



# SPECIAL RELEASE

## 2020 Annual Survey of Philippine Business and Industry Water Supply; Sewerage, Waste Management and Remediation Activities Section Final Results

Date of Release: 13 June 2023  
Reference No. 2023-SSO-053

Table A. Comparative Summary Statistics for Water Supply; Sewerage,  
Waste Management and Remediation Activities Section  
Philippines, 2019 and 2020

Particulars	2019 <sup>f</sup>	2020 <sup>f</sup>	Growth Rate (%)
Total Number of Establishments	1,130	1,102	(2.5)
Total Employment	44,815	38,333	(14.5)
Average Number of Workers per Establishment	40	35	(12.5)
Total Compensation (in thousand pesos)	16,103,125	15,826,194	(1.7)
Average Annual Compensation per Paid Employee (in pesos)	363,272	416,194	14.6
Total Revenue (in thousand pesos)	125,493,102	108,620,156	(13.4)
Total Expense (in thousand pesos)	100,299,671	86,024,820	(14.2)
Revenue per Expense Ratio	1.25	1.26	0.8
Total Subsidies (in thousand pesos)	246,888	178,721	(27.6)

Notes: Growth rates are computed from actual values and may yield different results when computed manually.

f- final

()- negative value

Source: Philippine Statistics Authority, 2019 and 2020 ASPBI (Final Results)

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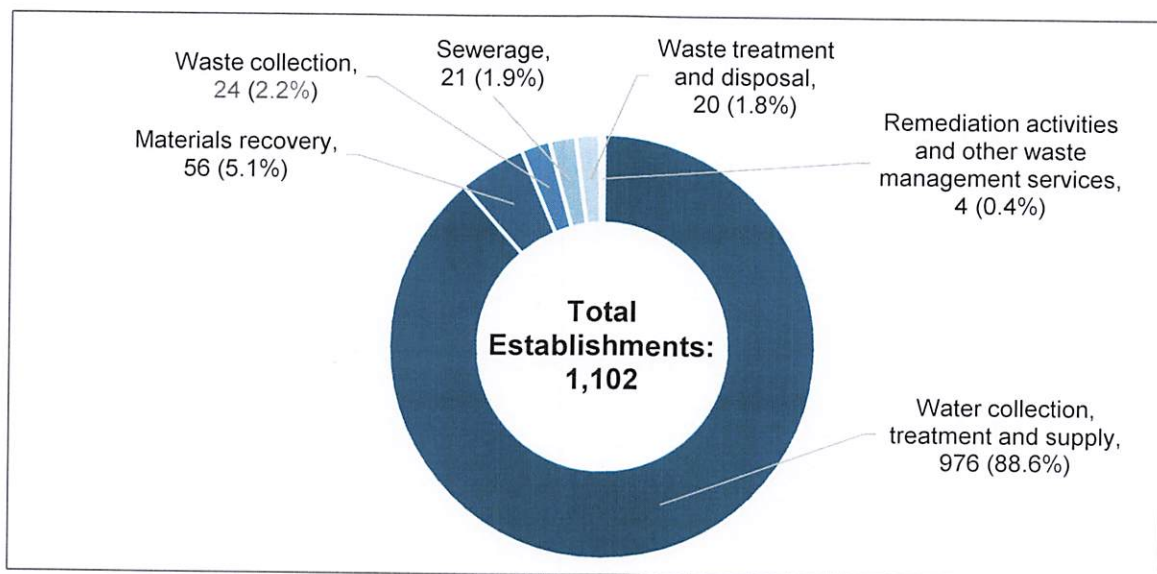
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## Water collection, treatment and supply industry group dominated in terms of number of establishments

The Annual Survey of Philippine Business and Industry (ASPBI) final results showed that a total of 1,102 establishments in the formal sector of the economy were engaged in water supply; sewerage, waste management and remediation activities in 2020. This represents a -2.5 percent decrease from the 1,130 establishments reported in 2019. (Tables A and 1)

Among industry groups, water collection, treatment and supply recorded the highest number of 976 establishments (88.6%). This was followed by materials recovery with 56 establishments (5.1%), and waste collection with 24 establishments (2.2%). On the other hand, remediation activities and other waste management services recorded the least number of four establishments (0.4%). (Figure 1 and Table 1)

Figure 1. Distribution of Water Supply; Sewerage, Waste Management and Remediation Activities Section by Industry Group: Philippines, 2020



Source: Philippine Statistics Authority, 2020 ASPBI (Final Results)

Among regions, CALABARZON reported the highest number with 192 establishments (17.4%). Central Luzon and Central Visayas ranked second and third with 157 establishments (14.2%) and 126 establishments (11.4%), respectively. On the other hand, Autonomous Region in Muslim Mindanao (ARMM) recorded the lowest count with six establishments (0.5%). (Table 3)

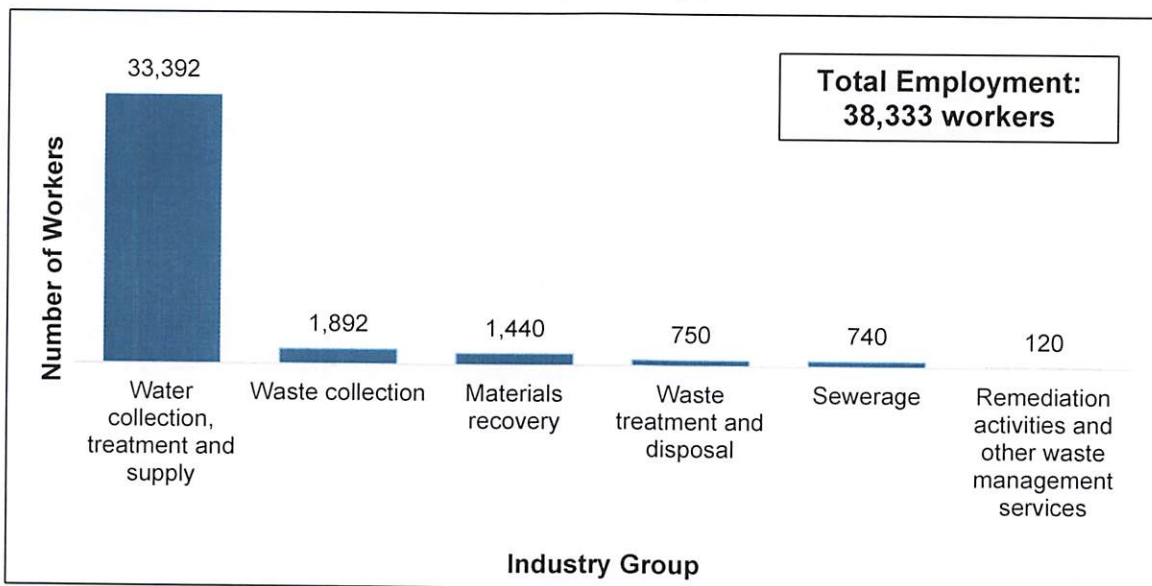
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## Water collection, treatment and supply industry group employed the highest number of workers

The section's total employment in 2020 was estimated at 38,333 workers, indicating a decline of -14.5 percent from the 44,815 workers in 2019. Of the total employment in 2020, 38,026 workers (99.2%) were paid employees, while the remaining were working owners and unpaid workers. (Tables A and 1)

By industry group, water collection, treatment and supply, which recorded the highest number of establishments in 2020, was also the top industry in terms of number of workers. It employed a total of 33,392 workers or 87.1 percent of the total employment for the section. Remediation activities and other waste management services, on the other hand, had the lowest number of 120 workers (0.3%). (Figure 2 and Table 1)

Figure 2. Distribution of Employment for Water Supply; Sewerage, Waste Management and Remediation Activities Section by Industry Group: Philippines, 2020



Source: Philippine Statistics Authority, 2020 ASPBI (Final Results)

Region-wise, CALABARZON employed the highest number with 6,900 workers or 18.0 percent of the total for the section, followed by the National Capital Region (NCR) with 6,184 workers (16.1%). Completing the top three regions with the most number of workers was Central Luzon with 4,790 workers (12.5%). (Table 3)

The section recorded an average of 35 workers per establishment in 2020. This number represents a decrease of -12.5 percent from the reported 40 workers per establishment in 2019. (Tables A and 2)

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Waste collection posted the highest average of 79 workers per establishment among industry groups, followed by waste treatment and disposal with an average of 38 workers per establishment. (Table 2)

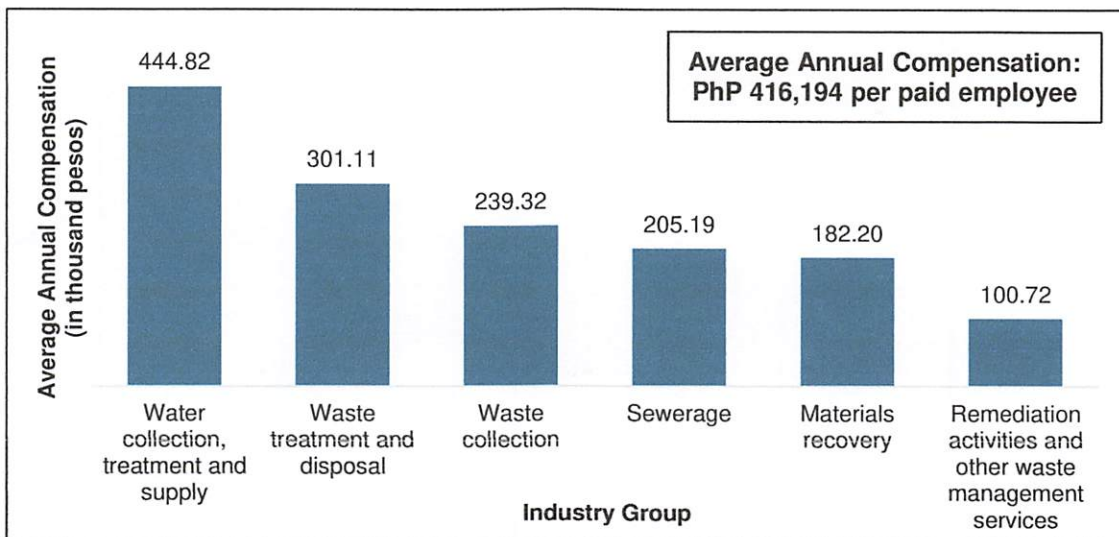
Meanwhile, among regions, NCR recorded the highest average of 86 workers per establishment. Northern Mindanao followed with 54 workers per establishment. (Table 4)

**Water collection, treatment and supply industry group paid the highest average annual compensation**

The total compensation paid to employees of the section in 2020 amounted to PhP 15.83 billion, which translates to an average annual compensation of PhP 416.19 thousand per paid employee. This was higher by 14.6 percent than the recorded average annual compensation of PhP 363.27 thousand per paid employee in 2019. (Tables A, 1, and 2)

Among industries, water collection, treatment and supply paid the highest average annual compensation of PhP 444.82 thousand per paid employee in 2020. It was also the only industry group with average annual compensation higher than the national figure. This was followed by waste treatment and disposal, and waste collection with average annual compensation per paid employee of PhP 301.11 thousand and PhP 239.32 thousand, respectively. On the other hand, remediation activities and other waste management services paid the lowest at PhP 100.72 thousand per paid employee. (Figure 3 and Table 2)

Figure 3. Average Annual Compensation of Paid Employees for Water Supply; Sewerage, Waste Management and Remediation Activities Section by Industry Group: Philippines, 2020



Source: Philippine Statistics Authority, 2020 ASPBI (Final Results)

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At the regional level, employees in NCR received the highest average annual pay of PhP 749.39 thousand per paid employee. This was followed by employees in Zamboanga Peninsula and the Cordillera Administrative Region (CAR), with an average annual compensation of PhP 417.98 thousand per paid employee and PhP 415.37 thousand per paid employee, respectively. Meanwhile, employees in ARMM received the lowest average annual compensation of PhP 216.82 thousand per paid employee. (Table 4)

### **Water collection, treatment and supply industry group contributed the highest share to total revenue and total expense**

In 2020, total revenue generated by the section reached PhP 108.62 billion, indicating a decrease of -13.4 percent from the PhP 125.49 billion reported revenue in 2019. Meanwhile, the total expense incurred by the section in 2020 reached PhP 86.02 billion, which shows a decrease of -14.2 percent from the PhP 100.30 billion total expense in 2019. (Tables A and 1)

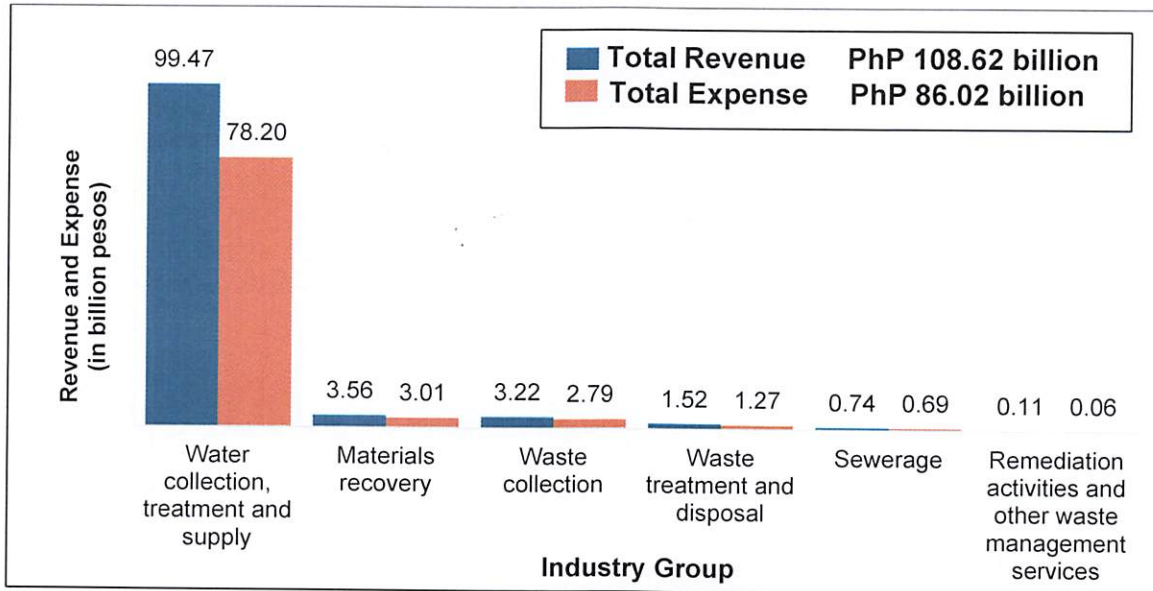
Among industry groups, water collection, treatment and supply, which amounted to PhP 99.47 billion (91.6%), accounted for the largest share to the total revenue generated by the section in 2020. On the other hand, remediation activities and other waste management services generated the lowest revenue of PhP 0.11 billion (0.1%).

In terms of incurred total expense in 2020, water collection, treatment and supply industry also spent the highest among industry groups with PhP 78.20 billion (90.9%). Remediation activities and other waste management services industry group, in contrast, spent the lowest total expense with PhP 0.06 billion. (Figure 4 and Table 1)

At the regional level, more than half (57.6%) or PhP 62.55 billion of the section's total revenue was contributed by NCR. CALABARZON and Central Luzon placed second and third with total revenue of PhP 11.83 billion (10.9%) and PhP 10.09 billion (9.3%), respectively.

The top three regions in terms of revenue were also the top regions in terms of incurred total expense, with combined shares of PhP 65.28 billion or 75.9 percent of the total. NCR spent PhP 47.43 billion (55.1%), followed by CALABARZON with PhP 9.72 billion (11.3%), and Central Luzon with PhP 8.13 billion (9.5%). (Table 3)

Figure 4. Total Revenue and Total Expense for Water Supply; Sewerage, Waste Management and Remediation Activities Section by Industry Group: Philippines, 2020



Source: Philippine Statistics Authority, 2020 ASPBI (Final Results)

### Remediation activities and other waste management services industry group recorded the highest return

The revenue per expense ratio for the section was recorded at 1.26 in 2020. This ratio indicates that for every peso spent, the section generated a corresponding revenue of PhP 1.26. Compared with the revenue per peso expense of 1.25 in 2019, the revenue per expense ratio in 2020 increased by 0.8 percent. (Tables A and 2)

Among industry groups, remediation activities and other waste management services recorded the highest revenue per expense ratio at 1.81. This was followed by water collection, treatment and supply with generated revenue per expense ratio of 1.27. These two industry groups surpassed the revenue-expense ratio for the section of 1.26. (Table 2)

Among regions, Eastern Visayas registered the highest return with revenue per peso expense ratio of 1.53. NCR ranked second with revenue per peso expense ratio of 1.32. Ilocos Region and Cagayan Valley ranked third, both with revenue per peso expense ratio of 1.31. (Table 4)

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## **Government granted the section with PhP 178.72 million worth of subsidies**

Subsidies are grants received from the government in the form of financial assistance or tax exemption to aid and develop an industry. The total subsidies granted by the government to support the business operations of the water supply; sewerage, waste management and remediation activities section in 2020 amounted to PhP 178.72 million, posting a decline of -27.6 percent from the PhP 246.89 million subsidies granted in 2019. (Tables A and 1)

From the six industry groups of the section, only three received subsidies from the government. The highest subsidies was granted to water collection, treatment and supply with PhP 157.14 million (87.9%). The other industry groups that received subsidies were materials recovery and sewerage with PhP 21.37 million (12.0%) and PhP 0.21 million (0.1%), respectively. (Table 1)

Region-wise, 12 out of the 17 regions in the country were granted subsidies by the government, the highest of which was recorded in ARMM with PhP 34.99 million (19.6%). Western Visayas and Caraga followed with PhP 30.12 million (16.9%) and PhP 28.89 million (16.2%), respectively. (Table 3)



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