



TECHNICAL EDUCATION AND SKILLS DEVELOPMENT AUTHORITY

LABOR MARKET INTELLIGENCE REPORT

RAPID ASSESSMENT OF 2008-2010 TVET PERFORMANCE

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TVET Performance: 2008-2010 TVET Graduates

The 3rd Cycle National Technical Education and Skills Development Plan (NTESDP), 2011-2016 spells out the major direction of TVET in the next six years. As input to the NTESDP, 2011-2016, a rapid assessment of TVET performance was conducted focusing on the 2008- 2010 TVET graduates. The following analysis were based on the submission of the regional offices.

A. Profile of TVET Graduates

A total of around 3.28M TVET graduates were registered nationwide from 2008-2010. The number of TVET graduates in 2009 was a little bit higher compared in 2010 with 1,262,583 and 1,210,356, respectively. Based on the 2009 data from the Corporate Affairs Office (CAO), however, TVET graduates were posted at 1,903,793, higher than the rapid assessment.

Regions with consistent high turnout of TVET graduates are NCR, Region IV-A and Region III. More than 20% of TVET graduates comes from National Capital Region (NCR) with 699,991, followed by Region IV-A and Region III, with 384,613 (11.7) 343,107 (10.4), respectively, in 2010. These are the same regions with the highest number of TVET providers and TVET programs registered under UTPRAS. Based on the 2009 Compendium of Registered Programs under UTPRAS, NCR has 1,051 TVET providers with a total of 4,142 registered programs. Regions III and IV-A have 388 TVET institutions with 1,790 registered programs and 418 TVET providers with 1,771 registered programs, respectively.

Table 1. TVET Graduates by Region: 2008-2010

| REGION | 2,008 | | 2,009 | | 2,010 | | TOTAL | |
|-------------------------------------|----------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|
| | Graduate | % | Graduate | % | Graduate | % | Graduate | % |
| Total | 810,765 | 100.0 | 1,262,583 | 100.0 | 1,210,356 | 100.0 | 3,283,704 | 100.0 |
| National Capital Region | 186,434 | 23.0 | 280,896 | 22.2 | 232,661 | 19.2 | 699,991 | 21.3 |
| Cordillera Administrative Region | 27,724 | 3.4 | 33,408 | 2.6 | 22,196 | 1.8 | 83,328 | 2.5 |
| Region I - Ilocos Region | 54,315 | 6.7 | 58,575 | 4.6 | 62,558 | 5.2 | 175,448 | 5.3 |
| Region II - Cagayan Valley | 36,180 | 4.5 | 95,637 | 7.6 | 69,882 | 5.8 | 201,699 | 6.1 |
| Region III - Central Luzon | 68,193 | 8.4 | 143,627 | 11.4 | 131,287 | 10.8 | 343,107 | 10.4 |
| Region IV-A - CALABARZON | 66,172 | 8.2 | 149,625 | 11.9 | 168,816 | 13.9 | 384,613 | 11.7 |
| Region IV-B - MIMAROPA | 20,518 | 2.5 | 41,196 | 3.3 | 31,711 | 2.6 | 93,425 | 2.8 |
| Region V - Bicol Region | 50,013 | 6.2 | 11,993 | 0.9 | 22,870 | 1.9 | 84,876 | 2.6 |
| Region VI - Western Visayas | 45,062 | 5.6 | 50,577 | 4.0 | 50,977 | 4.2 | 146,616 | 4.5 |
| Region VII - Central Visayas | 46,695 | 5.8 | 54,047 | 4.3 | 142,391 | 11.8 | 243,133 | 7.4 |
| Region VIII - Eastern Visayas | 40,841 | 5.0 | 75,629 | 6.0 | 49,711 | 4.1 | 166,181 | 5.1 |
| Region IX - Zamboanga Peninsula | 41,846 | 5.2 | 88,015 | 7.0 | 72,330 | 6.0 | 202,191 | 6.2 |
| Region X - Northern Mindanao | 35,660 | 4.4 | 80,495 | 6.4 | 57,990 | 4.8 | 174,145 | 5.3 |
| Region XI - Davao Region | 38,257 | 4.7 | 20,038 | 1.6 | 22,330 | 1.8 | 80,625 | 2.5 |
| Region XII - SOCCSKSARGEN | 35,849 | 4.4 | 59,219 | 4.7 | 54,689 | 4.5 | 149,757 | 4.6 |
| Region XIII - CARAGA | 17,006 | 2.1 | 19,606 | 1.6 | 17,957 | 1.5 | 54,569 | 1.7 |

Note: 1. ARMM - no submission

2. Region X - incomplete submission

Source: Regional submission per memo dated April 18, 2011

For 2008-2010, there were more male graduates than female, except in 2010 where the number of female TVET graduates was slightly higher than their male counterpart with 605,179 (50.1%), 604,293(49.9%), respectively.

Table 2. TVET Graduates by Sex: 2008-2010

| Sex | 2008 | | 2009 | | 2010 | |
|--------------|----------------|--------------|------------------|--------------|------------------|--------------|
| | Graduates | % | Graduates | % | Graduates | % |
| Total | 810,765 | 100.0 | 1,262,583 | 100.0 | 1,210,356 | 100.0 |
| Male | 413,094 | 51.0 | 671,846 | 53.2 | 604,293 | 49.9 |
| Female | 396,702 | 48.9 | 587,998 | 46.6 | 605,179 | 50. |
| NR | 969 | 0.1 | 2,739 | 0.2 | 884 | 0.1 |

Note: ARMM - no submission

Region X -data for 2010 incomplete

Source: Regional submission dated April 18, 2011

On the average, 45.7% of TVET graduates are high school graduates. It is interesting to note that a significant number of TVET graduates have college education (31.8%). This suggests their need for additional competencies in preparation for looking for gainful employment.

Table 3. TVET Graduates by Highest Grade Completed: 2008-2010

| Highest Grade Completed | 2,008 | | 2,009 | | 2,010 | | TOTAL | |
|-----------------------------|----------------|--------------|------------------|-------------|------------------|--------------|------------------|--------------|
| | Graduates | % | Graduates | % | Graduates | % | Graduates | % |
| Total | 810,765 | 100.0 | 1,262,583 | 100 | 1,210,356 | 100.0 | 3,283,704 | 100.0 |
| No Grade Completed | 1,743 | 0.2 | 311 | 0.0 | 303 | 0.0 | 2,357 | 0.1 |
| Elementary Level | 30,250 | 3.7 | 16,361 | 1.3 | 17,056 | 1.4 | 63,667 | 1.9 |
| Elementary Graduate | 143 | 0.0 | 1,025 | 0.1 | 1,015 | 0.1 | 2,183 | 0.1 |
| High School Level | 65,240 | 8.0 | 68,117 | 5.4 | 157,377 | 13.0 | 290,734 | 8.9 |
| High School Graduate | 350,635 | 43.2 | 594,430 | 47.1 | 554,748 | 45.8 | 1,499,813 | 45.7 |
| Tech-Voc Graduate | 23,537 | 2.9 | 24,015 | 1.9 | 14,673 | 1.2 | 62,225 | 1.9 |
| College Level | | - | | - | | - | | - |
| Undergraduate | 127,243 | 15.7 | 234,926 | 18.6 | 195,180 | 16.1 | 557,349 | 17.0 |
| Graduate and Higher | 106,289 | 13.1 | 233,810 | 18.5 | 146,659 | 12.1 | 486,758 | 14.8 |
| Not Reported | 105,685 | 13.0 | 89,588 | 7.1 | 123,345 | 10.2 | 318,617 | 9.7 |

Note: ARMM - no submission

Region X -data for 2010 incomplete

Source: Regional submission dated April 18, 2011

Majority of TVET graduates fall within the age brackets of 18-24 and 25-34 (average of 39.3% and 20.5%, respectively). By year, age bracket 17-24 registered 293,393 (36.2%) in 2008, 516,254 (40.9%) in 2009 and 481,269 (39.8%) in 2010. TVET graduates under the age bracket of 25-34 on the other hand, registered 174,985 (21.6%) in 2008, 264,018 (20.9% in 2009 and 233,875 (19.3%) in 2010.

Table 4. TVET Graduates by Age Group: 2008-2010

| Age Level | 2008 | | 2009 | | 2010 | | TOTAL | |
|-------------------|----------------|--------------|------------------|--------------|------------------|--------------|------------------|---------------|
| | Graduate | % | Graduate | % | Graduate | % | Graduate | % |
| Total | 810,765 | 100.0 | 1,262,583 | 100.0 | 1,210,356 | 100.0 | 3,283,704 | 100.00 |
| Below 15 yrs. Old | 150 | 0.0 | 157 | 0.0 | 170 | 0.0 | 477 | 0.01 |
| 15-17 | 89,176 | 11.0 | 146,049 | 11.6 | 174,290 | 14.4 | 409,515 | 12.5 |
| 18-24 | 293,393 | 36.2 | 516,254 | 40.9 | 481,269 | 39.8 | 1,290,916 | 39.3 |
| 25-34 | 174,985 | 21.6 | 264,018 | 20.9 | 233,875 | 19.3 | 672,878 | 20.5 |
| 35-44 | 86,801 | 10.7 | 111,993 | 8.9 | 99,575 | 8.2 | 298,369 | 9.1 |
| 45-54 | 32,486 | 4.0 | 57,412 | 4.5 | 52,676 | 4.4 | 142,574 | 4.3 |
| 55-64 | 11,103 | 1.4 | 21,375 | 1.7 | 22,021 | 1.8 | 54,499 | 1.7 |
| 65 & over | 729 | 0.1 | 1,591 | 0.1 | 2,060 | 0.2 | 4,380 | 0.1 |
| Age not reported | 121,942 | 15.0 | 143,734 | 11.4 | 144,420 | 11.9 | 410,096 | 12.5 |

Note: ARMM - no submission

Region X -data for 2010 incomplete

Source: Regional submission dated April 18, 2011

In terms of scholarship, a significant increase in the number of scholars was observed in 2009 posting 390,134 (30.9% of the total TVET graduates 1.26M) as compared to 74,350 scholars in 2008. It will be noted that a total of P1.2 billion for scholarship was released in 2008 while P5.7 billion budget for scholarship also was released in 2009. In 2010, a decrease in the number of scholars was noted as the budget for scholarship was pegged to P700 million only. Data from CAO indicate a total of 592,977 TWSP graduate scholars and 16,886 PESFA graduates in 2009.

Table 2 provides the percent share of TVET graduate scholars per region.

Table 5. TVET Graduate Scholar by Region: 2008-2010

| Region | 2008 | | 2009 | | 2010 | | TOTAL | |
|--------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | TVET Graduate Scholar | % Total TVET Graduate | TVET Graduate Scholar | % Total TVET Graduate | TVET Graduate Scholar | % Total TVET Graduate | TVET Graduate Scholar | % Total TVET Graduate |
| Total | 74,350 | 9.2 | 390,134 | 30.9 | 67,893 | 5.6 | 532,404 | 16.2 |
| NCR | 18,978 | 10.2 | 108,522 | 38.6 | 5,325 | 2.3 | 132,825 | 19.0 |
| CAR | 4,016 | 14.5 | 10,584 | 31.7 | 1,793 | 8.1 | 16,393 | 19.7 |
| Region I | 4,824 | 8.9 | 26,131 | 44.6 | 2,409 | 3.9 | 33,364 | 19.0 |
| Region II | 113 | 0.3 | 1,204 | 1.3 | 3,178 | 4.5 | 4,495 | 2.2 |
| Region III | 10,277 | 15.1 | 63,755 | 44.4 | 9,181 | 7.0 | 83,213 | 24.3 |
| Region IV-A | 521 | 0.8 | 17,166 | 11.5 | 3,170 | 1.9 | 20,869 | 5.4 |
| Region IV-B | 3,729 | 18.2 | 24,558 | 59.6 | 9,503 | 30.0 | 37,790 | 40.4 |
| Region V | 5,379 | 10.8 | 503 | 4.2 | 1,627 | 7.1 | 7,524 | 8.9 |
| Region VI | 1,629 | 3.6 | 17,808 | 35.2 | 7,080 | 13.9 | 26,517 | 18.1 |
| Region VII | 6,306 | 13.5 | 13,343 | 24.7 | 2,252 | 1.6 | 21,901 | 9.0 |
| Region VIII | 5,575 | 13.7 | 23,055 | 30.5 | 2,643 | 5.3 | 31,273 | 18.8 |
| Region IX | 4,727 | 11.3 | 19,779 | 22.5 | 9,525 | 13.2 | 34,031 | 16.8 |
| Region X | | | 19,704 | 24.5 | 1,873 | 3.2 | 21,577 | 12.4 |

| Region | 2008 | | 2009 | | 2010 | | TOTAL | |
|------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | TVET Graduate Scholar | % Total TVET Graduate | TVET Graduate Scholar | % Total TVET Graduate | TVET Graduate Scholar | % Total TVET Graduate | TVET Graduate Scholar | % Total TVET Graduate |
| Region XI | 2,952 | 7.7 | 11,694 | 58.4 | 731 | 3.3 | 15,377 | 19.1 |
| Region XII | 2,970 | 8.3 | 20,034 | 33.8 | 4,552 | 8.3 | 27,556 | 18.4 |
| CARAGA | 2,354 | 13.8 | 12,294 | 62.7 | 3,051 | 17.0 | 17,699 | 32.4 |

Note: ARMM - no submission

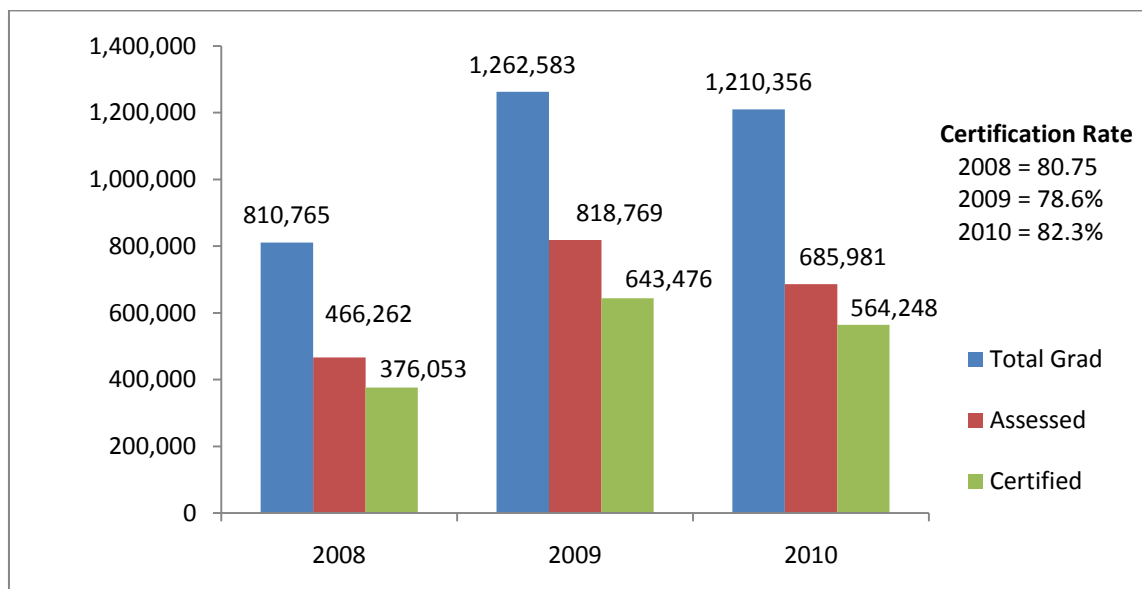
Region X -data for 2010 incomplete

Source: Regional submission dated April 18, 2011

B. Assessment and Certification TVET Graduates

The mandatory assessment of graduates of WTR programs was implemented in 2006. In 2008, out of 810,465 graduates, there were 466,262 (57.5%) graduates who were assessed, while in 2009 out of the 1.26M graduates, there were 818,769 (64.8%) graduates who undergone assessment. For 2010, the registered number of graduates was 1.2M and out of this 685,981 (56.7%) were assessed. The assessed male graduates were consistently recorded higher as compared to assessed female graduates for the covered years.

Figure 1. Assessed and Certified TVET Graduates: 2008-2009



Note: ARMM - no submission

Region X -data for 2010 incomplete

Source: Regional submission dated April 18, 2011

In 2010, the certification rate reached 82.3% (564,248). In terms of number, however, there were more persons who were certified in 2009 with 643,746. The regions that consistently registered higher certification rates than the national certification rate over the last 3 years are regions V, VIII and NCR.

Records from CACO recorded higher certification rates except in 2008 with 78.1% vis-a-vis 80.7% in the rapid assessment. Moreover, NCR is consistently posting high certification rates with 96.3%, 95.7% and 94.4%, during the three-year period per record of the CACO. This could be attributed with the Maritime sector where most of the seafarers take the assessment in NCR and registering as high as 97% certification rate.

Table 6. Assessed and Certified TVET Graduates by Region: 2008-2010

| Region | 2008 | | | 2009 | | | 2010 | | |
|--------------|----------------|----------------|------------------------|----------------|----------------|------------------------|----------------|----------------|------------------------|
| | Assessed | Certified | Certification Rate (%) | Assessed | Certified | Certification Rate (%) | Assessed | Certified | Certification Rate (%) |
| Total | 466,262 | 376,053 | 80.7 | 818,769 | 643,746 | 78.6 | 685,981 | 564,248 | 82.3 |
| NCR | 136,834 | 130,895 | 95.7 | 190,017 | 179,126 | 94.3 | 222,455 | 208,779 | 93.9 |
| CAR | 15,948 | 11,982 | 75.1 | 28,469 | 19,636 | 69.0 | 18,144 | 13,615 | 75.0 |
| I | 43,835 | 32,712 | 74.6 | 66,015 | 55,753 | 84.5 | 36,888 | 31,336 | 84.9 |
| II | 24,705 | 17,967 | 72.7 | 31,170 | 25,791 | 82.7 | 22,102 | 19,168 | 86.7 |
| III | 33,064 | 25,009 | 75.6 | 70,120 | 51,715 | 73.8 | 64,515 | 46,515 | 72.1 |
| IV-A | 35,670 | 22,425 | 62.9 | 80,944 | 61,344 | 75.8 | 77,389 | 58,798 | 76.0 |
| IV-B | 13,572 | 9,082 | 66.9 | 21,337 | 16,151 | 75.7 | 15,818 | 10,463 | 66.1 |
| V | 22,877 | 20,773 | 90.8 | 164 | 115 | 70.1 | 3,506 | 3,004 | 85.7 |
| VI | 20,511 | 10,850 | 52.9 | 56,874 | 37,959 | 66.7 | 52,172 | 35,022 | 67.1 |
| VII | 20,466 | 16,606 | 81.1 | 70,445 | 37,566 | 53.3 | 27,438 | 23,835 | 86.9 |
| VIII | 24,708 | 22,672 | 91.8 | 26,991 | 24,138 | 89.4 | 12,690 | 11,878 | 93.6 |
| IX | 31,385 | 23,539 | 75.0 | 66,011 | 49,508 | 75.0 | 54,248 | 40,686 | 75.0 |
| X | - | - | | 21,662 | 18,515 | 85.5 | 6,732 | 5,870 | 87.2 |
| XI | 15,388 | 11,244 | 73.1 | 30,317 | 22,710 | 74.9 | 28,050 | 23,254 | 82.9 |
| XII | 16,977 | 13,692 | 80.7 | 41,734 | 33,833 | 81.1 | 32,628 | 23,081 | 70.7 |
| CARAGA | 10,322 | 6,605 | 64.0 | 16,499 | 9,886 | 59.9 | 11,206 | 8,944 | 79.8 |

Note: ARMM - no submission

Region X -data for 2010 incomplete

Source: Regional submission dated April 18, 2011

Table 7. Assessed and Certified TVET Graduates by Sex: 2008-2010

| Sex | 2008 | | 2009 | | 2010 | | TOTAL | | |
|--------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|------------------------|
| | Assessed | Certified | Assessed | Certified | Assessed | Certified | Assessed | Certified | Certification Rate (%) |
| Total | 466,262 | 376,053 | 818,769 | 643,746 | 685,981 | 564,248 | 1,971,012 | 1,584,047 | 80.4 |
| Male | 245,849 | 196,496 | 461,643 | 357,689 | 376,909 | 306,321 | 1,084,401 | 860,506 | 79.4 |
| Female | 220,413 | 179,557 | 357,126 | 286,057 | 309,072 | 257,927 | 886,611 | 723,541 | 81.6 |

Note: ARMM - no submission

Region X -data for 2010 incomplete

Source: Regional submission dated April 18, 2011

The average certification rate in 2008-2010 was recorded at 80.7%. By priority sector, Maritime registered high certification rate of 97.2%. The Health, Social and other Development Services posted 89.7% while the Tourism Sector had 83.7%. The ICT on the other hand, recorded

64.2% while the automotive sector posted 75.5%. The said sectors are those with high turnout of workers who submitted themselves to assessment and certification.

Table 8. Assessed and Certified TVET Graduates by Priority Sector: 2008-2010

| Sector | Total | | | | | | Grand Total | | |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|--------------|
| | 2008 | | 2009 | | 2010 | | 2008-2010 | | |
| | A | C | A | C | A | C | A | C | % |
| Total | 466,262 | 376,053 | 818,769 | 643,746 | 685,981 | 564,248 | 1,971,012 | 1,584,047 | 80.4 |
| Agriculture & Fishery | 5,855 | 3,975 | 11,060 | 8,026 | 13,998 | 8,529 | 30,913 | 20,530 | 66.4 |
| Automotive | 34,493 | 27,258 | 62,215 | 44,968 | 55,146 | 42,443 | 151,854 | 114,669 | 75.5 |
| Aviation & Transportation | - | - | 166 | 143 | 144 | 136 | 310 | 279 | 90.0 |
| Construction | 26,927 | 17,940 | 50,257 | 39,204 | 31,924 | 26,490 | 114,615 | 71,737 | 62.6 |
| Electrical | - | - | - | - | 145 | 144 | 145 | 144 | 99.3 |
| Electronics | 14,029 | 10,102 | 31,527 | 21,816 | 19,045 | 13,174 | 64,601 | 45,092 | 69.8 |
| Footwear & Leathergoods | - | - | 25 | 25 | - | - | 25 | 25 | 100.0 |
| Furniture | 2,845 | 17 | 2 | 565 | - | - | 2,847 | 582 | 20.4 |
| Garments | 4,162 | 3,010 | 9,854 | 9,580 | 6,514 | 5,066 | 20,530 | 17,656 | 86.0 |
| Health | 117,809 | 112,907 | 173,458 | 150,489 | 163,786 | 147,397 | 455,597 | 408,561 | 89.7 |
| HVAC-R | 7,156 | 3,399 | 11,345 | 6,032 | 5,855 | 5,423 | 24,356 | 14,854 | 61.0 |
| ICT | 108,732 | 71,137 | 132,222 | 87,214 | 70,694 | 41,707 | 311,648 | 200,058 | 64.2 |
| Maritime | 40,569 | 39,259 | 49,840 | 48,832 | 77,841 | 75,421 | 168,250 | 163,512 | 97.2 |
| Metals & Engineering | 23,078 | 18,457 | 71,820 | 50,677 | 40,104 | 30,402 | 135,002 | 99,536 | 73.7 |
| Processed Foods | 5,272 | 2,246 | 9,256 | 7,602 | 11,869 | 9,392 | 26,397 | 19,240 | 72.9 |
| Tourism | 75,323 | 66,340 | 205,633 | 168,507 | 188,841 | 158,449 | 469,797 | 393,296 | 83.7 |
| Utilities | 12 | 6 | 89 | 66 | 75 | 75 | 176 | 147 | 84 |

Note: ARMM - no submission

Region X - data for 2010 incomplete

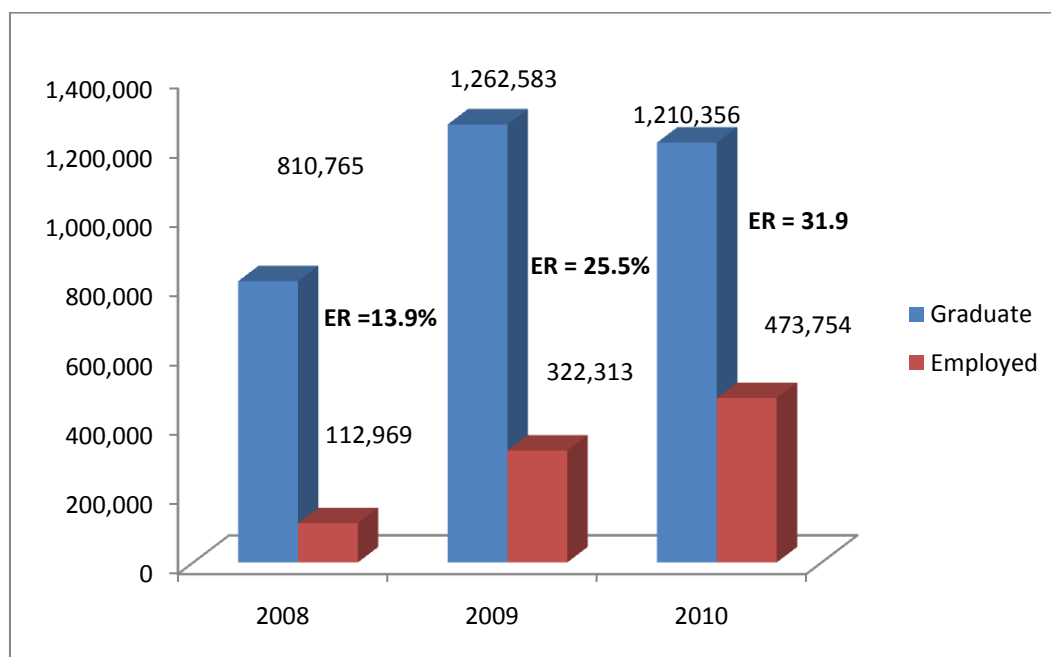
Source: Regional submission dated April 18, 2011

C. Employed TVET Graduates

There was an upward trend in the employment rate of employed graduates in three-year period but still lower than the 2008 IES of TVET Programs results of 44.9%.

There are more male TVET graduates employed in 2008 and 2010. The increasing employment rate of female is noted indicating their increasing active participation in the labor force and contribution to economic development.

Figure 3: Employed TVET Graduates: 2008-2010



Note: ARMM - no submission
 Region X -data for 2010 incomplete
 Source: Regional submission dated April 18, 2011

Table 9. Employed TVET Graduates: 2008-2010

| Sex | 2008 | | 2009 | | 2010 | |
|--------------|----------------|----------------|------------------|----------------|------------------|----------------|
| | Graduates | Employed | Graduates | Employed | Graduates | Employed |
| Total | 810,765 | 112,969 | 1,262,583 | 322,313 | 1,210,356 | 473,754 |
| Male | 413,094 | 59,941 | 671,846 | 158,597 | 604,293 | 242,721 |
| Female | 396,702 | 53,028 | 587,998 | 163,716 | 605,179 | 231,033 |
| NR | 969 | | 2,739 | | 884 | |

Note: ARMM - no submission
 Region X -data for 2010 incomplete
 Source: Regional submission dated April 18, 2011

Table 10 provides the employed TVET graduates by region.

Table 10. Employed TVET Graduates by Region: 2008-2010

| Region | 2008 | | | 2009 | | | 2010 | | | TOTAL | | |
|--------------|----------------|----------------|-------------|------------------|----------------|-------------|------------------|----------------|-------------|------------------|----------------|-------------|
| | Graduate | Employed | % Employed | Graduate | Employed | % Employed | Graduate | Employed | % Employed | Graduate | Employed | % Employed |
| Total | 810,765 | 112,969 | 13.9 | 1,262,583 | 322,313 | 25.5 | 1,210,356 | 473,754 | 39.1 | 3,283,704 | 909,036 | 27.7 |
| NCR | 186,434 | 22,128 | 11.9 | 280,896 | 23,460 | 8.4 | 232,661 | 138,322 | 59.5 | 699,991 | 183,910 | 26.3 |
| CAR | 27,724 | 2,788 | 10.1 | 33,408 | 6,688 | 20.0 | 22,196 | 5,541 | 25.0 | 83,328 | 15,017 | 18.0 |
| I | 54,315 | 1,844 | 3.4 | 58,575 | 20,505 | 35.0 | 62,558 | 17,836 | 28.5 | 175,448 | 40,185 | 22.9 |
| II | 36,180 | 1,506 | 4.2 | 95,637 | 9,093 | 9.5 | 69,882 | 8,380 | 12.0 | 201,699 | 18,979 | 9.4 |
| III | 68,193 | 2,553 | 3.7 | 143,627 | 67,875 | 47.3 | 131,287 | 54,634 | 41.6 | 343,107 | 125,062 | 36.4 |
| IV-A | 66,172 | 19,732 | 29.8 | 149,625 | 71,176 | 47.6 | 168,816 | 77,993 | 46.2 | 384,613 | 168,901 | 43.9 |
| IV-B | 20,518 | 98 | 0.5 | 41,196 | 5,274 | 12.8 | 31,711 | 10,981 | 34.6 | 93,425 | 16,353 | 17.5 |
| V | 50,013 | 2,598 | 5.2 | 11,993 | 3,936 | 32.8 | 22,870 | 6,005 | 26.3 | 84,876 | 12,539 | 14.8 |
| VI | 45,062 | 2,554 | 5.7 | 50,577 | 17,808 | 35.2 | 50,977 | 11,063 | 21.7 | 146,616 | 31,425 | 21.4 |
| VII | 46,695 | 10,752 | 23.0 | 54,047 | 13,347 | 24.7 | 142,391 | 23,159 | 16.3 | 243,133 | 47,258 | 19.4 |
| VIII | 40,841 | 13,784 | 33.8 | 75,629 | 21,036 | 27.8 | 49,711 | 30,036 | 60.4 | 166,181 | 64,856 | 39.0 |
| IX | 41,846 | 10,945 | 26.2 | 88,015 | 34,064 | 38.7 | 72,330 | 38,904.0 | 53.8 | 202,191 | 83,913 | 41.5 |
| X | 35,660 | 1,946 | 5.5 | 80,495 | 13,347 | 16.6 | 57,990 | 12,500 | 21.6 | 174,145 | 27,793 | 16.0 |
| XI | 38,257 | 14,155 | 37.0 | 20,038 | 443 | 2.2 | 22,330 | 15,085 | 67.6 | 80,625 | 29,683 | 36.8 |
| XII | 35,849 | 3,566 | 9.9 | 59,219 | 7,205 | 12.2 | 54,689 | 17,417 | 31.8 | 149,757 | 28,188 | 18.8 |
| CARAGA | 17,006 | 2,020 | 11.9 | 19,606 | 7,056 | 36.0 | 17,957 | 5,898 | 32.8 | 54,569 | 14,974 | 27.4 |

NOTE: AR/III/II - NO SUBMISSION
Region X - data for 2010 incomplete
Source: Regional submission dated April 18, 2011

In terms of employed graduates by age level, it is interesting to note that employment rate was highest among older graduates aged 55 – 64 years old (2008 - 37.1%, 2010 – 73.1%) and 45 – 54 years old (2008 – 30.7%, 2010 – 72.3%). Posted number three in employment rate was aged 35 – 44 years old with 21.4% in 2008 and 26.0% in 2009. It was noted that there was a significant number of employed graduates who did not report their aged level.

Table 11. **Number of Employed Graduates by Age Level by Year: 2008-2010**

| Age Level | 2008 | | | 2009 | | | 2010 | | |
|-------------------|----------------|----------------|-------------|------------------|----------------|--------------|------------------|----------------|--------------|
| | Graduate | Employed | % Employed | Graduate | Employed | % Employed | Graduate | Employed | % Employed |
| Total | 810,765 | 112,969 | 13.9 | 1,262,583 | 322,313 | 25.5 | 1,210,356 | 473,754 | 39.14 |
| Below 15 yrs. Old | 150 | | 0.0 | 157 | | 0.0 | 170 | | 0.0 |
| 15-17 | 89,176 | 4,419 | 5.0 | 146,049 | 21,334 | 14.61 | 174,290 | 26,120 | 15.0 |
| 18-24 | 293,393 | 31,432 | 10.7 | 516,254 | 119,465 | 23.14 | 481,269 | 147,756 | 30.7 |
| 25-34 | 174,985 | 35,350 | 20.2 | 264,018 | 72,307 | 27.39 | 233,875 | 146,713 | 62.7 |
| 35-44 | 86,801 | 18,589 | 21.4 | 111,993 | 29,117 | 26.00 | 99,575 | 59,296 | 59.6 |
| 45-54 | 32,486 | 9,978 | 30.7 | 57,412 | 16,677 | 29.05 | 52,676 | 38,487 | 73.1 |
| 55-64 | 11,103 | 4,120 | 37.1 | 21,375 | 4,796 | 22.44 | 22,021 | 15,926 | 72.3 |
| 65 & over | 729 | 154 | 21.1 | 1,591 | 409 | 25.71 | 2,060 | 778 | 37.8 |
| Age not reported | 121,942 | 8,927 | 7.3 | 143,734 | 58,208 | 40.50 | 144,420 | 38,678 | 26.8 |

Note: ARMM - no submission

Region X - data for 2010 incomplete

Source: Regional submission dated April 18, 2011

By Educational Attainment, it was observed during the three-year period, that employment rate was highest with higher educational attainment in 2008 and 2010: College Graduates & Higher (25.2%; 77.4%) and College Undergraduates (16.1%; 61.4%), respectively. However, Tech-voc graduates had the highest employment rate (51.11%) in 2009. It was also noted that Elementary graduates ranked number three in employment rate with significant yearly increase during the three-year period: 2008 (14.0%; 2009 (26.93%) and 2010 (59.3%).

Table 12. **Number of Employed Graduates by Educational Attainment by Year: 2008-2010**

| Educational Attainment | 2008 | | | 2009 | | | 2010 | | |
|------------------------|----------------|----------------|-------------|------------------|----------------|-------------|------------------|----------------|-------------|
| | Graduate | Employed | % Employed | Graduate | Employed | % Employed | Graduate | Employed | % Employed |
| Total | 810,765 | 112,969 | 14.0 | 1,262,583 | 322,313 | 25.5 | 1,210,356 | 473,754 | 39.1 |
| No Grade Completed | 1,743 | 28 | 1.6 | 311 | 6 | 1.9 | 303 | 95 | 31.4 |
| Elementary Level | 30,250 | 2,048 | 6.8 | 16,361 | 3,728 | 22.8 | 17,056 | 8,996 | 52.7 |
| Elementary Graduate | 143 | 20 | 14.0 | 1,025 | 276 | 26.9 | 1,015 | 602 | 59.3 |
| High School Level | 65,240 | 3,742 | 5.7 | 68,117 | 9,554 | 14.0 | 157,377 | 10,155 | 6.4 |

| Educational Attainment | 2008 | | | 2009 | | | 2010 | | |
|------------------------|----------|----------|------------|----------|----------|------------|----------|----------|------------|
| | Graduate | Employed | % Employed | Graduate | Employed | % Employed | Graduate | Employed | % Employed |
| High School Graduate | 350,635 | 39,278 | 11.2 | 594,430 | 137,579 | 23.1 | 554,748 | 185,115 | 33.4 |
| Tech-Voc Graduate | 23,537 | 231 | 1.0 | 24,015 | 12,379 | 51.6 | 14,673 | 5,125 | 34.9 |
| Post Secondary Level | | 48 | | | 459 | | | 288 | |
| College | | | | | | | | | |
| Undergraduate | 127,243 | 20,529 | 16.1 | 234,926 | 58,995 | 25.1 | 195,180 | 119,921 | 61.4 |
| Graduate and Higher | 106,289 | 26,816 | 25.2 | 233,810 | 51,167 | 21.9 | 146,659 | 113,558 | 77.4 |
| Not Reported | 105,685 | 20,229 | 19.1 | 89,588 | 48,170 | 53.8 | 123,345 | 29,899 | 24.2 |

Note: ARMM - no submission

Region X -data for 2010 incomplete

Source: Regional submission dated April 18, 2011

Out of the total TVET graduates who took and passed certification or holder of national certificate or COC which total to 376,053 in 2008, only 55,645 representing 14.8% were employed. Improvement on employment rates were noted as they reached 24.3% and 37.6% in 2009 and 2010, respectively. This is relatively lower than the 2008 IES employment rate of certified TVET graduates of 46.6%.

Table 13. Employed Graduates Certified: 2008-2010

| | 2008 | 2009 | 2010 |
|-------------------------|-------------|-------------|-------------|
| TVET Graduate Certified | 376,053 | 643,476 | 564,248 |
| Employed TVET Certified | 55,645 | 156,161 | 212,254 |
| Employment Rate | 14.8 | 24.3 | 37.6 |

Note: ARMM - no submission

Region X -data for 2010 incomplete

Source: Regional submission dated April 18, 2011

Comparing the employment rate of TVET graduate with certification (NC or COC) as against the graduates not certified, the latter registered higher employment rate except in 2008. Both groups posted lower than the 2008 IES employment rate of 44.9%.

Table 14. Employed TVET Graduates Not Certified: 2008-2010

| | 2008 | 2009 | 2010 |
|---------------------------------------|-------------|-------------|-------------|
| TVET Graduates Not Certified | 434,712 | 619,107 | 646,108 |
| Employed TVET Graduates Not Certified | 57,324 | 166,152 | 261,500 |
| Employment Rate (%) | 13.2 | 26.8 | 40.5 |

Note: ARMM - no submission

Region X -data for 2010 incomplete

Source: Regional submission dated April 18, 2011

Of the total employed graduates, TVET graduate scholars accounted to only 262,012 (28.8%). In 2009, employed TVET graduate scholars accounted to 40.9% out of the total employment.

Table 15. **Percent Share of Employed TVET Graduate Scholar: 2008-2010**

| Total | 2008 | | 2009 | | 2010 | | Total | |
|---------------|---------|-------|---------|-------|---------|-------|---------|-------|
| | 112,969 | 100.0 | 322,313 | 100.0 | 473,754 | 100.0 | 909,036 | 100.0 |
| Scholar | 16,928 | 15.0 | 131,781 | 40.9 | 113,303 | 23.9 | 262,012 | 28.8 |
| Not Scholar | 79,634 | 70.5 | 176,164 | 54.7 | 324,200 | 68.4 | 579,998 | 63.8 |
| Not Indicated | 16,407 | 14.5 | 14,368 | 4.5 | 36,251 | 7.7 | 67,026 | 7.4 |

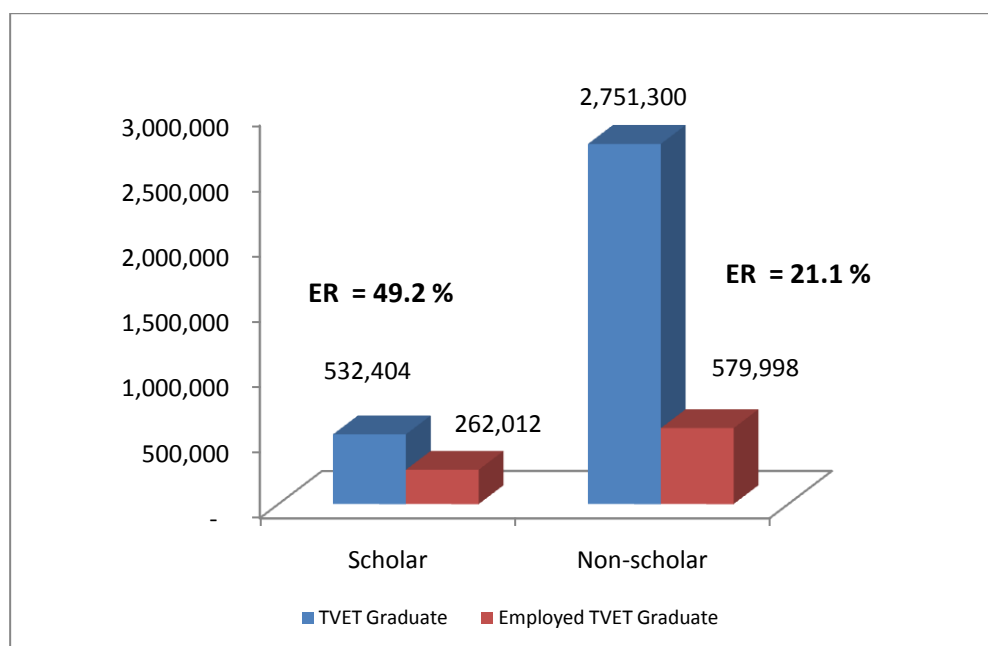
Note: ARMM - no submission

Region X -data for 2010 incomplete

Source: Regional submission dated April 18, 2011

The employment rate of scholar TVET graduates was posted at 49.2% while the non-scholar was registered at 21.1% only.

Figure 4. **Employment Rate of Scholar and Non-Scholar TVET Graduate 2008-2010**





TECHNICAL
EDUCATION
AND SKILLS
DEVELOPMENT
AUTHORITY

TESDA

MEMORANDUM

TO : **The Regional Directors**

FROM : **The Deputy Director General for Sectoral TVET**

DATE : **18 April 2011**

SUBJECT : **Request for Data for the 3rd Cycle NTESDP**

The Sectoral TVET Cluster is currently preparing the 3rd cycle National Technical Education and Skills Development Plan (NTESDP). In aid of the Plan formulation, the data on graduates and employment 2008-2010 are urgently needed.

Available at the Corporate Affairs Office (CAO) is the 2009 employment data which does not include vital detailed data needed.

In view of this, you are hereby instructed to submit the employment data from 2008-2010 based on the attached template not later than **April 20, 2011** thru email ies2011@yahoo.com. Your cooperation is urgently needed to provide empirical basis for the desired analysis leading to conclusions and responses.

Thank you.

MILAGROS DAWA-HERNANDEZ, CESO I

Encl.: as stated

Copy furnished:

Sec. Emmanuel Joel J. Villanueva
Atty. Teodoro C. Pascua, DDG for Field Operations
Director Cecile B. Gutierrez, RCO