Forestry, and Fishery remains steady in the number of graduates and enrolled and has also increased adequately in 2021. More so, these aforementioned sectors have also recovered from the heavy losses during the onset of the COVID-19 as evidenced by the notable increase except for Agriculture, Forestry, and Fishery compared to 2020. Consequently, 45.96% of enrollment and 45.67% of TVET graduates are from the priority sectors in the last five years: 1.) Tourism (Hotel and Restaurant); 2.) Agriculture, Fishery, and Forestry; 3.) Human Health / Health Care; 4.) Construction; 5.) Information and Communication Technology; 6.) Logistics.

ASSESSED AND CERTIFIED BY SECTOR

Table 11. Number of Assessed and Certified by Sector 2017 – 2021

SECTOR	2017		2018		2019		2020		2021	
	ASSESSED	CERTIFIED	ASSESSED	CERTIFIED	ASSESSED	CERTIFIED	ASSESSED	CERTIFIED	ASSESSED	CERTIFIED
Agriculture Forestry and Fishery	36,467	34,377	80,733	75,781	84,316	80,659	42,782	40,977	63,020	59,709
Automotive and Land Transportation	115,855	107,536	156,926	144,017	131,306	123,305	52,233	48,733	80,279	74,229
Chemicals / Plastics / Petrochemicals							0	0	0	0
Construction	75,593	71,846	118,516	111,181	112,508	107,618	37,117	35,543	61,109	58,175
Creative									0	0
Decorative Crafts							0	0	0	0
Electrical and Electronics	150,193	129,691	222,863	190,319	193,453	173,962	76,179	68,681	65,365	58,156
Footwear and Leathergoods	0	0	9	9	-	0	0	0	0	0
Furniture and Fixtures	138	136	345	327	61	60	44	44	39	39
Garments	18,112	15,884	29,684	26,189	23,430	21,429	8,945	7,801	10,692	9,014
Heating, Ventilation, Airconditioning and Refrigeration	7,243	6,499	8,604	7,748	8,393	7,772	2,101	1,896	3,064	2,776
Health, Social and Other Community Development Services										
Human Health / Health Care	74,399	71,454	123,931	116,522	94,599	90,781	24,318	23,276	30,884	29,192
Information and Communication Technology	17,438	13,613	30,996	24,876	18,392	15,676	3,277	2,732	1,412	908
Logistics					26	25	0	0	0	0
Maritime	26,111	26,021	21,035	20,929	18,309	18,271	6,751	6,598	12,616	12,338
Metals and Engineering	106,497	100,016	139,556	129,648	112,773	107,879	42,223	39,796	65,251	61,738
Processed Food and Beverages	26,138	25,200	27,271	26,473	20,628	19,949	6,493	6,306	7,869	7,643
Pyrotechnics									0	0
Social, Community Development and Other Services	265,874	251,415	300,888	278,963	306,755	285,755	66,869	61,679	113,755	97,341
Tourism (Hotel and Restaurant)	410,326	385,533	591,836	559,492	481,753	462,012	122,987	117,477	116,787	111,060
TVET	1,206	1,018	1,162	978	52	43	174	149	4,805	3,407
Utilities	286	284	468	468	412	409	226	222	60	60
Visual Arts	95	70	274	232	430	400	40	25	183	160
Wholesale and Retail Trading	1,396	1,393	2,823	2,815	2,564	2,541	259	254	469	427
Total	1,333,367	1,241,986	1,857,920	1,716,967	1,610,160	1,518,546	493,018	462,189	637,659	586,372

Source: TESDA-ICTO

From 2017-2021, the Tourism (Hotel and Restaurant); Social, Community Development and Other Services; Electrical and Electronics; Automotive and Land Transportation; and, Metals and Engineering are those with the highest number of assessed and certified.

ASSESSED AND CERTIFIED DATA

TESDA TVET STATISTICS 2017-2021



ASSESSED AND CERTIFIED BY YEAR

Table 12. Number of Assessed and Certified by Year: 2017–2021

	2017	2018	2019	2020	2021	Total
Assessed	1,333,367	1,857,920	1,610,160	493,018	637,659	5,932,124
Certified	1,241,896	1,716,967	1,518,546	462,189	586,372	5,525,970

Source: CO-CAD

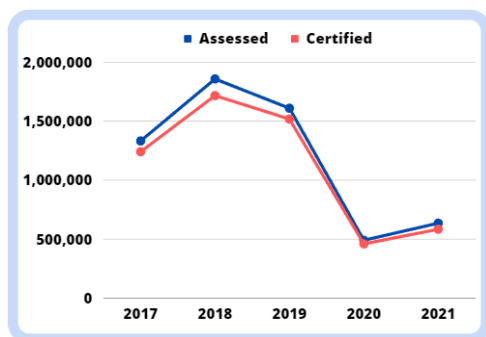


Figure 7. Number of Assessed and Certified by Year: 2017-2021

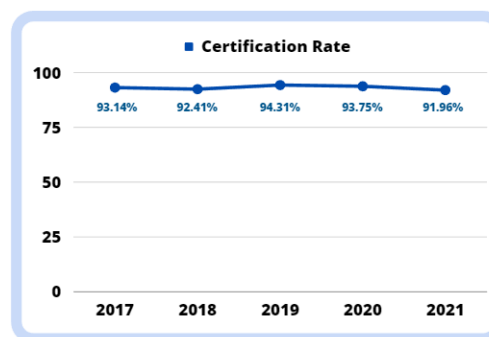


Figure 8. Certification Rate: 2017-2021

The number of assessed and certified increased in 2018 compared to 2017 and partially decreased in 2019. Expectedly, in 2020, the COVID-19 pandemic has hampered the number of potential candidates for assessment. In 2021, the efforts of the government in addressing the pandemic have paved the way for the increase in the number of assessed and certified with the changes in the quarantine status. The certification rate fluctuates from 2017-2021, with an average difference of 1.25%.

COMPETENCY ASSESSORS AND ASSESSMENT CENTERS BY REGION

Table 13. Number of Competency Assessors and Assessment Centers by Region: 2017–2021

Region	2017		2018		2019		2020		2021	
	No. of Competency Assessors	No. of Assessment Centers	No. of Competency Assessors	No. of Assessment Centers	No. of Competency Assessors	No. of Assessment Centers	No. of Competency Assessors	No. of Assessment Centers	No. of Competency Assessors	No. of Assessment Centers
I	562	427	716	516	768	624	613	421	569	388
II	440	228	521	289	608	388	540	372	583	316
III	1,185	712	1,462	801	1,542	1,017	1,221	662	1,117	639
IV-A	1,324	922	1,552	1,026	1,612	1,061	1,151	697	1,176	682
IV-B	510	345	620	374	689	398	561	323	570	292
V	485	348	525	406	525	434	435	311	448	289
VI	654	357	880	475	1,027	577	870	349	772	341
VII	671	486	894	537	952	605	821	459	849	476
VIII	664	338	840	355	913	417	868	415	887	355
IX	565	382	683	408	719	430	530	277	499	233
X	673	440	912	577	1,064	672	877	513	701	451
XI	724	496	955	573	1,158	719	913	562	925	441
XII	719	459	947	567	1,024	679	769	449	766	362
BARMM	172	116	230	178	292	205	240	176	211	141
CAR	494	278	668	293	806	344	790	288	803	237
CARAGA	316	246	369	284	356	324	271	159	291	170
NCR	1,598	1,341	1,918	1,527	2,077	1,549	1,592	908	1,449	743
Total	11,756	7,921	14,692	9,186	16,132	10,443	13,062	7,341	12,616	6,556

Source: CO-CAD

As of 2021, the National Capital Region remains the highest in the number of competency assessors and assessment centers, followed by Region III and IV-A. The number of competency assessors and assessment centers in all Regions consistently increased from 2017-2019 but significantly declined in 2020.

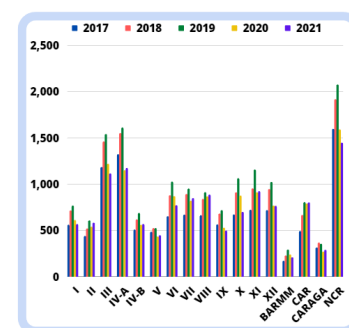


Figure 9. Number of Competency Assessors by Region: 2017-2021

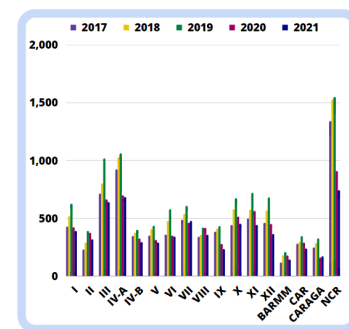


Figure 10. Number of Assessment Centers by Region: 2017-2021

TVET TRAINERS DATA

TESDA TVET STATISTICS 2017-2021



NATIONAL TVET TRAINERS' CERTIFICATE HOLDERS (NTTC) HOLDERS BY YEAR

Table 14. Number of NTTC Holders by Year by Region: 2017–2021

REGION	2017	2018	2019	2020	2021
I	2,414	2,261	2,325	1,992	1,985
II	1,432	1,542	1,749	1,634	1,627
III	3,082	3,561	3,812	3,716	3,667
IV-A	3,757	4,185	4,204	3,634	3,444
IV-B	1,189	1,620	1,676	1,562	1,652
V	2,202	1,957	1,927	1,749	2,065
VI	1,737	2,356	2,539	2,327	2,506
VII	1,836	1,965	1,880	1,678	1,680
VIII	1,559	1,676	2,449	2,292	2,278
IX	1,448	1,671	1,851	1,606	1,435
X	2,258	2,262	2,840	2,942	2,632
XI	2,518	2,616	3,094	2,335	2,047
XII	2,645	2,438	767	2,684	2,059
BARMM	645	654	2,566	674	653
CAR	917	907	1,015	1,028	973
CARAGA	773	750	722	674	688
NCR	5,736	7,026	7,116	5,942	5,017
Total	36,148	39,447	42,532	38,469	36,408

Source: CO-CAD

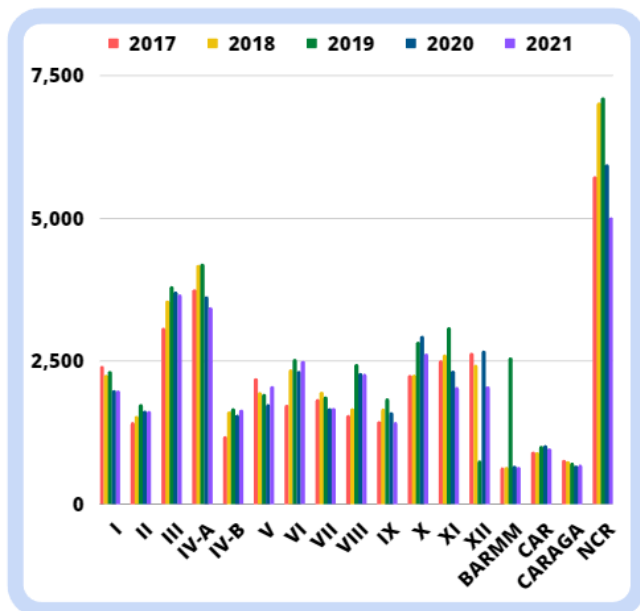


Figure 11. Number of NTTC Holders by Region: 2017-2021

Table 15. TVET Number of NTTC Holders by Sector: 2017 – 2021

Sector	2017	2018	2019	2020	2021
Agriculture, Forestry and Fishery	1,548	2,074	2,900	3,570	4,015
Automotive and Land Transportation	2,801	2,728	2,981	2,890	3,196
Construction	2,870	3,234	3,749	3,888	3,939
Electrical and Electronics	5,161	5,630	6,135	5,393	4,670
Footwear and Leathersgoods	-	-	1	2	2
Furnitures and Fixtures	12	11	19	18	16
Garments	746	885	963	918	894
Heating, Ventilation, Airconditioning and Refrigeration	359	416	417	369	313
Human Health/Health Care	2,953	3,142	3,195	2,977	2,744
Information and Communication Technology	812	1,037	1,023	813	562
Logistics	-	-	1	1	1
Maritime	343	322	168	167	244
Metals and Engineering	2,689	3,173	3,731	3,629	3,523
Processed Food and Beverages	748	720	695	563	488
Social, Community Development and Other Services	2,511	2,820	3,063	2,864	2,574
Tourism (Hotel and Restaurant)	12,485	13,125	13,325	10,248	9,097
TVET	-	-	-	-	-
Utilities	19	20	35	33	24
Visual Arts	27	31	36	33	26
Wholesale and Trading	64	79	95	93	80
Total	36,148	39,447	42,532	38,469	36,408

Source: CO-CAD

For five (5) years, the National Capital Region consistently attained the highest number of NTTC Holders, followed by Region III and IV-A. Moreover, the said three (3) regions have experienced an increase from 2017 to 2019, but have shown declines from 2020. Tourism (Hotel and Restaurant) remains to have the highest number of NTTC Holders by sector, followed by Automotive and Land Transportation; Construction; Metals and Engineering; and, Footwear and Leathersgoods, respectively.

TVET TRAINERS DATA

TESDA TVET STATISTICS 2017-2021



Table 16. Number of Enrolled and Graduates in Trainers' Methodology I by Year: 2017 – 2021

TM I	2017	2018	2019	2020	2021	Total
Enrolled	17,884	11,902	13,150	4,402	7,888	55,226
Graduates	10,756	13,068	10,855	3,734	6,673	45,086

Source: Source: TESDA-ICTO

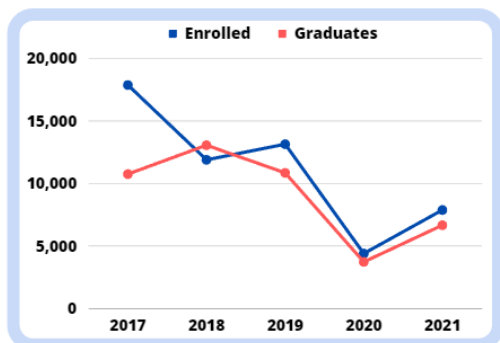


Figure 12. Number of Enrolled and Graduates of Trainers' Methodology I by Year: 2017-2021

Table 17. Number of Enrolled and Graduates in Trainers' Methodology II by Year: 2017 – 2021

TM II	2017	2018	2019	2020	2021	Total
Enrolled	-	44	21	1,355	1,210	2,630
Graduates	-	44	0	289	1,073	1,406

Source: TESDA-ICTO

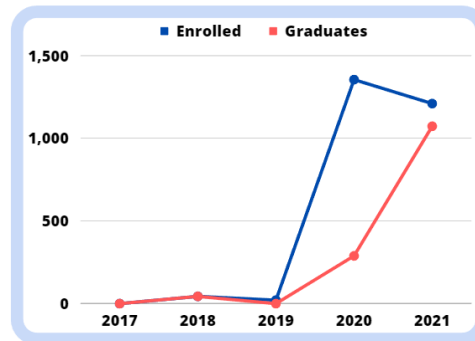


Figure 13. Number of Enrolled and Graduates of Trainers' Methodology II by Year: 2017-2021

For TM I, the number of enrolled and graduates in Trainers' Methodology has sharply decreased in 2020, which can also be attributed to the pandemic observed but has drastically increased in 2021. On the other hand, it can be observed that there is an increase in the number of enrollees and graduates for TM II programs from 2019-2021.

TVET PROVIDERS DATA

TESDA TVET STATISTICS 2017-2021



Table 18. Number of TVET Providers by year: 2017-2021

	2017	2018	2019	2020	2021
Public	341	353	404	433	445
Private	3,633	3,866	3,983	4,001	4,098
Total	3,974	4,219	4,387	4,434	4,543

Source: PRD-Certification Office

Note: Data is based on physical count

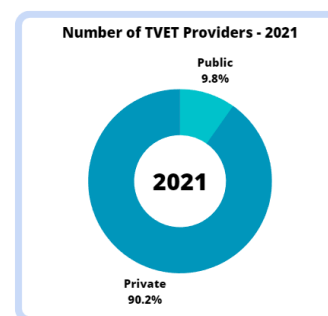


Figure 14. Number of TVET Providers as of 2021

Table 18 indicates that only 10% of the training providers are public training institutions, while 90% or the majority are private providers. Likewise, an increasing number of TVET Providers in public and private institutions has been evident for the past five (5) years.

SCHOLARSHIP PROGRAMS DATA

TESDA TVET STATISTICS 2017-2021



Table 19. Number of Beneficiaries of the PESFA Scholarship Program: 2017-2021

PESFA	2017	2018	2019	2020	2020**	2021	Total
Enrolled	19,840	21,189*	20,689*	12,294	1,076	11,722	86,810
Graduates	19,674	19,818*	20,085*	8,227	977	10,691	79,472
Assessed	14,510	18,663	18,245	4,315	549	8,089	64,371
Certified	16,310	15,923	16,763	3,947	495	7,155	60,593

Source: SMD-ROMO

Note: *Data is updated based on the 2017-2019 Annual Report and 2020 Report

** 2021 Output using the 2020 Continuing Appropriations Budget

Table 20. Number of Beneficiaries of the TWSP Scholarship Program: 2017-2021

TWSP	2017	2018	2019	2020	2020**	2021	Total
Enrolled	319,762	348,960*	293,844*	81,080	64,303	223,488	1,331,437
Graduates	271,561	322,129*	249,126*	46,102	53,943	152,222	1,095,083
Assessed	235,577	280,713	195,645	19,760	20,918	62,291	814,904
Certified	202,851	251,555	183,441	18,862	19,510	58,485	734,704

Source: SMD-ROMO

Note: *Data is updated based on the 2017-2019 Annual Report and 2020 Report

** 2021 Output using the 2020 Continuing Appropriations Budget

Table 21. Number of Beneficiaries of the STEP Scholarship Program: 2017-2021

STEP	2017	2018	2019	2020	2020**	2021	Total
Enrolled	65,720	68,762*	111,333*	33,515	15,042	80,637	375,009
Graduates	65,190	62,967*	75,004*	20,828	12,023	54,155	290,167
Assessed	60,754	57,671	59,267	5,619	4,992	20,489	208,792
Certified	56,449	54,209	56,719	5,409	4,431	19,575	196,792

Source: SMD-ROMO

Note: *Data is updated based on the 2017-2019 Annual Report and 2020 Report

** 2021 Output using the 2020 Continuing Appropriations Budget

Table 22. Number of Beneficiaries of the UAQTEA Scholarship Program: 2017-2021

UAQTEA	2019	2020	2020*	2021	Total
Enrolled	60,352	50,310	14,338	46,030	171,030
Graduates	23,672	19,001	10,838	17,910	71,421
Assessed	17,366	10,302	3,814	688	32,170
Certified	16,299	9,876	3,357	619	30,151

Source: SMD-ROMO

Note: * 2021 Output using the 2020 Continuing Appropriations Budget

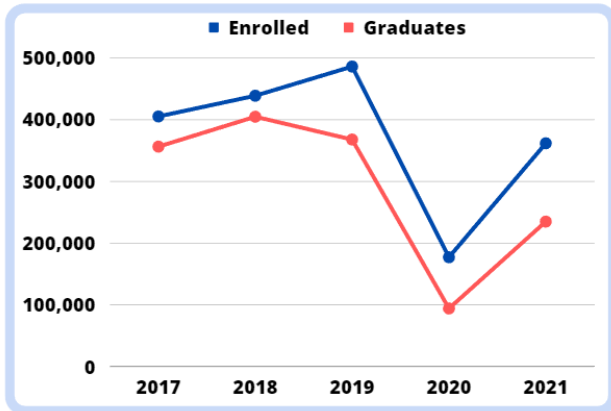


Figure 15. Number of Enrolled and Graduate Beneficiaries of TESDA Scholarship Programs: 2017-2021

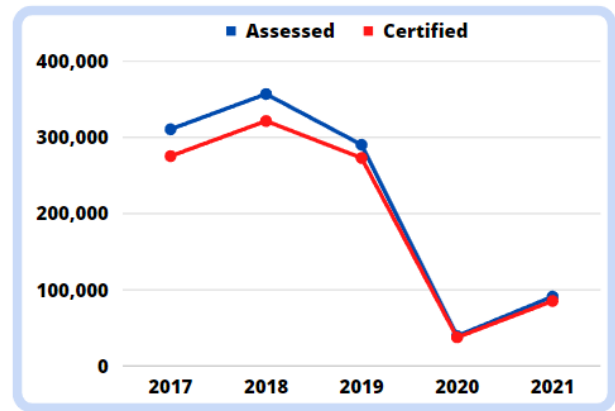


Figure 16. Number of Assessed and Certified Beneficiaries of TESDA Scholarship Programs: 2017-2021

Among the scholarship programs, TWSP accounted for the majority of enrollees, graduates, assessed and certified. This can be attributed to the budget allotted for the implementation of the programs. In 2020, there was a significant decrease in the number of enrolled, graduates, assessed and certified for the entire scholarship program managed by TESDA, still due to the impact of the COVID-19 pandemic.

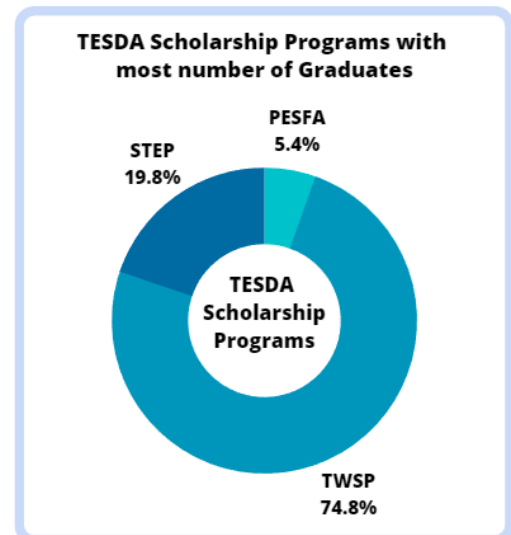


Figure 15. Number of TESDA Scholarship Beneficiaries

SCHOLARSHIP PROGRAMS DATA

TESDA TVET STATISTICS 2017-2021



Table 23A. TVET Scholarship Output by Sector: Continuing Appropriations 2020

Sector	TWSP				PESFA				STEP				UAQTEA				Bayanihan 2 Fund under TWSP Implementation			
	E	G	A	C	E	G	A	C	E	G	A	C	E	G	A	C	E	G	A	C
Agriculture, Forestry, and Fishery	14,265	12,439	2,681	2,492	190	190	149	114	843	505	183	161	2,292	1,534	817	727	3,880	3,599	1,447	1,366
Automotive and Land Transportation	5,188	3,909	2,456	2,281	70	70	28	31	2,427	2,098	514	502	1,357	981	391	332	5,536	4,370	2,979	2,780
Construction	6,633	5,722	2,571	2,514	143	75	47	42					1,328	1,254	739	659	3,646	3,376	1,683	1,626
Creative									2,073	1,648	881	786								
Electrical and Electronics	5,320	4,257	2,160	2,010	91	90	68	64	1,080	787	351	232	1,659	1,425	540	465	2,664	2,379	1,364	1,219
Garments and Textiles	769	651	345	314	45	45	45	37	202	108	44	44	248	214	152	126	649	620	231	166
Health, Social and Other Community Development Services	4,466	3,567	545	284	72	70	18	18					597	472			2,600	2,245	834	695
Heating, Ventilation, Airconditioning and Refrigeration	200	123	22	22									70	45	25	17	50	45	17	17
Information and Communication Technology	4,808	4,331	85	88	107	105							2,303	1,412	45	42	3,131	2,995		
Language and Culture	497	411															13	13		
Maritime	165	123	82	80					2,435	1,772	998	994					100	100	56	56
Metals and Engineering	7,376	6,215	4,372	4,097	155	130	87	86	615	523	171	171	1,350	1,041	552	511	2,563	2,319	1,450	1,352
Processed Food and Beverages	2,325	1,912	860	831					5,367	4,582	1,850	1,541	193	183	-	-	247	193	79	79
Tourism (Hotel and Restaurant)	11,080	9,244	4,595	4,386	203	202	107	103					2,941	2,277	553	478	6,731	6,065	3,684	3,573
TVET	1,186	1,018	144	111													244	204	86	56
Wholesale and Retail Trading	25	21																		
Total	64,303	53,943	20,918	19,510	1,076	977	549	495	15,042	12,023	4,992	4,431	14,338	10,838	3,814	3,357	32,054	28,523	13,910	12,985

Data as of December 31, 2021

Source: ROMO-SMD

SCHOLARSHIP PROGRAMS DATA

TESDA TVET STATISTICS 2017-2021



Table 23B. TVET Scholarship Output by Sector: FY 2021

Sector	TWSP				PESFA				STEP				UAQTEA				TTSP				RESP				BKSTP				
	E	G	A	C	E	G	A	C	E	G	A	C	E	G	A	C	E	G	A	C	E	G	A	C	E	G	A	C	
Agriculture, Forestry, and Fishery	43,265	30,724	10,291	9,997	1,893	1,872	1,479	1,382	28,094	20,544	2,366	2,266	2,554	929	44	44	5,366	2,305	706	651	40,727	33,461	2,136	2,101	214				
Automotive and Land Transportation	21,899	15,270	9,324	8,632	1,029	887	717	650	3,720	2,174	871	849	2,487	712			6,213	2,355	1,358	1,256	5,335	4,288	1,990	1,912					
Construction	26,058	18,224	7,826	7,413	761	692	492	467	8,001	4,895	2,403	2,309	1,620	347	63	60	4,608	1,989	887	774					102	22			
Creative	25																												
Electrical and Electronics	20,719	15,160	9,098	8,428	1,833	1,714	1,345	1,101	5,705	3,301	1,784	1,593	5,629	2,247			3,333	1,123	636	560					75	45			
Footwear and Leather Goods																	300	300											
Garments and Textiles	3,287	2,467	847	757	143	143	103	61	2,377	1,475	962	735	173	48			629	148	148	126					50	50			
Health, Social and Other Community Development Services	16,846	10,172	2,129	1,703	1,470	1,178	771	566	1,235	1,032	529	527	3,200	1,353	70	28	4,415	1,290	154	150	5,831	4,365	2,606	1,155					
Heating, Ventilation, Airconditioning and Refrigeration	1,194	741	367	321	90	65	59	54					254	96			65												
Information and Communication Technology	19,886	14,585	77	70	566	509	76	47					9,013	3,732			3,623	1,661											
Language and Culture	4,390	3,280															216	72											
Maritime	311	251	107	106													476	252	22	22									
Metals and Engineering	28,409	17,226	10,415	9,946	1,327	1,195	1,080	978	7,364	4,423	3,294	3,167	348	70			5,539	1,521	1,009	906					20	20			
Processed Food and Beverages	1,870	1,198	761	732	13	13	12	12	1,906	1,329	626	624	25				756	245	142	141									
Tourism (Hotel and Restaurant)	29,230	19,010	10,126	9,714	2,597	2,423	1,955	1,837	22,235	14,982	7,654	7,505	20,727	8,376	511	487	11,225	4,234	1,477	1,398					41	25			
TVET	6,004	3,876	923	666													287												
Visual Arts	95	38															22												
Wholesale and Retail Trading																	72	24	43	43									
Total	223,488	152,222	62,291	58,485	11,722	10,691	8,089	7,155	80,637	54,155	20,489	19,575	46,030	17,910	688	619	47,145	17,519	6,582	6,027	51,893	42,114	6,732	5,168	502	162	-	-	

Data as of December 31, 2021

Source: ROMO-SMD

EMPLOYMENT RATE DATA

TESDA TVET STATISTICS 2017-2021



Table 24. Employment Rate of TESDA Graduates per year (2017-2021)

Survey Round	TVET Graduates Covered	Employment Rate
2017	CY 2016	71.90
2018	CY 2017	68.60
2019	CY 2018	84.20
2020	CY 2019	70.51
2021	CY 2020	78.60

Source: SETG

Note: Survey Round is the year the report was released and covers graduates of the previous year

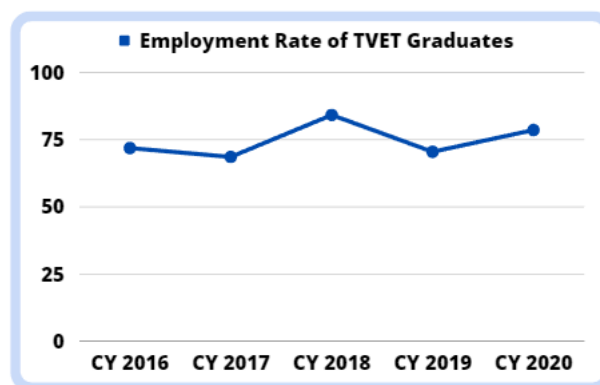


Figure 15. TESDA Graduates' Employment Rate

The data shows that the average employment rate of TVET graduates for the last five years is 74.76 or approximately 7 out of every 10 TVET graduates were employed at the time of the survey. The highest Employment Rate was recorded in the survey round of 2019 (84.2%) wherein 8 out of every 10 TVET graduates are employed at the time of the survey, while a large decrease in the employment rate was observed in 2020 with a 13.7% decrease. This can be attributed to the impact of the Covid19 pandemic wherein the economic activity slowed down, and even the national employment rate decreased.

EMPLOYMENT RATE (TRAINING VENUE, SCHOLARSHIP, SECTOR)

Table 25. Employment Rate of TESDA Graduates by Training Venue: 2017 – 2021

Survey Round	TVET Graduates Covered	National Employment Rate	Employment Rate By Delivery Mode		
			Institution-based	Community-based	Enterprise-based
2017	2016	71.90	73.20	70.00	71.50
2018	2017	68.58	69.60	66.17	73.34
2019	2018	84.20	83.70	85.80	67.20
2020	2019	70.50	69.51	71.70	74.20
2021	2020	78.60	76.71	82.48	78.51

Source: Study on the Employment of TVET Graduates (SETG), TESDA - Planning Office

Table 26. Employment Rate of TESDA Graduates by Scholarship Program: 2017 – 2021

Survey Round	Employment Rate by Scholarship Program			
	TWSP	STEP	PESFA	UAQTEA
2017	76.93	77.39	66.18	
2018	70.59	68.43	77.2	
2019	86.2	84.4	88.5	
2020	73.43	74.43	67.24	65.02
2021	78.82	73.28	60.24	76.92

Source: Study on the Employment of TVET Graduates (SETG), TESDA - Planning Office

Table 27. Employment Rate of TESDA Graduates by Sector: 2018-2021

Sector	Employment Rate by Survey Round			
	2021	2020	2019	2018
Agriculture, Forestry, and Fishery	87.32	77.11	88.57	79.35
Automotive and Land Transportation	82.00	76.01	85.12	75.83
Construction	76.71	74.57	76.23	70.00
Decorative Crafts		100.00		94.46
Electrical and Electronics	70.95	68.55	82.61	65.89
Footwear and Leathergoods	100.00	82.90	100.00	97.24
Garments	83.12	83.55	86.67	76.59
Heating, Ventilation, Airconditioning, and Refrigeration	79.93	74.39	100.00	87.23
Human Health/Health Care	78.50	71.92	88.39	71.35
Information and Communication Technology	73.49	64.46	83.54	72.23
Language	65.38	64.42	88.89	70.47
Maritime	31.21	55.34	88.72	73.28
Metals and Engineering	77.15	68.82	82.56	64.24
Processed Food and Beverages	78.86	73.40		58.62
Social, Community Development, and Other Services	70.77	64.15	86.02	77.81
Tourism (Hotel and Restaurant)	75.13	67.42	82.43	60.14
TVET	92.72	87.80	86.59	83.51
Utilities		100.00	47.85	
Visual Arts	61.12	50.50	93.22	
Wholesale and Retail Trading	60.78	90.98	88.69	67.73
Others	86.47	72.25	72.73	66.44
Total	78.60	70.51	84.20	68.60

Source: Study on the Employment of TVET Graduates (SETG), TESDA - Planning Office



SUMMARY OF FINDINGS/ANALYSIS

1. The enrolled, graduates, assessed, and certified have all posted an increase from 2017-2019. However, these numbers have significantly decreased in 2020, which is attributed to the COVID-19 pandemic. The Philippine government's effort in addressing the pandemic, the administration of vaccines, and the gradual lifting of strict localized lockdowns have provided TVET opportunities as shown in the increase of enrolled and graduates in 2021. Other than this, TESDA has also contributed training programs on how to minimize the spread of COVID-19 installed at the respective local government unit. On the other hand, it is also worth noting that a decrease contributes to the learning losses, which is another area the agency can look into with this impact of the pandemic.
2. For the sectoral outputs, the Tourism sector accounted for the highest average number of enrolled (22.05%) and graduates (21.73%) in the span of five years (2017-2021). The high outputs of the sector can be attributed to the number of TVET offerings, as this is also the sector with the most number of registered programs.

Further, based on the National Technical Education and Skills Development Plan (NTESDP) 2018-2022, Tourism (Hotel and Restaurant) is also among the first group of priority sectors that accumulated a high number of enrolled and graduates followed by ICT-BPM. Following the Tourism sector comes Agriculture, Forestry and Fishery (Enrolled: 8.93% | Graduates: 9.02%). It is known that this sector is responsible for securing the supply of food in the country, especially during this time of gradual recovery from the pandemic. Despite being included in the group of priority sectors, the Logistics sector recorded the lowest enrolled (0.01%) and graduates (0.01%) among the other sectors. In light of these, the following actions are recommended:

- There should be more efforts in increasing the number of available NTTC holder trainers in the ICT-BPM and the Logistics sector as this is where the phenomenon of the Fourth Industrial Revolution (4IR) is primarily focused and some of these digital skills are in the emerging technologies both locally and internationally that can contribute to overall economic growth and multiplier.
- Since 2022 is the last year for the 4th Cycle of the NTESDP, it is vital that the existing programs under the priority sectors that underperformed should be reviewed and evaluated in order to divert focus on the accomplishment of this initiative including its TVET capacity (registered programs, assessment centers, trainers and assessors). Likewise, the results of this publication shall serve as a reference or baseline data in the development of the NTESDP 2023-2028.

ANALYSIS AND RECOMMENDATIONS

TESDA TVET STATISTICS 2017-2021



3. Training for Work Scholarship Program (TWSP) remains as the highest number of beneficiaries in 2021. The NTESDP has prioritized sectors in terms of high allocation namely the Tourism (Hotel and Restaurant); Construction; ICT-BPM; Logistics; Agriculture, Forestry, Fishery; Manufacturing; and, Human Health/Health Care sectors. Among these, Tourism (Hotel and Restaurant); Agriculture, Forestry, and Fishery; Construction; Human Health; and, the ICT-BPM have high beneficiaries for TWSP, and are categorized in the priority sectors. However, other sectors such as the Automotive and Land Transportation; Electrical and Electronics; and, Metals and Engineering were not included in the priority sectors but have accumulated a high number of beneficiaries. It is observed that some priority sectors categorized in the NTESDP may not guarantee opportunities and have gaps in the program that may be unappealing to potential scholars and should be subject to further review and recategorization.
4. From 2019 to 2021, the employment rate in the previously mentioned priority sectors does not guarantee employment but is relatively high. In 2019, it is observed that the employment rate has been above 80% except for the Construction sector, which has a steady rate. While other factors may also be considered, the onset of the COVID-19 pandemic has affected the employment rate in the majority of these sectors that are key employment generators in 2020. Overall, there is a significant increase in employment observed across all sectors, which is attributed to the students' reconsideration of TVET and TESDA's initiatives to capitalize on this situation through the reinitialization of its training programs.



Technical Education and Skills Development Authority

**Office of the Deputy Director
General for Policies and Planning**

**Planning Office - Labor Market
Information Division**

**Planning Office - Policy Research and
Evaluation Division**

**TESDA Complex, East Service Road,
South Superhighway, Taguig City, 1630**

www.tesda.gov.ph | 8887-7777

