

# TVET FACT SHEET

TESDA TVET STATISTICS  
2019 – 2023



BAGONG PILIPINAS



**TECHNICAL EDUCATION AND SKILLS  
DEVELOPMENT AUTHORITY (TESDA)**

[www.tesda.gov.ph](http://www.tesda.gov.ph) | 8887-7777

# ENROLLED AND GRADUATES DATA

TESDA TVET STATISTICS 2019 – 2023



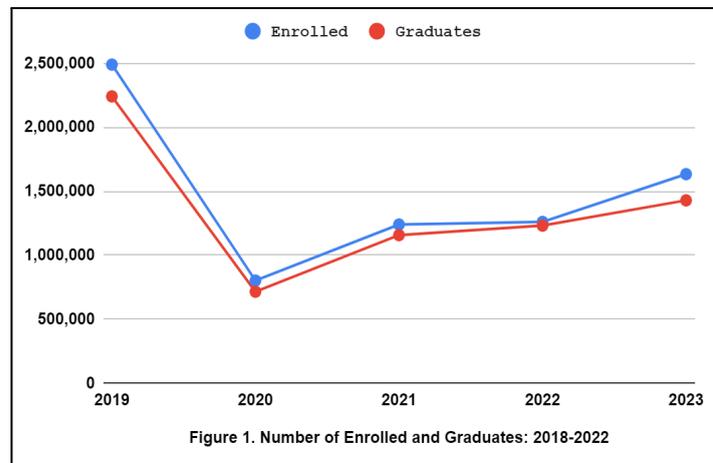
## ENROLLED AND GRADUATES BY YEAR

**Table 1. Number of Enrolled and Graduates by Year: 2019-2023**

TVET OUTPUT	2019	2020	2021	2022	2023
<b>Enrolled</b>	2,488,922	802,218	1,240,099	1,260,244	1,633,393
<b>Graduates</b>	2,240,750	715,158	1,157,189	1,231,284	1,428,724

Source: TESDA-ICTO

Looking at the output of the agency in the last five (5) years, it can be observed that TVET remains relevant with the changing labor requirements of the labor market and this is evident in the increasing number of TVET beneficiaries in the last five (5) years. The TVET output has experienced significant changes From 2019 to 2023. In 2019, the TVET output recorded its highest number of enrolled students and graduates. However, in 2020, there was a significant drop in both enrollees (44%) and graduates (45%) due to the COVID-19 pandemic. After the COVID-19 outbreak, in 2021, despite the ongoing pandemic, recovery efforts and the adaptation to the new normal began. From 2020 to 2022, there was a gradual increase in the number of enrolled and graduates with 19.45% and 18.89%, respectively. By 2023, the TVET output showed significant growth, with a 31.72% increase in enrollments and a 23.46% increase in graduates.



**Table 2. Number of Enrolled by Sex by Year: 2019-2023**

ENROLLED	2019	2020	2021	2022	2023	Total
<b>Female</b>	1,332,794	410,595	650,144	662,016	851,031	3,906,580
<b>Male</b>	1,156,128	391,623	589,955	598,228	782,362	3,518,296
<b>Total</b>	<b>2,488,922</b>	<b>802,218</b>	<b>1,240,099</b>	<b>1,260,244</b>	<b>1,633,393</b>	<b>7,424,876</b>

Source: TESDA-ICTO

**Table 3. Number of Graduates by Sex by Year: 2019-2023**

GRADUATES	2019	2020	2021	2022	2023	Total
<b>Female</b>	1,213,837	365,797	603,947	643,856	751,592	3,579,029
<b>Male</b>	1,026,913	349,361	553,242	587,428	677,132	3,194,076
<b>Total</b>	<b>2,240,750</b>	<b>715,158</b>	<b>1,157,189</b>	<b>1,231,284</b>	<b>1,428,724</b>	<b>6,773,105</b>

Source: TESDA-ICTO

# ENROLLED AND GRADUATES DATA

TESDA TVET STATISTICS 2019 – 2023



**Table 4. Completion Rate: 2019-2023**

Completion Rate	2019	2020	2021	2022	2023
	90.03%	89.15%	93.31%	97.70%	87.47%

Source: TESDA-ICTO

On the other hand, regarding the trend in the completion rate of TVET graduates between 2019 and 2023, there was a slight decrease from 2019 to 2020, followed by a recovery in 2021 (93.31%).

Furthermore, over the last five years, females consistently outnumbered males in terms of enrollment and graduation. Overall, females accounted for 52.61% of enrollees and graduates, while males accounted for 47.39%.

## ENROLLED AND GRADUATES BY TRAINING VENUE

**Table 5. Number of Enrolled by Training Venue: 2019-2023**

Training Venue	Enrolled					
	2019	2020	2021	2022	2023	Total
<b>Community-based</b>	1,109,245	307,498	472,791	465,428	631,647	2,986,609
<b>Institution-based</b>	840,295	342,836	572,688	584,841	637,371	2,978,031
<b>Enterprise-based</b>	97,517	26,616	84,057	110,237	117,581	436,008
<b>Sub-total</b>	<b>2,047,057</b>	<b>676,950</b>	<b>1,129,536</b>	<b>1,160,506</b>	<b>1,386,599</b>	<b>6,400,648</b>
<b>Monitored</b>	441,865	125,268	110,563	99,738	246,794	1,024,228
<b>Grand Total</b>	<b>2,488,922</b>	<b>802,218</b>	<b>1,240,099</b>	<b>1,260,244</b>	<b>1,633,393</b>	<b>7,424,876</b>

Source: TESDA-ICTO

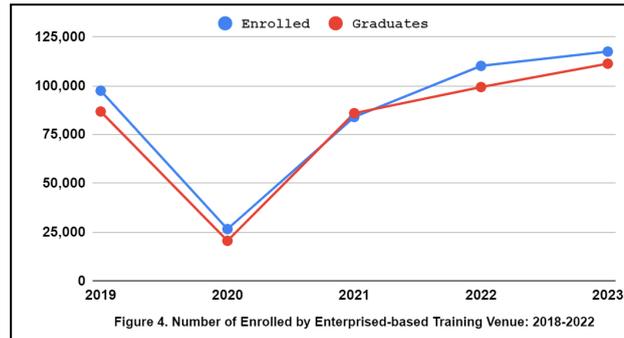
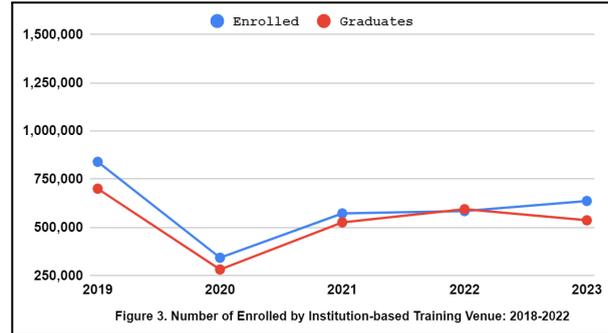
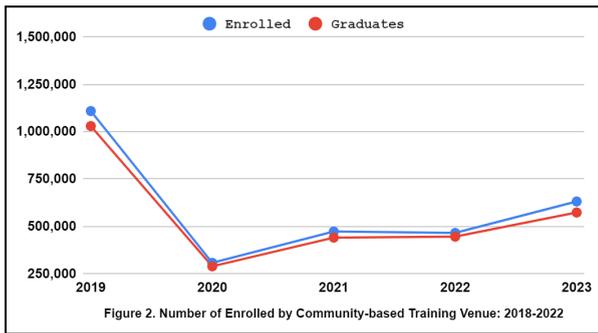
**Table 6. Number of Graduates by Training Venue: 2019-2023**

Training Venue	Graduates					
	2019	2020	2021	2022	2023	Total
<b>Community-based</b>	1,030,095	289,148	440,969	445,805	573,445	2,779,462
<b>Institution-based</b>	701,042	281,820	526,357	594,500	537,016	2,640,735
<b>Enterprise-based</b>	86,842	20,582	86,004	99,396	111,378	404,202
<b>Sub-total</b>	<b>1,817,979</b>	<b>591,550</b>	<b>1,053,330</b>	<b>1,139,701</b>	<b>1,221,839</b>	<b>5,824,399</b>
<b>Monitored</b>	422,771	123,608	103,859	91,583	206,885	948,706
<b>Grand Total</b>	<b>2,240,750</b>	<b>715,158</b>	<b>1,157,189</b>	<b>1,231,284</b>	<b>1,428,724</b>	<b>6,773,105</b>

Source: TESDA-ICTO

# ENROLLED AND GRADUATES DATA

TESDA TVET STATISTICS 2019 – 2023



The data shows that both enrollment and graduation figures were heavily impacted by the COVID-19 pandemic in 2020, with significant declines across all types of training venues. However, a strong recovery is evident in the following years, with the highest figures recorded in 2023. Community-based training venues consistently had the highest number of enrollees and graduates, followed by institution-based and enterprise-based venues. Overall, the trends indicate resilience and adaptability in the TVET, with a marked improvement in participation and completion rates post-pandemic.

**Table 7. Number of Enrolled and Graduates of Monitored TVET Programs: 2019-2023**

Monitored TVET Programs	Enrolled					Graduates				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
	441,865	125,268	110,563	99,738	246,794	422,771	123,608	103,859	91,583	206,885

Source: TESDA-ICTO

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.

# ENROLLED AND GRADUATES DATA

TESDA TVET STATISTICS 2019 – 2023



**Table 8. Number of Enrolled by Training Provider: 2019-2023**

Training Venue	Enrolled					
	2019	2020	2021	2022	2023	Total
Private	1,033,492	343,035	574,258	584,367	755,789	3,290,941
Public	1,455,430	459,183	665,841	675,877	877,604	4,133,935
<b>Total</b>	<b>2,488,922</b>	<b>802,218</b>	<b>1,240,099</b>	<b>1,260,244</b>	<b>1,633,393</b>	<b>7,424,876</b>

Source: TESDA-ICTO

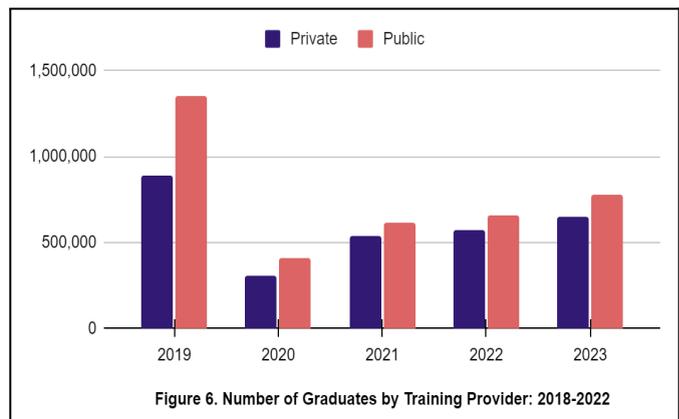
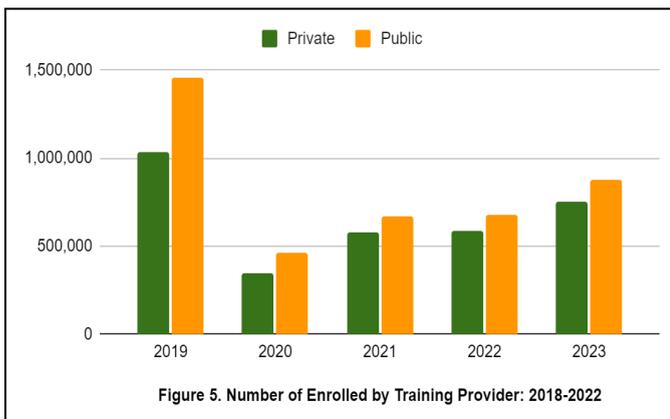
\*Public TVIs includes the following TTIs, DepEd Supv, GOCC/GFI, LCU, LGU, NGA, SUCs

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

**Table 9. Number of Graduates by Training Provider: 2019-2023**

Training Venue	Graduates					
	2019	2020	2021	2022	2023	Total
Private	886,029	302,260	538,194	574,507	648,682	2,949,672
Public	1,354,721	412,898	618,995	656,777	780,042	3,823,433
<b>Total</b>	<b>2,240,750</b>	<b>715,158</b>	<b>1,157,189</b>	<b>1,231,284</b>	<b>1,428,724</b>	<b>6,773,105</b>

Source: TESDA-ICTO



In terms of enrollment, public training providers enrolled more individuals than private training providers between 2019 and 2023. Although there was a significant drop in 2020, enrollment gradually increased from 2021 to 2023, with an average percentage increase of 28.6% over the last three years. The number of graduates also shows similar results.

Overall, There are positive trends in the number of enrollees and graduates in both public and private training providers. The graduation rates during this period ranges from 87% to 97%, with public providers performing slightly better than their private counterparts.

# ENROLLED AND GRADUATES DATA

TESDA TVET STATISTICS 2019 – 2023



## ENROLLED AND GRADUATES BY SECTOR

Table 10. Number of Enrolled and Graduates by Sector: 2019 – 2023

SECTOR	2019		2020		2021		2022		2023	
	E	G	E	G	E	G	E	G	E	G
Agriculture Forestry and Fishery	184,866	157,421	160,699	132,110	229,587	237,468	231,234	228,429	255,903	244,260
Automotive and Land Transportation	157,717	142,286	56,081	46,750	104,469	94,923	121,349	120,253	129,689	114,724
Chemicals / Plastics / Petrochemicals	249	193	221	221	725	713	591	568	482	482
Construction	101,953	87,135	35,577	34,745	68,012	60,837	63,647	68,526	67,743	61,296
Creative	0	0	0	0	527	526	258	346	1,000	1,031
Decorative Crafts	5,533	5,354	1,347	1,248	1,654	1,630	1,925	1,867	1,941	1,872
Electrical and Electronics	201,211	172,286	61,539	58,338	79,243	74,788	82,546	80,287	107,405	89,080
Footwear and Leathersgoods	519	507	127	84	360	325	718	719	107	95
Furniture and Fixtures	1,062	971	230	206	131	153	32	53	240	209
Garments	41,797	38,141	14,477	11,973	19,469	19,274	18,865	17,928	23,058	20,513
Heating, Ventilation, Airconditioning and Refrigeration	8,852	7,790	1,780	1,635	3,502	3,196	3,599	3,378	5,268	4,476
Human Health / Health Care	144,234	127,850	27,961	26,820	49,683	39,873	65,174	61,366	84,886	66,317
Information and Communication Technology	78,882	71,119	25,233	21,034	48,870	42,090	39,303	40,216	54,238	48,777
Logistics	369	103	65	16	498	391	217	76	589	590
Maritime	11,072	8,887	5,480	4,909	10,918	9,228	12,190	10,435	14,436	8,742
Metals and Engineering	116,394	98,831	41,189	39,858	67,050	65,299	59,945	69,169	70,134	64,154
Processed Food and Beverages	75,164	70,085	28,571	26,333	47,436	45,838	49,106	47,403	76,193	71,839
Pyrotechnics	530	496	228	174	71	70	66	66	432	391

# ENROLLED AND GRADUATES DATA

TESDA TVET STATISTICS 2019 – 2023



SECTOR	2019		2020		2021		2022		2023	
	E	G	E	G	E	G	E	G	E	G
Social, Community Development and Other Services	233,750	216,535	59,428	56,266	113,657	102,098	105,225	101,498	157,418	138,312
Tourism (Hotel and Restaurant)	571,527	517,142	125,411	105,927	192,298	175,586	202,095	192,921	288,103	236,540
TVET	18,417	15,965	13,210	10,625	14,757	11,078	14,205	13,563	16,205	11,571
Utilities ( Water Supply, Sewerage, Waste Management, etc)	1,046	842	1,167	1,231	1,742	1,688	1,423	1,472	1,117	1,103
Visual Arts	730	621	323	193	331	235	139	157	234	134
Wholesale and Retail Trading	2,809	2,522	890	921	679	402	888	711	1,568	1,460
Others	530,239	497,668	140,984	133,541	184,430	169,480	185,504	169,877	275,004	240,756
<b>Total</b>	<b>2,488,922</b>	<b>2,240,750</b>	<b>802,218</b>	<b>715,158</b>	<b>1,240,099</b>	<b>1,157,189</b>	<b>1,260,244</b>	<b>1,231,284</b>	<b>1,633,393</b>	<b>1,428,724</b>

Source: TESDA-ICTO

For the past five (5) years, TESDA has provided significant assistance in skills development across various sectors, with a total of 7,424,876 enrollees and 6,773,105 graduates. In terms of accomplishments in 2023, certain sectors have shown increased growth rates such as 1.) Chemical/Plastics/Petrochemical with 14.12%, 2.) Logistics with 9.80%, 3.) Agriculture, Forestry, and Fishery with 6.72%, and 4.) Utilities (Water Supply, Sewerage, Waste Management, etc.) with a 1.32% growth rate.

In terms of sectors with the highest number of enrollees and graduates, the leading sectors are 1.) Tourism, 2.) Agriculture, Forestry, and Fishery, 3.) Social, Community Development, and Other Services, 4.) Automotive and Land Transportation, and 5.) Electrical and Electronics. Regarding completion rates, the sectors with the highest rates are 1.) Agriculture (94.11%), 2.) Social, Community Development, and Other Services (91.82%), 3.) Automotive (91.15%), 4.) Electrical (89.25%), 5.) Tourism (89.03%)

# ASSESSED AND CERTIFIED DATA

TESDA TVET STATISTICS 2019 – 2023



## ASSESSED AND CERTIFIED BY SECTOR

Table 11. Number of Assessed and Certified by Sector 2019 – 2023

SECTOR	2019		2020		2021		2022		2023	
	A	C	A	C	A	C	A	C	A	C
Agriculture, Forestry and Fishery	84,316	80,659	42,782	40,977	63,020	59,709	96,094	92,263	99,590	96,107
Automotive and Land Transportation	131,306	123,305	52,233	48,733	80,279	74,229	102,198	96,672	104,284	99,099
Chemicals / Plastics / Petrochemicals	0	0	0	0	0	0	0	0	0	0
Construction	112,508	107,618	37,117	35,543	61,109	58,175	90,529	86,048	92,163	88,765
Creative Sector	0	0	0	0	0	0	32	32	0	0
Decorative Crafts	0	0	0	0	0	0	0	0	0	0
Electrical and Electronics	193,453	173,962	76,179	68,681	65,365	58,156	89,869	81,033	121,344	106,314
Footwear and Leathergoods	0	0	0	0	0	0	26	25	0	0
Furniture and Fixtures	61	60	44	44	39	39	0	0	31	31
Garments	23,430	21,429	8,945	7,801	10,692	9,014	10,232	8,855	10,393	8,996
Heating, Ventilation, Airconditioning and Refrigeration	8,393	7,772	2,101	1,896	3,064	2,776	5,861	5,394	5,059	4,656
Human Health / Health Care	94,599	90,781	24,318	23,276	30,884	29,192	61,271	58,665	70,655	66,590
Information and Communication Technology	18,392	15,676	3,277	2,732	1,412	908	4,052	2,996	6,020	4,072
Logistics	26	25	0	0	0	0	10	10	67	67
Maritime	18,309	18,271	6,751	6,598	12,616	12,338	18,702	18,369	19,172	18,960
Metals and Engineering	112,773	107,879	42,223	39,796	65,251	61,738	76,840	72,764	80,110	75,930
Processed Food and Beverages	20,628	19,949	6,493	6,306	7,869	7,643	9,375	9,202	9,178	8,861

# ASSESSED AND CERTIFIED DATA

TESDA TVET STATISTICS 2019 – 2023



Pyrotechnics	0	0	0	0	0	0	0	0	0	0
Social, Community Development and Other Services	306,755	285,755	66,869	61,679	113,755	97,341	128,838	110,728	136,792	122,127
Tourism (Hotel and Restaurant)	481,753	462,012	122,987	117,477	116,787	111,060	203,476	193,803	280,502	266,458
TVET	52	43	174	149	4,805	3,407	8,196	5,952	5,761	4,155
Utilities ( Water Supply, Sewerage, Waste Management, etc)	412	409	226	222	60	60	344	333	1,056	1,045
Visual Arts	430	400	40	25	183	160	402	399	633	603
Wholesale and Retail Trading	2,564	2,541	259	254	469	427	897	825	791	727
<b>Total</b>	<b>1,610,160</b>	<b>1,518,546</b>	<b>493,018</b>	<b>462,189</b>	<b>637,659</b>	<b>586,372</b>	<b>907,244</b>	<b>844,368</b>	<b>1,043,601</b>	<b>973,563</b>

Source: TESDA-Certification Office

In terms of assessment and certification, the sectors with the most number of assessed and certified are from the 1.) Tourism (Hotel and Restaurant) with 1,205,505 assessed (25.69%) and 1,150,810 certified (26.24%), 2.) Social, Community Development and Other Services with 753,009 assessed (16.05%) and 677,630 certified (15.45%), 3.) Electrical and Electronics with 546,210 assessed (11.64%) and 488,146 certified (11.13%), 4.) Automotive and Land Transportation with 470,300 assessed (10.02%) and 442,038 certified (10.08%), and 5.) Metals and Engineering with 377,197 assessed (8.04%) and 358,107 certified (8.17%). Additionally, the sectors with the highest growth rate from 2019 to 2023 in terms of assessment are 1.) TVET (119.15%), 2.) Logistics (17.09%), 3.) Utilities (Water Supply, Sewerage, Waste Management, etc) (16.98%), 4.) Visual Arts (6.66%) and 5.) agriculture, Forestry and Fishery Sector (2.81%)

# ASSESSED AND CERTIFIED DATA

TESDA TVET STATISTICS 2019 – 2023



## ASSESSED AND CERTIFIED BY YEAR

**Table 12. Number of Assessed and Certified by Year: 2019-2023**

TVET OUTPUT	2019	2020	2021	2022	2023	Total
<b>Assessed</b>	1,610,160	493,018	637,659	907,244	1,043,601	4,691,682
<b>Certified</b>	1,518,546	462,189	586,372	844,368	973,563	4,385,038

Source: TESDA-Certification Office

**Table 13. Number of Assessed by Sex by Year: 2019-2023**

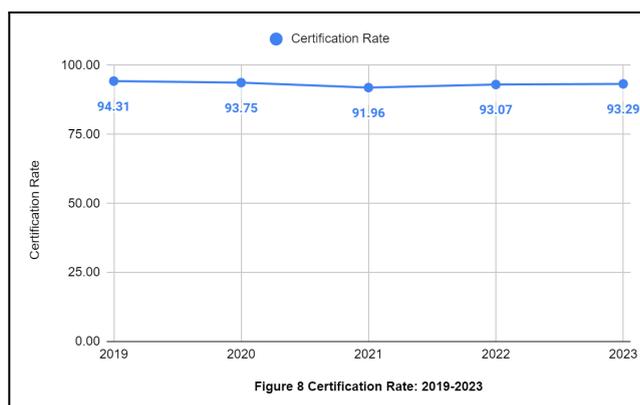
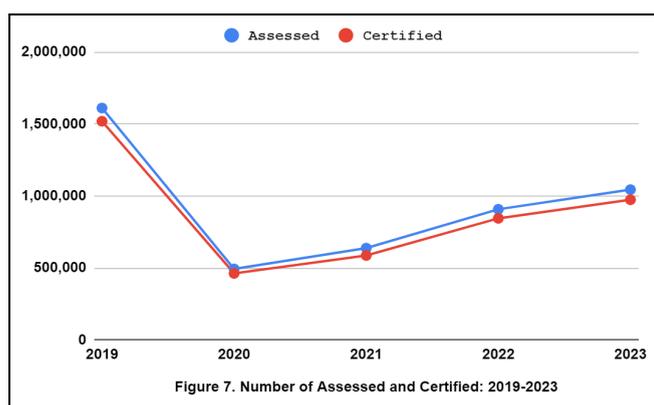
ASSESSED	2019	2020	2021	2022	2023	Total
<b>Female</b>	859,638	238,096	315,622	445,365	497,041	2,355,762
<b>Male</b>	750,522	254,922	322,037	461,879	546,560	2,335,920
<b>Total</b>	<b>1,610,160</b>	<b>493,018</b>	<b>637,659</b>	<b>907,244</b>	<b>1,043,601</b>	<b>4,691,682</b>

Source: TESDA-Certification Office

**Table 14. Number of Assessed by Sex by Year: 2019-2023**

CERTIFIED	2019	2020	2021	2022	2023	Total
<b>Female</b>	812,502	223,558	287,349	411,067	460,644	2,195,120
<b>Male</b>	706,044	238,631	299,023	433,301	512,919	2,189,918
<b>Total</b>	<b>1,518,546</b>	<b>462,189</b>	<b>586,372</b>	<b>844,368</b>	<b>973,563</b>	<b>4,385,038</b>

Source: TESDA-Certification Office



The certification rate has changed slightly over the past five years. It started at 94.31% in 2019 and went down to a low of 91.96% in 2021. Since then, it has increased slightly to 93.29% in 2023. Overall, the certification rate has remained stable, staying above 91% throughout the five years. Moreover, the number of individuals who underwent assessment has decreased by up to 70% from 2019 to 2020. While starting in 2021, there was a gradual increase of around 13% in both the number of assessed and certified.

# ASSESSED AND CERTIFIED DATA

TESDA TVET STATISTICS 2019 – 2023



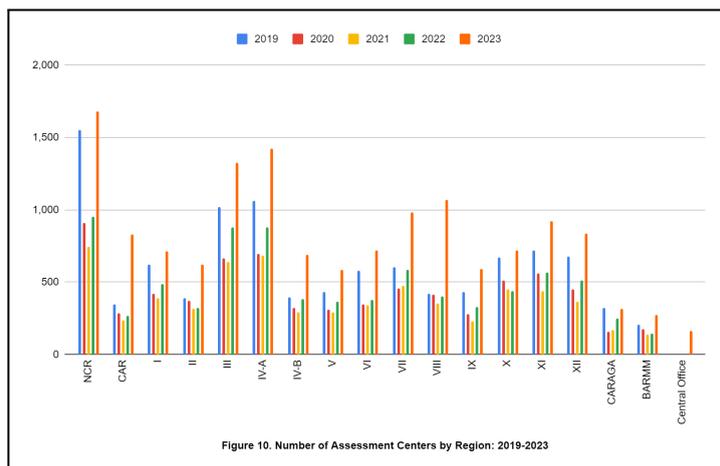
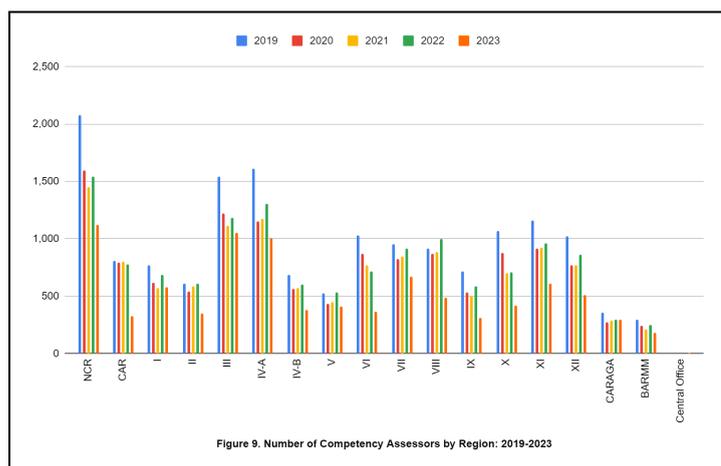
## COMPETENCY ASSESSORS AND ASSESSMENT CENTER BY REGION

Table 15. Number of Competency Assessors and Assessment Centers by Region: 2019–2023

REGION	2019		2020		2021		2022		2023	
	Assessors	Assessment Centers	Assessors	Assessment Centers						
NCR	2,077	1,549	1,592	908	1,449	743	1,541	951	1,125	1,677
CAR	806	344	790	288	803	237	779	264	325	830
I	768	624	613	421	569	388	689	489	577	712
II	608	388	540	372	583	316	609	320	349	623
III	1,542	1,017	1,221	662	1,117	639	1,180	879	1,055	1,326
IV-A	1,612	1,061	1,151	697	1,176	682	1,302	876	1,005	1,425
IV-B	689	398	561	323	570	292	602	384	377	690
V	525	434	435	311	448	289	535	365	411	584
VI	1,027	577	870	349	772	341	717	379	366	720
VII	952	605	821	459	849	476	917	588	668	983
VIII	913	417	868	415	887	355	1,000	402	489	1,068
IX	719	430	530	277	499	233	584	327	310	590
X	1,064	672	877	513	701	451	709	439	420	721
XI	1,158	719	913	562	925	441	962	566	606	919
XII	1,024	679	769	449	766	362	858	509	513	833
CARAGA	356	324	271	159	291	170	299	251	297	317
BARMM	292	205	240	176	211	141	252	145	180	273
Central Office	0	0	0	0	0	0	0	0	8	161
<b>Total</b>	<b>16,132</b>	<b>10,443</b>	<b>13,062</b>	<b>7,341</b>	<b>12,616</b>	<b>6,556</b>	<b>13,535</b>	<b>8,134</b>	<b>9,081</b>	<b>14,452</b>

Source: TESDA-Certification Office

Note: The AC and CA are counted by qualification



# TVET TRAINERS AND PROVIDERS DATA

TESDA TVET STATISTICS 2019 – 2023



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

Table 16. Number of NTTC Holders by Year by Region: 2019 – 2023

REGION	2019	2020	2021	2022	2023
<b>NCR</b>	7,116	5,942	5,017	4,508	7,772
<b>CAR</b>	1,015	1,028	973	880	1,221
<b>I</b>	2,325	1,992	1,985	2,233	2,477
<b>II</b>	1,749	1,634	1,627	1,772	1,804
<b>III</b>	3,812	3,716	3,667	3,841	4,654
<b>IV-A</b>	4,204	3,634	3,444	3,643	4,238
<b>IV-B</b>	1,676	1,562	1,652	1,770	3,850
<b>V</b>	1,927	1,749	2,065	2,026	1,978
<b>VI</b>	2,539	2,327	2,506	2,546	6,507
<b>VII</b>	1,880	1,678	1,680	1,924	2,339
<b>VIII</b>	2,449	2,292	2,278	2,389	3,129
<b>IX</b>	1,851	1,606	1,435	1,476	1,529
<b>X</b>	2,840	2,942	2,632	2,649	3,194
<b>XI</b>	3,094	2,335	2,047	2,723	2,760
<b>XII</b>	767	2,684	2,059	2,449	3,077
<b>CARAGA</b>	722	674	688	687	785
<b>BARMM</b>	2,566	674	653	821	978
<b>Total</b>	<b>42,532</b>	<b>38,469</b>	<b>36,408</b>	<b>38,337</b>	<b>52,292</b>

Source: TESDA-Certification Office

Table 17. TVET Number of NTTC Holders by Sector: 2019-2023

Sector	2019	2020	2021	2022	2023
Agriculture, Forestry And Fishery	2,900	3,570	4,015	5,298	8,059
Automotive And Land Transportation	2,981	2,890	3,196	3,891	5,563
Construction	3,749	3,888	3,939	3,928	5,045
Creative	0	0	0	0	2
Electrical And Electronics	6,135	5,393	4,670	4,631	5,872
Footwear And Leathergoods	1	2	2	2	2
Furniture And Fixtures	19	18	16	8	4
Garments	963	918	894	876	1,101

# TVET TRAINERS AND PROVIDERS DATA

TESDA TVET STATISTICS 2019 – 2023



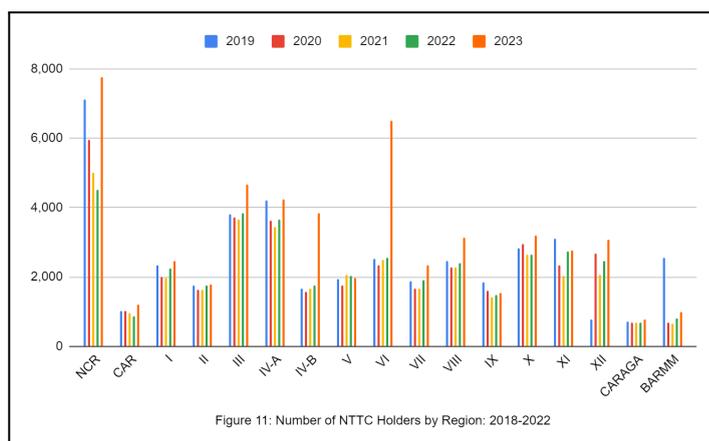
Sector	2019	2020	2021	2022	2023
Heating, Ventilation, Airconditioning And Refrigeration	417	369	313	314	413
Human Health/ Health Care	3,195	2,977	2,744	2,618	3,619
Information And Communication Technology	1,023	813	562	367	466
Logistics	1	1	1	1	10
Maritime	168	167	244	158	280
Metals And Engineering	3,731	3,629	3,523	3,614	4,680
Processed Food & Beverages	695	563	488	520	663
Social, Community Development And Other Services	3,063	2,864	2,574	2,334	2,874
Tourism (Hotel And Restaurant)	13,325	10,248	9,097	9,640	13,465
Utilities (Water Supply, Sewerage, Waste Management, Etc.)	35	33	24	28	33
Visual Arts	36	33	26	31	44
Wholesale And Retail Trading	95	93	80	78	97
<b>Total</b>	<b>42,532</b>	<b>38,469</b>	<b>36,408</b>	<b>38,337</b>	<b>52,292</b>

Source: TESDA-Certification Office

Over the last five (5) years, the National Capital Region (NCR) has consistently held the highest number of NTTC Holders, accounting for 14.59% of the total, followed by Region III with 9.46% and Region IV-A with 9.21%.

Additionally, during the same period, there has been a 4.22% increase in the overall number of NTTC Holders.

In terms of sectoral distribution, the Tourism (Hotel and Restaurant) sector continues to have the highest number of NTTC Holders across all sectors, representing 26.81% of the total. This is followed by the Electrical and Electronics sector with 12.83%, and Agriculture, Forestry, and Fishery with 11.46%. From 2019 to 2023, sectors such as Agriculture, Forestry and Fishery (29.91%), Maritime (21.87%), Construction (8.29%), Automotive And Land Transportation (18.06%) and Visual Arts (7.91%) have shown consistent increase in NTTC holders for the last five years



# TVET TRAINERS AND PROVIDERS DATA

TESDA TVET STATISTICS 2019 – 2023



**Table 18. Number of Enrolled and Graduates in Trainers' Methodology I by Year: 2019 – 2023**

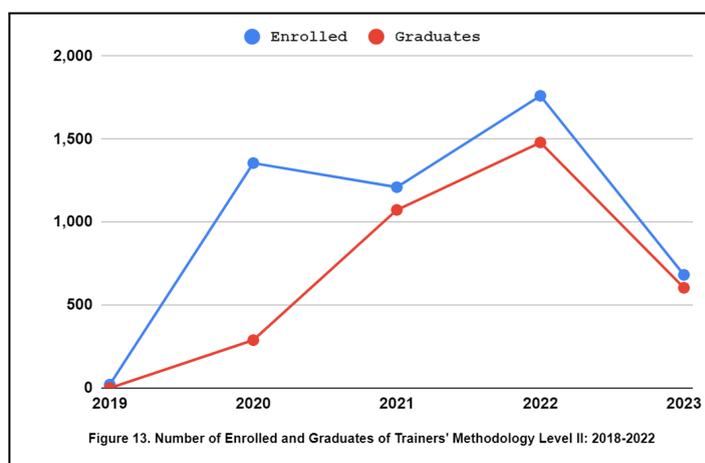
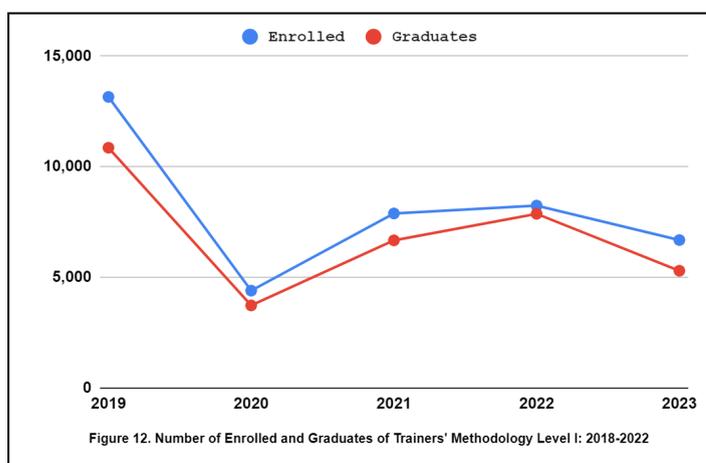
TM I	2019	2020	2021	2022	2023	Total
<b>Enrolled</b>	13,150	4,402	7,888	8,243	6,686	40,369
<b>Graduates</b>	10,855	3,734	6,673	7,872	5,301	34,435

Source: TESDA-ICTO

**Table 19. Number of Enrolled and Graduates in Trainers' Methodology II by Year: 2019 – 2023**

TM II	2019	2020	2021	2022	2023	Total
<b>Enrolled</b>	21	1,355	1,210	1,760	682	5,028
<b>Graduates</b>	0	289	1,073	1,479	604	3,445

Source: TESDA-ICTO



After the COVID-19 pandemic, the number of enrolled and graduated students for Trainers' Methodology Level I has experienced a recovery, with a 23.26% increase in enrollments and a 28.22% increase in graduates from 2020-2022. Unfortunately, in 2023, both TM Level I and II experienced a notable drop in enrollment, possibly due to a low number of takers in the program. On the other hand, the number of graduates remains consistently high relative to enrollments, indicating a high completion rate for both levels of the Trainers' Methodology.

# TVET TRAINERS AND PROVIDERS DATA

TESDA TVET STATISTICS 2019 – 2023



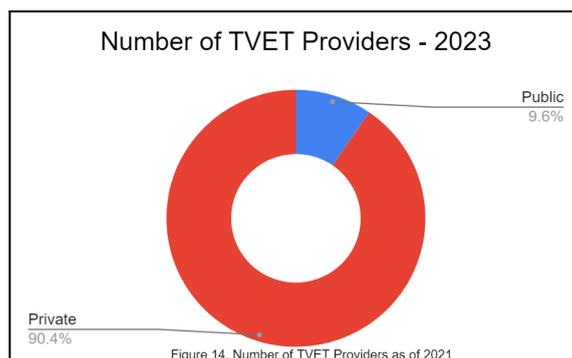
Table 20. Number of TVET Providers by year: 2019-2023

TYPE OF PROVIDER	2019	2020	2021	2022	2023
Public	404	433	445	434	434
Private	3,983	4,001	4,098	4,197	4,102
<b>Total</b>	<b>4,387</b>	<b>4,434</b>	<b>4,543</b>	<b>4,631</b>	<b>4,536</b>

Source: TESDA-Certification Office

Note: Data is based on physical count

The Table above shows that only 9.46% of the training providers are public institutions, while the majority, 90.4%, are private providers. Through the years, more than 90% of training providers are private institutions, while less than 10% of providers are public institutions. The number of training providers has steadily increased during this period.



# SCHOLARSHIP PROGRAMS DATA

TESDA TVET STATISTICS 2019 – 2023



**Table 21. Number of Beneficiaries of the PESFA Scholarship Program: 2019-2023**

PESFA	2019*	2020*	2021*	2022	2023	Total
<b>Enrolled</b>	20,820	12,816	11,833	9,614	9,335	64,418
<b>Graduates</b>	20,693	12,195	11,701	9,045	8,662	62,296
<b>Assessed</b>	18,644	8,571	9,987	7,042	6,634	50,878
<b>Certified</b>	17,101	7,764	8,823	6,451	6,110	46,249

Source :TESDA-ROMO-SMD

Note: \*Updated Accomplishments as of September 20, 2023

Over the past five (5) years, the Private Education Student Financial Assistance (PESFA) Scholarship Program has consistently maintained a completion rate exceeding 90%. Additionally, the certification rate for the PESFA program has consistently ranged between 80% and 90%.

**Table 22. Number of Beneficiaries of the TWSP Scholarship Program: 2019-2023**

TWSP	2019*	2020*	2021*	2022	2023	Total
<b>Enrolled</b>	310,506	214,756	235,179	183,540	174,596	1,118,577
<b>Graduates</b>	300,808	195,331	228,592	157,373	138,374	1,020,478
<b>Assessed</b>	228,603	104,571	139,296	96,909	73,030	642,409
<b>Certified</b>	212,502	97,707	128,988	90,947	69,187	599,331

Source :TESDA-ROMO-SMD

Note: \*Updated Accomplishments as of September 20, 2023

In terms of the TWSP Scholarship Program, the number of enrolled beneficiaries increased significantly from 2020 to 2021, reflecting a growth of 44.33% in enrollment and 51.23% in graduates. Additionally, the program has consistently maintained a completion rate exceeding 90%. Notably, 2023 recorded the highest certification rate at 94.11%.

**Table 23. Number of Beneficiaries of the STEP Scholarship Programs: 2019-2023**

STEP	2019*	2020*	2021*	2022	2023	Total
<b>Enrolled</b>	128,190	55,585	94,125	61,737	108,161	447,798
<b>Graduates</b>	124,420	50,653	91,840	54,509	83,483	404,905
<b>Assessed</b>	87,991	22,690	55,427	29,910	41,503	237,521
<b>Certified</b>	84,486	21,636	52,587	28,549	39,973	227,231

Source :TESDA-ROMO-SMD

Note: \*Updated Accomplishments as of September 20, 2023

In terms of the Special Training for Employment Program (STEP), there was a significant increase in 2023, with a 75.20% increase in the number of enrollees and a 53.15% increase in graduates.

# SCHOLARSHIP PROGRAMS DATA

TESDA TVET STATISTICS 2019 – 2023



**Table 24. Number of Beneficiaries of the UAQTEA Scholarship Programs: 2019-2023**

UAQTEA	2019*	2020*	2021*	2022	2023	Total
<b>Enrolled</b>	73,011	65,416	51,508	45,290	59,466	294,691
<b>Graduates</b>	57,661	56,671	47,685	24,174	31,524	217,715
<b>Assessed</b>	36,071	32,199	8,046	1,370	696	78,382
<b>Certified</b>	34,088	29,965	6,618	1,218	591	72,480

Source :TESDA-ROMO-SMD

Note: \*Updated Accomplishments as of September 20, 2023

Over the last five (5) years the program produced a total of 294,691 enrolled and 217,715 graduates with a 73.88% completion rate.

**Table 25. Number of Beneficiaries of the TTSP Scholarship Programs: 2019-2023**

TTSP	2021*	2022	2023	Total
<b>Enrolled</b>	52,949	73,794	45,092	126,743
<b>Graduates</b>	50,865	60,564	32,402	111,429
<b>Assessed</b>	34,692	36,922	18,933	71,614
<b>Certified</b>	32,402	34,855	18,049	67,257

Source :TESDA-ROMO-SMD

Note: \*Updated Accomplishments as of September 20, 2023

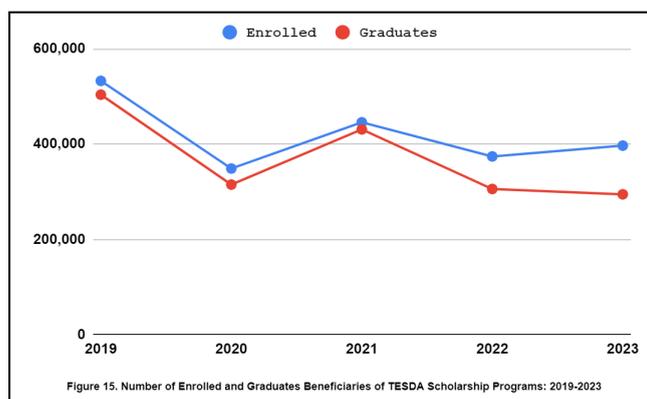


Figure 15. Number of Enrolled and Graduates Beneficiaries of TESDA Scholarship Programs: 2019-2023

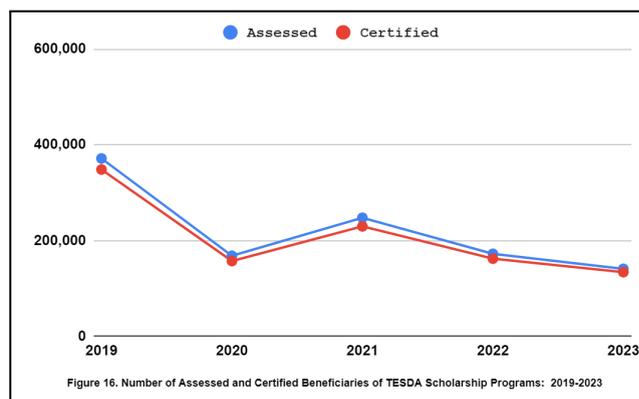


Figure 16. Number of Assessed and Certified Beneficiaries of TESDA Scholarship Programs: 2019-2023

Over the past five years, scholarship data generally increasing trend in both enrollment and graduation figures. The year 2019 saw the highest numbers for both enrolled and graduated students, followed by a significant decline in 2020 due to the pandemic. The subsequent years, 2021 and 2022, showed a recovery, while enrollment increased slightly in 2023.

# SCHOLARSHIP PROGRAMS DATA

TESDA TVET STATISTICS 2019 – 2023



Similarly, the numbers for assessment and certification under the scholarship program have followed a comparable pattern, with a notable decrease in 2020 due to the pandemic and a recovery observed in 2021..

Additionally, the average completion rate across all scholarship programs over the last five years is 88.17%, while the average certification rate is 93.71% for the same period.

# SCHOLARSHIP PROGRAMS DATA

TESDA TVET STATISTICS 2019 – 2023



Table 26a. TVET Scholarship Output by Sector: FY 2022 Continuing Appropriations

Sector	TWSP				STEP				UAQTEA				TTSP			
	E	G	A	C	E	G	A	C	E	G	A	C	E	G	A	C
Agriculture, Forestry, and Fishery	165	117	65	58	2,017	1,815	1,043	1,007	138	46			20			
Automotive and Land Transportation	228	206	171	142	127	125	98	96	52	60			82	58	56	56
Construction	434	311	199	194	735	502	221	220	24				115	101	28	25
Electrical and Electronics	44	42	22	22	821	678	470	394	137	97			57	35	35	26
Garments and Textiles	20	18	18	16	50	47	46	46								
Social and Other Community Development Services	50	48	42	42					25	25						
Human Health / Health Care	123	123	110	110	119	97							95	69	17	17
Information and Communication Technology	434	386	40						112	48			25	25		
Metals and Engineering	65	25	25	25	519	408	346	311	72	45			49	51	24	24
Processed Food and Beverages	18	18	18	18												
Tourism (Hotel and Restaurant)	364	313	289	270	1,911	1,730	1,124	1,083	1,450	708	124	124	323	273	152	152
<b>Total</b>	<b>1,945</b>	<b>1,607</b>	<b>999</b>	<b>897</b>	<b>6,299</b>	<b>5,402</b>	<b>3,348</b>	<b>3,157</b>	<b>2,010</b>	<b>1,029</b>	<b>124</b>	<b>124</b>	<b>766</b>	<b>612</b>	<b>312</b>	<b>300</b>

Source :TESDA-ROMO-SMD

Note: Data is as of December 2023

# SCHOLARSHIP PROGRAMS DATA

TESDA TVET STATISTICS 2019 – 2023



Table 26b. TVET Scholarship Output by Sector: FY 2023

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	18,712	16,226	9,237	8,963	1,185	1,064	789	782	20,100	18,410	6,873	6,705	4,819	2,635	50	50
Automotive and Land Transportation	13,906	11,954	8,265	7,923	1,206	1,136	959	902	14,734	11,115	6,649	6,353	1,034	708		
Construction	16,500	13,404	8,967	8,822	549	492	345	339	10,856	7,681	4,334	4,280	2,271	1,761		
Electrical and Electronics	18,671	14,238	9,113	8,129	934	853	725	627	11,004	8,109	4,116	3,820	4,830	1,842		
Furniture and Fixtures	34	15											25			
Garments and Textiles	2,103	1,367	1,021	936	180	180	152	115	4,639	2,894	1,449	1,272	160	138		
Heating, Ventilation, Airconditioning and Refrigeration	363	347	242	225									299	200		
Human Health / Health Care	9,719	6,898	3,891	3,808	723	665	432	402					2,100	1,273	12	12
Information and Communication Technology	23,089	18,122	406	306	306	278	35	26	932	273	72	65	11,684	6,419	55	23
Language and Culture	1,484	1,128														
Maritime	644	550	393	385	93	92	91	91					25	25		
Metals and Engineering	17,088	13,566	9,630	9,303	733	687	603	565	16,550	12,046	6,143	5,860	2,117	1,028	44	44

# SCHOLARSHIP PROGRAMS DATA

TESDA TVET STATISTICS 2019 – 2023



Sector	TWSP				PESFA				STEP				UAQTEA			
	E	G	A	C	E	G	A	C	E	G	A	C	E	G	A	C
Processed Food and Beverages	1,139	833	560	550					1,544	1,115	427	426				
Social, Community Development and Other Services	4,951	3,659	1,926	1,273	746	652	414	256					3,981	1,276	23	23
Tourism (Hotel and Restaurant)	43,138	33,888	19,057	18,273	2,680	2,563	2,089	2,005	27,802	21,840	11,440	11,192	26,071	14,169	512	439
TVET	2,900	2,039	297	266									50	50		
Visual Arts	15															
Wholesale and Retail Trading	140	140	25	25												
<b>Total</b>	<b>174,596</b>	<b>138,374</b>	<b>73,030</b>	<b>69,187</b>	<b>9,335</b>	<b>8,662</b>	<b>6,634</b>	<b>6,110</b>	<b>108,161</b>	<b>83,483</b>	<b>41,503</b>	<b>39,973</b>	<b>59,466</b>	<b>31,524</b>	<b>696</b>	<b>591</b>

Source :TESDA-ROMO-SMD

Note: Data is as of December 2023

# SCHOLARSHIP PROGRAMS DATA

TESDA TVET STATISTICS 2019 – 2023



Table 26b. TVET Scholarship Output by Sector: FY 2023

Sector	TTSP				RESP				CFSP			
	E	G	A	C	E	G	A	C	E	G	A	C
Agriculture, Forestry, and Fishery	6,672	5,851	3,365	3,308	61,628	57,554	4,070	3,965	9,027	8,121	5,203	5,151
Automotive and Land Transportation	3,645	3,075	2,107	2,009	675	597	310	288				
Construction	4,852	4,110	2,367	2,295								
Electrical and Electronics	5,191	3,526	2,186	1,990								
Furniture and Fixtures												
Garments and Textiles	781	547	256	233								
Heating, Ventilation, Airconditioning and Refrigeration	65	20										
Human Health / Health Care	1,700	898	610	589								
Information and Communication Technology	2,052	516	24	17								
Language and Culture	300	226										
Maritime	70	45	20	20								
Metals and Engineering	6,848	5,083	3,649	3,520								
Processed Food and Beverages	436	287	203	200								
Social, Community Development and Other Services	1,038	521	322	179								

# SCHOLARSHIP PROGRAMS DATA

TESDA TVET STATISTICS 2019 – 2023



Sector	TTSP				RESP				CFSP			
	E	G	A	C	E	G	A	C	E	G	A	C
Tourism (Hotel and Restaurant)	10,493	7,237	3,776	3,656								
TVET	826	435	23	8								
Wholesale and Retail Trading	123	25	25	25								
<b>Total</b>	<b>45,092</b>	<b>32,402</b>	<b>18,933</b>	<b>18,049</b>	<b>62,303</b>	<b>58,151</b>	<b>4,380</b>	<b>4,253</b>	<b>9,027</b>	<b>8,121</b>	<b>5,203</b>	<b>5,151</b>

Source :TESDA-ROMO-SMD

Note: Data is as of December 2023

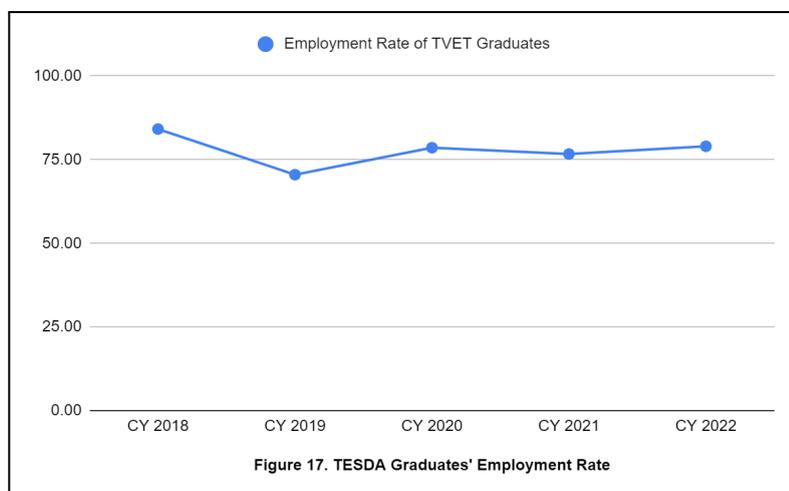
# EMPLOYMENT RATE DATA

TESDA TVET STATISTICS 2019 – 2023



**Table 26. Employment Rate of TESDA Graduates per year: 2019-2023**

Survey Round	TVET Graduates Covered	Employment Rate of TVET Graduates
2019	CY 2018	84.15
2020	CY 2019	70.51
2021	CY 2020	78.57
2022	CY 2021	76.69
2023	CY 2022	79.00



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

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

The data shows that the average employment rate of TVET graduates for the last five (5) years is 77.78%, or approximately 8 out of every 10 TVET graduates were employed at the time of the survey. The highest employment rate was recorded in the 2019 survey round with 84.15%, wherein 8 out of every 10 TVET graduates were employed. In terms of highest educational attainment, majority of the TVET graduates (52% for the 5 survey rounds) have higher education, composed of those who are bachelor level undergraduates (average of 21.69) or are bachelor degree holders (average of 29.85), before attending a TVET program. It can be further observed, in terms of educational attainment, that TVET beneficiaries is now changing, as revealed in the increased proportion of graduates with bachelor degree unit

**Table 28. Employment Rate of TESDA Graduates by Training Venue: 2019-2023**

Survey Round	TVET Graduates Covered	National Employment Rate	Employment Rate By Delivery Mode		
			Institution-based	Community-based	Enterprise-based
2019	2018	84.15	83.70	85.80	67.20
2020	2019	70.51	69.51	71.70	74.20
2021	2020	78.57	76.71	82.48	78.51
2022	2021	76.69	71.64	84.24	85.22
2023	2022	79.00	73.88	86.40	85.48

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

# EMPLOYMENT RATE DATA

TESDA TVET STATISTICS 2019 – 2023



**Table 29. Employment Rate of TESDA Graduates by Scholarship Program: 2019-2023**

Survey Round	Employment Rate by Scholarship Program						
	TWSP	STEP	PESFA	UAQTEA	TTSP	RESP	OTISP
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			
2022	75.06	77.72	72.11	76.23	60.34	87.12	
2023	76.08	79.17	69.71	*	78.2		91.64

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

Notes:

1. OTISP - Other TESDA Implemented Scholarship Program (BKSTP, RESP, Tsuper Iskolar etc.)

\* Due to a low response rate, data from UAQTEA Scholarship Program graduates were excluded from the employment rate calculation. This exclusion ensures the representativeness of the data and minimizes potential bias in the overall scholarship employment rate.

**Table 3.0. Employment Rate of TESDA Graduates by Sector: 2019-2023**

TESDA Sector	Employment Rate by Survey Round				
	2023	2022	2021	2020	2019
Agriculture, Forestry, and Fishery	86.94	82.34	87.32	77.11	88.57
Automotive and Land Transportation	80.67	77.65	82.00	76.01	85.12
Chemicals/Plastics/Petrochemicals	100	-	-	-	-
Construction	76.12	76.39	76.71	74.57	76.23
Creative Sector	63.88	100.00	-	-	-
Decorative Crafts	62.31	-	-	100.00	-
Electrical and Electronics	74.96	74.81	70.95	68.55	82.61
Entrepreneurship	-	86.11	-	-	-
Footwear and Leathergoods	100	100.00	100.00	82.90	100.00
Furniture and Fixtures	-	100.00	-	-	-
Garments	74.75	74.95	83.12	83.55	86.67
Heating, Ventilation, Airconditioning, and Refrigeration	93.3	92.12	79.93	74.39	100.00

# EMPLOYMENT RATE DATA

TESDA TVET STATISTICS 2019 – 2023



Human Health/Health Care	71.99	66.26	78.50	71.92	88.39
Information and Communication Technology	76.7	75.69	73.49	64.46	83.54
Language	*	52.28	65.38	64.42	88.89
Logistics	-	-	52.08	-	-
Maritime	36.32	39.04	31.21	55.34	88.72
Metals and Engineering	74.58	68.98	77.15	68.82	82.56
Processed Food and Beverages	87.79	85.76	78.86	73.40	-
Social, Community Development, and Other Services	73.91	76.43	70.77	64.15	86.02
Tourism (Hotel and Restaurant)	77.72	77.53	75.13	67.42	82.43
TVET	81.09	92.60	92.72	87.80	86.59
Utilities	100	-	-	100.00	47.85
Visual Arts	100	0.00	61.12	50.50	93.22
Wholesale and Retail Trading	100	78.05	60.78	90.98	88.69
Others*	83.52	82.40	86.47	72.25	72.73
<b>Total</b>	<b>79.00</b>	<b>76.69</b>	<b>78.57</b>	<b>70.51</b>	<b>84.15</b>

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

Note: "-" - No sampled respondent on this sector

"" - Language Courses were included in the "Others"

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## SUMMARY OF FINDINGS/ANALYSIS

1. The TESDA's efforts in addressing the pandemic, including the adoption of various flexible learning delivery modes such as Face-to-Face, Online, Blended, Distance, or a Combination of Distance and Face-to-Face Learning in 2021, have yielded significant results. These initiatives have resulted in a notable increase in the number of enrolled, graduates, assessments, and certifications in the post-pandemic years of 2021 and 2022. These positive trends in enrollees, graduates, assessments, and certifications highlight the effectiveness and relevance of TVET programs in the new normal. They also demonstrate TESDA's unwavering commitment to providing quality education and skill development opportunities.

2. In support of the administration's 8-point Near and Medium-Term Socio-Economic Agenda, the developed National Technical Education and Skills Development Plan (NTESDP) 2023-2028 of the Agency includes ten identified priority sectors. These sectors have been selected based on their potential for economic growth, job creation, and the demand for skilled workers:

- Agriculture
- Construction
- Health
- Education
- Tourism
- Manufacturing
- Transportation & Logistics
- IT-BPM
- Creative Industries
- Energy

"TESDA, with the collaboration of the TVET Inter-Agency Committee, supports the administration's ten priority sectors by developing training regulations and skills standards; training programs and interventions, and allocation of scholarships. Skills needs and requirements of these sectors are aggregated using the area-based and demand driven TVET approach, monitoring through relevant LMIR and SNA-WSS reports, and the developed Philippine Skills Frameworks." (NTESDP 2023-2028)

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TESDA also aims to align its scholarship programs with the needs of these sectors to ensure that individuals acquire the relevant skills and competencies required for employment opportunities within these industries. By focusing on these sectors, TESDA aims to contribute to the overall development of the country's economy and improve livelihoods for its citizens.

3. For the sectoral outputs, the Tourism (Hotel and Restaurant) with 1,379,434 enrolled (18.58%) and 1,228,116 graduates (18.38%), Agriculture, Forestry, and Fishery with 1,062,289 enrolled (14.31%) and 999,688 graduates (14.76%), Social and Community Development with 669,478 enrolled (9.02%) and 614,709 graduates (9.08%), followed by Automotive and Land Transportation with 569,305 enrolled (7.67%) and 518,936 graduates (7.66%) are the sectors with most number of enrolled and graduates. The high outputs of the sectors can be attributed to the number of TVET offerings, as these sectors also have the most number of registered programs.

Further, in terms of accomplishments in 2023, although we have not yet matched the 2019 accomplishments, certain sectors have shown increased growth rates such as Chemical/Plastics/Petrochemical with 14.12%, Logistics with 9.80%, Agriculture, Forestry, and Fishery with 6.72%, and Utilities (Water Supply, Sewerage, Waste Management, etc.) with a 1.32% growth rate. However, despite this significant growth rate and its inclusion in the agency's list of top-priority sectors, the following actions are recommended:

- The review of existing programs should be undertaken to enhance responsiveness, allowing TESDA to continuously determine how these sectors can adapt training and assessment methods. The results of industry consultations, Workplace Skills and Satisfaction (WSS) Surveys, regional and provincial skills priorities, and Training Regulation (TR) evaluation studies through Memorandum PO no. 107 s. 2024 or the 2024 List of Qualifications for the Prioritization of Program for Development and Training Regulations Review provided to Qualifications and Standards Office (QSO) should be used in the review of the existing TRs, specifically, the recommendations outlined in Annex D: List of Proposed Skills Requirements for TR Review (Data Analysis) and Annex E: Summary of Proposed Skills Requirements for TR Review (FGD):

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<p>Annex D: List of Proposed Skills Requirements for TR Review (Data Analysis)</p>	<p>Based on Phase 1 (Data Analysis) of the TR Evaluation Process which includes the assessment of the age and utilization of the Training Regulations, the list contains those that are considered as priority for review (as of December 2022 data).</p> <p>Particularly, TRs that are:</p> <ol style="list-style-type: none"> <li>1) Low - Underutilized: TRs that have high enrollees but fewer graduates;</li> <li>2) Unutilized A: TRs that have no registered programs, no enrollees, and no graduates;</li> <li>3) Unutilized B: TRs that have registered programs but neither have any enrollees nor graduates</li> <li>4) Unutilized C: TRs that have no data at all; and</li> <li>5) Highly utilized but of old age: TRs that have high EGAC but promulgated six years or more.</li> </ol>
<p>Annex E: Summary of Proposed Skills Requirements for TR Review (FGD)</p>	<p>The list contains a summary of the proposed skills requirements for TR Review based on Phase 2 (Conduct of Focus Group Discussions) of the TR Evaluation Process.</p>

- TESDA Regional and Provincial offices, along with the Certification Office, should still assess the infrastructure capacity of TVET, including registered programs, assessment centers, assessors, and NTC Holders, to effectively implement the programs in the priority sectors. It is crucial to make additional efforts to increase the availability of infrastructure in the Creative Sector, which currently has only one (1)

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registered program and lacks (2) NTTC holders, (0) assessment centers, and (3) assessors. Similarly, the Logistics sector, with two (2) registered program and an (10) NTTC holder, (3) assessment centers and (4) competent assessors to meet the potential for economic growth job creation and the demand for skilled workers.

- Furthermore, TESDA ROPO, in collaboration with the Partnership and Linkages Office, should establish additional Industry Boards to enhance support and strengthen TVET infrastructure, particularly in the priority sector with no established IBs yet, such as, Health, Education, and Energy sectors.
- In terms of the **Energy Sector**<sup>1</sup>, it can be noted that TESDA currently does not have any infrastructure specific to this sector. However, TESDA has already implemented training programs that can be considered as value chain of the said sector, such as PV Designs, Installations, and Servicing, Diesel Power Plant Operation and Maintenance, Electric Power Distribution Line Construction, and Electric Power Distribution Operation and Maintenance. With this, in order to promote the energy sector, the following recommendations and actions are suggested:
  - Establish partnerships with energy companies, renewable energy associations, and relevant government agencies to identify skills needed and tailor training programs accordingly.
  - Develop training programs aligned with the energy sector's evolving needs through industry consultations and engagement with subject matter experts.
  - Offer scholarships for energy sector-related qualifications, collaborating with energy companies and industry associations for job placement assistance.
  - Invest in energy sector training facilities and equipment, collaborating with energy companies for access to their resources.
  - Provide specialized training programs for trainers involved in energy sector courses.

4. Significant gender disparities are evident in enrollment within various sectors in 2023 accomplishment. In the Tourism sector, for instance, there is a notable gap between female enrollment, which stands at 195,672 (67.92%), and male enrollment, which totals 952,431 (32.08%). Similarly, the Human Health/Health Care sector demonstrates a higher enrollment of females, with 60,905 enrollees, comprising 71.75%, compared to male enrollees at 28.25%, or 23,981.

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<sup>1</sup> The Energy Sector includes WTR Qualification that can be considered as the value chain of the sector (i.e *PV System Design NC III, PV Systems Installation NC II, PV Systems Servicing NC III, Diesel Power Plant Maintenance NC III, Diesel Power Plant Operation and Maintenance NC II, Diesel Power Plant Operation and Maintenance NC III, Electric Power Distribution Line Construction NC II, Electric Power Distribution Operation and Maintenance NC III, Electric Power Distribution Operation and Maintenance NC IV*)

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This trend could be attributed to the alignment of women's skills with dominant roles in sectors such as tourism and health care. These roles often include housekeeping, front office services, food and beverage handling, cooking, personal care aides, home health aides, and nursing assistants. Conversely, male enrollment predominates in sectors requiring physical strength, such as Construction, where female enrollment stands at 10,374 (15.31%), while male enrollment is significantly higher at 57,369 (84.69%). Similarly, in the Automotive and Land Transportation sector, female enrollment is 31,644 (24.40%), whereas male enrollment comprises 98,045 (75.60%).

One of the recommendations from the Responsiveness of Technical Vocational Education and Training to Gender Equality and Social Inclusion emphasizes that TESDA should recognize the complex interplay of various social identities in Gender Equality and Social Inclusion (GESI). It's not solely about gender; therefore, TESDA should adopt an inclusive approach that considers the intersectionality of diverse social factors to address GESI holistically.

Moreover, there should be explicit recognition that gender equality encompasses not just women. In the context of community-based training, especially those targeting solo parents, it's crucial to dispel the misconception that such programs are exclusively for women. TESDA should ensure that male solo parents are adequately included and supported in outreach programs and training initiatives. Furthermore, TESDA must ensure that training facilities are appropriate and accessible for all.

5. Among the scholarships, the TESDA Training for Work Scholarship Program (TWSP) has the highest enrollment, accounting for 53.33%, which can be attributed to its larger budget allocation. Following closely is the Special Training for Employment Program (STEP) with 21.35% of enrollees. The Universal Access to Quality Tertiary Education (UAQTEA) has an enrollment of 14.05%, the Tulong Trabaho Scholarship Program (TTSP) has 8.19%, and the Private Education Student Financial Assistance (PESFA) has 3.07%.

Additionally, the sectors with the highest number of enrollees and graduates based on scholarship program outputs are Agriculture, Forestry, and Fishery; Tourism (Hotel and Restaurant); and Information and Communication Technology. These sectors

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are included in the priority areas of the scholarship programs.

6. For the last five (5) years, the average employment rate of TVET graduates is at 77.78% or approximately 8 out of every 10 TVET graduates were employed at the time of survey. The highest employment rate was recorded in the 2019 survey round with 84.15%. An increasing trend on the employment rate can be observed in the HVAC, ICT, Processed Food and Beverage, and Tourism sector.