



SPECIAL RELEASE

2021 Annual Survey of Philippine Business and Industry Water Supply; Sewerage, Waste Management and Remediation Activities Section Final Results

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Table A. Comparative Summary Statistics for Water Supply; Sewerage,
Waste Management and Remediation Activities Section
Philippines, 2020 and 2021

Particulars	2020 ^f	2021 ^f	Growth Rate (%)
Total Number of Establishments	1,102	1,142	3.6
Total Employment	38,333	40,717	6.2
Average Number of Workers per Establishment	35	36	2.9
Total Compensation (in thousand pesos)	15,826,194	16,574,624	4.7
Average Annual Compensation per Paid Employee (in pesos)	416,194	411,434	(1.1)
Total Revenue (in thousand pesos)	108,620,156	122,916,053	13.2
Total Expense (in thousand pesos)	86,024,820	102,901,689	19.6
Revenue per Expense Ratio	1.26	1.19	(5.6)

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

f – final

() – negative value

Source: Philippine Statistics Authority, 2020 and 2021 ASPBI (Final Results)



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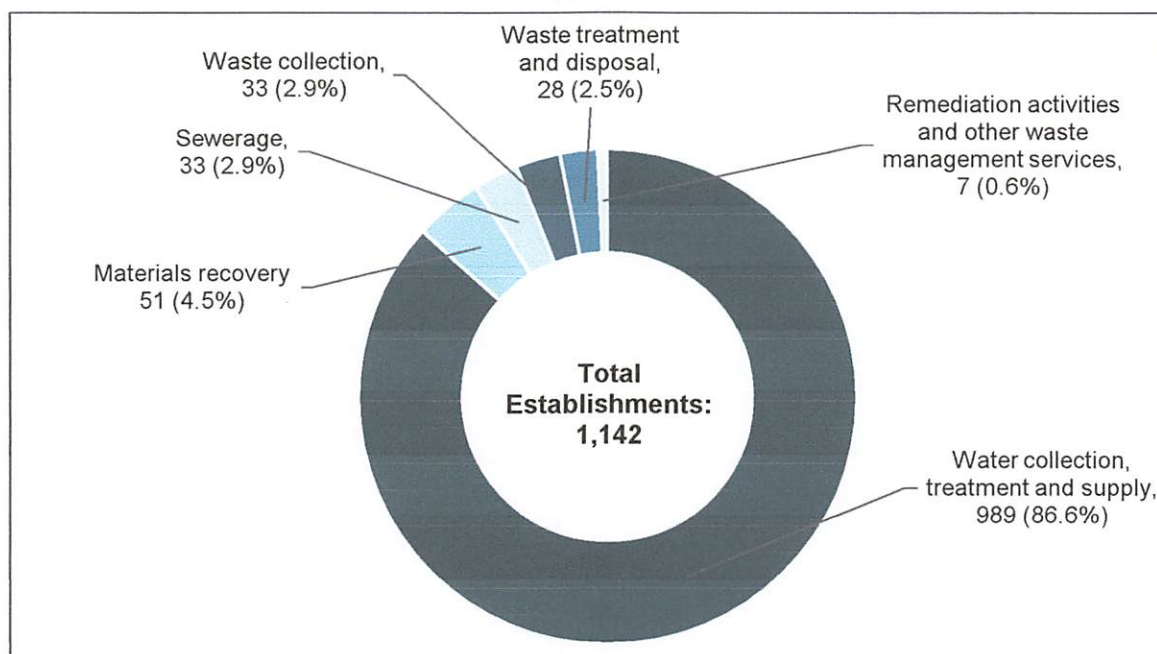
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Water collection, treatment and supply industry group dominated in terms of number of establishments

The 2021 Annual Survey of Philippine Business and Industry (ASPBI) final results showed that a total of 1,142 establishments in the formal sector of the economy were engaged in water supply; sewerage, waste management and remediation activities. This represents a 3.6 percent increase from the 1,102 establishments reported in 2020. (Tables A and 1)

Among industry groups, water collection, treatment and supply recorded the highest number of 989 establishments (86.6%). Materials recovery ranked second with 51 establishments (4.5%). On the other hand, remediation activities and other waste management services recorded the least number of seven establishments (0.6%). (Figure 1 and Table 1)

Figure 1. Distribution of Establishments Under Water Supply; Sewerage, Waste Management and Remediation Activities Section by Industry Group
Philippines, 2021



Note: Details may not add up to total due to rounding
Source: Philippine Statistics Authority, 2021 ASPBI (Final Results)

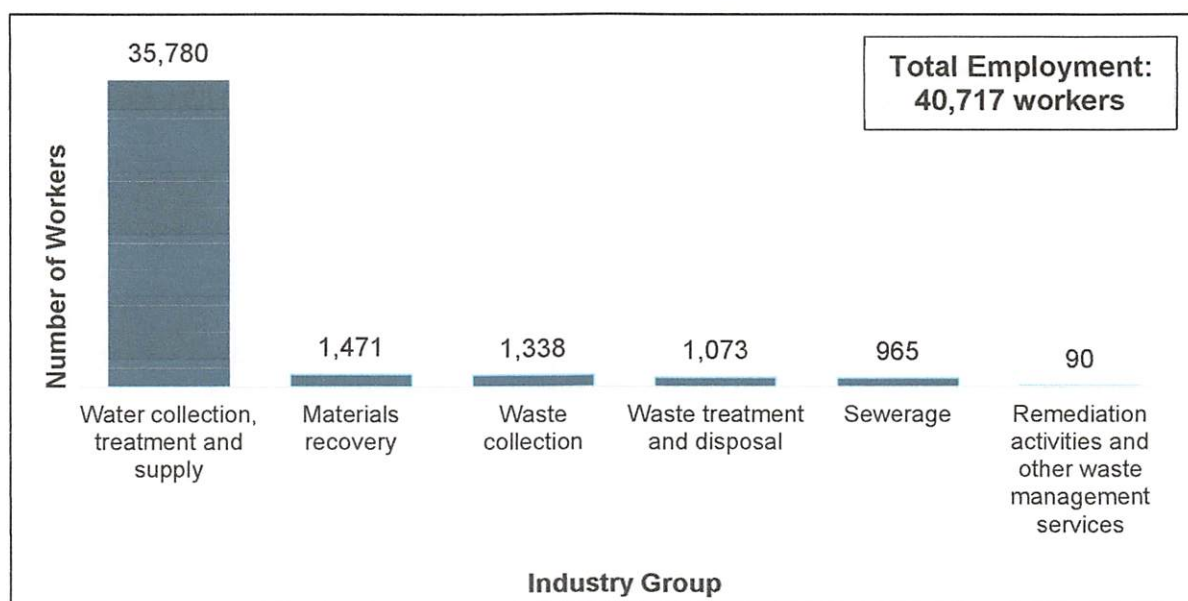
Among regions, CALABARZON reported the highest number of 198 establishments (17.3%). Central Luzon and Central Visayas ranked second and third with 182 establishments (15.9%) and 131 establishments (11.5%), respectively. On the other hand, Bangsamoro Autonomous Region in Muslim Mindanao (BARMM) recorded the lowest count of six establishments (0.5%). (Table 3)

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

The section's total employment in 2021 was estimated at 40,717 workers, indicating an increase of 6.2 percent from the 38,333 workers in 2020. Of the total employment in 2021, 40,285 workers (98.9%) 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, was also the top industry in terms of number of workers in 2021. It employed a total of 35,780 workers or 87.9 percent of the total employment for the section. On the other hand, remediation activities and other waste management services had the lowest number of 90 workers (0.2%). (Figure 2 and Table 1)

Figure 2. Distribution of Employment for Water Supply; Sewerage, Waste Management and Remediation Activities Section by Industry Group: Philippines, 2021



Source: Philippine Statistics Authority, 2021 ASPBI (Final Results)

By region, CALABARZON employed the highest number of 6,771 workers or 16.6 percent of the total for the section. This was followed by Central Luzon with 5,667 workers (13.9%) and National Capital Region (NCR) with 5,444 workers (13.4%). (Table 3)

The section recorded an average employment of 36 workers per establishment in 2021. This represents an increase of 2.9 percent from the reported 35 workers per establishment in 2020. (Tables A and 2)

Waste collection posted the highest average employment of 41 workers per establishment among industry groups, followed by waste treatment and disposal with an average employment of 38 workers per establishment. (Table 2)

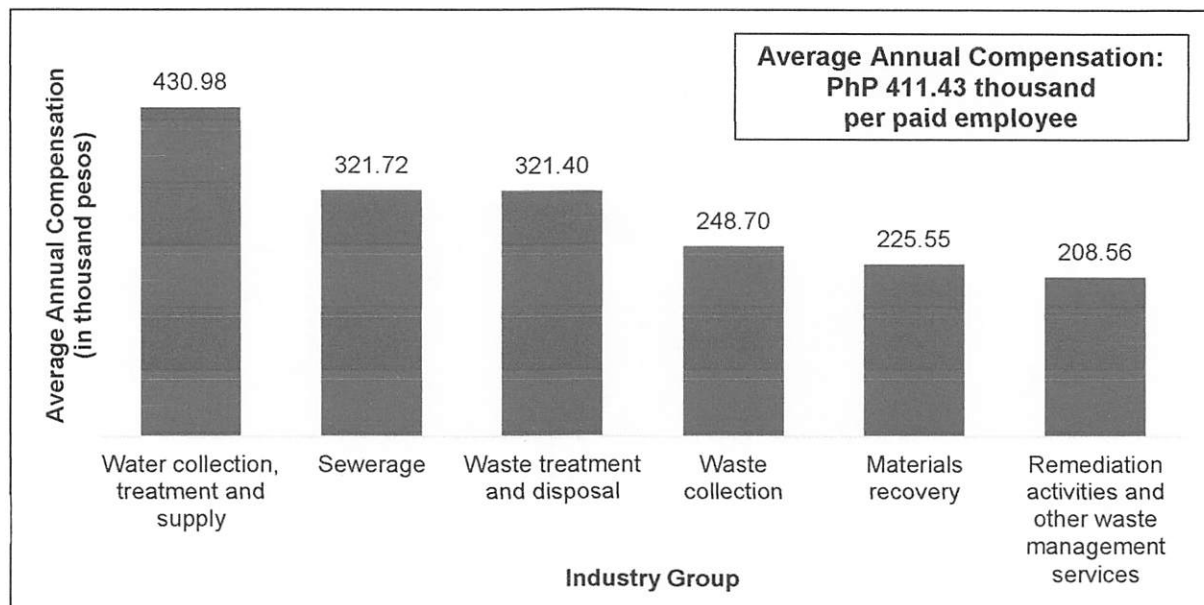
Meanwhile, among regions, NCR recorded the highest average employment of 77 workers per establishment. BARMM followed with 71 workers per establishment. (Table 4)

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

The total compensation paid to employees of the section in 2021 amounted to PhP 16.57 billion, which translates to an average annual compensation of PhP 411.43 thousand per paid employee. This shows a decline of -1.1 percent from the recorded average annual compensation of PhP 416.19 thousand per paid employee in 2020. (Tables A, 1, and 2)

Among industry groups, water collection, treatment and supply paid the highest average annual compensation of PhP 430.98 thousand per paid employee in 2021. It was also the only industry group that paid average annual compensation higher than the national figure. Sewerage and waste treatment and disposal placed second and third with average annual compensation per paid employee of PhP 321.72 thousand and PhP 321.40 thousand, respectively. On the other hand, remediation activities and other waste management services paid the lowest at PhP 208.56 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, 2021



Source: Philippine Statistics Authority, 2021 ASPBI (Final Results)

At the regional level, employees in NCR received the highest average annual pay of PhP 926.55 thousand per paid employee. This was followed by employees in the Cordillera Administrative Region (CAR) and BARMM with average annual compensation per paid employee of PhP 470.48 thousand and PhP 440.48 thousand, respectively. Meanwhile, employees in Davao Region received the lowest average annual compensation of PhP 269.47 thousand per paid employee. (Table 4)

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

In 2021, the total revenue generated by the section reached PhP 122.92 billion, indicating an increase of 13.2 percent from the PhP 108.62 billion reported revenue in 2020. Meanwhile, the total expense incurred by the section in 2021 reached PhP 102.90 billion, which shows an increase of 19.6 percent from the PhP 86.02 billion total expense in 2020. (Tables A and 1)

Among industry groups, water collection, treatment and supply accounted for the largest share to the total revenue generated by the section in 2021, which amounted to PhP 111.91 billion (91.0%). On the other hand,

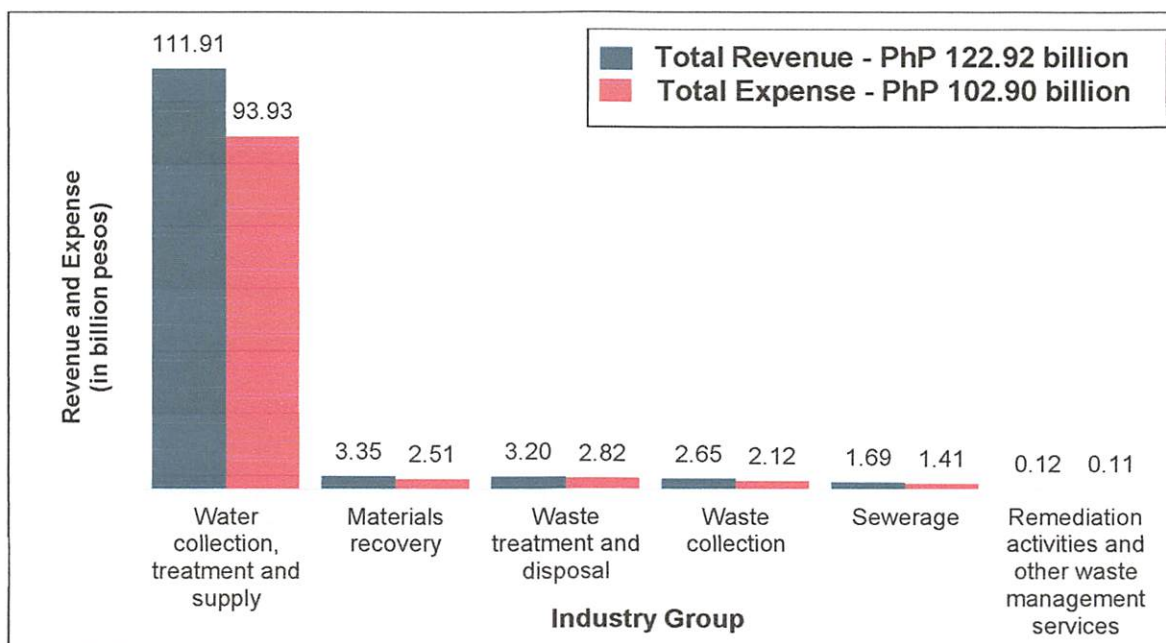
remediation activities and other waste management services generated the lowest revenue of PhP 0.12 billion (0.1%).

In terms of incurred total expense in 2021, water collection, treatment and supply also spent the highest among industry groups with PhP 93.93 billion (91.3%). In contrast, remediation activities and other waste management services industry group spent the lowest total expense of PhP 0.11 billion (0.1%). (Figure 4 and Table 1)

At the regional level, NCR contributed PhP 69.78 billion or more than half (56.8%) of the section’s total revenue. Central Luzon and CALABARZON placed second and third with total revenue of PhP 14.01 billion (11.4%) and PhP 12.50 billion (10.2%), 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 79.47 billion or 77.2 percent of the total. NCR spent PhP 57.82 billion (56.2%), followed by Central Luzon with PhP 11.49 billion (11.2%), and CALABARZON with PhP 10.16 billion (9.9%). (Table 3)

Figure 4. Total Revenue and Total Expense for Water Supply; Sewerage, Waste Management and Remediation Activities Section by Industry Group: Philippines, 2021



Source: Philippine Statistics Authority, 2021 ASPBI (Final Results)

Materials recovery industry group recorded the highest return

The revenue per expense ratio for the section was recorded at 1.19 in 2021. This ratio indicates that for every peso spent, the section generated a corresponding revenue of PhP 1.19. Compared with the revenue per peso expense ratio of 1.26 in 2020, the revenue per expense ratio in 2021 recorded a decrease of -5.6 percent. (Tables A and 2)

Among industry groups, materials recovery recorded the highest revenue per expense ratio at 1.33. On the other hand, waste treatment and disposal recorded the lowest return with revenue per expense ratio of 1.13. (Table 2)

Among regions, Ilocos Region registered the highest return with revenue per peso expense ratio of 1.44. This was followed by Eastern Visayas and CALABARZON with revenue per peso expense ratio of 1.26 and 1.23, respectively. (Table 4)


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