



# SPECIAL RELEASE

## 2016 Annual Survey of Philippine Business and Industry (ASPBI) - Economy Wide for Establishment with Total Employment of 20 and Over: Davao Region

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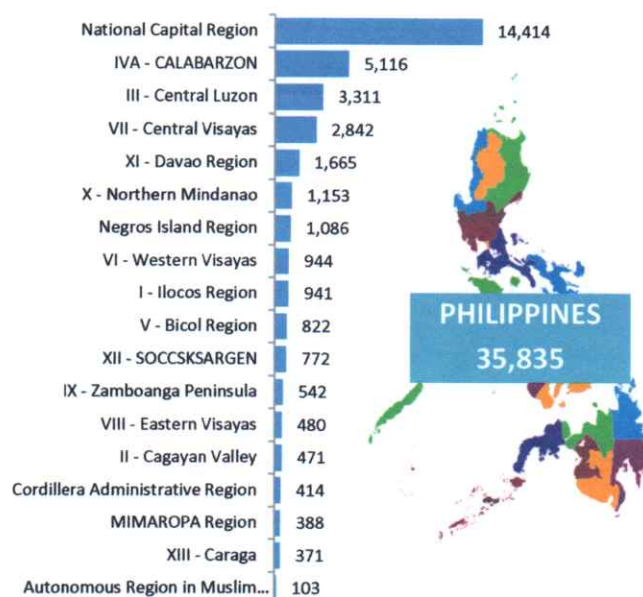
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Based from the preliminary results of the 2016 Annual Survey of Philippine Business and Industry (ASPBI), the total number of establishments with Total Employment (TE) of 20 and over in the formal sector of the economy was recorded at 35,835.

Across regions, 40.2 percent of establishments in 2016 were located in the National Capital Region (NCR) with a total of 14,414 establishments. CALABARZON with 5,116 establishments or 14.3 percent share ranked second. Central Luzon with 3,311 establishments (9.2%) and Central Visayas with 2,842 establishments (7.9%) placed third and fourth, respectively. Autonomous Region in Muslim Mindanao (ARMM) recorded the least count numbering to only 103 establishments or 0.3 percent share to total.

**Figure 1** shows the distribution of establishments with TE of 20 and over by region.

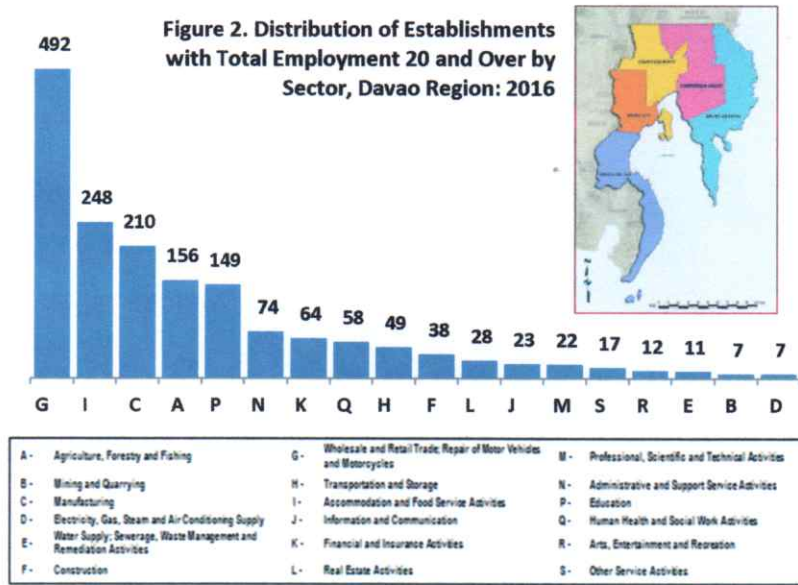
**Figure 1. Distribution of Establishments with TE of 20 and over by Region: 2016**



### Wholesale and retail trade leads in terms of number of establishments

Based from the preliminary results of the 2016 Annual Survey of Philippine Business and Industry (ASPBI), total number of establishments with Total Employment (TE) of 20 and over in the formal sector of the economy in

Davao Region was recorded at 1,665. This is 11 percent greater than the number of establishments posted in 2015.



Top three industries in the region were the following: Wholesale and Retail Trade; Repair of Motor Vehicles, Motorcycles and Personal and Household Goods with 492 establishments comprising 30% of the total number of establishments in the region; Accommodation and Food Service Activities with 248 establishments comprised 15% of the total number of establishments; and Manufacturing, 210 establishment or 13% of the total number of establishments.

On the other hand, industries in Electricity, Gas, Steam and Air Conditioning Supply and Mining and Quarrying in the region reported less than 10 establishments each. **Figure 2** shows the distribution of establishments with TE of 20 and over by sector in Davao Region.

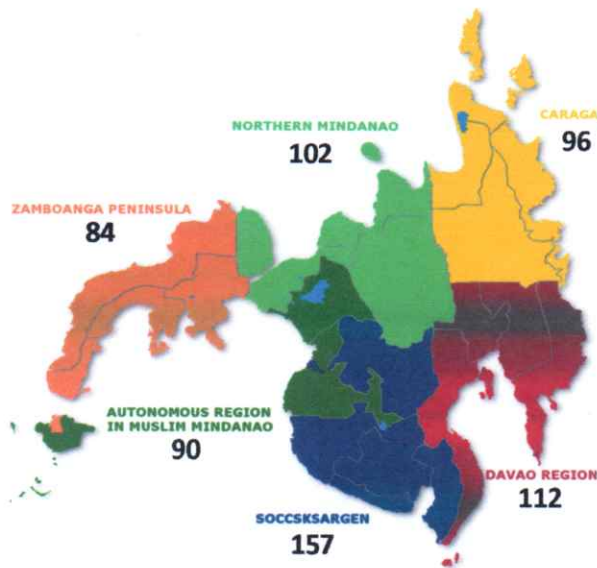
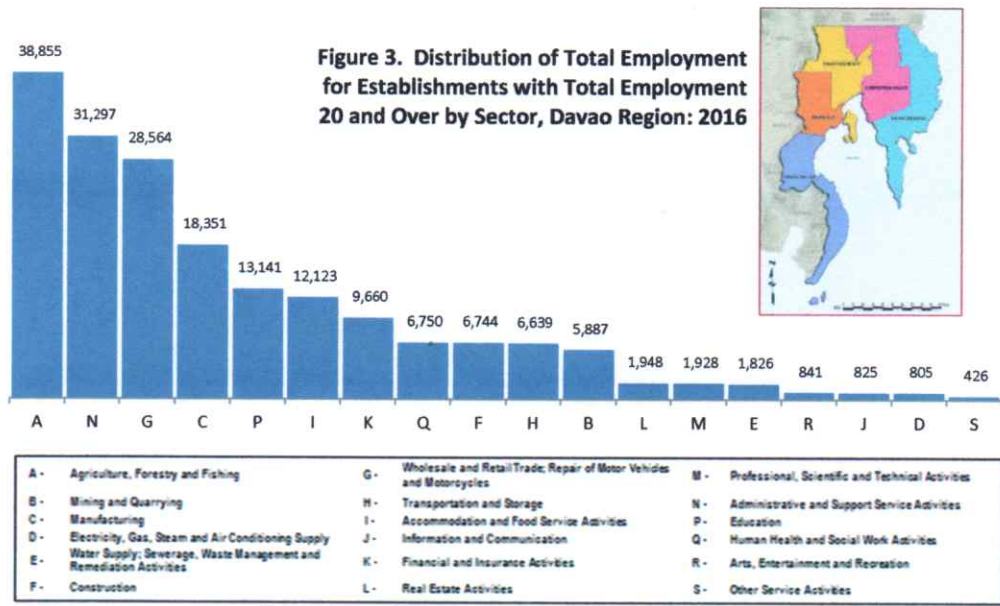
**Agriculture, Forestry and Fishing reports the highest number of workers**

As of November 15, 2016, the recorded total number of persons who worked in the establishments with Total Employment (TE) of 20 and over in the formal sector of the economy in Davao Region was 186,610. It grew about 9 percent compared to 171,462 employees in 2015.

**Total employment** is the number of persons who worked in for the establishment as of 15 November 2016.

Agriculture, Forestry and Fishing recorded the highest number of workers at 38,855, accounting for 21 percent of the total employment. Ranking second was Administrative and Support Service Activities with 31,297 workers or 17 percent share to total employment. Wholesale and Retail Trade, Repair of Motor Vehicles and Motorcycles ranked third with 28,564 workers or 15 percent share to total. Other Service Activities recorded the least share in number of workers with 426 workers or a mere 0.2 percent of the total employment. **Figure 3** shows the distribution of total employment for establishments with TE of 20 and over by sector in Davao Region.

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On the average, there were 112 employees per establishment. Among Mindanao regions, SOCCKSARGEN posted the highest number of employee per establishment at 157. On the other hand Zamboanga posted the lowest at 84 employees per establishment.

$$\text{Average Employment per Establishment} = \frac{\text{Total Number of employed as of November 15, 2016}}{\text{Total Number of Establishments}}$$

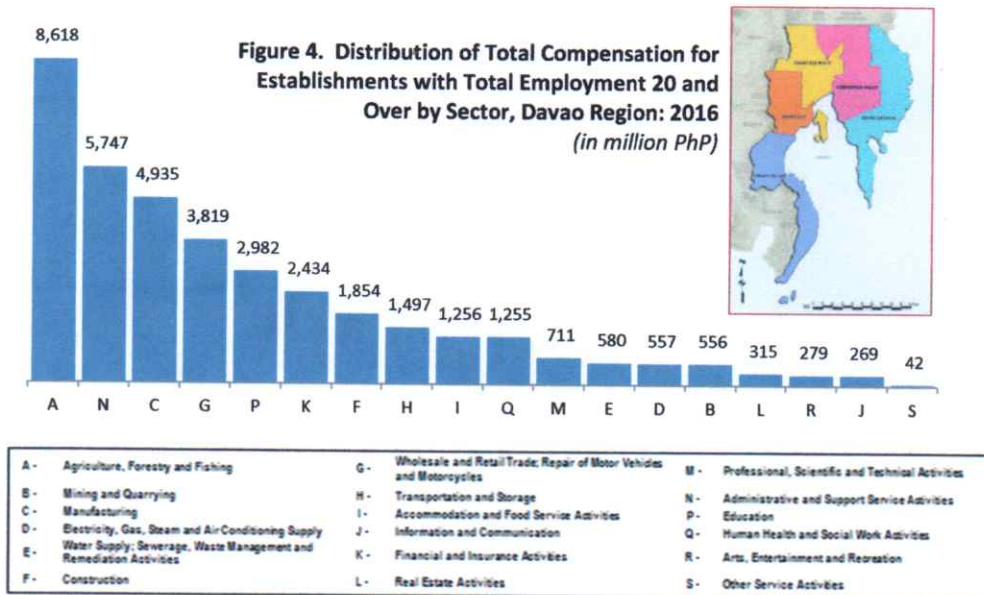
**Total Compensation in 2016 reaches PHP37.7 billion**

Total compensation paid to employees comprising of payment for gross salaries and wages of employees and other benefits paid by the establishment amounted to PHP37.3billion.

**Total compensation** is the sum of salaries and wages, separation, terminal pay and gratuities paid by the establishment to its employees and total employer's contribution to SSS/GSIS, ECC, PhilHealth, Pag-ibig, etc.

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Agriculture, Forestry and Fishing contributed 23 percent of the total compensation paid in 2016 at PHP8,618 million in total. This was followed by Administrative and Support Service Activities paying PHP5,747 million (15%) worth of compensation. Other Service Activities with PHP42 million or 0.1 percent paid the least compensation to its employees. **Figure 4** shows the distribution of total compensation for establishments with TE of 20 and over by sector in Davao Region.



Average monthly compensation per employee in 2016 was estimated at PHP16,920. Employees in Electricity, Gas, Steam and Air Conditioning Supply sector received the highest average monthly pay of PHP57,627 in 2016, followed by employees in Professional, Scientific and Technical Activities with average monthly compensation of PHP30,759. Employees in Other Service Activities Accommodation and Food Service and Mining and Quarrying received less than 9 thousand monthly average compensation: PHP8,728, PHP8,650 and PHP7,876, respectively.

$$\text{Average Monthly Compensation} = \frac{\text{Total Compensation} / \text{Total Paid Employees}}{12 \text{ months}}$$

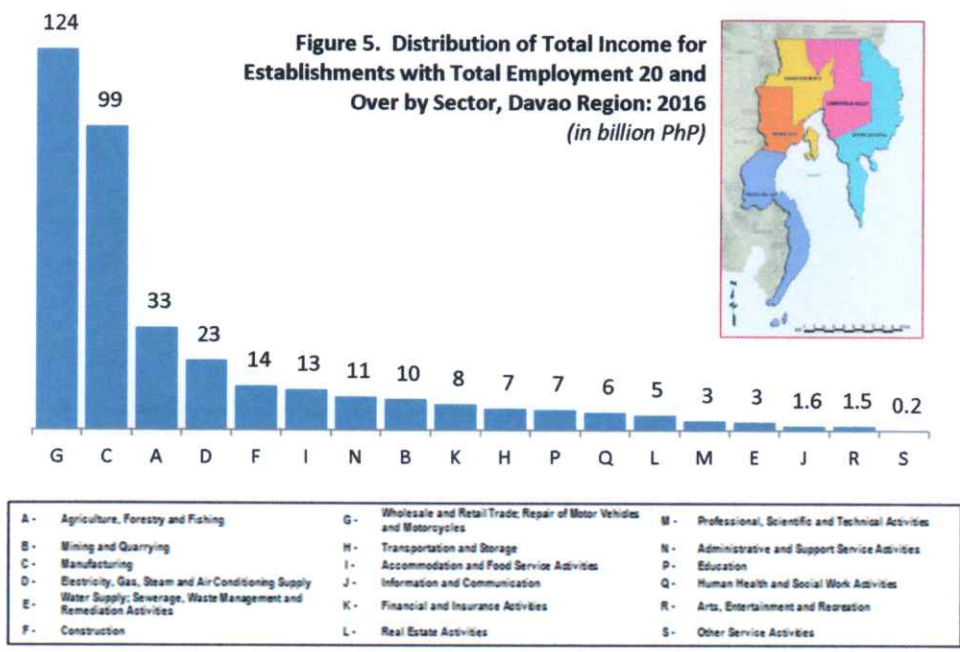
**Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles emerges as top income earner in 2016**

Total income earned by establishments in the region in 2016 amounted to PHP369 billion. About 11 percent increase from 2015

**Total income** or revenue includes cash received and receivables for goods/products and by-products sold and services rendered. Valuation is at producer prices (ex-establishment) net of discounts and allowances, including duties and taxes but excluding subsidies

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Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles, the top income generator, accounted for 33 percent of total income at PHP124 billion. Manufacturing ranked second, earning PHP99 billion or 27 percent share to total. Meanwhile, sectors that contributed less than half percent share each to total income in 2016 were: Information and Communication, PHP1.6 billion or 0.4 percent; Arts, Entertainment and Recreation, PHP1.5 billion or 0.4 percent; and Other Service Activities, PHP0.2 billion or 0.1 percent. **Figure 5** shows the distribution of total income for establishments with TE of 20 and over by sector in Davao Region.



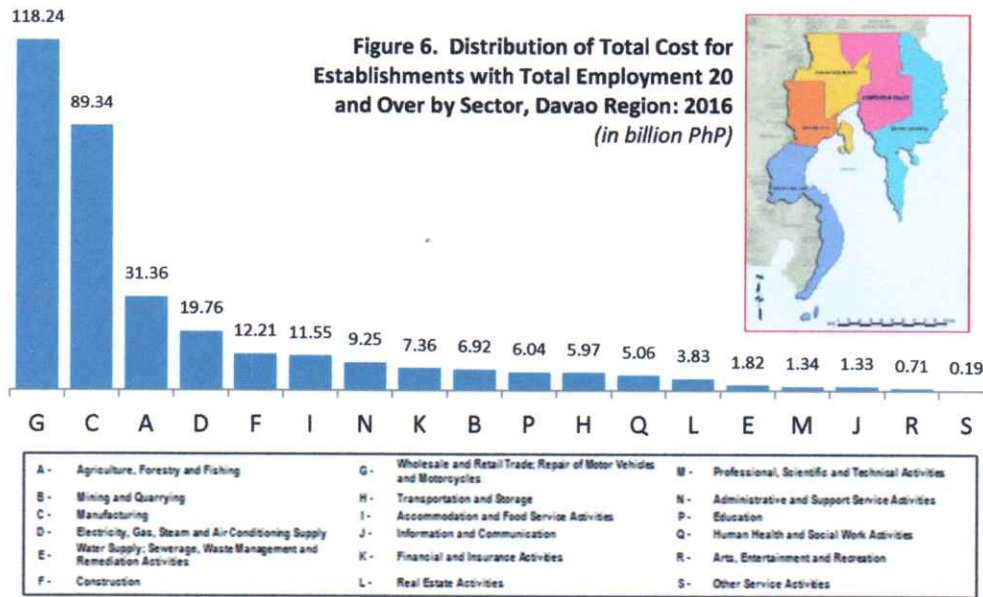
**Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles sector highest cost in 2016**

Total cost incurred in business operations of establishments in the region with TE of 20 and over amounted to PHP332 billion in 2016. This is a 12.8 percent increase from the PHP294 billion total cost incurred in 2015.

Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles, the highest spender, incurred PHP118 billion or 36 percent of the total expense. Manufacturing ranked second with PHP89.3 billion or 27.0 percent of the total, distantly followed by Agriculture, Forestry and Fishing spending PHP31.4 billion (9%). Arts, Entertainment and Recreation and Other Service Activities spent less than PHP1 billion with PHP714 million and PHP190 million, respectively. **Figure 6** shows the total

**Total Cost** refers to all expenses incurred during the year whether paid or payable. Valuation is at purchaser prices including taxes and other charges, net of rebates, returns and allowances. Goods and services received by the establishment from other establishments of the same enterprise are valued as though purchased.

cost incurred for establishments with TE of 20 and over by sector.



**Value Added amounts to PHP95 billion**

Value added generated by establishments in the region with TE of 20 and over in 2016 stood at PHP95 billion. An 11 percent increase compared to value added of PHP 85 billion posted by the establishments with TE of 20 and over in 2015

Manufacturing generated PHP23 Billion or 24 percent share to total, the highest among the sectors. Agriculture, Forestry and Fishing and Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles ranked second and third, generating PHP12.2 billion and PHP12 billion, respectively. On the other hand, Information and Communication (PHP798 million) and Other Service Activities (PHP76 million) contributed less than one billion pesos total value added.

**VALUE ADDED = Gross Output – Intermediate Input**

**Gross Output** is the sum of the total income (less interest income, rent income from land, dividend income, royalty income and franchise income), capital expenditures of fixed assets produced on own account and change in inventories.

**Intermediate Input** is equal to the sum of the following expense items: materials and supplies purchased; fuels, lubricants, oils and greases purchased; electricity purchased, water purchased; industrial services done by others; non-industrial services done by others; goods purchased for resale; research and development expense; environmental protection expense; royalty fee; franchise fee; and other expense.

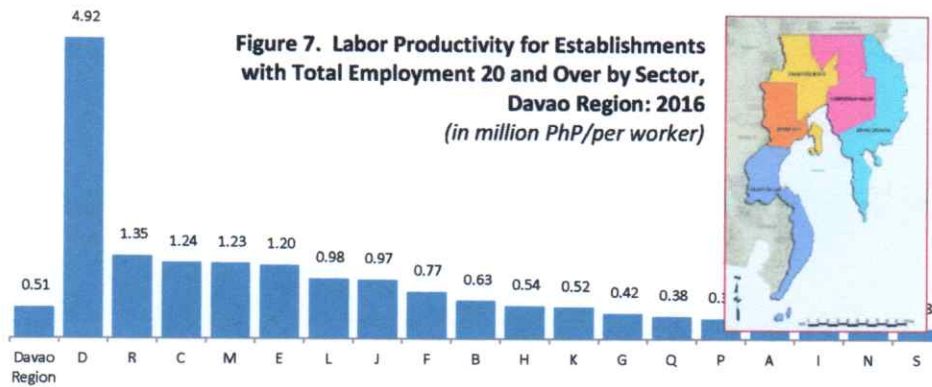
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**Workers of Electricity, Gas, Steam and Air Conditioning Supply are the most productive**

The ratio of value added to employment, a measure of simple labor productivity, was estimated at PHP510.4 thousand in 2016.

Electricity, Gas, Steam and Air Conditioning Supply reported to be the most productive sector in 2016, with value added per worker of almost PHP4.9 million. Arts, Entertainment and Recreation was the second most productive sector, generating PHP1.4 million value added per worker, followed by Manufacturing , Professional, Scientific and Technical Activities, and Water Supply; Sewerage, Waste Management with PHP 1.24 million, PHP 1.23 million and PHP 1.20 million value added per worker, respectively. **Figure 7** shows the Labor Productivity for establishments with TE of 20 and over by sector.

$$\text{Labor Productivity} = \frac{\text{Value Added}}{\text{Total Employed}}$$



A - Agriculture, Forestry and Fishing	G - Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	M - Professional, Scientific and Technical Activities
B - Mining and Quarrying	H - Transportation and Storage	N - Administrative and Support Service Activities
C - Manufacturing	I - Accommodation and Food Service Activities	P - Education
D - Electricity, Gas, Steam and Air Conditioning Supply	J - Information and Communication	Q - Human Health and Social Work Activities
E - Water Supply; Sewerage, Waste Management and Remediation Activities	K - Financial and Insurance Activities	R - Arts, Entertainment and Recreation
F - Construction	L - Real Estate Activities	S - Other Service Activities

**Subsidies received from the government reach PHP1 billion**

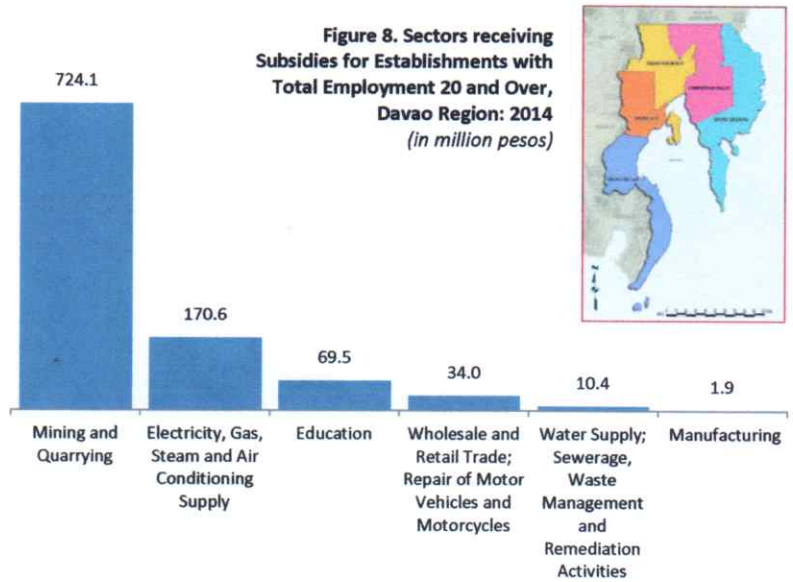
Total subsidies received by establishments in the region with TE of 20 and over amounted to PHP1 billion in 2016.

Only 6 out of the 18 industry sectors in the region received subsidies from the government. Mining and Quarrying receiving almost 72 percent of the total subsidies received (PHP724 million). Electricity, Gas, Steam and Airconditioning Supply came in second with PHP170 million.

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**Subsidies** are all special grants in the form of financial assistance or tax exemption or tax privilege given by the government to aid and develop an industry

**Figure 8. Sectors receiving Subsidies for Establishments with Total Employment 20 and Over, Davao Region: 2014**  
(in million pesos)



**E-commerce sales amounts to PHP206 million**

Total sales from e-commerce transactions in 2016 in the region was estimated at PHP206 million. This is four times the value of e-commerce sales (PHP49 million) reported in 2015.

Only 2 sectors reported to have sales through e-commerce transactions: Manufacturing (PHP108 million) and Accommodation and Food Service Activities (PHP98 million). Note that in 2015 only Accommodation and Food Service Activities reported to have e-commerce transactions in 2015.

**E-commerce** refers to the selling of products or services over electronic systems such as Internet Protocol-based networks and other computer networks. Electronic Data Interchange (EDI) network, or other on-line system. Excluded are orders received from telephone, facsimile and e-mails

*[Handwritten Signature]*  
**RUBEN D. ABARO, JR**  
 OIC – REGIONAL DIRECTOR





REPUBLIC OF THE PHILIPPINES  
PHILIPPINE STATISTICS AUTHORITY

TABLE 2 Summary Statistics for Establishments with Total Employment of 20 and Over by Region: Philippines, 2016  
(Values are in thousand pesos, except for number of establishments and employment. Details may not add-up to total due to rounding and/or statistical disclosure control)

Region	Number of Establishments	Employment as of November 15		Total Income	Expense			Value of Output	Intermediate Expense	Value Added	Gross Addition to Tangible Fixed Assets	Change in Inventories	Subsidies	Sales from E-commerce Transactions
		Total	Paid Employees		Total	Compensation	Other Expense							
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
<b>XI - Davao Region</b>	1,665	186,610	185,715	369,064,210	332,301,839	37,707,083	294,594,758	177,321,866	114,706,182	95,238,413	15,621,883	492,380	1,010,325	206,138
A Agriculture, Forestry and Fishing	156	38,855	38,575	33,356,320	31,360,196	8,617,856	22,742,340	33,714,771	17,465,659	12,243,956	1,578,184	817,637	-	-
B Mining and Quarrying	7	5,887	5,887	10,142,821	6,917,901	556,377	6,361,524	8,878,766	4,873,415	3,691,443	290,774	31,711	724,064	-
C Manufacturing	210	18,351	18,291	98,618,010	89,340,495	4,935,399	84,405,096	95,528,168	65,876,502	22,812,595	2,281,890	416,110	1,850	108,364
D Electricity, Gas, Steam and Air Conditioning Supply	7	805	805	22,635,970	19,764,857	556,675	19,208,182	21,887,361	17,088,309	3,963,535	1,667,848	(121,173)	170,587	-
E Water Supply; Sewerage, Waste Management and Remediation Activities	11	1,826	1,826	2,735,040	1,820,388	579,867	1,240,521	3,029,493	664,070	2,199,392	472,490	8,306	10,400	-
F Construction	38	6,744	6,736	14,329,887	12,208,146	1,854,346	10,353,800	14,283,307	8,738,227	5,204,468	243,034	(20,490)	-	-
G Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	492	28,564	28,448	123,563,322	118,236,538	3,819,343	114,417,195	n/a	n/a	12,001,830	1,360,850	(1,111,763)	33,954	-
H Transportation and Storage	49	6,639	6,636	7,036,558	5,972,892	1,496,722	4,476,170	n/a	n/a	3,601,577	521,100	24,649	-	-
I Accommodation and Food Service	248	12,123	12,104	13,172,352	11,553,606	1,256,338	10,297,268	n/a	n/a	3,660,223	272,522	(16,170)	-	97,774
J Information and Communication	23	825	824	1,579,450	1,332,651	268,527	1,064,125	n/a	n/a	798,402	236,120	(12,147)	-	-
K Financial and Insurance Activities	64	9,660	9,660	8,451,972	7,364,575	2,433,879	4,990,696	n/a	n/a	5,031,375	1,958,675	24,149	-	-
L Real Estate Activities	28	1,948	1,948	5,040,347	3,884,514	315,078	3,519,436	n/a	n/a	1,912,115	3,447,329	351,586	-	-
M Professional, Scientific and Technical Activities	22	1,928	1,926	3,140,059	1,341,323	710,963	630,420	n/a	n/a	2,380,983	43,202	8,238	-	-
N Administrative and Support Service Activities	74	31,297	31,282	10,893,087	9,246,740	5,746,959	3,499,781	n/a	n/a	7,445,341	486,057	4,976	-	-
P Education	149	13,141	12,864	6,779,071	6,039,354	2,982,222	3,057,132	n/a	n/a	4,516,558	180,678	(6,758)	69,470	-
Q Human Health and Social Work Activities	58	6,750	6,660	5,873,782	5,063,080	1,255,317	3,807,763	n/a	n/a	2,559,984	578,183	84,614	-	-
R Arts, Entertainment and Recreation	12	841	841	1,513,171	714,373	279,172	435,201	n/a	n/a	1,136,954	132	1,410	-	-
S Other Service Activities	17	426	402	202,991	190,210	42,103	148,108	n/a	n/a	75,692	2,815	7,495	-	-

Source: 2016 Annual Survey of Philippine Business and Industry (Preliminary Results), Philippine Statistics Authority