

# TVET FACT SHEET

## TESDA TVET STATISTICS 2016 - 2020



Technical Education and Skills  
Development Authority (TESDA)  
[www.tesda.gov.ph](http://www.tesda.gov.ph) | (02) 8887-7777

# ENROLLED AND GRADUATES DATA

TESDA TVET STATISTICS 2016 - 2020



## ENROLLED AND GRADUATES BY YEAR

TABLE 1. Number of Enrolled and Graduates by Year: 2016 – 2020

TVET OUTPUT	2016	2017	2018	2019	2020
<b>Enrolled</b>	2,269,665	2,298,744	2,385,473	2,488,922	802,218
<b>Graduates</b>	2,151,236	2,065,697	2,252,208	2,240,750	715,158

Source: MITD-ROMO

TABLE 2. Number of Enrolled by Sex by Year: 2016 – 2020

ENROLLED	2016	2017	2018	2019	2020	TOTAL
<b>Male</b>	1,060,463	1,081,950	1,108,402	1,156,128	391,623	4,798,566
<b>Female</b>	1,209,202	1,216,794	1,277,071	1,332,794	410,595	5,446,456
<b>TOTAL</b>	2,269,665	2,298,744	2,385,473	2,488,922	802,218	10,245,022

Source: MITD-ROMO

TABLE 3. Number of Graduates by Sex by Year: 2016 – 2020

GRADUATES	2016	2017	2018	2019	2020	TOTAL
<b>Male</b>	1,004,457	964,301	1,041,349	1,026,913	349,361	4,386,381
<b>Female</b>	1,146,779	1,101,396	1,210,859	1,213,837	365,797	5,038,668
<b>TOTAL</b>	2,151,236	2,065,697	2,252,208	2,240,750	715,158	9,425,049

Source: MITD-ROMO

TABLE 4. Completion Rate: 2016 – 2020

Completion Rate	2016	2017	2018	2019	2020
	94.8%	89.9%	94.4%	90.0%	89.1%

Source: MITD-ROMO

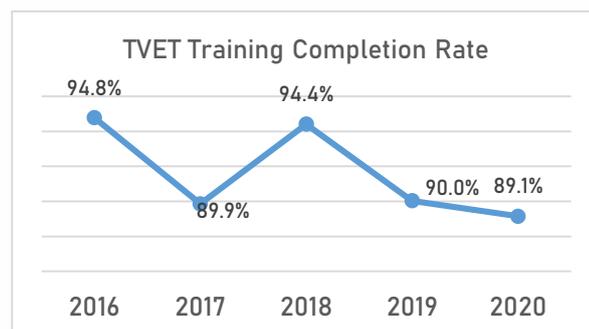


FIG 1. Completion Rate: 2016 – 2020

The data shows a steady increase in the number of TVET enrollees and graduates from 2016 to 2019. However, in 2020 TVET enrollment and graduates, data shows a dramatic decrease due to the COVID-19 pandemic (Fig 1).

There is also a slight drop in completion rate from 2018 to 2019 and 2019 to 2020 of around 4.4% and 0.9%, respectively (Fig 2). Females outpace males in both enrollments and graduates from 2016 to 2020 with an average difference of 6.3%.

Number of Enrolled and Graduates: 2016 – 2020

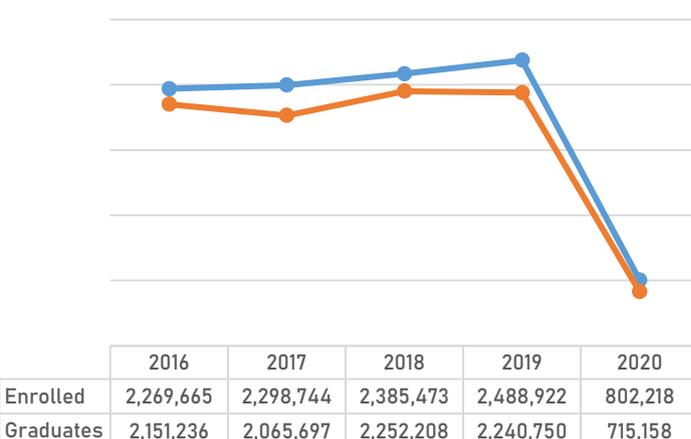


FIG 2. Number of Enrolled and Graduates: 2016 – 2020

# ENROLLED AND GRADUATES DATA

TESDA TVET STATISTICS 2016 - 2020



## ENROLLED AND GRADUATES BY TRAINING VENUE

TABLE 5. Number of Enrolled by Training Venue: 2016 - 2020

Training Venue	Enrolled				
	2016	2017	2018	2019	2020
Community-based	1,045,563	1,165,628	1,355,107	1,109,245	307,498
Institution-based	1,151,644	1,059,818	942,841	840,295	342,836
Enterprise-based	72,458	73,298	87,525	97,517	26,616

Source: MITD-ROMO

TABLE 6. Number of Graduates by Training Venue: 2016 - 2020

Training Venue	Graduates				
	2016	2017	2018	2019	2020
Community-based	1,026,582	1,126,311	1,276,837	1,030,095	289,148
Institution-based	1,057,574	872,721	897,799	701,042	281,820
Enterprise-based	67,080	66,665	77,572	86,842	20,582

Source: MITD-ROMO

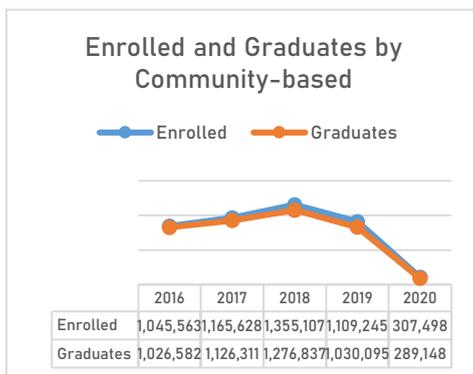


FIG. 3. Number of Enrolled by Community-based Training Venue: 2016 - 2020

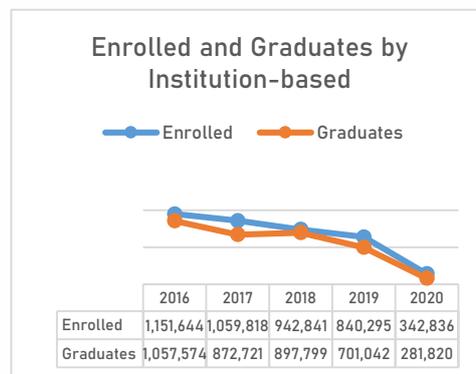


FIG. 4. Number of Enrolled by Institution-based Venue: 2016 - 2020

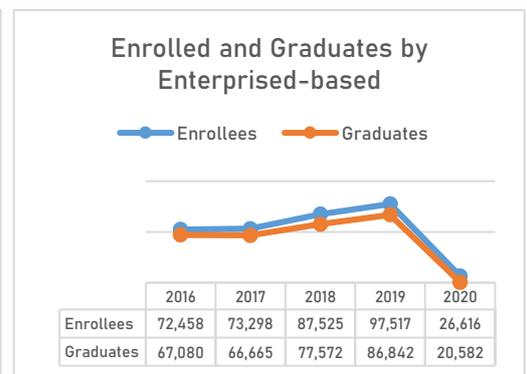


FIG. 5. Number of Enrolled by Enterprise-based Training Venue: 2016 - 2020

In terms of training venue, from 2016 to 2019 most of the enrollees and graduates are from the Community-Based Training. However, in 2020 data showed that Institution-Based Training slightly outpaced Community Based Training by 5.4%. 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. Enterprise-Based Training remains to have the lowest accounted number of enrollees at 3.5% of the total enrollees 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: 2016 - 2020

Monitored TVET Programs	Enrolled		Graduates	
	2019	2020	2019	2020
	441,865	125,268	422,771	123,608

Source: MITD-ROMO

The table above shows the data of skills training programs that have TVET component and conducted by other National Government agencies and other skills training that have 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 have 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 2016 - 2020



## ENROLLED AND GRADUATES BY TRAINING VENUE

TABLE 8. Number of Enrolled by Training Provider: 2016 – 2020

Type of Provider	Enrolled					
	2016	2017	2018	2019	2020	TOTAL
Private	1,037,442	1,077,944	1,118,463	1,033,492	343,035	4,610,376
Public	1,232,223	1,220,800	1,267,010	1,455,430	459,183	5,634,646
<b>TOTAL</b>	<b>2,269,665</b>	<b>2,298,744</b>	<b>2,385,473</b>	<b>2,488,922</b>	<b>802,218</b>	<b>10,245,022</b>

Source: MITD-ROMO

\*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: 2016 – 2020

Type of Provider	Graduates					
	2016	2017	2018	2019	2020	TOTAL
Private	943,899	941,485	1,064,428	886,029	302,260	4,138,101
Public	1,207,337	1,124,212	1,187,780	1,354,721	412,898	5,286,948
<b>TOTAL</b>	<b>2,151,236</b>	<b>2,065,697</b>	<b>2,252,208</b>	<b>2,240,750</b>	<b>715,158</b>	<b>9,425,049</b>

Source: MITD-ROMO

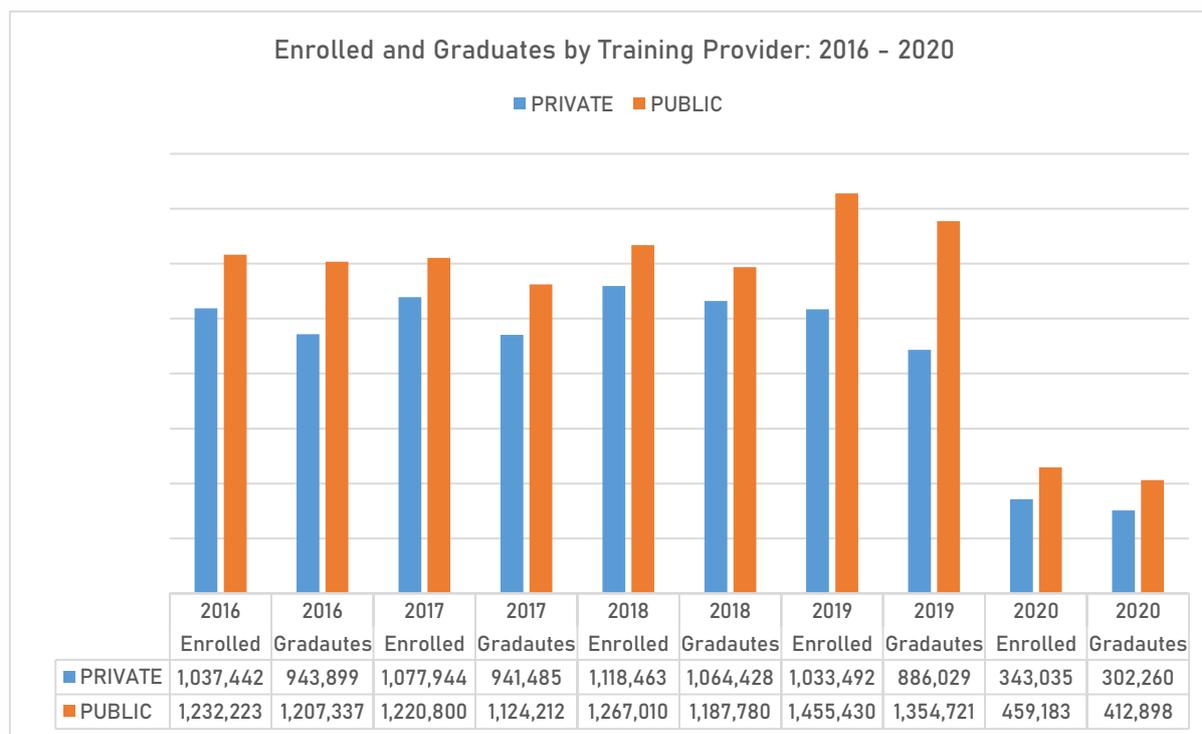


FIG. 6. Number of Enrolled and Graduates by Training Provider: 2016 – 2020

Public Institutions have the most number of enrolled and graduates compared to private providers from 2016 to 2020. This can be attributed to the community-based training that are implemented by the public providers, which covers the TTIs, LGUs, NGOs, and NGAs. These said CBT programs are usually short-term courses that are conducted in minimal duration.

# SECTORAL DATA

TESDA TVET STATISTICS 2016 - 2020



## ENROLLED AND GRADUATES BY SECTOR

TABLE 10. Number of Enrolled and Graduates by Sector: 2016 – 2020

SECTOR	2016		2017		2018		2019		2020	
	ENROLLED	GRADUATES	ENROLLED	GRADUATES	ENROLLED	GRADUATES	ENROLLED	GRADUATES	ENROLLED	GRADUATES
Agriculture Forestry and Fishery	83,922	78,957	111,148	101,471	136,209	132,215	184,866	157,421	160,699	132,110
Automotive and Land Transportation	156,926	145,395	173,017	149,761	142,126	129,106	157,717	142,286	56,081	46,750
Chemicals / Plastics / Petrochemicals	44	59	969	950	283	278	249	193	221	221
Construction	90,557	89,315	97,007	83,649	100,109	98,012	101,953	87,135	35,577	34,745
Decorative Crafts	2,440	2,437	4,957	4,876	1,867	1,641	5,533	5,354	1,347	1,248
Electrical and Electronics	199,779	179,179	155,467	136,164	187,210	170,691	201,211	172,286	61,539	58,338
Footwear and Leathergoods	87	84	1,828	2,100	427	415	519	507	127	84
Furniture and Fixtures	605	580	695	663	94	281	1,062	971	230	206
Garments	41,299	38,079	46,141	40,538	52,123	49,331	41,797	38,141	14,477	11,973
Heating, Ventilation, Airconditioning and Refrigeration	10,364	9,740	9,137	7,308	8,322	7,087	8,852	7,790	1,780	1,635
Human Health / Health Care	104,551	97,293	138,203	123,117	138,030	137,642	144,234	127,850	27,961	26,820
Information and Communication Technology	162,864	164,277	202,690	185,201	123,022	118,308	78,882	71,119	25,233	21,034
Logistics	20	20	-	-	187	80	369	103	65	16
Maritime	5,355	4,600	7,344	6,061	7,580	5,658	11,072	8,887	5,480	4,909
Metals and Engineering	118,726	110,509	140,345	119,091	113,562	114,989	116,394	98,831	41,189	39,858
Processed Food and Beverages	144,067	140,603	101,629	96,957	71,612	67,476	75,164	70,085	28,571	26,333
Social, Community Development and Other Services	175,085	164,475	524,239	504,267	233,466	221,863	233,750	216,535	59,428	56,266
Tourism (Hotel and Restaurant)	506,032	465,385	557,203	484,103	585,714	549,285	571,527	517,142	125,411	105,927
TVET	12,557	10,071	18,339	11,057	17,090	17,759	18,417	15,965	13,210	10,625
Utilities	-	-	110	84	1,624	1,671	1,046	842	1,167	1,231
Visual Arts	1,886	1,935	1,505	1,248	1,193	1,125	730	621	323	193
Wholesale and Retail Trading	4,521	3,926	6,771	7,031	3,590	2,498	2,809	2,522	890	921
Pyrotechnics	-	-	-	-	195	164	530	496	228	174
OTHERS	447,978	444,317	-	-	459,838	424,633	530,239	497,668	140,984	133,541
<b>Total</b>	<b>2,269,665</b>	<b>2,151,236</b>	<b>2,298,744</b>	<b>2,065,697</b>	<b>2,385,473</b>	<b>2,252,208</b>	<b>2,488,922</b>	<b>2,240,750</b>	<b>802,218</b>	<b>715,158</b>

Source: MITD-ROMO

In the last 5 years sixty-five percent (65%) of enrollment and graduates of TVET are from the following sectors: **1.)** Tourism (Hotel and Restaurant); **2.)** Social Community Development and Other Services; **3.)** Electrical and Electronics, **4.)** Automotive and Land Transportation Information; and **5.)** Agriculture, Forestry, and Fishery. Even in this pandemic, the programs of these sectors have the most number of enrollees and graduates. Additionally, agriculture sector is the top performing sector this 2020 mainly due to the COVID-19 pandemic where there is a concern on food security and growing interest on urban agriculture.

## ASSESSED AND CERTIFIED BY SECTOR

TABLE 11. Number of Assessed and Certified by Sector: 2016 – 2020

SECTOR	2016		2017		2018		2019		2020	
	ASSESSED	CERTIFIED	ASSESSED	CERTIFIED	ASSESSED	CERTIFIED	ASSESSED	CERTIFIED	ASSESSED	CERTIFIED
Agriculture Forestry and Fishery	29,202	27,589	36,467	34,377	80,733	75,781	84,316	80,659	42,782	40,977
Automotive and Land Transportation	134,985	123,357	115,855	107,536	156,926	144,017	131,306	123,305	52,233	48,733
Chemicals / Plastics / Petrochemicals	-	-	-	-	-	-	-	-	0	0
Construction	89,237	84,137	75,593	71,846	118,516	111,181	112,508	107,618	37,117	35,543
Decorative Crafts	-	-	-	-	-	-	-	-	0	0
Electrical and Electronics	182,603	155,780	150,193	129,691	222,863	190,319	193,453	173,962	76,179	68,681
Footwear and Leathergoods	-	-	0	0	9	9	-	0	0	0
Furniture and Fixtures	27	27	138	136	345	327	61	60	44	44
Garments	23,248	20,280	18,112	15,884	29,684	26,189	23,430	21,429	8,945	7,801
Heating, Ventilation, Airconditioning and Refrigeration	9,241	8,395	7,243	6,499	8,604	7,748	8,393	7,772	2,101	1,896
Health, Social and Other Community Development Services	-	-	-	-	-	-	-	-	-	-
Human Health / Health Care	72,822	69,918	74,399	71,454	123,931	116,522	94,599	90,781	24,318	23,276
Information and Communication Technology	17,656	12,511	17,438	13,613	30,996	24,876	18,392	15,676	3,277	2,732
Logistics	-	-	-	-	-	-	26	25	0	0
Maritime	45,108	44,230	26,111	26,021	21,035	20,929	18,309	18,271	6,751	6,598
Metals and Engineering	112,765	105,752	106,497	100,016	139,556	129,648	112,773	107,879	42,223	39,796
Processed Food and Beverages	34,910	33,248	26,138	25,200	27,271	26,473	20,628	19,949	6,493	6,306
Social, Community Development and Other Services	293,111	275,116	265,874	251,415	300,888	278,963	306,755	285,755	66,869	61,679
Tourism (Hotel and Restaurant)	466,800	430,988	410,326	385,533	591,836	559,492	481,753	462,012	122,987	117,477
TVET	8,146	5,903	1,206	1,018	1,162	978	52	43	174	149
Utilities	194	188	286	284	468	468	412	409	226	222
Visual Arts	122	113	95	70	274	232	430	400	40	25
Wholesale and Retail Trading	1,353	1,248	1,396	1,393	2,823	2,815	2,564	2,541	259	254
<b>TOTAL</b>	<b>1,521,530</b>	<b>1,398,780</b>	<b>1,333,367</b>	<b>1,241,986</b>	<b>1,857,920</b>	<b>1,716,967</b>	<b>1,610,160</b>	<b>1,518,546</b>	<b>493,018</b>	<b>462,189</b>

Source: CAD-CO

Sectors with the most number of enrolled and graduates also recorded with the most number of assessed and certified except for the Metals and Engineering sector. Again, the top sectors are **1.)** Tourism (Hotel and Restaurant); **2.)** Social, Community Development and Other Services; **3.)** Electrical and Electronics; **4.)** Automotive and Land Transportation; **5.)** Metals and Engineering.

# ASSESSED AND CERTIFIED DATA

TESDA TVET STATISTICS 2016 - 2020



## ASSESSED AND CERTIFIED BY YEAR

TABLE 12. Number of Assessed and Certified by Year: 2016 - 2020

	2016	2017	2018	2019	2020	TOTAL
<b>Assessed</b>	1,521,530	1,333,367	1,857,920	1,610,160	493,018	6,815,995
<b>Certified</b>	1,398,780	1,241,896	1,716,967	1,518,546	462,189	6,338,378

Source: CO-CAD

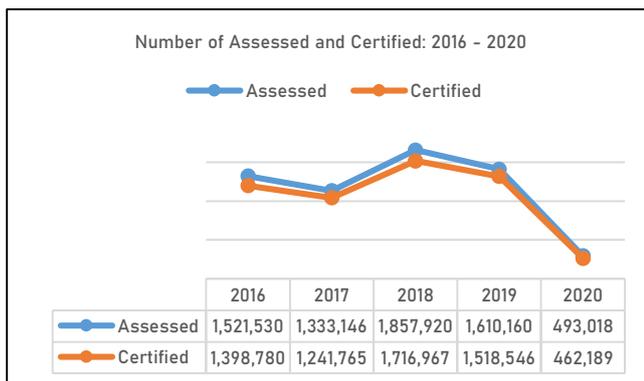


FIG. 7. Number of Assessed and Certified by Year: 2016 - 2020

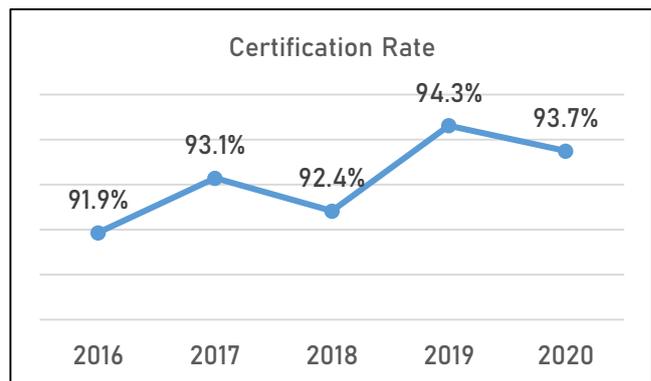


FIG. 8. Certification Rate: 2016 - 2020

There is a noticeable decrease in assessed and certified from 2019 to 2020 due to the pandemic. However, the certification rate decreased slightly by .056% from 94.3% in 2019 to 93.7%.

## COMPETENCY ASSESSORS AND ASSESSMENT CENTERS BY REGION

TABLE 13. Number of Competency Assessors and Assessment Centers by Region: 2017 - 2020

Region	2017		2018		2019		2020	
	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
II	440	228	521	289	608	388	540	372
III	1,185	712	1,462	801	1,542	1,017	1,221	662
IV-A	1,324	922	1,552	1,026	1,612	1,061	1,151	697
IV-B	510	345	620	374	689	398	561	323
V	485	348	525	406	525	434	435	311
VI	654	357	880	475	1,027	577	870	349
VII	671	486	894	537	952	605	821	459
VIII	664	338	840	355	913	417	868	415
IX	565	382	683	408	719	430	530	277
X	673	440	912	577	1,064	672	877	513
XI	724	496	955	573	1,158	719	913	562
XII	719	459	947	567	1,024	679	769	449
BARMM	172	116	230	178	292	205	240	176
CAR	494	278	668	293	806	344	790	288
CARAGA	316	246	369	284	356	324	271	159
NCR	1,598	1,341	1,918	1,527	2,077	1,549	1,592	908
<b>TOTAL</b>	<b>11,756</b>	<b>7,921</b>	<b>14,492</b>	<b>9,184</b>	<b>16,132</b>	<b>10,443</b>	<b>13,062</b>	<b>7,341</b>

Source: CO-CAD

NOTE: Numbers are counted based on qualification, not physical count (warm-body).

TESDA National Capital Region has the highest number of competency assessors and assessment centers in the country, followed by Regions III and IV-A, respectively— both with high urbanization and industry. Meanwhile, there is also a decreased number of assessors and assessment centers across all Regions in 2020.

TVET Number of Competency Assessors by Region: 2017 - 2020

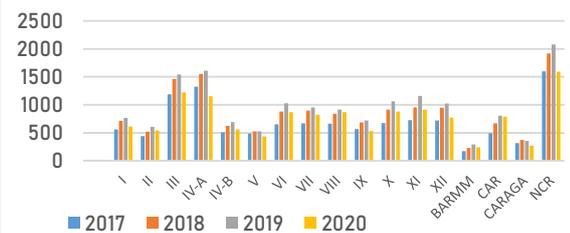


FIG. 9. Number of Competency Assessors by Region: 2017 - 2020

TVET Number of Assessment Centers by Region: 2017 - 2020

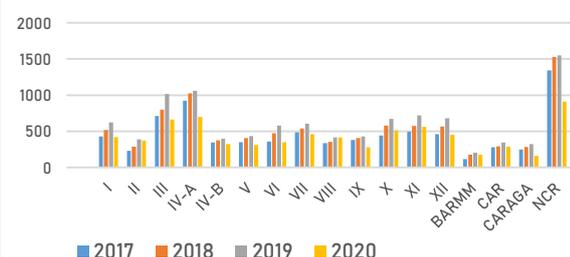


FIG. 10. Number of Assessment Centers by Region: 2017 - 2020

# TVET TRAINERS DATA

TESDA TVET STATISTICS 2016 - 2020



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

TABLE 14. Number of NTTC Holders by Region by Year: 2017 – 2020

REGION	2017	2018	2019	2020
I	2,414	2,261	2,325	1,992
II	1,432	1,542	1,749	1,634
III	3,082	3,561	3,812	3,716
IV-A	3,757	4,185	4,204	3,634
IV-B	1,189	1,620	1,676	1,562
V	2,202	1,957	1,927	1,749
VI	1,737	2,356	2,539	2,327
VII	1,836	1,965	1,880	1,678
VIII	1,559	1,676	2,449	2,292
IX	1,448	1,671	1,851	1,606
X	2,258	2,262	2,840	2,942
XI	2,518	2,616	3,094	2,335
XII	2,645	2,438	767	2,684
BARMM	645	654	2,566	674
CAR	917	907	1,015	1,028
CARAG A	773	750	722	674
NCR	5,736	7,026	7,116	5,942
<b>TOTAL</b>	<b>36,148</b>	<b>39,447</b>	<b>42,532</b>	<b>38,469</b>

Source: CO-CAD

\*Numbers are based on Data per Qualification

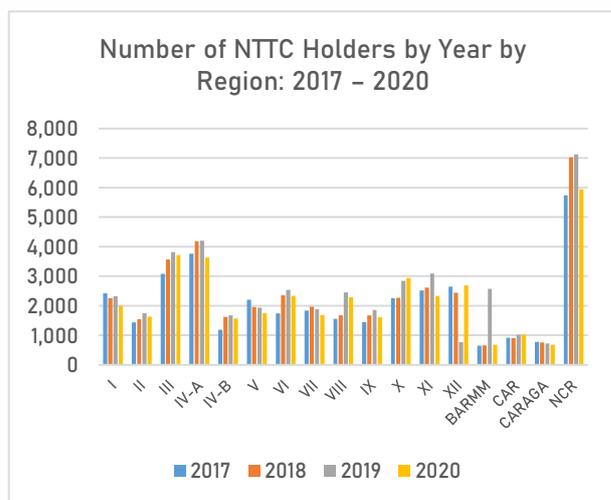


FIG. 11. Number NTTC Holders by Region: 2017 – 2020

TABLE 15. Number of NTTC Holders by Sector by Year: 2017 – 2020

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

Source: CO-CAD

\*Numbers are counted based on the data per qualification

TESDA National Capital Region still has the highest number of NTTC holders followed by Regions IV-A and III, respectively. The number of NTTC holders in the country increased by an average of 7% year on year from 2016 to 2019; however, in 2020, a reverse is observed in this trend as there is a significant decrease in all regions.

The Tourism Sector also still holds the most number of NTTC holders, followed by Electrical and Electronics, and Construction sector, respectively.

# TVET TRAINERS DATA

TESDA TVET STATISTICS 2016 - 2020



TABLE 16. Number of Enrolled and Graduates in Trainers Methodology I by Year: 2016 – 2020

TM I	2016	2017	2018	2019	2020	Total
<b>Enrolled</b>	12,515	17,884	11,902	13,150	4,402	59,853
	5	4	2	0		3
<b>Graduates</b>	10,029	10,756	13,068	10,855	3,734	48,442
	9	6	8	5		2

Source: MITD-ROMO

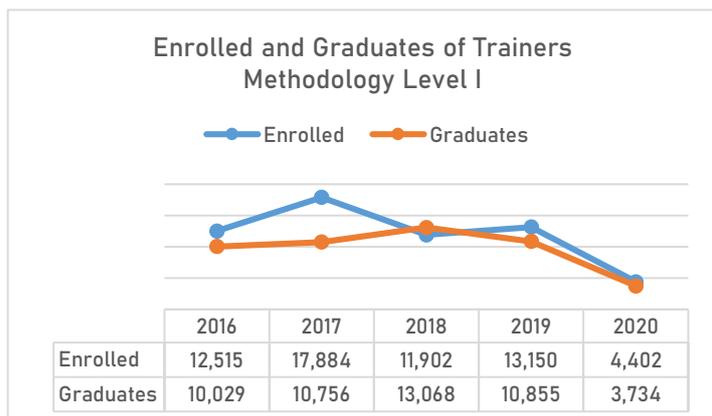


FIG. 12. Number of Enrolled and Graduates of Trainers' Methodology I by Year: 2016 – 2020

TABLE 17. Number of Enrolled and Graduates in Trainers Methodology II by Year: 2016 – 2020

TM II	2016	2017	2018	2019	2020	Total
<b>Enrolled</b>	-	-	44	21	1,355	1,420
<b>Graduates</b>	-	-	44	0	289	333

Source: MITD-ROMO

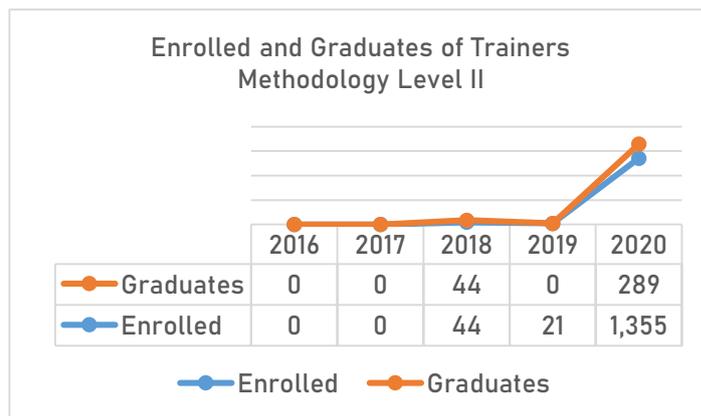


FIG. 13. Number of Enrolled and Graduates of Trainers' Methodology II by Year: 2016 – 2020

From 2016 to 2020, there were 59,853 enrollees and 48,442 graduates of TM1.

However, for TM2 there was a significant increase in graduates in 2020 compared to 2019 with an increase of 556.82%.

# TVET PROVIDERS DATA

TESDA TVET STATISTICS 2016 - 2020



TABLE 18. Number of TVET Providers by Year: 2016 – 2020

	2016	2017	2018	2019	2020
<b>Public</b>	391	341	353	404	433
<b>Private</b>	3,684	3,633	3,866	3,983	4,001
<b>TOTAL</b>	4,075	3,974	4,219	4,387	4,434

Source: PRD – Certification Office

Note: Data is based on physical count.

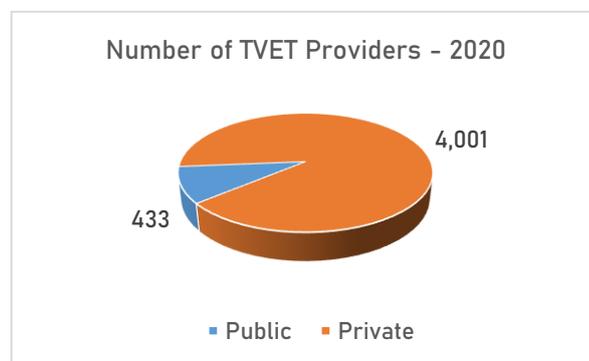


FIG. 14. Number of TVET Providers as of 2020

Table 18 shows that majority of the TVET providers are private institution, which is 90% of the total TVET providers. Increase in the number of TVET providers is evident from 2017-2020. (In 2020, only 10% of the training providers are public training institutions, while 90% or majority are private providers.

# SCHOLARSHIP PROGRAMS DATA

TESDA TVET STATISTICS 2016 - 2020



Table 19. Number of Beneficiaries of the PESFA Scholarship Program: 2016 – 2020

PESFA	2016	2017	2018	2019	2020	Total
Enrolled	20,337	19,840	21,189 *	20,689 *	12,294	94,349
Graduates	18,462	19,674	19,818 *	20,085 *	8,227	86,266
Assessed	16,735	14,510	18,663	18,245	4,315	72,468
Certified	14,510	16,310	15,923	16,763	3,947	67,453

Source: MITD-ROMO

\* - Data is updated based on the 2017-2019 Annual Report and 2020 Report.

Table 20. Number of Beneficiaries of the TWSP Scholarship Program: 2016 – 2020

TWSP	2016	2017	2018	2019	2020	Total
Enrolled	293,912	319,762	348,960 *	293,844 *	81,080	1,337,558
Graduates	271,561	271,561	322,129 *	249,126 *	46,102	1,160,479
Assessed	235,577	235,577	280,713	195,645	19,760	967,272
Certified	202,851	202,851	251,555	183,441	18,862	859,560

Source: MITD-ROMO

\* - Data is updated based on the 2017-2019 Annual Report and 2020 Report.

Table 21. Number of Beneficiaries of the STEP Scholarship Program: 2016 – 2020

STEP	2016	2017	2018	2019	2020	Total
Enrolled	34,762	65,720	68,762 *	111,333 *	33,515	314,092
Graduates	33,592	65,190	62,967 *	75,004	20,828	257,581
Assessed	32,389	60,754	57,671	59,267	5,619	215,700
Certified	30,213	56,449	54,209	56,719	5,409	202,999

Source: MITD-ROMO

\* - Data is updated based on the 2017-2019 Annual Report and 2020 Report.

Table 22. Number of Beneficiaries of the UAQTEA Scholarship Program: 2019 – 2020

UAQTEA	2019	2020	Total
Enrolled	60,532	50,310	110,662
Graduates	23,672	19,001	42,673
Assessed	17,366	10,302	27,668
Certified	16,299	9,876	26,175

Source: MITD-ROMO

\* - Data is updated based on the 2017-2019 Annual Report and 2020 Report.

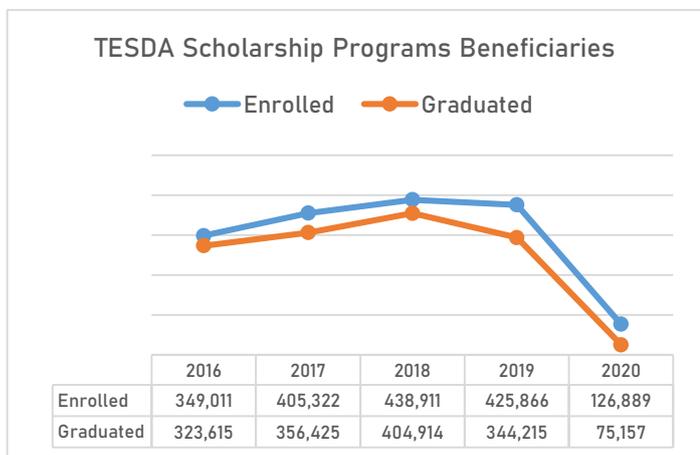


FIG. 15. Number of Enrolled and Graduate Beneficiaries of TESDA Scholarship Programs: 2016 – 2020

Among the scholarship programs, TWSP accounted 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.

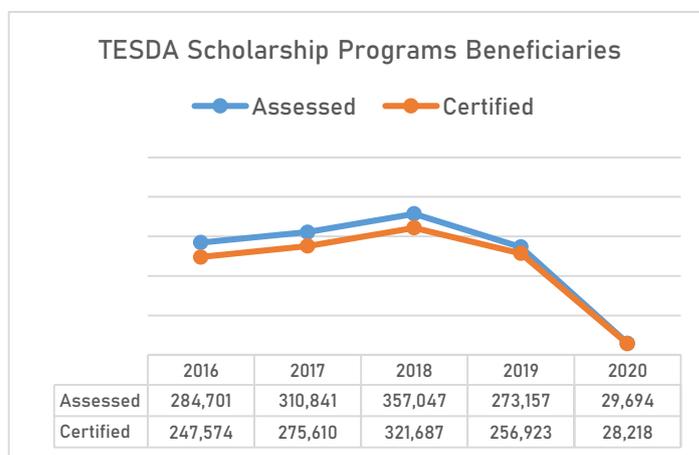


FIG. 16. Number of Assessed and Certified Beneficiaries of TESDA Scholarship Programs: 2016 – 2020

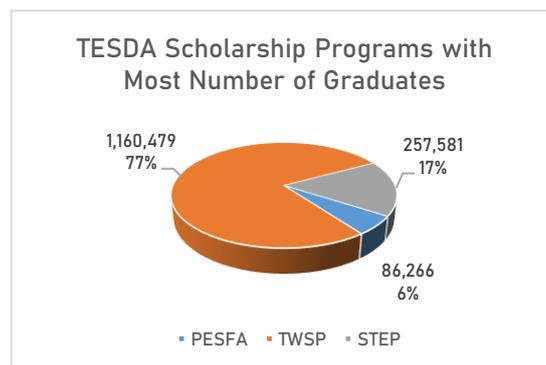


FIG. 17. Number of TESDA Scholarship Beneficiaries

# SCHOLARSHIP PROGRAMS DATA

TESDA TVET STATISTICS 2016 - 2020



Table 23. Number of Enrolled, Graduates, Assessed, and Certified by Scholarship by Sector: 2020

Sector	TWSP				PESFA				STEP				UAQTEA			
	E	G	A	C	E	G	A	C	E	G	A	C	E	G	A	C
Agriculture Forestry and Fishery	20,842	15,411	5,462	5,322	2,587	2,142	910	904	11,209	7,792	442	396	5,722	1,980	1,213	1,188
Automotive and Land Transportation	5,464	3,368	2,565	2,489	839	645	383	338	1,278	845	374	366	6,915	3,697	2,679	2,503
Construction	8,232	4,878	2,617	2,530	1,049	766	406	394	2,198	1,256	430	428	4,301	1,926	1,074	1,053
Electrical & Electronics	7,354	3,469	2,183	2,062	1,981	1,209	802	677	2,641	1,876	801	711	6,659	2,738	1,783	1,659
Footwear & Leathergoods	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Furniture and Fixtures	40	40	-	-	-	-	-	-	-	-	-	-	30	-	-	-
Garments	1,669	740	275	238	202	78	50	43	1,451	579	293	284	1,116	491	338	332
SCDOS	3,412	1,903	363	261	1,144	470	244	160	139	68	66	65	50	24	24	24
HVACR	326	111	35	35	61	25	23	22	-	-	-	-	601	99	72	69
Human Health/ Health Care	2,238	617	179	176	-	-	-	-	-	-	-	-	1,303	393	25	25
ICT	6,472	3,511	38	38	529	384	19	19	-	-	-	-	3,825	1,153	-	-
Maritime	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals and Engineering	9,054	4,130	2,806	2,677	1,091	771	514	468	4,625	2,156	1,221	1,202	6,363	2,310	1,384	1,363
Language and Culture	1,330	547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilities	25	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Processed Food and Beverages	1,066	717	165	165	41	41	41	41	1,273	657	76	76	686	121	25	25
Tourism (Hotel and Restaurant)	9,848	4,616	2,590	2,509	2,770	1,696	923	881	8,701	5,599	1,916	1,881	12,664	4,069	1,685	1,635
TVET	3,640	2,019	482	360	-	-	-	-	-	-	-	-	-	-	-	-
Visual Arts	68	-	-	-	-	-	-	-	-	-	-	-	75	-	-	-
Wholesale and Retail Trading	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>81,080</b>	<b>46,102</b>	<b>19,760</b>	<b>18,862</b>	<b>12,294</b>	<b>8,227</b>	<b>4,315</b>	<b>3,947</b>	<b>33,515</b>	<b>20,828</b>	<b>5,619</b>	<b>5,409</b>	<b>50,310</b>	<b>19,001</b>	<b>10,302</b>	<b>9,876</b>

Source: ROMO-SMD

# EMPLOYMENT RATE DATA

TESDA TVET STATISTICS 2016 - 2020



Table 24. Employment Rate of TESDA Graduates per year

Survey Round	TVET Graduates Covered	Employment Rate
2015	CY 2014	66.2
2017	CY 2016	71.9
2018	CY 2017	68.6
2019	CY 2018	84.2
2020	CY 2019	70.5

Source: TESDA IES and SETG

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

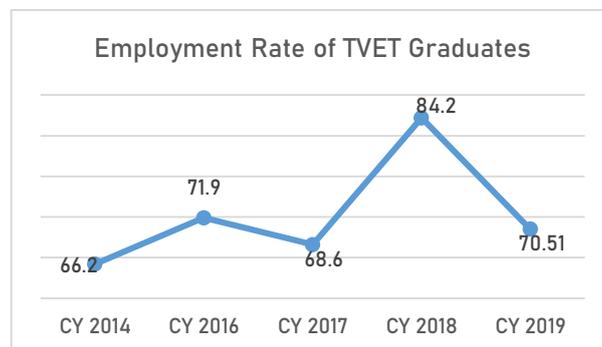


FIG. 18. TESDA Graduates' Employment Rate

During the survey period: 2015 to 2019, there was a steady increase in employment rate for graduates of 2014 to 2016; a slight decrease from 2016 to 2017; then a significant employment rate growth in 2018. However, this was reversed in the 2020 survey where the employment rate plummeted due to COVID-19 outbreak.

## EMPLOYMENT RATE BY TRAINING VENUE

Table 25. Employment Rate of TESDA Graduates by Training Venue: 2013 – 2020

Survey Round	Coverage:	National Employment Rate	Employment Rate By Delivery Mode		
	CY Graduates		Institution-based	Community-based	Enterprise-based
2005	2004	48.7	*	49.7	54.1
2008	2006	44.9	**	**	46.6
2011	2009	60.9	61.1	56.4	83.1
2013	2010	65.9	65.4	66.3	69.7
2012	2011	62	59.9	64.5	68.7
2013	2012	65.3	62.1	72.5	72.1
2014	2013	65.4	65.6	67.9	52.2
2015	2014	66.2	64.2	69.9	67.4
2017	2016	71.9	73.2	70	71.5
2018	2017	68.58	69.6	66.17	73.34
2019	2018	84.2	83.7	85.8	67.2
2020	2019	70.5	69.5	71.7	74.2

**Notes:**

\* 2005 IES: School-based = 46.4%; Center-based = 48.8%

\*\* 2008 IES: School-based = 47.0%; Center-based = 39.2%; Community-based programs - not included

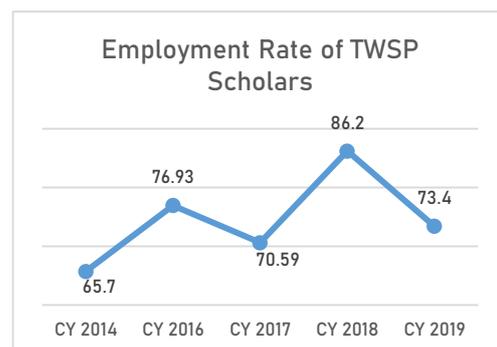


FIG. 19. Employment Rate of TWSP Graduates

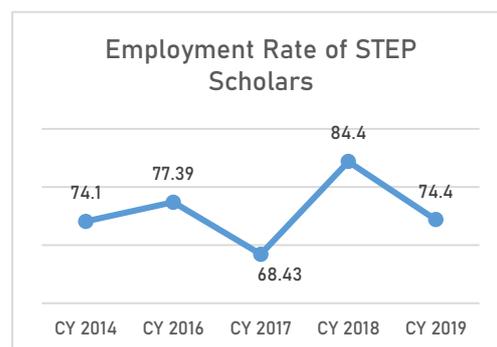


FIG. 20. Employment Rate of STEP Graduates

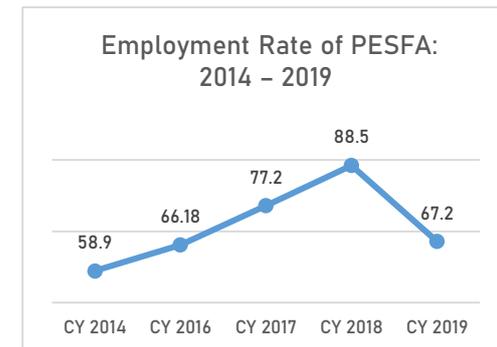


FIG. 21. Employment Rate of PESFA Graduates

# EMPLOYMENT RATE DATA

TESDA TVET STATISTICS 2016 - 2020



Table 27. Employment Rate of TESDA Graduates by Sector: 2018, 2019, 2020

Sector	Employment Rate by Survey Round		
	2020	2019	2018
Agriculture, Forestry, and Fishery	77.11	88.57	79.35
Automotive and Land Transportation	76.01	85.12	75.83
Construction	74.57	76.23	70
Decorative Crafts	100		94.46
Electrical and Electronics	68.55	82.61	65.89
Footwear and Leathergoods	82.9	100	97.24
Garments	83.55	86.67	76.59
Heating, Ventilation, Airconditioning, and Refrigeration	74.39	100	87.23
Human Health/Health Care	71.92	88.39	71.35
Information and Communication Technology	64.46	83.54	72.23
Language	64.42	88.89	70.47
Maritime	55.34	88.72	73.28
Metals and Engineering	68.82	82.56	64.24
Processed Food and Beverages	73.4		58.62
Social, Community Development, and Other Services	64.15	86.02	77.81
Tourism (Hotel and Restaurant)	67.42	82.43	60.14
TVET	87.8	86.59	83.51
Utilities	100	47.85	
Visual Arts	50.5	93.22	
Wholesale and Retail Trading	90.98	88.69	67.73
Others	72.25	72.73	66.44
<b>Total</b>	<b>70.51</b>	<b>84.15</b>	<b>68.58</b>

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

# ANALYSIS AND RECOMMENDATIONS

TESDA TVET STATISTICS 2016 - 2020



## SUMMARY OF FINDINGS/ ANALYSIS:

1. TVET outputs (enrollment, graduates, assessed and certified) significantly increased from 2016 - 2019, which indicates the relevance of TESDA's program to the number of Filipino beneficiaries. On the other hand, the decrease that was observed in 2020 can be attributed to the effect of the COVID-19 pandemic which caused the limitations in the implementation of the training programs. While TESDA have established guidelines on the implementation of Flexible Learning still the quarantine status of the different areas affected the conduct of the training programs. This current situation on the implementation of training programs under the new normal should in a way serve as reference for TESDA in responding to this kind of situation. The following can be considered:
  - The NITESD should continuously look into different learning methodologies that can be adopted to make TVET more responsive and flexible under the new normal.
  - After one year of implementation of the flexible learning, the agency can already conduct a quick evaluation on its implementation to determine the impact to the training institutions/providers; trainees; industries/companies; and TVET system in general including the registration of the program, conduct of audits, among others. This is to determine the effectiveness and efficiency of the established system/guidelines.
2. For the last 5 years, the average completion rate of graduates is 89.6%, though the number is still within a high range, however, TESDA has to still consider the average of 10.4% of enrollees who have not completed the programs especially those that are under the scholarship programs. It is worth considering that a percentage of allocation is wasted due to the non-completion of the programs, like for 2020 the average completion rate for the different scholarship allocation is 55.92%. Once the reasons are determined, TESDA can provide necessary interventions on issues that can be addressed through policy issuance.
3. In terms of sectoral outputs, in 2020 the agriculture forestry and fishery accounted for the most number of enrollees and graduates. This can be attributed to the agency's one of the priority sectors that should be provided with assistance as this addresses the concern on food security of the country, especially in this time of pandemic. However, it is observed that the other sectors identified as priority in the NTESDP and Oplan Lahat at the same time; such as construction, ICT and health are not among the top sectors with the most number of enrollees and graduates. In view of this, the following actions are suggested to be undertaken:

# ANALYSIS AND RECOMMENDATIONS

TESDA TVET STATISTICS 2016 - 2020



- TESDA Regional and Provincial offices together with the Certification Office should determine the infrastructure capacity (registered program, assessment centers, assessors) of TVET to implement programs under these sectors.
  - The number of certified trainers should also be looked into, especially in the ICT sector which accounted small number of certified trainers as provided in Table 14 of this publication.
  - PLO should also determine how Enterprise-Based Training can be implemented for the abovementioned priority sectors through the Recognized Industry Boards/Associations. Likewise, future partnerships that will be forged should likewise consider implementation of TVET programs under these sectors.
  - The review of existing programs should also be undertaken to make it more responsive.
4. The TVET Tourism remains to have high outputs in 2020. This is despite the fact that the tourism sector is one of the most affected sectors by the COVID-19 pandemic, employment in 2020 lower by -18.1 percent compared to 2019. Share of employment in tourism industries is 11.9 in 2020 from 13.6 in 2019. According to OECD, there is more that needs to be done to help this sector. Considering this, TESDA has to study to slow down the implementation of the training programs to avoid oversupply of graduates as there might be no available employment opportunities of those who will complete programs under the tourism sector.

Furthermore, the implementation of the Area-Based and Demand Driven TVET should be seriously considered to make sure that TVET program offerings in the area are those that were identified as critical in the area and will result in the employment of the graduates.

5. Among the scholarship, TWSP remains to have the most number of recorded outputs since it also accounts for the larger budget allocation. For 2020, the top sectors prioritized in terms of allocation are agriculture, forestry, and fishery; health; ICT; and construction. However, Table 23 shows that the top 3 sectors with the most number of beneficiaries in 2020 are 1) agriculture, forestry and fishery; 2) tourism; and 3) metals and engineering. Similar trend is observed for other scholarship allocation. This should be closely monitored by the ROMO-SMD in the approval of the allocation unless otherwise it is the area-based requirements that are provided by the stakeholders.

# ANALYSIS AND RECOMMENDATIONS

TESDA TVET STATISTICS 2016 - 2020



6. On the other hand, it should also be noted that the average employment rate of the identified priority sectors for the last 3 years is not that high compared to other sectors. While these sectors are identified as key employment generators and need to be supported due to the projected impact to economic growth as well as in the impact of the new normal; TESDA has to consider the evaluation of the TVET programs on this sectors and the reason why enrollment and employment rate is not significantly high compared to other sectors.
7. High employment rate is observed in Enterprise-Based Training based on the 2020 SETG. However, in terms of enrolled and graduates EBT remains to have the smallest share. The implementation of EBT programs should be one of the areas that TESDA through the RIBS and partner associations should work together. The discussion on incentivizing the industries/companies and formulation of guidelines by PLO should be undertaken as this would possibly influence the participation of the companies in the conduct of EBT.



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