



TRENDS

in Agricultural

WAGE RATES

2016-2018



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FOREWORD

The “Trends in Agricultural Wage Rates” is an annual publication of the Philippine Statistics Authority (PSA). It contains the results of the 2018 Agricultural Wage Rate Survey (AWRS).

The wage rate statistics are disaggregated at the national and regional levels and are presented by type of labor i.e. man-labor, man-animal and man-machine, by farm activity and by basis of payment. This report also includes information on labor utilization per hectare by crop and extent of women’s participation in farming activities.

The PSA also welcome comments and suggestions from data users and stakeholders for further improvement of this report.

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Undersecretary

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Quezon City, Philippines
October 2019

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TECHNICAL NOTES

1. The AWRS for palay and corn are conducted semi-annually in the months of January and July with reference periods July to December of the previous year and January to June of the current year, respectively. The results are consolidated on an annual basis. The surveys for coconut and sugarcane are done annually in the month of January and the reference period is January to December of the previous year.

AWRS employs quota sampling design. The statistical unit is the household that hired farm workers during the reference period. For palay and corn, sample sizes are set at 20 for major producing provinces and 15 for minor producing provinces. For coconut and sugarcane, sample sizes are set at 15.

2. Various types of arrangements are being practiced in the payment of wages in agriculture. These are referred to as "basis of payment" in this report. Wages by "basis of payment" may take the following forms: prevailing daily wage rate, wage per hectare or wage per sack. Wages can also be paid according to the stipulation in a contract or verbal agreement. Depending on the contract or agreement between the operator and the farm laborer, the latter may perform one or more farming activities for an agreed amount.

Farm operators may pay laborers based on either number of rows covered or number of bundles or pieces of input/output handled.

Sharing arrangements between the operator and the laborer are likewise observed. An example of this would be a 70:30 percent sharing in the production. The quantity involved in the arrangement is converted to cash equivalent by multiplying the quantity shared by the prevailing farmgate price of the produce.

Whatever mode of payment is employed, this is translated into average wage rate per day to allow wage rates comparisons.

3. Wages paid in cash or in kind are converted into daily wage rate equivalents using the reported mandays and total wages paid to farm workers.

Cash payment - refers to the actual amount of cash paid according to the agreed basis of payment.

Payment in kind - refers to the peso equivalent of the quantity of production paid for the work done.

4. Number of mandays per hectare is derived as follows:

$$\text{Mandays per hectare} = \frac{\text{Mandays of labor}}{\text{Area Planted/Harvested}}$$

where:

Mandays of labor

$$= \frac{(\text{Number of Hired Laborers}) \times (\text{Number of Days}) \times (\text{Number of Hours Worked per Day})}{8 \text{ Hours}}$$

5. Type of labor distinguishes farm activities done by man, man-animal, man-machine or combination of man, animal and machine labor.
6. Source of labor takes into account the type of worker who participates or renders services in the farm operation. This includes operator, family, and hired labor.
7. The report differentiates nominal from real wage rate. Nominal wage rate is the amount of wage a farm worker actually received and is measured at current prices.

Nominal Wage Rate for Palay and Corn Farm Workers - is the average nominal wage rate for palay and corn farm workers during two reference periods (January-June and July-December) in a given reference year. This is computed as follows:

$$NWR_t = \frac{\text{Total Wage Paid JJ} + \text{Total Wage Paid JD}}{\text{Mandays JJ} + \text{Mandays JD}}$$

where:

NWR_t = Nominal wage rate of the given year

JJ = January to June period

JD = July to December period

Real Wage Rate - is the nominal or money wage deflated by the consumer price index and is computed as:

$$RWR_t = \frac{NWR_t}{CPI_t} \times 100\%$$

where:

RWR_t = Real wage rate of the given year

NWR_t = Nominal wage rate of the given year

CPI_t = Consumer price index of the given year

8. **Nominal Wage Rate Indices (NWRI)** - refer to the ratio of nominal wage rate of a given reference year to the nominal wage rate of the base year (2012) expressed in percent.

Real Wage Rate Indices (RWRI) - refer to the ratio of real wage rate of a given reference year to the nominal wage rate of the base year (2012) expressed in percent.

These indices are computed by using the formula:

$$WRI = \frac{WR_t}{WR_o} \times 100\%$$

where:

WR_t = wage rate of a given year

WR_o = wage rate of the base year

9. To arrive at the composite agricultural wage rate, wage relatives by sector or commodity are multiplied by the corresponding weights. For purposes of establishing agricultural wage rate, farm parcels used in the production of palay, corn, coconut and sugarcane obtained from the 2012 Census of Agriculture (CA) are considered in the computation of weights. Thus:

$$q_i = \frac{n_i}{N}$$

where:

q_i = computed weight for the i^{th} crop

$$i = \begin{cases} p, \text{palay} \\ c, \text{corn} \\ cn, \text{coconut} \\ s, \text{sugarcane} \end{cases}$$

n_i = number of farm parcels for the i^{th} crop

N = total number of farm parcels for the four crops

$$WR_A = \Sigma q_i WR_i$$

Note that: $\Sigma q_i = q_p + q_c + q_{cn} + q_s$

where:

$WR_A = Agricultural Wage Rate$

$WR = Wage Rate$

$$i = \left\{ \begin{array}{c} Palay \\ Corn \\ Coconut \\ Sugarcane \end{array} \right\}$$

10. Blank spaces in cells in the statistical tables indicate that there is no report for a particular data item.
11. Data on mandays may not add up to total due to rounding off of figures.

INFOGRAPHICS

HIGHLIGHTS OF THE FINDINGS

Wage Rate Indices

(Tables 1 - 5)

- In 2018, the national nominal wage rate index in agriculture increased to 138.60 percent. This means that the wage rate received by agricultural workers in 2018 was higher by 38.60 index points from the 2012 wage rate. Across regions, Bicol Region recorded the biggest wage rate index of 160.70 percent or a wage gain of 60.70 index points in 2018 from the base year record. Davao Region was next with 51.30 index point increase. Central Luzon and Cagayan Valley had the lowest wage increments at 10.70 index points and 14.70 index points, respectively.
- The nominal wage rate of palay farm workers in 2018 was 31.20 index points higher compared to the 2012 record. For corn farm workers, wage rate was up by 39.00 index points. The wage gain of coconut farm workers was 50.60 index points while sugarcane farm workers had 28.10 index point increment.
- In real terms, the national agricultural wage rate index in 2018 was estimated at 118.30 percent, which means that real wage rate in 2018 was above 2012 record by 18.30 index points. Except for Cagayan Valley and Central Luzon, all regions recorded real wage rate indices above 100 percent. The highest real wage rate index was noted in Bicol Region at 136.40 percent or a real wage increase of 36.40 index points. This was followed by Davao Region at 128.20 percent and MIMAROPA Region at 126.80 percent. Meanwhile, the lowest indices were recorded in Ilocos Region at 104.20 percent and Northern Mindanao at 106.50 percent.
- In 2018, the real wage rate of palay farm workers went up by 12.00 index points and that of corn farm workers by 18.70 index points from the 2012 records. For coconut farm workers, the real wage increment was 28.60 index points. Sugarcane farm workers received the lowest wage gain at 9.40 index points.

Male and Female Wage Rates

(Table 6 - 25)

- At the national level, the agricultural workers in 2018 were paid an average nominal wage rate of PhP 306.28 per day. Male farm laborers were paid at PhP 310.16 per day which was PhP 24.65 higher than what was paid to their female counterpart at PhP 285.51 per day. By region, CALABARZON reported the highest nominal wage rate at PhP 373.92 per day while Northern Mindanao recorded the lowest at PhP 259.36 per day. CALABARZON, likewise, registered the highest daily wage rates for the males and the females at PhP 373.82 and PhP 376.84, respectively. In contrast, the lowest payment for the males was noted in Northern

Mindanao at PhP 260.77 per day. The females got the least payment in Central Visayas at PhP 237.14 per day. The daily wage rate differential between the male and female farm workers was wider in MIMAROPA at PhP 115.04.

- The nominal wage rate per day of palay farm workers averaged PhP 324.81 in 2018. The wage rates per day paid to male and female farm laborers corresponded to PhP 329.86 and PhP 300.36 with wage rate differential of PhP 29.50. At the regional level, palay farm workers in CALABARZON received the highest wage rate at PhP 396.46 per day while the lowest wage rate was noted in ARMM at PhP 264.30 per day. For the male farm workers, MIMAROPA Region and CALABARZON had the highest daily nominal wage rates at PhP 409.86 and PhP 396.36, respectively. The female farm workers in CALABARZON and Caraga were paid the highest wage rates corresponding to PhP 397.04 per day and PhP 356.53 per day. On the other hand, the lowest daily nominal wage rates were registered in ARMM at PhP 264.12 for the males and in Central Visayas at PhP 252.94 for the females. The biggest male-female wage rate differential among regions was recorded in MIMAROPA Region at PhP 146.99 per day. In ARMM, the wage differential was high at PhP 4.58 per day in favor of the female farm workers.
- In 2018, the nominal wage rate of corn farm laborers averaged PhP 264.29 per day. The wage rate of male farm laborers was PhP 269.23 per day, higher by PhP 19.53 compared to the wage rate of the female farm workers at PhP 249.70 per day. Across regions, the daily nominal wage rate was biggest in CALABARZON at PhP 358.46 and it was lowest in Northern Mindanao at PhP 224.53. Specifically, CALABARZON registered the highest wage rates per day both for the males and females at PhP 357.54 and PhP 361.63, respectively. The least daily wage rates were recorded in Northern Mindanao for the males at PhP 224.82 and in Zamboanga Peninsula for the females at PhP 220.55. Wage rate differential was wider in Ilocos Region at PhP 49.47 per day. Eastern Visayas recorded higher wage rate differential in favor of the females at PhP 30.23 per day.
- The nominal wage rate of coconut farm laborers averaged PhP 317.27 per day in 2018. Male farm laborers received PhP 317.62 per day. This was PhP 20.64 more than the payment given to the female farm laborers at PhP 296.98 per day. Among regions, Cagayan Valley recorded the biggest wage rate at PhP 389.76 for the male farm laborers. The lowest wage rate was noted in Zamboanga Peninsula where the males received PhP 261.08 per day. For the female farm laborers, Davao Region posted the biggest wage rate at PhP 372.76 per day while the least was in Central Visayas at PhP 211.90 per day. The daily male-female wage rate differential was wider in Caraga at PhP 104.47. In Davao Region, the females were paid higher by PhP 73.82 per day than their male counterpart.

- In sugarcane farms, the daily nominal wage rate averaged PhP 273.38 in 2018. The wage rate of male farm workers at PhP 276.15 per day was up by PhP 19.90 from the wage rate of female farm workers at PhP 256.25 per day. By region, Davao Region had the biggest daily wage rate at PhP 363.27 for the male farm workers. Meanwhile, lower wage rate was reported in Eastern Visayas at an average of PhP 255.78 per day. The region posted the lowest wage rate for the males at PhP 254.97 per day. For the female farm workers, Ilocos Region topped with a wage rate at PhP 350.00 per day while the least was noted in Northern Mindanao at PhP 202.88 per day. In terms of male-female wage rate differential, it was wider in Northern Mindanao at PhP 91.25 per day. Wage rate differential of about PhP 13.00 per day in favor of the females was reported in Ilocos Region and Eastern Visayas.
- In real terms, the country's daily wage rate of agricultural workers in 2018 was estimated at an average of PhP 274.69. Specifically, the wage rates per day received by male and female farm laborers corresponded to PhP 278.17 and PhP 256.06 which resulted to wage differential of PhP 22.11. At the regional level, CALABARZON and MIMAROPA Region topped with real wage rates at PhP 339.93 and PhP 316.09 per day, respectively. In CALABARZON, the wage rates per day for the males and females were highest at PhP 339.84 and PhP 342.58. Meanwhile, farm workers in Northern Mindanao received the least wage rate at PhP 224.55 per day. In terms of regional wage differential, MIMAROPA Region posted the widest gap between male and female farm workers at PhP 102.80. The region's daily real wage rates were PhP 333.91 for the males and PhP 231.11 for the females.
- In particular, palay farm laborers reported the highest real wage rate at PhP 277.38 per day in 2018. Laborers in coconut farms were paid at PhP 270.94 per day while those in sugarcane farms received PhP 233.46 per day. Meanwhile, corn farm laborers had the least real wage rate at PhP 225.70 per day. The daily real wage rate differentials were PhP 25.19 in palay farms, PhP 17.62 in coconut farms, PhP 17.00 in sugarcane farms and PhP 16.67 in corn farms with male farm workers receiving higher payment than the female farm workers.

Average Daily Wage Rate for Man-Labor by Basis of Payment

(Tables 26 - 30)

- At the national level, the wage rate received by agricultural workers in 2018 on a daily basis averaged PhP 280.17. Among regions, CALABARZON registered the highest wage rate at PhP 359.24 per day and Zamboanga Peninsula, the lowest at PhP 220.95 per day.

- In terms of wage rate per hectare, farm workers were paid an average of PhP 313.19 per day. At the regional level, farm workers in CAR got the biggest daily wage rate at PhP 523.98. The least wage rates were noted in Northern Mindanao and Zamboanga Peninsula at PhP 252.48 and PhP 242.65 per day, respectively.
- On a per sack basis, the average wage rate of farm laborers was PhP 294.80 per day. This ranged from as low as PhP 230.65 per day in Central Visayas to as high as PhP 372.54 per day in Central Luzon.
- By contract payment, the daily wage rate of agricultural laborers averaged PhP 316.60 nationwide. Across regions, the highest wage rate at PhP 401.61 per day was given as payment to agricultural laborers in Ilocos Region. In contrast, farm workers in Zamboanga Peninsula received the lowest daily wage rate at PhP 263.63.
- Farm workers across the country received an average wage rate of PhP 331.37 per day based on sharing arrangement. At the regional level, a high wage rate of PhP 523.11 per day was paid to farm workers in MIMAROPA Region. Those in Northern Mindanao received the least at PhP 253.18 per day.
- At the national level, palay farm workers received the highest wage rate at PhP 374.88 per day when payment was in terms of sharing arrangement. The highest daily wage rates given to corn and sugarcane farm workers were payments on per hectare basis at PhP 332.29 and PhP 317.34, respectively. Meanwhile, the wage rate of coconut farm workers was biggest at PhP 329.22 per day when paid on a contract basis.

Average Daily Wage Rate for All Types of Labor by Basis of Payment

(Tables 31 - 35)

- Countrywide, the agricultural wage rates for all types of labor (man, man-animal, man-machine and man-animal-machine) averaged PhP 426.04 per day. At the regional level, the highest daily wage rate was reported in Central Luzon at PhP 674.18 and the lowest was noted in Eastern Visayas at PhP 301.78.
- On the basis of payment, agricultural laborers got higher wage rate when paid on a per hectare basis at PhP 734.79 per day. The lowest wage rate at PhP 303.32 per day was received when payment was on a daily basis.
- Workers in palay and corn farms were given the highest daily wage rates at PhP 717.46 and PhP 1,210.33, respectively, when paid on a per hectare basis. Of the same basis of payment, sugarcane farm workers enjoyed higher wage rate at PhP 632.03 per day. Workers in coconut farms received higher wage rate at PhP 376.97 per day when payment was made on a per sack basis.

Average Daily Wage Rate by Farm Activity

(Tables 36 - 39)

- In palay farms, the highest paid activity was the combined harvesting and threshing employing man and machine labor with a wage rate at PhP 3,200.91 per day. Levelling involving man, animal and machine labor incurred the biggest wage rate at PhP 1,400.00 per day. Furrowing activity performed by man and animal labor was paid higher at PhP 700.00 per day. Among the activities done by man labor alone, threshing recorded the highest wage rate at PhP 381.31 per day.
- Among the activities in corn farming, the biggest wage rates using man and machine labor were reported in rotavating at PhP 6,968.55 per day and combined harvesting and shelling at PhP 5,169.63 per day. Land preparation performed by man and animal was paid higher at PhP 759.11 per day. For activities done by man labor only, mending/care of seedlings had the biggest payment at PhP 2,352.00 per day.
- In coconut farms, hauling was the highest paid activity when performed by man, animal and machine labor at PhP 3,200.00 per day and by man and machine labor at PhP 1,352.78 per day and by man and animal labor at PhP 633.70 per day. The wage rate for harvesting done by man labor alone was higher at PhP 372.98 per day.
- Plowing was given the highest payment in sugarcane farms utilizing the services of man and machine at PhP 2,957.12. The combined man and animal labor was provided with bigger wage rates in the following activities such as hilling-up, furrowing, harrowing, off-barring, hauling and plowing ranging from PhP 577.81 to PhP 664.62 per day. With man labor alone, harrowing was the highest paid activity at PhP 551.58 per day.

Average Labor Utilization by Source

(Tables 40 - 51)

- Nationwide, the average labor utilization in palay farms was 40.38 mandays per hectare. This was 36.45 mandays per hectare in corn farms. Higher labor requirement at 55.46 mandays per hectare was utilized in sugarcane farms. The least labor input was noted in coconut farms at 21.00 mandays per hectare.
- Majority of palay farm laborers at 85.51 percent were males and 14.49 percent were females. By source of labor, about 73.54 percent were provided by hired labor while family labor and operator labor accounted for 11.94 percent and 14.51 percent, respectively. In palay farming, planting / broadcasting / direct seeding / transplanting was the most labor intensive activity requiring 7.57 mandays per hectare. This was followed by harvesting at 6.97 mandays per hectare.

- In corn farms, the male workers comprised 78.51 percent and the female workers shared 21.49 percent. Hired farm workers constituted 67.85 percent of the total labor inputs. Family labor and operator labor accounted for 17.31 percent and 14.85 percent, respectively. Across farm activities, harvesting had the biggest labor usage at 8.90 mandays per hectare, followed by care of crops utilizing 6.02 mandays per hectare.
- Coconut farms were dominated by male workers at 95.49 percent and the rest at 4.51 percent were female workers. Hired farm workers were the major source of labor as they accounted for 74.03 percent in the total number of mandays. The remaining came from family labor at 16.07 percent and operator labor at 9.90 percent. Higher labor requirements per hectare were noted in harvesting at 4.34 mandays and gathering/piling of nuts at 2.63 mandays.
- About 87.97 percent of the farm workers in sugarcane farms were males and 12.03 percent were females. The bulk of the labor inputs comprised the hired workers at 95.91 percent and the rest at 4.08 percent were operator and family labor. In sugarcane farming, the most labor intensive activities were harvesting utilizing 23.03 mandays per hectare and hauling requiring 8.96 mandays per hectare.

Distribution of Hired Workers by Terms of Payment

(Table 52)

- Nationwide, majority of the hired agricultural workers at 79.51 percent received cash payment while 20.36 percent were paid in kind. Among those who were paid on cash basis, 66.48 percent were males and 13.04 percent were females. At the regional level, ARMM had the biggest percentage of hired workers who received cash payment at 93.76 percent. Those paid in kind were higher in Central Visayas at 40.26 percent and Western Visayas at 36.29 percent.
- In palay farms, about 71.07 percent of the hired farm workers were paid in cash. These workers comprised 59.27 percent who were males and 11.80 percent who were females. Workers who received in kind payment were 28.81 percent. At the regional level, about 86.14 percent of the palay farm workers in ARMM received wages in cash. The proportions of those paid in kind were higher in Central Visayas at 54.88 percent and Western Visayas at 53.81 percent.
- There were 89.34 percent of the hired workers in corn farms who received cash payments. About 71.64 percent of the workers represented the males while 17.70 percent constituted the females. Laborers who were paid in kind comprised 10.47 percent. Across regions, about 90.33 percent to 99.95 percent of the farm workers in CAR, Ilocos Region, Cagayan Valley, Central Luzon, CALABARZON, MIMAROPA Region, SOCCSKSARGEN, Caraga and ARMM received wages in cash. Those paid in kind had bigger proportion in Central Visayas at 48.83 percent.

- Among the hired workers in coconut farms, about 92.18 percent were paid on a cash basis while 7.82 percent received in kind payment. Those receiving cash payments were dominated by males at 90.54 percent while only 1.64 percent were females. By region, all coconut farm laborers in Ilocos Region, CALABARZON, MIMAROPA Region, Bicol Region, Zamboanga Peninsula, Davao Region and ARMM received cash payment. On the other hand, there were 70.95 percent in Cagayan Valley whose wages were paid in kind.
- In sugarcane farms, cash payment was received by 97.25 percent of the hired workers of which 84.63 percent were males and 12.61 percent were females. Hired workers paid in kind comprised 2.75 percent. Across regions, sugarcane farm workers whose payments were solely on cash basis were reported in Cagayan Valley, Central Luzon, CALABARZON, Bicol Region, Western Visayas, Central Visayas, Eastern Visayas, Northern Mindanao and Davao Region.

Women's Participation in Farming Activities

(Table 53)

- The participation of women in palay farming was highest in pulling and bundling of seedlings as reported by 40.60 percent of the farm households. Female labor in planting / broadcasting / direct seeding and harvesting was noted by 24.46 percent and 22.45 percent, respectively. About 10.81 percent of the farm households hired female workers in winnowing / blowing.
- The services of female workers in corn farms were mostly visible in planting / broadcasting / direct seeding / replanting, harvesting and detasseling of corn. These were mentioned by 35.58 percent to 39.77 percent of the farm households. Meanwhile, women involvement was also high in the care of crops with 13.41 percent reporting.
- In coconut farms, the percentages of farm households reporting the employment of females were high in the removal of coconut meat at 8.05 percent, splitting of nuts at 6.00 percent and gathering / piling of nuts at 5.69 percent.
- Female workers in sugarcane farms had active participation in the cutting of planting materials and planting as reported by 37.50 percent and 35.29 percent of the farm households, respectively. Hiring of women was highly observed in the care of crops as cited by 19.45 percent and in harvesting by 15.38 percent.

STATISTICAL TABLES

Table 1. Agriculture: Wage rate index by region, Philippines, 2016-2018

(2012=100)

REGION	AVERAGE WAGE RATE PER DAY (PhP) 2012	NOMINAL WAGE RATE INDEX (%)			REAL WAGE RATE INDEX (%)		
		2016	2017	2018	2016	2017	2018
PHILIPPINES	221.02	124.90	126.90	138.60	115.20	113.80	118.30
CAR	230.70	123.10	115.90	129.10	112.10	103.60	111.40
Ilocos Region	286.53	114.90	108.50	120.90	107.00	99.00	104.20
Cagayan Valley	256.85	128.10	109.10	114.70	116.80	97.00	96.90
Central Luzon	307.36	122.50	116.10	110.70	113.00	103.80	96.00
CALABARZON	276.45	118.10	133.90	135.30	110.50	121.70	117.40
MIMAROPA Region	237.67	116.10	124.60	148.80	106.00	111.30	126.80
Bicol Region	202.60	132.20	132.20	160.70	121.40	119.90	136.40
Western Visayas	206.62	118.60	132.00	143.50	107.70	117.70	120.90
Central Visayas	178.22	129.90	133.00	146.00	115.50	115.40	120.10
Eastern Visayas	193.57	126.10	130.20	138.10	111.80	111.60	112.30
Zamboanga Peninsula	192.79	123.80	123.60	136.50	110.20	106.80	111.20
Northern Mindanao	200.51	116.30	123.40	129.40	103.70	106.80	106.50
Davao Region	195.17	129.60	137.00	151.30	119.60	122.60	128.20
SOCCKSARGEN	206.38	118.10	119.50	132.10	106.00	105.20	109.70
Caraga	232.43	132.40	135.20	144.30	119.60	119.80	122.90
ARMM	212.77	121.00	117.90	136.60	108.20	101.90	110.30

Table 2. Palay: Wage rate index by region, Philippines, 2016-2018

(2012=100)

REGION	AVERAGE WAGE RATE PER DAY (PhP) 2012	NOMINAL WAGE RATE INDEX (%)			REAL WAGE RATE INDEX (%)		
		2016	2017	2018	2016	2017	2018
PHILIPPINES	247.66	122.90	122.70	131.20	113.40	110.10	112.00
CAR	228.85	124.50	119.10	132.60	113.40	106.60	114.40
Ilocos Region	290.22	116.90	108.90	123.00	108.80	99.40	106.00
Cagayan Valley	281.06	139.90	114.80	113.70	127.50	102.20	96.00
Central Luzon	309.46	125.70	117.30	111.20	116.00	105.00	96.40
CALABARZON	304.21	112.20	127.70	130.30	105.00	116.10	113.10
MIMAROPA Region	256.15	116.10	119.90	148.80	106.00	107.20	126.70
Bicol Region	225.58	121.30	122.70	140.50	111.40	111.30	119.30
Western Visayas	216.01	119.60	129.70	140.90	108.60	115.60	118.70
Central Visayas	187.38	126.40	131.40	144.70	112.50	114.00	119.00
Eastern Visayas	185.79	133.20	138.20	150.80	118.10	118.50	122.60
Zamboanga Peninsula	234.68	116.60	115.90	127.80	103.80	100.20	104.00
Northern Mindanao	232.09	123.20	129.40	134.80	109.90	112.10	111.00
Davao Region	244.33	128.20	131.90	136.50	118.30	117.90	115.70
SOCCSKSARGEN	254.12	119.50	111.00	128.90	107.20	97.70	106.90
Caraga	258.39	125.70	136.40	137.10	113.60	120.90	116.80
ARMM	248.20	118.30	105.70	106.50	105.70	91.30	86.00

Table 3. Corn: Wage rate index by region, Philippines, 2016-2018

(2012=100)

REGION	AVERAGE WAGE RATE PER DAY (PhP) 2012	NOMINAL WAGE RATE INDEX (%)			REAL WAGE RATE INDEX (%)		
		2016	2017	2018	2016	2017	2018
PHILIPPINES	190.19	131.40	129.40	139.00	121.30	116.00	118.70
CAR	244.54	114.30	99.70	111.60	104.10	89.20	96.30
Ilocos Region	226.80	123.00	126.00	131.90	114.60	114.90	113.70
Cagayan Valley	222.82	126.90	99.30	116.40	115.60	88.30	98.30
Central Luzon	276.40	110.20	115.70	113.40	101.60	103.50	98.40
CALABARZON	231.19	129.80	141.60	155.00	121.50	128.70	134.60
MIMAROPA Region	215.62	119.40	108.40	116.70	109.00	96.90	99.40
Bicol Region	174.04	141.60	140.90	155.70	130.00	127.80	132.10
Western Visayas	183.55	121.80	138.00	144.10	110.50	123.00	121.40
Central Visayas	170.10	125.50	133.70	146.30	111.70	116.10	120.30
Eastern Visayas	166.61	145.90	134.20	144.50	129.30	115.10	117.40
Zamboanga Peninsula	179.51	121.10	118.70	134.40	107.90	102.60	109.40
Northern Mindanao	183.55	110.40	121.00	122.30	98.40	104.80	100.80
Davao Region	173.66	118.10	140.80	148.50	109.00	125.90	125.80
SOCCSKSARGEN	177.79	124.60	120.30	132.60	111.90	105.90	110.10
Caraga	206.62	124.80	122.20	141.30	112.70	108.30	120.40
ARMM	207.77	119.20	111.60	115.30	106.50	96.50	93.20

Table 4. Coconut: Wage rate index by region, Philippines, 2016-2018

(2012=100)

REGION	AVERAGE WAGE RATE PER DAY (PhP) 2012	NOMINAL WAGE RATE INDEX (%)			REAL WAGE RATE INDEX (%)		
		2016	2017	2018	2016	2017	2018
PHILIPPINES	210.63	122.00	122.00	150.60	112.60	115.70	128.60
CAR							
Ilocos Region	254.15	132.80	132.80	105.20	123.70	98.60	90.70
Cagayan Valley	233.29	120.90	120.90	167.10	110.20	147.40	141.10
Central Luzon	301.40	115.80	115.80	105.30	106.80	95.10	91.30
CALABARZON	275.97	116.20	116.20	134.90	108.70	121.90	117.10
MIMAROPA Region	221.59	116.90	116.90	139.30	106.70	114.90	118.60
Bicol Region	197.00	135.80	135.80	179.30	124.70	121.50	152.20
Western Visayas	188.76	121.30	121.30	161.80	110.10	136.10	136.30
Central Visayas	180.35	132.30	132.30	154.10	117.70	120.40	126.70
Eastern Visayas	198.58	121.00	121.00	131.50	107.30	108.50	106.90
Zamboanga Peninsula	186.19	126.80	126.80	139.80	112.90	112.20	113.90
Northern Mindanao	210.20	118.10	118.10	138.50	105.30	109.40	114.10
Davao Region	193.55	136.80	136.80	157.00	126.20	121.70	133.00
SOCCSKSARGEN	202.15	106.80	106.80	129.50	95.80	112.30	107.50
Caraga	241.30	127.60	127.60	155.00	115.20	131.70	132.00
ARMM	188.49	119.20	119.20	181.70	106.50	112.40	146.80

Table 5. Sugarcane: Wage rate index by region, Philippines, 2016-2018

(2012=100)

REGION	AVERAGE WAGE RATE PER DAY (PhP) 2012	NOMINAL WAGE RATE INDEX (%)			REAL WAGE RATE INDEX (%)		
		2016	2017	2018	2016	2017	2018
PHILIPPINES	213.44	125.60	118.90	128.10	115.90	106.60	109.40
CAR							
Ilocos Region	260.66	128.00	156.80	129.10	119.20	143.00	111.30
Cagayan Valley	229.11	114.80	110.60	119.30	104.70	98.40	100.80
Central Luzon	286.28	115.50	96.30	110.70	106.50	86.20	96.00
CALABARZON	229.62	133.60	134.80	112.70	125.00	122.50	97.90
MIMAROPA Region							
Bicol Region	182.92	130.90	131.30	141.70	120.20	119.00	120.30
Western Visayas	209.48	123.90	108.20	148.60	112.40	96.40	125.20
Central Visayas	203.12	118.80	120.00	126.30	105.70	104.20	103.90
Eastern Visayas	192.86	130.80	133.60	125.90	115.90	114.60	102.40
Zamboanga Peninsula							
Northern Mindanao	179.90	131.80	131.10	158.00	117.50	113.50	130.20
Davao Region	216.14	126.30	147.80	168.10	116.50	132.20	142.40
SOCCSKSARGEN	198.63	126.10	124.70	139.20	113.20	109.80	115.50
Caraga							
ARMM							

Table 6. Agriculture: Daily nominal wage rates of farm workers by sex and region, Philippines, 2016-2018

(in PhP)

REGION	2016			2017			2018		
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
PHILIPPINES	276.03	278.23	260.78	280.37	284.72	255.80	306.28	310.16	285.51
CAR	284.02	290.81	271.05	267.30	272.57	256.31	297.75	305.19	281.69
Ilocos Region	329.16	331.26	319.01	310.82	312.61	300.05	346.35	352.20	324.90
Cagayan Valley	329.05	333.55	329.17	280.16	285.81	265.32	294.63	297.36	285.21
Central Luzon	376.50	381.17	352.52	356.71	363.43	317.02	340.14	347.58	303.79
CALABARZON	326.44	326.86	326.33	370.14	371.72	351.07	373.92	373.82	376.84
MIMAROPA Region	275.97	280.77	249.42	296.11	307.25	242.90	353.71	373.65	258.61
Bicol Region	267.79	269.86	230.22	267.88	270.02	262.44	325.63	328.65	279.22
Western Visayas	245.14	246.06	244.00	272.80	278.38	247.27	296.56	301.13	276.29
Central Visayas	231.47	233.51	218.15	236.97	238.80	229.49	260.22	269.74	237.14
Eastern Visayas	244.18	244.61	241.70	251.98	255.67	217.98	267.36	268.55	259.39
Zamboanga Peninsula	238.63	240.50	231.34	238.30	238.98	230.18	263.25	266.25	237.34
Northern Mindanao	233.14	233.83	226.49	247.39	246.39	240.00	259.36	260.77	241.27
Davao Region	253.03	254.42	238.88	267.46	268.63	261.33	295.34	293.02	328.88
SOCCSKSARGEN	243.64	246.78	240.15	246.55	250.26	235.78	272.73	277.67	257.22
Caraga	307.83	309.85	291.69	314.19	316.27	274.45	335.49	338.65	299.28
ARMM	257.53	258.43	248.88	250.92	250.01	247.47	290.54	290.66	270.04

Table 7. Agriculture: Male-Female daily nominal wage rate differential by region, Philippines, 2016-2018

(in PhP)

REGION	2016	2017	2018
PHILIPPINES	17.45	28.92	24.65
CAR	19.76	16.26	23.50
Ilocos Region	12.25	12.56	27.30
Cagayan Valley	4.38	20.49	12.15
Central Luzon	28.65	46.41	43.79
CALABARZON	0.53	20.65	(3.02)
MIMAROPA Region	31.35	64.35	115.04
Bicol Region	39.64	7.58	49.43
Western Visayas	2.06	31.11	24.84
Central Visayas	15.36	9.31	32.60
Eastern Visayas	2.91	37.69	9.16
Zamboanga Peninsula	9.16	8.80	28.91
Northern Mindanao	7.34	6.39	19.50
Davao Region	15.54	7.30	(35.86)
SOCCSKSARGEN	6.63	14.48	20.45
Caraga	18.16	41.82	39.37
ARMM	9.55	2.54	20.62

Table 8. Palay: Daily nominal wage rates of farm workers by sex and region, Philippines, 2016-2018

(in PhP)

REGION	2016			2017			2018		
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
PHILIPPINES	304.35	307.40	290.65	303.98	309.83	277.44	324.81	329.86	300.36
CAR	285.03	292.13	272.14	272.64	277.42	263.26	303.36	309.87	290.08
Ilocos Region	339.21	341.51	330.14	316.10	316.92	313.04	356.92	362.29	339.53
Cagayan Valley	393.23	403.28	366.10	322.72	326.71	311.13	319.61	321.77	311.75
Central Luzon	389.06	395.09	365.94	363.12	370.82	317.67	344.01	352.40	304.89
CALABARZON	341.32	341.85	337.75	388.57	392.94	361.36	396.46	396.36	397.04
MIMAROPA Region	297.43	304.69	267.70	307.18	321.84	249.67	381.14	409.86	262.87
Bicol Region	273.58	277.58	253.56	276.88	280.27	259.57	317.05	321.51	289.66
Western Visayas	258.43	260.25	245.82	280.13	284.15	253.60	304.31	307.54	282.14
Central Visayas	236.85	238.53	233.27	246.15	249.57	238.29	271.06	278.52	252.94
Eastern Visayas	247.45	248.17	244.05	256.68	266.32	218.11	280.26	284.20	263.75
Zamboanga Peninsula	273.60	275.28	264.76	272.01	271.78	273.63	299.85	300.65	293.35
Northern Mindanao	285.96	288.23	271.39	300.42	302.26	282.90	312.78	315.95	285.12
Davao Region	313.21	316.64	291.65	322.16	330.65	280.24	333.55	335.45	315.05
SOCCKSARGEN	303.55	313.37	278.42	281.96	288.71	260.98	327.45	336.80	296.33
Caraga	324.92	326.37	315.63	352.33	351.15	360.31	354.38	353.94	356.53
ARMM	293.68	293.50	298.21	262.26	260.68	289.64	264.30	264.12	268.70

Table 9. Palay: Male-Female daily nominal wage rate differential by region, Philippines, 2016-2018

(in PhP)

REGION	2016	2017	2018
PHILIPPINES	16.75	32.39	29.50
CAR	19.99	14.16	19.79
Ilocos Region	11.37	3.88	22.76
Cagayan Valley	37.18	15.58	10.02
Central Luzon	29.15	53.15	47.51
CALABARZON	4.10	31.58	(0.68)
MIMAROPA Region	36.99	72.17	146.99
Bicol Region	24.02	20.70	31.85
Western Visayas	14.43	30.55	25.40
Central Visayas	5.26	11.28	25.58
Eastern Visayas	4.12	48.21	20.45
Zamboanga Peninsula	10.52	(1.85)	7.30
Northern Mindanao	16.84	19.36	30.83
Davao Region	24.99	50.41	20.40
SOCCKSARGEN	34.95	27.73	40.47
Caraga	10.74	(9.16)	(2.59)
ARMM	(4.71)	(28.96)	(4.58)

Table 10. Corn: Daily nominal wage rates of farm workers by sex and region, Philippines, 2016-2018

(in PhP)

REGION	2016			2017			2018		
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
PHILIPPINES	250.00	253.41	239.72	246.05	251.21	230.91	264.29	269.23	249.70
CAR	279.55	285.00	266.25	243.73	251.16	225.59	272.97	284.49	244.61
Ilocos Region	279.03	281.32	268.23	285.67	291.95	240.79	299.05	307.22	257.75
Cagayan Valley	282.66	283.46	280.67	221.20	229.28	204.33	259.32	262.86	250.00
Central Luzon	304.47	306.41	283.36	319.76	321.01	300.08	313.56	316.66	288.03
CALABARZON	300.19	302.36	292.18	327.35	330.01	318.42	358.46	357.54	361.63
MIMAROPA Region	257.44	262.23	237.08	233.78	235.17	229.50	251.59	254.58	245.29
Bicol Region	246.40	248.77	234.99	245.26	249.73	227.80	270.91	276.79	249.44
Western Visayas	223.50	221.93	225.98	253.23	270.80	222.87	264.53	277.17	236.20
Central Visayas	213.56	219.52	203.41	227.43	228.49	225.86	248.92	261.89	228.02
Eastern Visayas	243.07	244.07	223.65	223.65	224.36	217.00	240.67	233.92	264.15
Zamboanga Peninsula	217.47	220.96	209.91	213.07	213.96	210.78	241.27	247.59	220.55
Northern Mindanao	202.56	203.07	200.92	222.16	219.54	230.95	224.53	224.82	223.16
Davao Region	205.16	206.82	198.02	244.43	243.84	247.71	257.84	257.89	257.65
SOCCSKSARGEN	221.54	223.13	217.58	213.87	217.03	207.26	235.80	239.69	227.81
Caraga	257.88	266.63	246.32	252.51	254.97	249.43	291.96	299.81	281.59
ARMM	247.71	249.72	237.42	231.86	230.64	240.81	239.65	240.83	232.52

Table 11. Corn: Male-Female daily nominal wage rate differential by region, Philippines, 2016-2018

(in PhP)

REGION	2016	2017	2018
PHILIPPINES	13.69	20.30	19.53
CAR	18.75	25.57	39.88
Ilocos Region	13.09	51.16	49.47
Cagayan Valley	2.79	24.95	12.86
Central Luzon	23.05	20.93	28.63
CALABARZON	10.18	11.59	(4.09)
MIMAROPA Region	25.15	5.67	9.29
Bicol Region	13.78	21.93	27.35
Western Visayas	(4.05)	47.93	40.97
Central Visayas	16.11	2.63	33.87
Eastern Visayas	20.42	7.36	(30.23)
Zamboanga Peninsula	11.05	3.18	27.04
Northern Mindanao	2.15	(11.41)	1.66
Davao Region	8.80	(3.87)	0.24
SOCCSKSARGEN	5.55	9.77	11.88
Caraga	20.31	5.54	18.22
ARMM	12.30	(10.17)	8.31

Table 12. Coconut: Daily nominal wage rates of farm workers by sex and region, Philippines, 2016-2018

(in PhP)

REGION	2016			2017			2018		
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
PHILIPPINES	257.03	257.33	236.53	271.72	272.17	240.29	317.27	317.62	296.98
CAR									
Ilocos Region	337.58	337.58		274.69	274.69		267.49	267.49	
Cagayan Valley	281.95	281.95		386.40	386.40		389.76	389.76	
Central Luzon	349.05	349.33	320.00	320.53	320.53		317.27	317.27	
CALABARZON	320.80	320.80		369.99	369.99		372.18	372.18	
MIMAROPA Region	258.97	260.39	233.65	284.89	289.14	227.90	308.62	308.95	250.76
Bicol Region	267.51	267.70	206.52	263.93	263.90	276.47	353.26	353.77	275.57
Western Visayas	228.99	228.99		288.17	288.24	279.28	305.36	305.16	327.11
Central Visayas	238.63	238.63		250.18	250.35	205.68	277.88	279.97	211.90
Eastern Visayas	240.31	240.31		251.20	251.20		261.10	261.14	256.00
Zamboanga Peninsula	236.10	236.22	230.36	241.66	242.80	218.63	260.32	261.08	212.50
Northern Mindanao	248.23	248.35	240.59	265.49	266.14	227.82	291.06	292.17	255.32
Davao Region	264.87	265.23	248.34	263.39	263.37	264.27	303.85	298.93	372.76
SOCCSKSARGEN	215.82	214.83	232.61	257.78	257.90	254.55	261.83	262.15	255.22
Caraga	307.79	308.01	282.86	358.54	363.06	228.57	374.06	374.47	270.00
ARMM	224.65	224.87	200.00	245.18	245.20	200.00	342.44	342.48	286.89

Table 13. Coconut: Male-Female daily nominal wage rate differential by region, Philippines, 2016-2018

(in PhP)

REGION	2016	2017	2018
PHILIPPINES	20.80	31.89	20.64
CAR			
Ilocos Region			
Cagayan Valley			
Central Luzon	29.33		
CALABARZON			
MIMAROPA Region	26.74	61.24	58.19
Bicol Region	61.18	(12.57)	78.20
Western Visayas		8.96	(21.95)
Central Visayas		44.67	68.07
Eastern Visayas			5.14
Zamboanga Peninsula	5.86	24.17	48.58
Northern Mindanao	7.76	38.31	36.85
Davao Region	16.89	(0.90)	(73.82)
SOCCSKSARGEN	(17.78)	3.35	6.92
Caraga	25.15	134.49	104.47
ARMM	24.87	45.20	55.60

Table 14. Sugarcane: Daily nominal wage rates of farm workers by sex and region, Philippines, 2016-2018

(in PhP)

REGION	2016			2017			2018		
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
PHILIPPINES	268.12	270.26	252.34	253.69	256.58	234.93	273.38	276.15	256.25
CAR									
Ilocos Region	333.66	333.65	335.00	408.59	408.59		336.47	336.16	350.00
Cagayan Valley	263.11	264.77	260.60	253.35	251.31	257.51	273.35	276.41	269.35
Central Luzon	330.60	331.36	323.83	275.78	275.49	351.11	316.86	317.80	301.79
CALABARZON	306.78	306.85	300.00	309.44	308.08	330.32	258.86	258.90	257.68
MIMAROPA Region									
Bicol Region	239.49	239.74	237.94	240.14	241.17	231.20	259.13	260.24	247.61
Western Visayas	259.50	261.14	252.04	226.64	231.28	204.62	271.80	279.22	248.24
Central Visayas	241.40	243.60	209.43	243.71	243.97	242.75	264.66	265.73	257.10
Eastern Visayas	252.21	252.96	237.66	257.68	257.68		255.78	254.97	268.14
Zamboanga Peninsula									
Northern Mindanao	237.02	239.35	211.07	235.80	233.31	249.13	284.32	294.13	202.88
Davao Region	272.96	275.82	259.55	319.56	323.54	220.44	363.27	363.27	
SOCCSKSARGEN	250.40	253.26	226.67	247.64	248.70	238.73	276.41	277.46	269.72
Caraga									
ARMM									

Table 15. Sugarcane: Male-Female daily nominal wage rate differential by region, Philippines, 2016-2018

(in PhP)

REGION	2016	2017	2018
PHILIPPINES	17.92	21.65	19.90
CAR			
Ilocos Region	(1.35)		(13.84)
Cagayan Valley	4.17	(6.20)	7.06
Central Luzon	7.53	(75.62)	16.01
CALABARZON	6.85	(22.24)	1.23
MIMAROPA Region			
Bicol Region	1.80	9.97	12.63
Western Visayas	9.10	26.65	30.98
Central Visayas	34.17	1.22	8.63
Eastern Visayas	15.30		(13.17)
Zamboanga Peninsula			
Northern Mindanao	28.28	(15.82)	91.25
Davao Region	16.27	103.10	
SOCCSKSARGEN	26.59	9.97	7.74
Caraga			
ARMM			

Table 16. Agriculture: Daily real wage rates of farm workers by sex and region, Philippines, 2016-2018

(in PhP)

REGION	2016			2017			2018		
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
PHILIPPINES	191.69	193.22	181.10	251.45	255.35	229.42	274.69	278.17	256.06
CAR	200.01	204.80	190.88	239.09	243.80	229.26	266.32	272.98	251.96
Ilocos Region	240.79	242.33	233.37	283.59	285.23	273.77	316.01	321.35	296.44
Cagayan Valley	222.03	225.07	222.11	249.25	254.28	236.05	262.13	264.56	253.75
Central Luzon	259.30	262.51	242.78	319.06	325.07	283.56	304.24	310.89	271.73
CALABARZON	231.68	231.98	231.60	336.49	337.93	319.15	339.93	339.84	342.58
MIMAROPA Region	186.72	189.97	168.76	264.62	274.58	217.07	316.09	333.91	231.11
Bicol Region	181.92	183.33	156.40	242.86	244.81	237.93	295.22	297.96	253.15
Western Visayas	160.43	161.03	159.69	243.14	248.11	220.38	264.31	268.39	246.25
Central Visayas	156.50	157.88	147.50	205.70	207.29	199.21	225.89	234.15	205.85
Eastern Visayas	158.66	158.94	157.05	216.11	219.27	186.95	229.30	230.32	222.46
Zamboanga Peninsula	150.94	152.12	146.33	205.96	206.55	198.95	227.53	230.12	205.13
Northern Mindanao	150.41	150.86	146.12	214.19	213.32	207.79	224.55	225.77	208.89
Davao Region	164.52	165.42	155.32	239.23	240.28	233.75	264.17	262.09	294.17
SOCSSKSARGEN	157.19	159.21	154.94	217.03	220.30	207.55	240.08	244.43	226.43
Caraga	189.32	190.56	179.39	278.54	280.38	243.31	297.42	300.22	265.32
ARMM	159.96	160.52	154.58	216.87	216.08	213.89	251.11	251.22	233.40

Table 17. Agriculture: Male-Female daily real wage rate differential by region, Philippines, 2016-2018

(in PhP)

REGION	2016	2017	2018
PHILIPPINES	12.12	25.93	22.11
CAR	13.92	14.54	21.02
Ilocos Region	8.96	11.46	24.91
Cagayan Valley	2.96	18.23	10.81
Central Luzon	19.73	41.51	39.16
CALABARZON	0.38	18.78	(2.74)
MIMAROPA Region	21.21	57.51	102.80
Bicol Region	26.93	6.88	44.81
Western Visayas	1.34	27.73	22.14
Central Visayas	10.38	8.08	28.30
Eastern Visayas	1.89	32.32	7.86
Zamboanga Peninsula	5.79	7.60	24.99
Northern Mindanao	4.74	5.53	16.88
Davao Region	10.10	6.53	(32.08)
SOCSSKSARGEN	4.27	12.75	18.00
Caraga	11.17	37.07	34.90
ARMM	5.94	2.19	17.82

Table 18. Palay: Daily real wage rates of farm workers by sex and region, Philippines, 2016-2018

(in PhP)

REGION	2016			2017			2018		
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
PHILIPPINES	211.35	213.47	201.84	272.63	277.87	248.83	277.38	281.69	256.50
CAR	200.73	205.73	191.65	243.86	248.14	235.47	261.74	267.36	250.28
Ilocos Region	248.14	249.82	241.51	288.41	289.16	285.62	307.69	312.32	292.70
Cagayan Valley	265.34	272.12	247.03	287.12	290.67	276.81	269.94	271.77	263.30
Central Luzon	267.95	272.10	252.02	324.79	331.68	284.14	298.36	305.64	264.43
CALABARZON	242.24	242.62	239.71	353.25	357.22	328.51	344.15	344.06	344.65
MIMAROPA Region	201.24	206.15	181.12	274.51	287.61	223.12	324.65	349.11	223.91
Bicol Region	185.86	188.57	172.26	251.02	254.10	235.33	269.14	272.93	245.89
Western Visayas	169.13	170.32	160.88	249.67	253.25	226.02	256.37	259.09	237.69
Central Visayas	160.14	161.28	157.72	213.67	216.64	206.85	222.91	229.05	208.01
Eastern Visayas	160.79	161.25	158.58	220.14	228.40	187.06	227.85	231.06	214.43
Zamboanga Peninsula	173.06	174.12	167.46	235.10	234.90	236.50	244.18	244.83	238.88
Northern Mindanao	184.49	185.95	175.09	260.10	261.70	244.94	257.64	260.26	234.86
Davao Region	203.65	205.88	189.63	288.16	295.75	250.66	282.67	284.28	266.99
SOCCSKSARGEN	195.84	202.17	179.63	248.20	254.15	229.74	271.74	279.50	245.92
Caraga	199.83	200.72	194.11	312.35	311.30	319.42	301.86	301.48	303.69
ARMM	182.41	182.30	185.22	226.67	225.31	250.34	213.49	213.34	217.04

Table 19. Palay: Male-Female daily real wage rate differential by region, Philippines, 2016-2018

(in PhP)

REGION	2016	2017	2018
PHILIPPINES	11.63	29.04	25.19
CAR	14.08	12.67	17.08
Ilocos Region	8.31	3.54	19.62
Cagayan Valley	25.09	13.86	8.47
Central Luzon	20.08	47.54	41.21
CALABARZON	2.91	28.71	(0.59)
MIMAROPA Region	25.03	64.49	125.20
Bicol Region	16.31	18.77	27.04
Western Visayas	9.44	27.23	21.40
Central Visayas	3.56	9.79	21.04
Eastern Visayas	2.67	41.34	16.63
Zamboanga Peninsula	6.66	(1.60)	5.95
Northern Mindanao	10.86	16.76	25.40
Davao Region	16.25	45.09	17.29
SOCCSKSARGEN	22.54	24.41	33.58
Caraga	6.61	(8.12)	(2.21)
ARMM	(2.92)	(25.03)	(3.70)

Table 20. Corn: Daily real wage rates of farm workers by sex and region, Philippines, 2016-2018

(in PhP)

REGION	2016			2017			2018		
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
PHILIPPINES	173.61	175.98	166.47	220.67	225.30	207.09	225.70	229.91	213.24
CAR	196.87	200.70	187.50	218.01	224.65	201.78	235.52	245.46	211.05
Ilocos Region	204.12	205.79	196.22	260.65	266.38	219.70	257.80	264.84	222.20
Cagayan Valley	190.73	191.27	189.39	196.80	203.99	181.79	219.02	222.01	211.15
Central Luzon	209.69	211.03	195.15	286.01	287.13	268.41	271.95	274.64	249.81
CALABARZON	213.05	214.59	207.37	297.59	300.01	289.47	311.16	310.36	313.91
MIMAROPA Region	174.18	177.42	160.41	208.92	210.16	205.09	214.30	216.85	208.94
Bicol Region	167.39	169.00	159.64	222.36	226.41	206.53	229.97	234.97	211.75
Western Visayas	146.27	145.24	147.89	225.70	241.35	198.64	222.86	233.50	198.99
Central Visayas	144.39	148.42	137.53	197.42	198.34	196.06	204.70	215.37	187.52
Eastern Visayas	157.94	158.59	145.32	191.81	192.42	186.11	195.67	190.18	214.76
Zamboanga Peninsula	137.55	139.76	132.77	184.16	184.93	182.18	196.47	201.62	179.60
Northern Mindanao	130.68	131.01	129.63	192.35	190.08	199.96	184.95	185.19	183.82
Davao Region	133.39	134.47	128.75	218.63	218.10	221.57	218.51	218.55	218.35
SOCCSKSARGEN	142.93	143.95	140.37	188.27	191.05	182.45	195.68	198.91	189.05
Caraga	158.60	163.98	151.49	223.86	226.04	221.13	248.69	255.37	239.86
ARMM	153.86	155.11	147.47	200.40	199.34	208.13	193.58	194.53	187.82

Table 21. Corn: Male-Female daily real wage rate differential by region, Philippines, 2016-2018

(in PhP)

REGION	2016	2017	2018
PHILIPPINES	9.51	18.21	16.67
CAR	13.20	22.87	34.41
Ilocos Region	9.57	46.68	42.64
Cagayan Valley	1.88	22.20	10.86
Central Luzon	15.88	18.72	24.83
CALABARZON	7.22	10.54	(3.55)
MIMAROPA Region	17.01	5.07	7.91
Bicol Region	9.36	19.88	23.22
Western Visayas	(2.65)	42.71	34.51
Central Visayas	10.89	2.28	27.85
Eastern Visayas	13.27	6.31	(24.58)
Zamboanga Peninsula	6.99	2.75	22.02
Northern Mindanao	1.38	(9.88)	1.37
Davao Region	5.72	(3.47)	0.20
SOCCSKSARGEN	3.58	8.60	9.86
Caraga	12.49	4.91	15.51
ARMM	7.64	(8.79)	6.71

Table 22. Coconut: Daily real wage rates of farm workers by sex and region, Philippines, 2016-2018

(in PhP)

REGION	2016			2017			2018		
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
PHILIPPINES	178.49	178.70	164.26	243.70	244.10	215.51	270.94	271.24	253.62
CAR									
Ilocos Region	246.95	246.95		250.63	250.63		230.59	230.59	
Cagayan Valley	190.25	190.25		343.77	343.77		329.19	329.19	
Central Luzon	240.39	240.59	220.39	286.70	286.70		275.17	275.17	
CALABARZON	227.68	227.68		336.36	336.36		323.08	323.08	
MIMAROPA Region	175.22	176.18	158.09	254.59	258.39	203.66	262.88	263.16	213.59
Bicol Region	181.73	181.86	140.30	239.28	239.26	250.66	299.88	300.32	233.93
Western Visayas	149.86	149.86		256.83	256.90	248.92	257.25	257.09	275.58
Central Visayas	161.35	161.35		217.17	217.32	178.54	228.52	230.24	174.26
Eastern Visayas	156.15	156.15		215.44	215.44		212.28	212.31	208.13
Zamboanga Peninsula	149.34	149.41	145.71	208.87	209.85	188.96	211.99	212.60	173.05
Northern Mindanao	160.15	160.23	155.22	229.86	230.42	197.25	239.75	240.66	210.31
Davao Region	172.22	172.45	161.47	235.59	235.57	236.38	257.50	253.33	315.89
SOCCSKSARGEN	139.24	138.60	150.07	226.92	227.02	224.07	217.29	217.55	211.80
Caraga	189.29	189.43	173.96	317.85	321.87	202.63	318.62	318.97	229.98
ARMM	139.53	139.67	124.22	211.91	211.92	172.86	276.61	276.64	231.73

Table 23. Coconut: Male-Female daily real wage rate differential by region, Philippines, 2016-2018

(in PhP)

REGION	2016	2017	2018
PHILIPPINES	14.44	28.59	17.62
CAR			
Ilocos Region			
Cagayan Valley			
Central Luzon	20.20		
CALABARZON			
MIMAROPA Region	18.09	54.73	49.57
Bicol Region	41.56	(11.40)	66.39
Western Visayas		7.98	(18.49)
Central Visayas		38.78	55.98
Eastern Visayas			4.18
Zamboanga Peninsula	3.70	20.89	39.55
Northern Mindanao	5.01	33.17	30.35
Davao Region	10.98	(0.81)	(62.56)
SOCCSKSARGEN	(11.47)	2.95	5.75
Caraga	15.47	119.24	88.99
ARMM	15.45	39.06	44.91

Table 24. Sugarcane: Daily real wage rates of farm workers by sex and region, Philippines, 2016-2018

(in PhP)

REGION	2016			2017			2018		
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
PHILIPPINES	186.19	187.68	175.24	227.53	230.12	210.70	233.46	235.83	218.83
CAR									
Ilocos Region	244.08	244.07	245.06	372.80	372.80		290.06	289.79	301.72
Cagayan Valley	177.54	178.66	175.84	225.40	223.58	229.10	230.87	233.45	227.49
Central Luzon	227.69	228.21	223.02	246.68	246.41	314.05	274.81	275.63	261.74
CALABARZON	217.73	217.78	212.92	281.31	280.07	300.29	224.70	224.74	223.68
MIMAROPA Region									
Bicol Region	162.70	162.87	161.64	217.71	218.65	209.61	219.97	220.92	210.20
Western Visayas	169.83	170.90	164.95	202.00	206.13	182.37	228.98	235.23	209.13
Central Visayas	163.22	164.71	141.60	211.56	211.78	210.72	217.65	218.53	211.43
Eastern Visayas	163.88	164.37	154.42	220.99	220.99		207.95	207.29	218.00
Zamboanga Peninsula									
Northern Mindanao	152.92	154.42	136.17	204.16	202.00	215.69	234.20	242.28	167.12
Davao Region	177.48	179.34	168.76	285.83	289.39	197.17	307.85	307.85	
SOCCKSARGEN	161.55	163.39	146.24	218.00	218.93	210.15	229.39	230.26	223.83
Caraga									
ARMM									

Table 25. Sugarcane: Male-Female daily real wage rate differential by region, Philippines, 2016-2018

(in PhP)

REGION	2016	2017	2018
PHILIPPINES	12.44	19.42	17.00
CAR			
Ilocos Region	(0.99)		(11.93)
Cagayan Valley	2.82	(5.52)	5.96
Central Luzon	5.19	(67.64)	13.89
CALABARZON	4.86	(20.22)	1.06
MIMAROPA Region			
Bicol Region	1.23	9.04	10.72
Western Visayas	5.95	23.76	26.10
Central Visayas	23.11	1.06	7.10
Eastern Visayas	9.95		(10.71)
Zamboanga Peninsula			
Northern Mindanao	18.25	(13.69)	75.16
Davao Region	10.58	92.22	
SOCCKSARGEN	17.15	8.78	6.43
Caraga			
ARMM			

Table 26. Agriculture: Average wage rates of farm workers (man-labor) by basis of payment and region, Philippines, 2018

(in PhP)

REGION	ALL BASES OF PAYMENT	PER DAY	PER HECTARE	PER SACK	BY CONTRACT	BY SHARING ARRANGEMENT
PHILIPPINES	306.28	280.17	313.19	294.80	316.60	331.37
CAR	297.75	230.18	523.98	349.60	357.72	429.18
Ilocos Region	346.35	298.28	447.07	332.73	401.61	423.49
Cagayan Valley	294.63	280.18	520.41	306.36	298.02	343.55
Central Luzon	340.14	311.71	381.85	372.54	329.20	429.94
CALABARZON	373.92	359.24	387.77	329.71	384.58	400.77
MIMAROPA Region	353.71	277.84	405.25	299.51	385.76	523.11
Bicol Region	325.63	302.70	423.59	300.67	328.09	341.20
Western Visayas	296.56	279.96	422.74	312.43	264.27	310.23
Central Visayas	260.22	247.60	274.70	230.65	278.33	273.26
Eastern Visayas	267.36	260.56	253.39	259.18	271.58	276.21
Zamboanga Peninsula	263.25	220.95	242.65	273.06	263.63	324.50
Northern Mindanao	259.36	246.93	252.48	250.02	267.11	253.18
Davao Region	295.34	253.87	308.31	268.89	324.91	330.29
SOCCKSARGEN	272.73	264.52	257.45	266.77	281.84	284.50
Caraga	335.49	315.20	358.21	275.68	359.14	388.87
ARMM	290.54	279.02	283.39	286.89	274.02	392.38

Table 27. Palay: Average wage rates of farm workers (man-labor) by basis of payment and region, Philippines, 2018

(in PhP)

REGION	ALL BASES OF PAYMENT	PER DAY	PER HECTARE	PER SACK	BY CONTRACT	BY SHARING ARRANGEMENT
PHILIPPINES	324.81	289.93	333.34	322.49	316.63	374.88
CAR	303.36	226.78	499.65	369.55	340.18	419.29
Ilocos Region	356.92	300.24	473.78	341.65	418.97	411.28
Cagayan Valley	319.61	301.15	297.13	323.41	310.90	362.49
Central Luzon	344.01	311.67	386.74	373.43	328.17	443.18
CALABARZON	396.46	382.05	413.99	324.12	404.50	423.54
MIMAROPA Region	381.14	277.65	459.69	327.29	418.39	552.61
Bicol Region	317.05	297.96	425.00	303.02	304.13	351.32
Western Visayas	304.31	288.07	434.34	284.42	249.81	318.84
Central Visayas	271.06	254.27	391.30	228.42	260.08	293.24
Eastern Visayas	280.26	256.19		345.51	284.15	323.17
Zamboanga Peninsula	299.85	243.16	271.75	314.47	286.78	357.77
Northern Mindanao	312.78	294.15	330.20	315.76	302.09	341.07
Davao Region	333.55	270.05	308.31	310.27	293.19	390.66
SOCCKSARGEN	327.45	318.38	311.19	309.04	301.76	358.04
Caraga	354.38	344.63	358.21	337.10	362.80	372.76
ARMM	264.30	263.47	311.46	298.56	230.92	447.83

Table 28. Corn: Average wage rates of farm workers (man-labor) by basis of payment and region, Philippines, 2018

(in PhP)

REGION	ALL BASES OF PAYMENT	PER DAY	PER HECTARE	PER SACK	BY CONTRACT	BY SHARING ARRANGEMENT
PHILIPPINES	264.29	253.46	332.29	263.37	308.71	271.98
CAR	272.97	245.19	631.49	261.42	435.21	472.87
Ilocos Region	299.05	289.16	325.20	292.00	324.51	479.23
Cagayan Valley	259.32	249.36	819.78	283.62	281.26	317.49
Central Luzon	313.56	300.42	311.84	371.38	362.73	416.67
CALABARZON	358.46	329.84		364.58	439.31	300.00
MIMAROPA Region	251.59	242.78	337.00	247.96	301.17	266.08
Bicol Region	270.91	273.01		258.60	238.30	296.48
Western Visayas	264.53	253.60	368.00	302.74	312.61	262.29
Central Visayas	248.92	237.53	187.50	216.69	290.19	260.77
Eastern Visayas	240.67	239.60		334.44	269.51	239.41
Zamboanga Peninsula	241.27	208.87		245.46	234.88	302.33
Northern Mindanao	224.53	216.85	226.84	225.46	235.76	235.44
Davao Region	257.84	250.99		227.31	294.58	298.90
SOCCKSARGEN	235.80	223.59	214.72	236.22	277.41	232.77
Caraga	291.96	266.08		299.31	351.48	341.38
ARMM	239.65	237.66		261.97	229.86	230.00

Table 29. Coconut: Average wage rates of farm workers (man-labor) by basis of payment and region, Philippines, 2018

(in PhP)

REGION	ALL BASES OF PAYMENT	PER DAY	PER HECTARE	PER SACK	BY CONTRACT	BY SHARING ARRANGEMENT
PHILIPPINES	317.27	290.65	249.66	271.45	329.22	311.04
CAR						
Ilocos Region	267.49	294.34			253.61	
Cagayan Valley	389.76	404.64				377.92
Central Luzon	317.27	318.11			318.07	267.37
CALABARZON	372.18	354.53			376.61	
MIMAROPA Region	308.62	289.91	271.54	236.80	319.98	
Bicol Region	353.26	317.68		310.79	384.55	
Western Visayas	305.36	267.60		375.00	324.18	310.25
Central Visayas	277.88	270.92		307.69	295.67	259.64
Eastern Visayas	261.10	265.39		194.78	263.44	247.93
Zamboanga Peninsula	260.32	217.67	219.19		279.74	
Northern Mindanao	291.06	284.14			298.58	229.71
Davao Region	303.85	249.07		280.00	350.18	
SOCCKSARGEN	261.83	264.16		261.77	259.67	274.50
Caraga	374.06	351.36		189.73	365.61	464.25
ARMM	342.44	314.31	250.00	283.13	343.23	

Table 30. Sugarcane: Average wage rates of farm workers (man-labor) by basis of payment and region, Philippines, 2018

(in PhP)

REGION	ALL BASES OF PAYMENT	PER DAY	PER HECTARE	PER SACK	BY CONTRACT	BY SHARING ARRANGEMENT
PHILIPPINES	273.38	268.08	317.34	303.68	270.58	283.79
CAR						
Ilocos Region	336.47	314.58			355.42	
Cagayan Valley	273.35	274.50	365.27		259.35	
Central Luzon	316.86	333.74	371.40	316.05	301.89	
CALABARZON	258.86	299.77	201.32	313.39	248.81	
MIMAROPA Region						
Bicol Region	259.13	270.73	363.64	254.55	253.13	
Western Visayas	271.80	259.71	407.02	528.06	268.35	
Central Visayas	264.66	262.95	288.27	264.24	262.90	
Eastern Visayas	255.78	244.33	253.39	288.35	260.74	
Zamboanga Peninsula						
Northern Mindanao	284.32	205.48		285.71	325.69	
Davao Region	363.27	338.81		274.86	371.41	
SOCCKSARGEN	276.41	250.63	317.14	286.18	273.45	283.79
Caraga						
ARMM						

Table 31. Agriculture: Average wage rates of farm workers (all types of labor) by basis of payment and region, Philippines, 2018

(in PhP)

REGION	ALL BASES OF PAYMENT	PER DAY	PER HECTARE	PER SACK	BY CONTRACT	BY SHARING ARRANGEMENT
PHILIPPINES	426.04	303.32	734.79	426.69	445.34	524.86
CAR	475.64	235.80	1,111.73	613.74	471.99	1,087.56
Ilocos Region	596.80	309.23	1,101.69	1,377.69	683.33	1,051.72
Cagayan Valley	458.58	311.22	1,292.99	578.90	402.99	781.03
Central Luzon	674.18	334.75	1,212.98	561.02	592.82	1,396.50
CALABARZON	460.49	376.75	456.75	172.64	494.58	250.61
MIMAROPA Region	520.86	297.72	1,705.09	390.69	485.61	689.33
Bicol Region	374.07	322.52	211.78	391.35	479.91	253.98
Western Visayas	414.80	330.83	806.14	357.99	500.11	382.09
Central Visayas	328.74	297.90	397.39	277.42	434.21	304.33
Eastern Visayas	301.78	272.88	303.90	361.21	346.10	322.69
Zamboanga Peninsula	310.76	252.92	395.28	390.95	341.00	224.71
Northern Mindanao	314.13	269.73	354.85	295.71	359.97	266.71
Davao Region	344.08	270.46	594.31	435.92	384.74	192.12
SOCCKSARGEN	398.88	289.71	581.96	365.76	340.86	439.74
Caraga	433.60	339.77	972.01	502.74	562.27	587.35
ARMM	392.75	306.59	566.73	410.17	357.02	407.77

All types of labor include man labor; man and animal labor; man and machine labor; and man, animal and machine labor

Table 32. Palay: Average wage rates of farm workers (all types of labor) by basis of payment and region, Philippines, 2018

(in PhP)

REGION	ALL BASES OF PAYMENT	PER DAY	PER HECTARE	PER SACK	BY CONTRACT	BY SHARING ARRANGEMENT
PHILIPPINES	501.58	316.24	717.46	490.21	441.79	699.23
CAR	491.03	237.20	929.42	644.13	409.71	990.79
Ilocos Region	624.23	310.74	807.49	1,544.26	693.49	1,045.56
Cagayan Valley	534.97	339.46	459.98	586.60	357.71	955.05
Central Luzon	706.28	335.93	1,322.17	591.95	594.97	1,435.01
CALABARZON	577.11	416.63	926.59	387.71	630.36	689.90
MIMAROPA Region	608.62	301.08	2,262.77	450.82	540.00	891.61
Bicol Region	389.42	324.29	425.00	393.54	475.83	457.90
Western Visayas	443.75	347.42	860.41	321.02	553.56	435.85
Central Visayas	332.96	277.17	391.30	284.54	371.97	360.52
Eastern Visayas	352.83	281.14	795.70	444.99	383.74	449.06
Zamboanga Peninsula	391.81	290.33	539.84	447.82	336.96	391.54
Northern Mindanao	446.62	304.85	752.18	407.96	399.67	477.70
Davao Region	506.32	312.55	500.18	387.32	378.12	660.67
SOCCKSARGEN	613.00	347.89	760.56	522.41	384.50	808.56
Caraga	555.49	362.87	492.60	669.58	440.31	1,036.45
ARMM	421.73	307.99	608.83	467.03	337.78	813.12

All types of labor include man labor; man and animal labor; man and machine labor; and man, animal and machine labor

Table 33. Corn: Average wage rates of farm workers (all types of labor) by basis of payment and region, Philippines, 2018

(in PhP)

REGION	ALL BASES OF PAYMENT	PER DAY	PER HECTARE	PER SACK	BY CONTRACT	BY SHARING ARRANGEMENT
PHILIPPINES	367.67	285.50	1,210.33	362.05	537.97	401.94
CAR	460.55	255.81	2,040.98	547.72	799.66	1,636.12
Ilocos Region	470.03	302.29	2,401.37	650.95	638.46	1,092.94
Cagayan Valley	358.57	271.76	2,444.42	588.56	471.74	566.51
Central Luzon	588.79	334.55	1,056.74	785.34	824.98	2,391.57
CALABARZON	442.55	393.56	1,608.92	398.99	605.42	300.00
MIMAROPA Region	374.71	268.19	1,261.68	321.92	485.95	1,045.36
Bicol Region	337.01	308.45		342.60	807.98	294.00
Western Visayas	339.39	297.29	1,025.56	418.43	367.95	355.75
Central Visayas	334.99	315.71	445.36	268.06	516.60	295.64
Eastern Visayas	331.86	296.80		350.73	937.03	239.41
Zamboanga Peninsula	290.14	260.63	450.00	351.22	385.21	302.43
Northern Mindanao	272.56	249.98	392.23	401.22	363.32	236.33
Davao Region	295.09	270.47	1,250.00	299.88	418.00	298.73
SOCCKSARGEN	298.35	254.18	719.33	295.56	343.37	233.28
Caraga	388.15	302.54	2,086.39	381.37	806.36	374.25
ARMM	349.71	267.77	1,230.64	399.63	363.75	230.00

All types of labor include man labor; man and animal labor; man and machine labor; and man, animal and machine labor

Table 34. Coconut: Average wage rates of farm workers (all types of labor) by basis of payment and region, Philippines, 2018

(in PhP)

REGION	ALL BASES OF PAYMENT	PER DAY	PER HECTARE	PER SACK	BY CONTRACT	BY SHARING ARRANGEMENT
PHILIPPINES	340.85	297.45	250.07	376.97	358.61	314.95
CAR						
Ilocos Region	529.55	294.34			546.03	
Cagayan Valley	401.32	404.64				398.79
Central Luzon	373.96	317.98			389.77	267.37
CALABARZON	407.17	356.05			418.31	
MIMAROPA Region	323.44	301.38	271.54	245.52	335.28	
Bicol Region	368.23	324.87		406.13	400.23	
Western Visayas	315.54	267.60		437.16	337.59	312.87
Central Visayas	279.49	272.69		308.63	298.22	258.88
Eastern Visayas	265.02	265.47		306.67	270.74	247.93
Zamboanga Peninsula	275.56	217.67	219.19	399.69	296.47	
Northern Mindanao	312.68	291.22			330.77	229.71
Davao Region	317.07	256.78	266.67	529.41	360.58	
SOCCKSARGEN	269.89	271.44		265.38	267.50	287.10
Caraga	389.76	373.14		516.63	371.63	464.25
ARMM	377.90	322.37	250.00	349.06	379.13	

All types of labor include man labor; man and animal labor; man and machine labor; and man, animal and machine labor

Table 35. Sugarcane: Average wage rates of farm workers (all types of labor) by basis of payment and region, Philippines, 2018

(in PhP)

REGION	ALL BASES OF PAYMENT	PER DAY	PER HECTARE	PER SACK	BY CONTRACT	BY SHARING ARRANGEMENT
PHILIPPINES	344.45	289.81	632.03	303.68	338.78	337.50
CAR						
Ilocos Region	757.04	323.13	4,892.31		674.83	872.52
Cagayan Valley	413.33	274.50	343.34		504.97	
Central Luzon	428.85	341.89	757.58	316.05	422.88	
CALABARZON	288.27	309.99	645.47	313.39	249.60	
MIMAROPA Region						
Bicol Region	279.84	301.28	523.08	254.55	258.82	
Western Visayas	356.17	286.78	608.60	528.06	363.98	
Central Visayas	314.62	318.35	670.60	264.24	267.60	
Eastern Visayas	308.22	253.20	402.86	288.35	327.64	
Zamboanga Peninsula						
Northern Mindanao	296.09	243.33	375.00	285.71	329.58	
Davao Region	705.68	341.62		274.86	758.40	
SOCCKSARGEN	316.28	272.13	845.53	286.18	312.18	287.15
Caraga						
ARMM						

All types of labor include man labor; man and animal labor; man and machine labor; and man, animal and machine labor

Table 36. Palay: Average wage rates of farm workers by farm activity, Philippines, 2018

(in PhP)

FARM ACTIVITY	AVERAGE WAGE RATE
Seedbed preparation	415.57
Man	292.59
Man & animal	599.92
Man & machine	1,519.36
Land preparation	430.20
Man	314.12
Man & animal	605.90
Man & machine	1,277.94
Plowing	839.31
Man	336.56
Man & animal	524.85
Man & machine	1,527.81
Rotavating	1,084.85
Man	341.34
Man & machine	1,510.09
Harrowing	782.44
Man	335.34
Man & animal	551.44
Man & machine	1,241.04
Furrowing	404.84
Man	364.19
Man & animal	700.00
Levelling	629.74
Man	348.25
Man & animal	569.90
Man & machine	1,335.47
Man, animal and machine	1,400.00
Distribution of planting materials	363.93
Mending/Care of seedlings ^{a/}	1,430.27
Pulling & bundling of seedlings	307.91
Planting/Broadcasting/Direct Seeding/Transplanting	301.90
Irrigation/Watering	327.38
Cleaning of irrigation canals	308.32
Repair of dikes	317.98
Irrigation/Watering	340.62
Care of crops	340.57
Manual weeding	291.09
Mechanical weeding	674.71
Fertilizer application	372.17
Chemical application	373.94
Picking of snails	150.00
Harvesting	394.96
Man	344.41
Man & machine	2,164.91
Threshing	980.37
Man	381.31
Man & machine	1,252.91
Hauling	488.62
Man	325.26
Man & animal	614.71
Man & machine	1,330.72
Man, animal and machine	1,308.42
Drying	295.07
Man	288.14
Man & machine	881.58
Winnowing/Blowing	684.31
Man	293.46
Man & machine	736.24
Combined Harvesting and Threshing	3,200.91
Others ^{b/}	553.10
All farm activities	
Man labor only	324.81
All types of labor ^{c/}	501.58

a/ Include bird watching

b/ Combined activity such as plowing, harrowing, rotavating, pulling & bundling of seedlings, planting, transplanting, levelling, harvesting, threshing and hauling; rice hay gathering/spreading of hay; water management & field monitoring; farm monitoring; sowing; slashing; seed soaking and incubation; and picking of

c/ Include man labor; man and animal labor; man and machine labor; and man, animal and machine labor

Table 37. Corn: Average wage rates of farm workers by farm activity, Philippines, 2018

(in PhP)

FARM ACTIVITY	AVERAGE WAGE RATE
Land preparation	262.80
Man	252.18
Man & animal	759.11
Plowing	862.86
Man	251.20
Man & animal	470.42
Man & machine	2,786.93
Rotavating	6,284.25
Man	300.00
Man & machine	6,968.55
Harrowing	841.31
Man	287.39
Man & animal	482.35
Man & machine	2,488.42
Furrowing	535.96
Man	303.38
Man & animal	523.86
Man & machine	2,053.94
Mending/Care of seedlings ^{a/}	2,352.00
Planting/Broadcasting/Direct Seeding	256.67
Irrigation/Watering	282.55
Cleaning of irrigation canals	248.12
Repair of dikes	200.00
Irrigation/Watering	283.51
Care of crops	271.10
Manual weeding	234.40
Mechanical weeding	1,200.00
Fertilizer application	265.89
Chemical application	311.52
Off-barring	423.45
Man	255.42
Man & animal	513.70
Man & machine	1,313.64
Hilling-up	427.31
Man	268.99
Man & animal	524.17
Man & machine	1,200.00
Clearing of underbrush	248.52
Harvesting	288.07
Man	263.81
Man & machine	2,296.39
Shelling	673.74
Man	293.90
Man & machine	1,141.75
Hauling	512.30
Man	282.33
Man & animal	564.65
Man & machine	1,267.80
Detasseling of corn	270.51
Drying	274.79
Man	246.79
Man & machine	1,559.26
Combined Harvesting and Shelling	5,169.63
Others ^{b/}	1,028.30
All farm activities	
Man labor only	264.29
All types of labor ^{c/}	367.67

a/ Include bird watching

b/ Combined activity such as land preparation, chemical application, furrowing, planting, harvesting, shelling and hauling; bagging; chopping/cutting of corn stalks; slashing, farm monitoring; fencing; and counting of ears

c/ Include man labor; man and animal labor; man and machine labor; and man, animal and machine labor

Table 38. Coconut: Average wage rates of farm workers by farm activity, Philippines, 2018

(in PhP)

FARM ACTIVITY	AVERAGE WAGE RATE
Land preparation	428.07
Man	345.00
Man & animal	600.00
Man & machine	1,000.00
Planting	276.26
Care of crops	285.42
Manual weeding	293.00
Fertilizer application	265.95
Chemical application	275.03
Clearing of underbrush	283.53
Rolling over of cover crops	295.03
Harvesting	372.98
Man	372.98
Gathering/Piling of nuts	306.01
Hauling	522.07
Man	290.51
Man & animal	633.70
Man & machine	1,352.78
Man, animal and machine	3,200.00
Husking	319.14
Splitting of nuts	304.32
Removal of coconut meat	276.02
Drying	286.94
Man	286.94
Others ^{a/}	426.18
All farm activities	
Man labor only	317.27
All types of labor ^{b/}	340.85

a/ Combined activity such as clearing of underbrush, manual weeding, harvesting, rolling over of cover crops, gathering/piling of nuts, hauling, splitting of nuts, removal of coconut meat, drying and packing of dried coconut; chopping of meat; smoking; and cleaning of trees

b/ All types of labor include man labor; man and animal labor; man and machine labor; and man, animal and machine labor

Table 39. Sugarcane: Average wage rates of farm workers by farm activity, Philippines, 2018

(in PhP)

FARM ACTIVITY	AVERAGE WAGE RATE
Land preparation	322.75
Man	315.01
Man & machine	1,600.00
Plowing	1,580.19
Man	537.50
Man & animal	664.62
Man & machine	2,957.12
Harrowing	1,803.23
Man	551.58
Man & animal	602.77
Man & machine	2,713.86
Furrowing	886.80
Man	438.51
Man & animal	598.30
Man & machine	2,420.99
Cutting of planting materials	252.18
Planting	283.19
Irrigation/Watering	288.98
Cleaning of irrigation canals	242.86
Irrigation/Watering	294.93
Care of crops	278.14
Manual weeding	264.02
Fertilizer application	292.98
Chemical application	350.85
Off-barring	585.01
Man	270.93
Man & animal	626.57
Man & machine	1,963.75
Hilling-up	539.29
Man	277.78
Man & animal	577.81
Man & machine	1,985.54
Clearing of underbrush	251.22
Harvesting	278.89
Man	275.37
Man & machine	1,079.08
Hauling	396.29
Man	254.18
Man & animal	632.92
Man & machine	2,444.81
Others ^{a/}	460.43
All farm activities	
Man labor only	273.38
All types of labor ^{b/}	344.45

a/ Combined activity such as plowing, harrowing, furrowing, harvesting & hauling; burning and stubble shaving; cutting of vines; removal/clearing of dried leaves; and clearing of stumps

b/ Include man labor; man and animal labor; man and machine labor; and man, animal and machine labor

Table 40. Palay: Average number of mandays per hectare by source of labor, sex and region, Philippines, 2018

REGION	OPERATOR LABOR		FAMILY LABOR		HIRED LABOR		TOTAL		BOTH SEXES
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
PHILIPPINES	5.48	0.38	3.56	1.27	25.50	4.20	34.53	5.85	40.38
CAR	8.22	1.00	7.28	3.83	22.72	9.26	38.22	14.09	52.31
Ilocos Region	4.75	0.10	3.47	1.76	16.47	4.07	24.69	5.93	30.62
Cagayan Valley	2.84	a/	1.38	0.11	19.47	4.42	23.68	4.53	28.21
Central Luzon	4.11	a/	1.75	0.09	20.95	3.27	26.81	3.37	30.18
CALABARZON	4.88	0.31	1.20	0.36	31.87	4.33	37.95	5.00	42.95
MIMAROPA Region	4.52	0.04	1.75	0.50	21.29	3.74	27.56	4.29	31.85
Bicol Region	6.15	0.12	4.43	1.93	36.50	4.95	47.08	7.00	54.08
Western Visayas	3.78	0.21	3.31	0.95	26.72	2.86	33.81	4.03	37.83
Central Visayas	10.09	0.84	5.73	3.59	33.52	11.53	49.34	15.96	65.30
Eastern Visayas	7.54	0.05	4.83	1.87	36.03	7.56	48.40	9.48	57.87
Zamboanga Peninsula	5.98	0.04	2.71	1.39	37.22	3.73	45.91	5.17	51.08
Northern Mindanao	6.06	1.11	2.12	0.68	19.20	1.81	27.38	3.59	30.98
Davao Region	5.16	0.18	2.24	0.69	37.02	3.11	44.42	3.99	48.41
SOCCKSARGEN	2.73	0.01	1.96	0.32	19.35	4.05	24.03	4.38	28.41
Caraga	4.99	0.10	1.47	0.75	24.59	3.91	31.04	4.76	35.81
ARMM	11.81	2.83	18.62	6.11	19.08	0.58	49.50	9.53	59.03

a/ Less than 0.01 manday

Table 41. Palay: Percentage distribution of labor by source, sex and region, Philippines, 2018

REGION	OPERATOR LABOR			FAMILY LABOR			HIRED LABOR			TOTAL	
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	MALE	FEMALE
PHILIPPINES	14.51	13.57	0.94	11.94	8.80	3.14	73.54	63.14	10.40	85.51	14.49
CAR	17.62	15.71	1.91	21.24	13.92	7.32	61.15	43.44	17.71	73.07	26.93
Ilocos Region	15.82	15.51	0.31	17.09	11.34	5.75	67.08	53.78	13.30	80.63	19.37
Cagayan Valley	10.07	10.06	0.01	5.26	4.88	0.38	84.68	69.00	15.68	83.94	16.06
Central Luzon	13.62	13.62		6.10	5.79	0.31	80.27	69.43	10.84	88.84	11.16
CALABARZON	12.08	11.35	0.73	3.64	2.81	0.83	84.28	74.20	10.08	88.36	11.64
MIMAROPA Region	14.33	14.20	0.13	7.06	5.50	1.56	78.60	66.84	11.76	86.54	13.46
Bicol Region	11.58	11.37	0.21	11.76	8.19	3.57	76.65	67.49	9.16	87.05	12.95
Western Visayas	10.54	9.98	0.56	11.28	8.76	2.52	78.19	70.62	7.57	89.36	10.64
Central Visayas	16.75	15.46	1.29	14.27	8.77	5.50	68.99	51.33	17.66	75.55	24.45
Eastern Visayas	13.12	13.03	0.09	11.57	8.34	3.23	75.31	62.25	13.06	83.63	16.37
Zamboanga Peninsula	11.78	11.70	0.08	8.03	5.31	2.72	80.18	72.87	7.31	89.88	10.12
Northern Mindanao	23.13	19.56	3.57	9.04	6.84	2.20	67.83	61.99	5.84	88.40	11.60
Davao Region	11.03	10.65	0.38	6.06	4.63	1.43	82.91	76.48	6.43	91.76	8.24
SOCCKSARGEN	9.63	9.59	0.04	8.01	6.89	1.12	82.36	68.10	14.26	84.58	15.42
Caraga	14.20	13.93	0.27	6.21	4.10	2.11	79.59	68.67	10.92	86.70	13.30
ARMM	24.80	20.00	4.80	41.90	31.54	10.36	33.31	32.32	0.99	83.86	16.14

Table 42. Palay: Average number of mandays per hectare by farm activity, source of labor and sex, Philippines, 2018

FARM ACTIVITY	OPERATOR LABOR		FAMILY LABOR		HIRED LABOR		TOTAL		BOTH SEXES
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
Seedbed preparation	0.33	0.01	0.14	0.02	0.28	a/	0.75	0.03	0.78
Man	0.23	0.01	0.09	0.02	0.23	a/	0.55	0.03	0.57
Man & animal	0.06		0.04		0.04	a/	0.14	a/	0.14
Man & machine	0.04		0.01		0.02		0.07		0.07
Man, animal and machine	a/		a/				a/		a/
Land preparation	0.04	a/	0.02	a/	0.09		0.15	a/	0.15
Man	0.03	a/	0.01	a/	0.07		0.11	a/	0.11
Man & animal	0.01		0.01		0.01		0.02		0.02
Man & machine	a/		a/		0.01		0.01		0.01
Plowing	0.47	0.02	0.22	a/	1.44	a/	2.13	0.02	2.15
Man	0.05	0.01	0.03	a/	0.31	a/	0.39	0.02	0.40
Man & animal	0.24	0.01	0.11	a/	0.62		0.98	0.01	0.99
Man & machine	0.17	a/	0.07	a/	0.51	a/	0.75	a/	0.75
Man, animal and machine	a/		a/				0.01		0.01
Rotavating	0.01		0.01		0.19		0.20		0.20
Man					0.07		0.07		0.07
Man & machine	0.01		0.01		0.12		0.14		0.14
Harrowing	0.33	0.02	0.18	a/	1.22	a/	1.74	0.02	1.76
Man	0.03	0.01	0.01	a/	0.32		0.36	0.01	0.38
Man & animal	0.16	a/	0.09	a/	0.40		0.64	0.01	0.65
Man & machine	0.14		0.08	a/	0.51	a/	0.73	a/	0.73
Man, animal and machine	a/		a/				a/		a/
Furrowing					a/		a/		a/
Man					a/		a/		a/
Man & animal					a/		a/		a/
Levelling	0.07	a/	0.02	a/	0.25	a/	0.34	a/	0.34
Man	0.01	a/	a/	a/	0.06	a/	0.07	a/	0.07
Man & animal	0.05		0.02	a/	0.15		0.21	a/	0.22
Man & machine	0.01		a/		0.04		0.05		0.05
Man, animal and machine					a/		a/		a/
Distribution of planting materials	a/		a/		0.03	a/	0.03		0.04
Mending/Care of seedlings^{b/}	0.13	0.05	0.01	0.02	0.04	a/	0.18	0.07	0.25
Pulling & bundling of seedlings	0.12	0.02	0.13	0.11	1.77	1.27	2.03	1.40	3.42
Planting/Broadcasting/Direct Seeding	0.20	0.01	0.29	0.14	5.36	1.57	5.85	1.72	7.57
Irrigation/Watering	0.80	0.02	0.29	0.02	1.23	a/	2.32	0.04	2.36
Cleaning of irrigation canals	0.03	a/	0.01	a/	0.09		0.13	a/	0.13
Repair of dikes	0.25	0.01	0.10	0.01	0.60	a/	0.95	0.02	0.97
Irrigation/Watering	0.52	0.01	0.17	0.01	0.55	a/	1.24	0.02	1.26
Care of crops	1.35	0.07	0.69	0.19	2.86	0.19	4.90	0.44	5.34
Manual weeding	0.53	0.05	0.31	0.16	1.14	0.17	1.97	0.38	2.35
Mechanical weeding	0.01		a/		0.03		0.04		0.04
Fertilizer application	0.40	0.01	0.19	0.02	0.74	a/	1.32	0.04	1.36
Chemical application	0.41	a/	0.19	0.01	0.96	0.01	1.56	0.02	1.58
Picking of snails	0.01		a/	a/	a/		0.01	a/	0.01
Hilling-up	a/		a/				a/		a/
Man	a/		a/				a/		a/
Harvesting	0.20	0.04	0.30	0.13	5.33	0.96	5.83	1.14	6.97
Man	0.19	0.04	0.30	0.13	5.16	0.96	5.65	1.13	6.78
Man & machine	a/		a/	a/	0.17	a/	0.18	0.01	0.19
Threshing	0.11	0.03	0.14	0.05	1.87	0.06	2.13	0.13	2.26
Man	0.07	0.02	0.09	0.03	0.56	0.04	0.73	0.10	0.82
Man & machine	0.04	a/	0.05	0.01	1.31	0.02	1.40	0.03	1.44
Hauling	0.12	0.01	0.16	0.01	1.41	a/	1.69	0.02	1.71
Man	0.06	a/	0.09	0.01	0.90	a/	1.06	0.02	1.07
Man & animal	0.04	a/	0.06	a/	0.39	a/	0.49	a/	0.50
Man & machine	0.01	a/	0.01	a/	0.12		0.14	a/	0.14
Man, animal and machine	a/		a/		a/		a/		a/
Drying	0.85	0.07	0.83	0.56	0.76	0.02	2.45	0.64	3.09
Man	0.85	0.07	0.83	0.56	0.76	0.02	2.44	0.64	3.08
Man & machine					0.01		0.01		0.01
Winnowing/Blowing	a/		a/	a/	0.03	a/	0.04	0.01	0.04
Man	a/		a/	a/	a/	a/	a/	a/	0.01
Man & machine	a/		a/	a/	0.03	a/	0.03	a/	0.03
Combined Harvesting and Threshing	a/	a/	a/	a/	0.60	0.01	0.60	0.01	0.61
Others^{c/}	0.23	0.02	0.05	0.02	0.33	0.04	0.61	0.08	0.69
All farm activities									
Man labor only	4.21	0.34	2.92	1.23	20.03	4.14	27.15	5.70	32.86
All types of labor ^{d/}	5.48	0.38	3.56	1.27	25.50	4.20	34.53	5.85	40.38

a/ Less than 0.01 manday

b/ Include bird watching

c/ Combined activity such as plowing, harrowing, rotavating, pulling & bundling of seedlings, planting, transplanting, levelling, harvesting, threshing and hauling; rice hay gathering/spreading of hay; water management & field monitoring; farm monitoring; sowing; slashing; seed soaking and incubation; and picking of snail

d/ Include man labor; man and animal labor; man and machine labor; and man, animal and machine labor

Table 43. Corn: Average number of mandays per hectare by source of labor, sex and region, Philippines, 2018

REGION	OPERATOR LABOR		FAMILY LABOR		HIRED LABOR		TOTAL		BOTH SEXES
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
PHILIPPINES	5.23	0.19	3.93	2.38	19.46	5.27	28.61	7.83	36.45
CAR	2.37	0.03	1.81	0.88	15.95	5.40	20.14	6.31	26.45
Ilocos Region	5.44	0.06	3.10	1.01	17.60	2.86	26.14	3.93	30.07
Cagayan Valley	1.04	0.04	1.08	0.37	15.94	4.96	18.05	5.37	23.42
Central Luzon	3.05		0.91	0.11	21.27	2.12	25.23	2.23	27.46
CALABARZON	1.50	0.06	0.96	0.20	15.06	3.33	17.53	3.59	21.12
MIMAROPA Region	3.73	0.14	2.72	1.97	28.01	10.13	34.47	12.24	46.70
Bicol Region	7.22	0.12	3.28	3.44	20.17	4.29	30.66	7.85	38.51
Western Visayas	4.26	0.07	3.16	1.71	24.80	9.00	32.22	10.77	42.99
Central Visayas	14.55	1.62	6.61	11.18	12.17	5.47	33.33	18.26	51.60
Eastern Visayas	17.63	0.32	14.68	12.91	18.51	3.06	50.83	16.29	67.12
Zamboanga Peninsula	5.64	0.29	4.56	4.93	15.83	3.59	26.03	8.82	34.84
Northern Mindanao	8.48	0.75	4.98	2.23	23.90	4.29	37.36	7.28	44.64
Davao Region	6.60	0.15	4.32	3.23	18.89	3.80	29.81	7.17	36.98
SOCCKSARGEN	1.99	0.03	2.05	1.23	20.98	8.66	25.02	9.93	34.94
Caraga	1.33	0.05	0.86	0.51	21.97	11.32	24.15	11.88	36.03
ARMM	22.17		29.72	6.08	20.32	2.65	72.22	8.73	80.95

Table 44. Corn: Percentage distribution of labor by source, sex and region, Philippines, 2018

REGION	OPERATOR LABOR			FAMILY LABOR			HIRED LABOR			TOTAL	
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	MALE	FEMALE
PHILIPPINES	14.85	14.34	0.51	17.31	10.78	6.53	67.85	53.39	14.46	78.51	21.49
CAR	9.09	8.97	0.12	10.17	6.84	3.33	80.73	60.32	20.41	76.13	23.87
Ilocos Region	18.28	18.09	0.19	13.67	10.30	3.37	68.04	58.54	9.50	86.93	13.07
Cagayan Valley	4.62	4.45	0.17	6.18	4.60	1.58	89.21	68.04	21.17	77.08	22.92
Central Luzon	11.10	11.10		3.70	3.31	0.39	85.21	77.47	7.74	91.87	8.13
CALABARZON	7.38	7.11	0.27	5.50	4.55	0.95	87.11	71.34	15.77	83.01	16.99
MIMAROPA Region	8.30	8.00	0.30	10.04	5.83	4.21	81.66	59.97	21.69	73.80	26.20
Bicol Region	19.05	18.75	0.30	17.45	8.51	8.94	63.51	52.36	11.15	79.61	20.39
Western Visayas	10.07	9.91	0.16	11.31	7.34	3.97	78.61	57.68	20.93	74.94	25.06
Central Visayas	31.34	28.20	3.14	34.47	12.81	21.66	34.18	23.59	10.59	64.60	35.40
Eastern Visayas	26.75	26.27	0.48	41.12	21.88	19.24	32.13	27.57	4.56	75.72	24.28
Zamboanga Peninsula	17.03	16.18	0.85	27.24	13.08	14.16	55.73	45.44	10.29	74.70	25.30
Northern Mindanao	20.68	18.99	1.69	16.16	11.15	5.01	63.17	53.55	9.62	83.69	16.31
Davao Region	18.24	17.84	0.40	20.40	11.68	8.72	61.36	51.09	10.27	80.61	19.39
SOCCKSARGEN	5.79	5.69	0.10	9.39	5.86	3.53	84.82	60.04	24.78	71.59	28.41
Caraga	3.81	3.68	0.13	3.81	2.39	1.42	92.39	60.97	31.42	67.03	32.97
ARMM	27.39	27.39		44.23	36.72	7.51	28.38	25.11	3.27	89.22	10.78

Table 45. Corn: Average number of mandays per hectare by farm activity, source of labor and sex, Philippines, 2018

FARM ACTIVITY	OPERATOR LABOR		FAMILY LABOR		HIRED LABOR		TOTAL		BOTH SEXES
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
Land preparation	0.13	a/	0.09	0.03	0.16	0.02	0.37	0.05	0.43
Man	0.10	a/	0.08	0.03	0.15	0.02	0.33	0.05	0.38
Man & animal	0.02		0.02		a/		0.04		0.04
Man & machine	a/						a/		a/
Man, animal and machine	a/						a/		a/
Plowing	0.43		0.19	0.01	0.97	a/	1.60	0.01	1.61
Man	0.02		a/	0.01	0.15		0.18	0.01	0.19
Man & animal	0.39		0.19	a/	0.64		1.22	a/	1.22
Man & machine	0.01		a/		0.18	a/	0.20	a/	0.20
Man, animal and machine	a/						a/		a/
Rotavating					0.01		0.01		0.01
Man					a/		a/		a/
Man & machine					0.01		0.01		0.01
Harrowing	0.24		0.13	a/	0.37	a/	0.73	a/	0.73
Man	0.01		a/	a/	0.06		0.07	a/	0.07
Man & animal	0.21		0.11	a/	0.24	a/	0.56	a/	0.56
Man & machine	0.02		a/		0.07	a/	0.09	a/	0.09
Man, animal and machine	a/		a/				0.01		0.01
Furrowing	0.32	a/	0.13	a/	0.82	a/	1.28	0.01	1.28
Man	0.02	a/	0.01	a/	0.15		0.18	a/	0.18
Man & animal	0.29		0.12	a/	0.65	a/	1.06	a/	1.06
Man & machine	0.01		a/		0.03		0.04		0.04
Man, animal and machine	a/						a/		a/
Levelling	a/		a/				0.01		0.01
Man & machine	a/		a/				0.01		0.01
Mending/Care of seedlings^{b/}	a/		a/		a/		a/		a/
Planting/Broadcasting/Direct Seeding	0.33	0.02	0.39	0.31	2.53	1.53	3.25	1.86	5.11
Irrigation/Watering	0.14	a/	0.04	a/	0.28		0.47	a/	0.47
Cleaning of irrigation canals	a/		a/		0.01		0.01		0.01
Repair of dikes	a/		a/		a/		a/		a/
Irrigation/Watering	0.14	a/	0.04	a/	0.27		0.46	a/	0.46
Care of crops	1.14	0.05	0.72	0.43	3.15	0.53	5.01	1.01	6.02
Manual weeding	0.48	0.03	0.28	0.25	0.66	0.12	1.42	0.39	1.81
Mechanical weeding	a/				0.00		0.00		0.00
Fertilizer application	0.37	0.02	0.30	0.18	1.56	0.41	2.23	0.60	2.83
Chemical application	0.29	a/	0.14	0.01	0.93	0.01	1.36	0.02	1.38
Off-barring	0.17		0.06	0.01	0.26	a/	0.49	0.01	0.50
Man	0.03		0.01	a/	0.11	a/	0.15	a/	0.16
Man & animal	0.14		0.05	a/	0.13		0.33	a/	0.33
Man & machine	a/				0.01		0.01		0.01
Hilling-up	0.21	a/	0.11	0.02	0.30	a/	0.62	0.02	0.65
Man	0.05	a/	0.04	0.02	0.13	a/	0.22	0.02	0.24
Man & animal	0.16	a/	0.07	a/	0.17		0.40	a/	0.40
Man & machine					a/		a/		a/
Clearing of underbrush	0.01		a/	a/	0.02		0.03	a/	0.03
Rolling over of cover crops	a/			a/			a/	a/	a/
Harvesting	0.44	0.02	0.59	0.44	4.69	2.72	5.72	3.18	8.90
Man	0.44	0.02	0.59	0.44	4.61	2.71	5.65	3.17	8.81
Man & machine				a/	0.08	0.01	0.08	0.01	0.09
Shelling	0.41	0.03	0.47	0.60	1.31	0.12	2.18	0.75	2.93
Man	0.39	0.03	0.44	0.60	0.68	0.10	1.51	0.73	2.24
Man & machine	0.02		0.03	0.01	0.63	0.01	0.67	0.02	0.69
Hauling	0.18	a/	0.18	0.03	1.23	0.01	1.60	0.05	1.64
Man	0.07	a/	0.08	0.02	0.51	0.01	0.66	0.03	0.69
Man & animal	0.10	a/	0.08	0.01	0.61	a/	0.79	0.01	0.80
Man & machine	0.02	a/	0.02	a/	0.12	a/	0.15	a/	0.15
Man, animal and machine	a/		a/				a/		a/
Detasseling of corn	0.02	a/	0.02	0.01	0.11	0.09	0.15	0.10	0.25
Drying	0.59	0.04	0.59	0.38	2.13	0.04	3.32	0.45	3.77
Man	0.59	0.04	0.59	0.38	2.09	0.04	3.27	0.45	3.72
Man & machine	a/		a/		0.05	a/	0.05	a/	0.05
Combined Harvesting and Shelling					0.01		0.01		0.01
Others^{c/}	0.14	0.01	0.01	a/	0.20	0.01	0.36	0.03	0.38
All farm activities									
Man labor only	3.54	0.17	3.16	2.35	15.43	5.23	22.13	7.75	29.89
All types of labor^{d/}	5.23	0.19	3.93	2.38	19.46	5.27	28.61	7.83	36.45

a/ Less than 0.01 manday

b/ Include bird watching

c/ Combined activity such as land preparation, chemical application, furrowing, planting, harvesting, shelling and hauling; bagging; chopping/cutting of corn stalks; slashing, farm monitoring; fencing; and counting of ears

d/ Include man labor; man and animal labor; man and machine labor; and man, animal and machine labor

Table 46. Coconut: Average number of mandays per hectare by source of labor, sex and region, Philippines, 2018

REGION	OPERATOR LABOR		FAMILY LABOR		HIRED LABOR		TOTAL		BOTH SEXES
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
PHILIPPINES	2.05	0.03	2.71	0.67	15.30	0.25	20.06	0.95	21.00
CAR									
Ilocos Region	0.50	0.29			29.76		30.26	0.29	30.55
Cagayan Valley	1.22		1.14		5.59		7.95		7.95
Central Luzon	1.13		0.20	0.03	34.41		35.74	0.03	35.77
CALABARZON	1.95	0.01	0.64	0.07	16.37		18.96	0.08	19.04
MIMAROPA Region	0.49	0.01	1.11	0.15	10.47	0.07	12.07	0.22	12.29
Bicol Region	1.94		1.85	0.38	12.09	0.07	15.88	0.45	16.34
Western Visayas	1.08	0.27	1.71	0.82	13.59	0.12	16.38	1.22	17.60
Central Visayas	1.70	0.06	1.53	0.43	9.22	0.29	12.45	0.77	13.22
Eastern Visayas	2.30		3.68	0.46	9.50	0.07	15.48	0.53	16.01
Zamboanga Peninsula	3.25	0.02	2.64	2.43	10.70	0.16	16.59	2.61	19.20
Northern Mindanao	0.74	a/	0.25	0.25	8.75	0.26	9.74	0.51	10.25
Davao Region	5.24	0.25	4.36	0.43	19.53	1.23	29.13	1.92	31.05
SOCCSKSARGEN	2.39		3.95	1.35	25.05	1.18	31.39	2.52	33.91
Caraga	1.22	a/	0.98	0.41	20.40	0.08	22.61	0.49	23.10
ARMM	2.20		7.19	1.27	22.73	0.02	32.12	1.29	33.41

a/ Less than 0.01 manday

Table 47. Coconut: Percentage distribution of labor by source, sex and region, Philippines, 2018

REGION	OPERATOR LABOR			FAMILY LABOR			HIRED LABOR			TOTAL	
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	MALE	FEMALE
PHILIPPINES	9.90	9.75	0.15	16.07	12.89	3.18	74.03	72.86	1.17	95.49	4.51
CAR											
Ilocos Region	2.58	1.62	0.96				97.41	97.41		99.04	0.96
Cagayan Valley	15.38	15.38		14.30	14.30		70.32	70.32		100.00	
Central Luzon	3.15	3.15		0.65	0.56	0.09	96.20	96.20		99.91	0.09
CALABARZON	10.27	10.23	0.04	3.74	3.36	0.38	85.99	85.99		99.58	0.42
MIMAROPA Region	4.05	3.98	0.07	10.18	9.00	1.18	85.77	85.20	0.57	98.18	1.82
Bicol Region	11.89	11.89		13.67	11.33	2.34	74.45	74.00	0.45	97.22	2.78
Western Visayas	7.70	6.14	1.56	14.38	9.70	4.68	77.92	77.24	0.68	93.08	6.92
Central Visayas	13.34	12.87	0.47	14.77	11.55	3.22	71.89	69.73	2.16	94.14	5.86
Eastern Visayas	14.40	14.40		25.86	22.98	2.88	59.74	59.32	0.42	96.70	3.30
Zamboanga Peninsula	17.02	16.93	0.09	26.43	13.76	12.67	56.55	55.72	0.83	86.41	13.59
Northern Mindanao	7.29	7.26	0.03	4.79	2.40	2.39	87.91	85.38	2.53	95.05	4.95
Davao Region	17.69	16.88	0.81	15.45	14.06	1.39	66.86	62.89	3.97	93.82	6.18
SOCCSKSARGEN	7.05	7.05		15.61	11.64	3.97	77.34	73.87	3.47	92.56	7.44
Caraga	5.30	5.29	0.01	6.03	4.24	1.79	88.66	88.33	0.33	97.86	2.14
ARMM	6.60	6.60		25.31	21.51	3.80	68.09	68.04	0.05	96.15	3.85

Table 48. Coconut: Average number of mandays per hectare by farm activity, source of labor and sex, Philippines, 2018

FARM ACTIVITY	OPERATOR LABOR		FAMILY LABOR		HIRED LABOR		TOTAL		BOTH SEXES
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
Seedbed preparation	a/		a/				a/		a/
Man	a/		a/				a/		a/
Land preparation	0.01	a/	a/	a/	0.01		0.02	a/	0.03
Man	a/	a/	a/	a/	0.01		0.02	a/	0.02
Man & animal	a/				a/		0.01		0.01
Man & machine					a/		a/		a/
Planting	0.09	a/	0.05	a/	0.14	a/	0.28	0.01	0.29
Care of crops	0.11	a/	0.07	0.03	0.56	a/	0.74	0.04	0.78
Manual weeding	0.07	a/	0.04	0.03	0.39	a/	0.50	0.03	0.53
Fertilizer application	0.04	a/	0.02	a/	0.14	a/	0.20	0.01	0.21
Chemical application	a/		a/		0.03		0.04		0.04
Clearing of underbrush	0.29	a/	0.27	0.01	1.63	0.01	2.19	0.02	2.21
Rolling over of cover crops	0.05	a/	0.04	0.01	0.14		0.23	0.01	0.24
Harvesting	0.13		0.12	0.01	4.08	a/	4.33	0.01	4.34
Man	0.13		0.12	0.01	4.08	a/	4.33	0.01	4.34
Gathering/Piling of nuts	0.30	0.01	0.55	0.19	1.54	0.04	2.39	0.24	2.63
Hauling	0.17	a/	0.24	0.02	1.35	a/	1.76	0.02	1.78
Man	0.09	a/	0.11	0.02	0.68	a/	0.88	0.02	0.90
Man & animal	0.07		0.09	a/	0.55	a/	0.72	a/	0.72
Man & machine	0.01		0.04		0.11		0.16		0.16
Man, animal and machine					a/		a/		a/
Husking	0.09		0.08	a/	1.30	0.01	1.47	0.01	1.49
Splitting of nuts	0.17	a/	0.25	0.07	1.93	0.09	2.35	0.17	2.52
Removal of coconut meat	0.19	a/	0.41	0.14	1.21	0.05	1.81	0.20	2.01
Drying	0.39	0.01	0.59	0.16	0.91	0.02	1.90	0.20	2.09
Man	0.39	0.01	0.59	0.16	0.91	0.02	1.90	0.20	2.09
Man & machine			a/				a/		a/
Others ^{b/}	0.02	a/	0.01	0.01	0.35	a/	0.38	0.01	0.39
All farm activities									
Man labor only	1.94	0.03	2.56	0.66	14.28	0.24	18.78	0.93	19.72
All types of labor ^{c/}	2.05	0.03	2.71	0.67	15.30	0.25	20.06	0.95	21.00

a/ Less than 0.01 manday

b/ Combined activity such as clearing of underbrush, manual weeding, harvesting, rolling over of cover crops, gathering/piling of nuts, hauling, splitting of nuts, removal of coconut meat,

c/ All types of labor include man labor; man and animal labor; man and machine labor; and man, animal and machine labor

Table 49. Sugarcane: Average number of mandays per hectare by source of labor, sex and region, Philippines, 2018

REGION	OPERATOR LABOR		FAMILY LABOR		HIRED LABOR		TOTAL		BOTH SEXES
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
PHILIPPINES	1.65	0.01	0.37	0.24	46.77	6.42	48.79	6.67	55.46
CAR									
Ilocos Region	9.88		4.05		34.55	0.25	48.49	0.25	48.73
Cagayan Valley	1.94	0.01	0.28	0.73	17.82	7.44	20.05	8.18	28.23
Central Luzon	1.33		0.57	0.07	32.05	1.93	33.95	2.00	35.95
CALABARZON	2.22		0.04		50.12	1.82	52.39	1.82	54.21
MIMAROPA Region									
Bicol Region	12.41		3.57	1.31	59.83	5.22	75.80	6.52	82.33
Western Visayas	0.85	0.04	0.06	0.37	64.31	14.62	65.22	15.03	80.25
Central Visayas	0.21		0.12	0.01	40.37	5.12	40.70	5.13	45.83
Eastern Visayas	0.03		0.08	0.05	77.28	4.38	77.39	4.43	81.82
Zamboanga Peninsula									
Northern Mindanao	0.32		0.01	0.04	36.80	3.90	37.13	3.94	41.06
Davao Region	0.35		0.32	0.06	36.26		36.93	0.06	36.99
SOCCKSARGEN	0.99		0.15	0.21	50.60	7.15	51.73	7.36	59.09
Caraga									
ARMM									

Table 50. Sugarcane: Percentage distribution of labor by source, sex and region, Philippines, 2018

REGION	OPERATOR LABOR			FAMILY LABOR			HIRED LABOR			TOTAL	
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	MALE	FEMALE
PHILIPPINES	2.98	2.97	0.01	1.10	0.67	0.43	95.91	84.33	11.58	87.97	12.03
CAR											
Ilocos Region	20.28	20.28		8.31	8.31		71.41	70.90	0.51	99.49	0.51
Cagayan Valley	6.93	6.89	0.04	3.57	1.00	2.57	89.50	63.14	26.36	71.03	28.97
Central Luzon	3.70	3.70		1.78	1.58	0.20	94.53	89.15	5.38	94.43	5.57
CALABARZON	4.10	4.10		0.07	0.07		95.82	92.46	3.36	96.64	3.36
MIMAROPA Region											
Bicol Region	15.07	15.07		5.93	4.34	1.59	79.01	72.67	6.34	92.08	7.92
Western Visayas	1.11	1.06	0.05	0.54	0.08	0.46	98.35	80.13	18.22	81.27	18.73
Central Visayas	0.46	0.46		0.27	0.25	0.02	99.27	88.10	11.17	88.81	11.19
Eastern Visayas	0.04	0.04		0.16	0.10	0.06	99.80	94.45	5.35	94.59	5.41
Zamboanga Peninsula											
Northern Mindanao	0.78	0.78		0.12	0.02	0.10	99.10	89.61	9.49	90.41	9.59
Davao Region	0.95	0.95		1.02	0.87	0.15	98.04	98.04		99.85	0.15
SOCCKSARGEN	1.67	1.67		0.61	0.25	0.36	97.73	85.63	12.10	87.55	12.45
Caraga											
ARMM											

Table 51. Sugarcane: Average number of mandays per hectare by farm activity, source of labor and sex, Philippines, 2018

FARM ACTIVITY	OPERATOR LABOR		FAMILY LABOR		HIRED LABOR		TOTAL		BOTH SEXES
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
Land preparation	0.03		a/	a/	0.40	0.01	0.43	0.01	0.44
Man	0.03		a/	a/	0.40	0.01	0.43	0.01	0.44
Man & machine					a/		a/		a/
Plowing	0.02		0.01		0.32		0.36		0.36
Man	0.01		0.01		0.02		0.04		0.04
Man & animal	0.01		a/		0.17		0.19		0.19
Man & machine					0.13		0.13		0.13
Harrowing	0.01		a/		0.25		0.27		0.27
Man	a/				0.02		0.02		0.02
Man & animal	0.01		a/		0.09		0.10		0.10
Man & machine	a/		a/		0.14		0.15		0.15
Furrowing	0.04		0.01		0.26		0.31		0.31
Man	a/		a/		0.03		0.04		0.04
Man & animal	0.02		0.01		0.18		0.21		0.21
Man & machine	0.01				0.04		0.05		0.05
Cutting of planting materials	a/				0.37	0.20	0.37	0.20	0.57
Planting	0.06		0.02	0.02	2.75	1.75	2.83	1.77	4.60
Irrigation/Watering	0.02		0.01		0.11		0.14		0.14
Cleaning of irrigation canals					0.01		0.01		0.01
Irrigation/Watering	0.02		0.01		0.10		0.12		0.12
Care of crops	0.21	0.01	0.05	0.06	6.12	1.41	6.38	1.48	7.86
Manual weeding	0.07	0.01	0.01	0.03	3.93	1.10	4.01	1.14	5.15
Fertilizer application	0.09	a/	0.03	0.03	1.60	0.31	1.72	0.35	2.07
Chemical application	0.05		0.01		0.59		0.64		0.64
Off-barring	0.07		0.01	0.01	0.75	0.04	0.83	0.05	0.88
Man	0.02		a/	0.01	0.14	0.04	0.16	0.04	0.20
Man & animal	0.05		0.01		0.59	0.01	0.64	0.01	0.65
Man & machine	a/				0.02		0.02		0.02
Hilling-up	0.07		0.01	a/	0.72	0.02	0.80	0.03	0.82
Man	0.03		a/	a/	0.16	0.02	0.19	0.03	0.22
Man & animal	0.04		a/		0.54		0.59		0.59
Man & machine	a/				0.02		0.02		0.02
Clearing of underbrush					0.22	0.02	0.22	0.02	0.24
Harvesting	0.56		0.14	0.10	19.91	2.33	20.61	2.42	23.03
Man	0.56		0.14	0.10	19.81	2.33	20.51	2.42	22.94
Man & machine					0.10		0.10		0.10
Hauling	0.32		0.05	0.02	8.43	0.14	8.80	0.16	8.96
Man	0.15		0.02		7.62	0.14	7.80	0.14	7.94
Man & animal	0.16		0.03	0.02	0.30		0.49	0.02	0.52
Man & machine	0.01				0.50		0.51		0.51
Others^{b/}	0.18		0.04	0.01	4.83	0.13	5.05	0.14	5.20
All farm activities									
Man labor only	1.14	0.01	0.27	0.20	38.90	6.28	40.31	6.50	46.80
All types of labor^{c/}	1.65	0.01	0.37	0.24	46.77	6.42	48.79	6.67	55.46

a/ Less than 0.01 manday

b/ Combined activity such as plowing, harrowing, furrowing, harvesting & hauling; burning and stubble shaving; cutting of vines; removal/clearing

c/ Include man labor; man and animal labor; man and machine labor; and man, animal and machine labor

Table 52. Percentage distribution of hired workers by terms of payment, crop, sex and region, Philippines, 2018

REGION	PALAY						CORN					
	MALE		FEMALE		BOTH SEXES		MALE		FEMALE		BOTH SEXES	
	IN CASH	IN KIND	IN CASH	IN KIND	IN CASH	IN KIND	IN CASH	IN KIND	IN CASH	IN KIND	IN CASH	IN KIND
PHILIPPINES	59.27	25.99	11.80	2.82	71.07	28.81	71.64	7.40	17.70	3.08	89.34	10.47
CAR	53.47	13.97	28.99	3.37	82.46	17.34	72.24	3.82	22.55	0.70	94.80	4.53
Ilocos Region	49.26	33.39	15.10	2.25	64.36	35.64	88.88	1.05	10.08		98.95	1.05
Cagayan Valley	58.66	18.82	22.34	0.18	81.00	19.00	70.14	3.90	24.51	1.44	94.65	5.35
Central Luzon	64.01	20.55	15.28	0.14	79.29	20.70	86.79	3.24	9.97		96.76	3.24
CALABARZON	54.48	32.51	8.52	4.48	63.01	36.99	85.79	0.05	14.16		99.95	0.05
MIMAROPA Region	57.87	26.35	14.19	1.51	72.06	27.86	66.87	6.99	24.97	0.23	91.84	7.22
Bicol Region	63.05	24.63	8.40	3.88	71.45	28.52	75.29	7.21	13.58	3.92	88.87	11.13
Western Visayas	44.15	48.48	1.97	5.33	46.11	53.81	47.19	27.38	17.43	7.82	64.62	35.21
Central Visayas	32.27	43.82	12.84	11.07	45.12	54.88	38.42	26.00	12.75	22.83	51.17	48.83
Eastern Visayas	65.41	20.44	11.17	2.98	76.58	23.42	76.61	7.83	9.76	5.80	86.37	13.63
Zamboanga Peninsula	71.61	17.15	9.86	1.38	81.46	18.54	63.98	16.87	13.66	5.49	77.64	22.36
Northern Mindanao	74.74	15.26	8.87	1.12	83.61	16.39	73.30	12.03	7.07	7.61	80.36	19.64
Davao Region	54.85	37.75	4.74	2.57	59.58	40.33	75.12	9.31	13.15	2.42	88.27	11.73
SOCCSKSARGEN	48.18	37.83	8.21	4.76	56.39	42.59	70.32	1.63	26.67	1.38	96.99	3.01
Caraga	69.39	14.96	13.00	2.25	82.39	17.21	64.02	4.16	26.31	4.29	90.33	8.45
ARMM	82.50	13.77	3.64		86.14	13.77	90.82	0.83	8.35		99.17	0.83

Note: Residuals represent combination of in cash and in kind payment

Table 52. (Cont.)

REGION	COCONUT						SUGARCANE					
	MALE		FEMALE		BOTH SEXES		MALE		FEMALE		BOTH SEXES	
	IN CASH	IN KIND	IN CASH	IN KIND	IN CASH	IN KIND	IN CASH	IN KIND	IN CASH	IN KIND	IN CASH	IN KIND
PHILIPPINES	90.54	7.69	1.64	0.13	92.18	7.82	84.63	2.27	12.61	0.49	97.25	2.75
CAR												
Ilocos Region	100.00				100.00		70.75	28.57	0.68		71.43	28.57
Cagayan Valley	29.05	70.95			29.05	70.95	75.27		24.73		100.00	
Central Luzon	97.47	2.53			97.47	2.53	90.31		9.69		100.00	
CALABARZON	100.00				100.00		97.29		2.71		100.00	
MIMAROPA Region	98.37		1.63		100.00							
Bicol Region	99.27		0.73		100.00		91.06		8.94		100.00	
Western Visayas	74.55	25.19		0.26	74.55	25.45	74.99		25.01		100.00	
Central Visayas	67.29	28.57	2.48	1.66	69.77	30.23	87.14		12.86		100.00	
Eastern Visayas	75.29	23.95	0.76		76.05	23.95	95.53		4.47		100.00	
Zamboanga Peninsula	98.45		1.55		100.00							
Northern Mindanao	95.70	1.20	2.75	0.34	98.45	1.55	89.74		10.26		100.00	
Davao Region	96.75		3.25		100.00		100.00				100.00	
SOCCSKSARGEN	89.79	4.95	5.26		95.05	4.95	75.34	11.39	10.35	2.91	85.69	14.31
Caraga	86.89	12.65	0.47		87.35	12.65						
ARMM	99.55		0.45		100.00							

Note: Residuals represent combination of in cash and in kind payment

Table 52. (Cont.)

REGION	AGRICULTURE					
	MALE		FEMALE		BOTH SEXES	
	IN CASH	IN KIND	IN CASH	IN KIND	IN CASH	IN KIND
PHILIPPINES	66.48	17.79	13.04	2.58	79.51	20.36
CAR	62.14	9.29	26.02	2.14	88.16	11.42
Ilocos Region	61.65	23.65	13.17	1.53	74.82	25.18
Cagayan Valley	63.76	12.53	23.04	0.67	86.80	13.20
Central Luzon	72.55	14.17	13.17	0.09	85.72	14.27
CALABARZON	68.14	20.62	8.40	2.84	76.54	23.46
MIMAROPA Region	64.46	16.76	17.48	0.90	81.93	17.66
Bicol Region	71.22	16.20	9.23	3.33	80.44	19.54
Western Visayas	52.76	31.68	10.87	4.61	63.62	36.29
Central Visayas	47.63	30.21	12.11	10.05	59.74	40.26
Eastern Visayas	69.13	18.14	9.88	2.85	79.01	20.99
Zamboanga Peninsula	70.97	15.92	10.51	2.60	81.48	18.52
Northern Mindanao	76.25	12.51	7.96	3.28	84.21	15.79
Davao Region	63.97	27.15	6.53	2.29	70.50	29.44
SOCCSKSARGEN	64.96	15.35	16.72	2.63	81.68	17.98
Caraga	69.28	12.91	14.77	2.50	84.06	15.42
ARMM	89.23	6.20	4.53		93.76	6.20

Note: Residuals represent combination of in cash and in kind payment

Table 53. Percentage of farm households employing hired workers by farm activity, crop and sex, Philippines, 2018

FARM ACTIVITY	PALAY		CORN		COCONUT		SUGARCANE		AGRICULTURE	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
Seedbed preparation	99.07	0.93							99.07	0.93
Land preparation	100.00		92.13	7.87	100.00		96.05	3.95	96.55	3.45
Plowing	99.90	0.10	99.90	0.10			100.00		99.91	0.09
Rotavating	100.00		100.00						100.00	
Harrowing	99.95	0.05	99.64	0.36			100.00		99.88	0.12
Furrowing	100.00		99.79	0.21			100.00		99.81	0.19
Levelling	99.83	0.17							99.83	0.17
Distribution of planting materials	97.47	2.53							97.47	2.53
Mending/Care of seedlings ^{a/}	90.63	9.38	100.00						90.91	9.09
Pulling & bundling of seedlings	59.40	40.60							59.40	40.60
Cutting of planting materials							62.50	37.50	62.50	37.50
Planting/Broadcasting/Direct Seeding/Transplanting	75.54	24.46	64.42	35.58	96.83	3.17	64.71	35.29	71.19	28.81
Irrigation/Watering	99.24	0.76	100.00				100.00		99.32	0.68
Care of crops	95.70	4.30	86.59	13.41	98.67	1.33	80.55	19.45	90.91	9.09
Manual weeding	84.32	15.68	83.80	16.20	98.89	1.11	71.05	28.95	83.04	16.96
Mechanical weeding	100.00		100.00						100.00	
Fertilizer application	99.27	0.73	78.83	21.17	98.04	1.96	80.22	19.78	87.98	12.02
Chemical application	99.84	0.16	99.49	0.51	100.00		100.00		99.72	0.28
Picking of snails	100.00								100.00	
Off-barring			99.64	0.36			96.99	3.01	98.64	1.36
Hilling-up			99.72	0.28			98.25	1.75	99.24	0.76
Clearing of underbrush			100.00		97.92	2.08	94.12	5.88	97.78	2.22
Rolling over of cover crops					100.00				100.00	
Harvesting	77.55	22.45	63.29	36.71	99.84	0.16	84.62	15.38	74.98	25.02
Threshing	94.96	5.04							94.96	5.04
Shelling			90.98	9.02					90.98	9.02
Gathering/Piling of nuts					94.31	5.69			94.31	5.69
Hauling	99.73	0.27	98.00	2.00	98.19	1.81	97.84	2.16	98.89	1.11
Husking/Detasseling of corn			60.23	39.77	99.29	0.71			89.95	10.05
Splitting of nuts					94.00	6.00			94.00	6.00
Removal of coconut meat					91.95	8.05			91.95	8.05
Drying	97.06	2.94	95.95	4.05	96.58	3.42			96.49	3.51
Winnowing/Blowing	89.19	10.81							89.19	10.81
Combined Harvesting and Threshing/Shelling	97.87	2.13	100.00						97.88	2.12
Others ^{b/}	92.23	7.77	94.34	5.66	95.88	4.12	90.18	9.82	92.66	7.34

a/ Include bird watching

b/ Combined activity such as clearing of land preparation, plowing, harrowing, furrowing, rotavating, pulling & bundling of seedlings, planting, transplanting, levelling, chemical application, harvesting, threshing, shelling, hauling, clearing of underbrush, manual weeding, rolling over of cover crops, gathering/piling of nuts, splitting of nuts, removal of coconut meat, drying and packing of dried coconut; chopping of meat; smoking; and cleaning of trees; bagging; chopping/cutting of corn stalks; slashing, farm monitoring; fencing; and counting of ears; rice hay gathering/ spreading of hay; water management & field monitoring; farm monitoring; sowing; slashing; seed soaking and incubation; and picking of snail; burning and stubble shaving; cutting of vines; removal/clearing of dried leaves; and clearing of stumps



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