



# SPECIAL RELEASE

## 2018 Census of Philippine Business and Industry (CPBI) Results: Sector M (Professional, Scientific and Technical Activities)

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### **Sector M: Professional, Scientific and Technical activities (PST)**

Industry Section M includes 16 industry groups covering specialized Professional, Scientific and Technical Activities that require a high degree of training and make these specialized knowledge and skills available to users. It highlights the number of establishments engaged in the industry sections, total employment created, total revenue generated, total expenses incurred and total value added generated.

**Figure 1. CPBI Results for Professional, Scientific and Technical Activities (PST),  
CAR: 2018**



Source: Philippine Statistics Authority

- ✦ The results of the 2018 CPBI showed that a total of 191 establishments were engaged in Professional, Scientific and Technical Activities in the Cordillera Administrative Region. This indicated a 158.1 percent increase from the 74 establishments that were recorded in 2012.

- ✦ These establishments employed 1,530 employees composing of 780 male and 750 female employees. The number of employed increased by 286.4 percent compared to the 396 workers in 2012. Out of the total employees employed in PST activities, 1,463 were paid employees.
- ✦ The PST industry generated a total of PhP2.3 billion, an increase of 3,040.3 percent from the PhP72.3 billion in 2012.
- ✦ A total expense of PhP1 billion in 2018 was also recorded from the establishments in the region engaged in PST, indicating an increase of 1,836.3 percent from the PhP52.7 million in 2012. Out of these, 62.7 percent was incurred for other expenses which amounted to PhP639.1 million while the remaining 37.3 percent amounting to PhP380.7 million was spent for compensation.
- ✦ PST activities realized a total of Php1.8 billion value added in 2018. This was 3,477.4 percent higher compared to the total value added that was recorded during 2012.
- ✦ A total of PhP3 million gross additions to tangible fixed assets were also recorded in the region for this industry section. However, no subsidy from the government was recorded for the industry.

### Top industry groups in terms of number of establishments

Among the industry group in this section, photographic activities topped the list in terms of number of establishments. There were 59 establishments in this activity. Legal Activities as well as Architectural and Engineering Activities and Related Consultancy ranked second, both with 31 establishments followed by Management and Consultancy with 27 establishments.

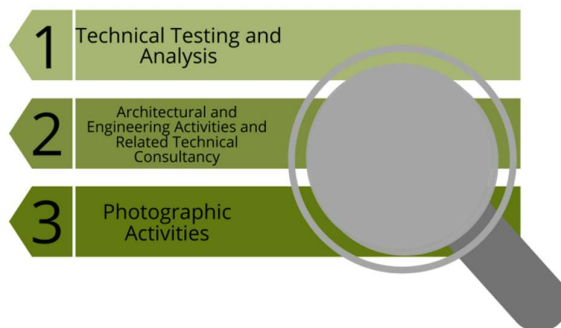
**Figure 2. Top Industry Group in Terms of Number of Establishments, CAR: 2018**



Source: Philippine Statistics Authority

### Top industry groups in terms of number of employees

**Figure 3. Top Industry Group in Terms of Number of Employees, CAR: 2018**



Industry-wise, Technical Testing and Analysis employed the highest number of employees with 541 employees. This was followed by the Architectural and Engineering Activities and Related Technical Consultancy with 321 employees and Photography Activities with 180 employees.

Technical Testing and Analysis also incurred the highest compensation expense with a total of PhP109.9 million. However, Activities in Head Offices spent higher compensation (PhP78.7 million) compared to that of

Architectural and Engineering Activities and Related Technical Consultancy (PhP64.1 million),

and Photography Activities (PhP71.5 million) which ranked 2<sup>nd</sup> and 3<sup>rd</sup> in terms of number of employees.

### Top industry groups in terms of total revenue and expenses

**Figure 4. Top Industry Group in Terms of Total Revenue and Expenses, CAR: 2018**



Source: Philippine Statistics Authority

The top three industry groups that contributed the highest revenue were also the top three industries in terms of total expenses incurred in 2018.

Across industry groups, Photographic Activities earned the highest revenue with PhP1.6 billion. This was followed by Technical Testing and Analysis with PhP159.4 million and Management Consultancy Activities with PhP142.5 million.

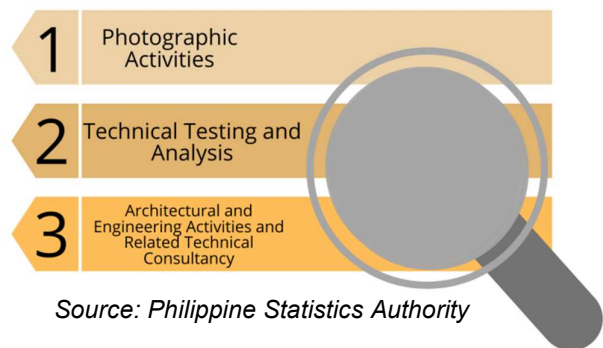
Photographic Activities remained the top 1 for total expenses, incurring PhP463.2 million total expenses, Technical Testing and Analysis also remained top 2, incurring PhP129.7 million and top 3 was Management Consultancy Activities incurring PhP123.7 million.

### Top industry groups in terms of total value added

Top 3 industries in terms of total valued added in the region were Photographic Activities, Technical Testing and Analysis and Architectural and Engineering Activities and Related Technical Consultancy.

Photographic Activities had a total value added of PhP1.3 billion. Meanwhile, Technical Testing Analysis had a total of PhP141.2 million value added while Architectural and Engineering Activities and Related Technical Consultancy had a total of PhP100.3 million valued added.

**Figure 5. Top Industry Group in Terms of Total Value Added, CAR: 2018**



Source: Philippine Statistics Authority

**Villafe P. Alibuyog**  
Regional Director

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## Technical Notes

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**Establishment** is an economic unit under a single ownership and control, i.e. under a single entity, engaged in one or predominantly one kind of economic activity at a single fixed location.

**Economic activity** is the establishment's source of income. If the establishment is engaged in several activities, its main economic activity is that which earns the biggest income or revenue.

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

**Paid employees** are all persons working in the establishment and receiving pay, as well as those working away from the establishment paid by and under the control of the establishment. Included are all employees on sick leave, paid vacation or holiday. Excluded are consultants, home workers, receiving pure commissions only, and workers on indefinite leave.

**Compensation** is the sum of salaries and wages, separation/retirement/terminal pay, gratuities and payments made by the employer in behalf of the employees such as contribution to SSS/GSIS, ECC, PhilHealth, Pag-ibig, etc.

**Salaries and wages** are payments in cash or in kind to all employees, prior to deductions for employee's contributions to SSS/GSIS, withholding tax, etc. Included are total basic pay, overtime pay and other benefits.

**Income or Revenue** refers to 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.

**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 online system. Excluded are orders received from telephone, facsimile and e-mails.

**Expense** refers to cost incurred by the establishment during the year whether paid or payable. This is treated on a consumed basis. Valuation is a purchaser price 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.

**Value added** is gross output less intermediate input. Computation of gross output for financial and insurance activities sector varies per industry as presented below:

**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 /less rent expense for land; research and development expense; environmental protection expense; royalty fee; franchise fee; foreign exchange losses and other expense.

**Gross addition to tangible fixed assets** is equal to capital expenditures less sale of fixed assets, including land.

**Change in inventories** is equivalent to the value of inventories at the end of the year less the value of inventories at the beginning of the year.

**Inventories** refer to the stock of goods owned by and under the control of the establishment as of a fixed date, regardless of where the stocks are located. Valuation is at current replacement cost in purchaser prices. Replacement cost is the cost of an item of its present price rather than its original cost.

**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.

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