

# SPECIAL RELEASE

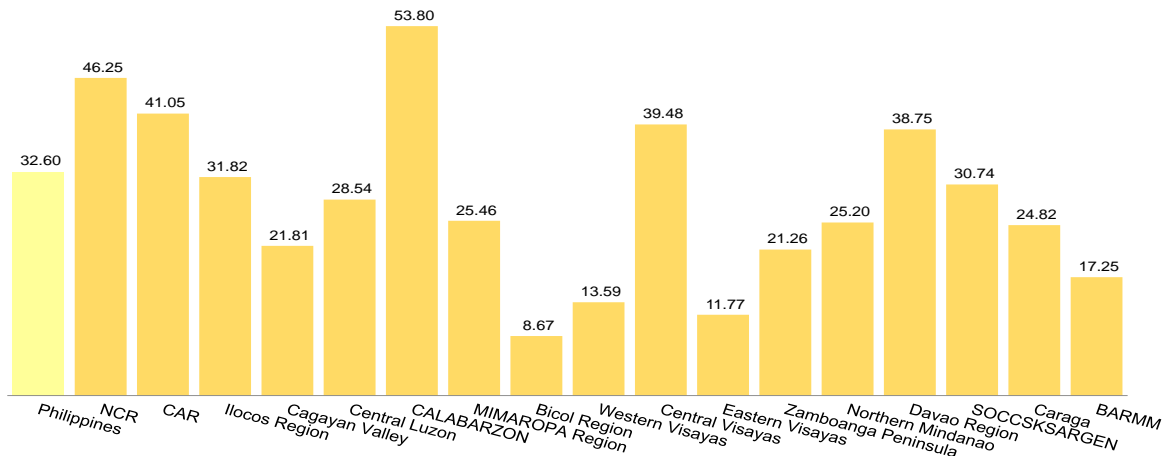
## Average Annual Per Capita Consumption of Selected Agricultural Commodities, 2018

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Reference No. 2021- 525

Based on the 2018 Family Income and Expenditure Survey (FIES), the country's annual per capita consumption of well-milled rice averaged 32.60 kilograms in 2018. By region, Region IV-A (CALABARZON) had the highest per capita consumption at 53.80 kilograms. National Capital Region (NCR) came next at 46.25 kilograms. On the other hand, lesser per capita consumptions of well-milled rice were observed in Region V (Bicol Region) and Region VIII (Eastern Visayas) at 8.67 kilograms and 11.77 kilograms, respectively. (Figure 1 and Table 1a)

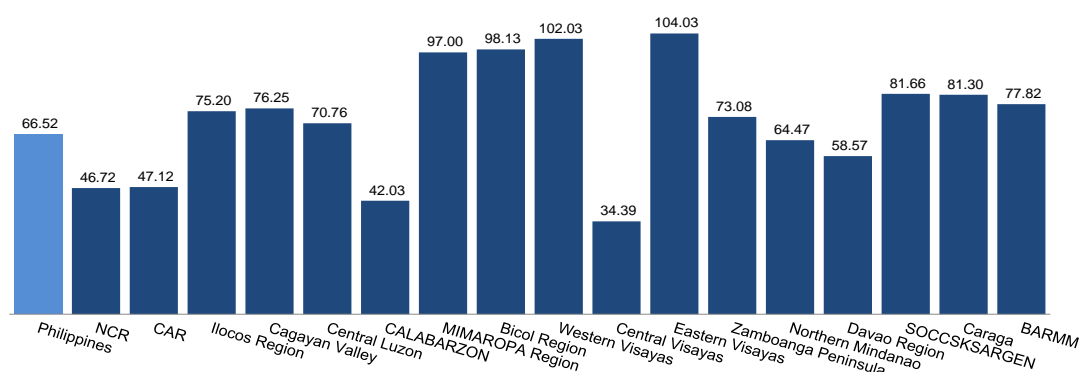
Figure 1. Average Annual Per Capita Consumption of Well-Milled Rice by Region, Philippines: 2018 (in kilograms)



Source: Philippine Statistics Authority (PSA), 2018 Family Income and Expenditure Survey (FIES)

For the regular-milled rice, the average annual per capita consumption was estimated at 66.52 kilograms. On the average, Eastern Visayas recorded the highest average annual per capita consumption among regions at 104.03 kilograms. This was followed by Region VI (Western Visayas) at 102.03 kilograms. Meanwhile, the lowest per capita consumption was reported in Region VII (Central Visayas) at 34.39 kilograms. (Figure 2 and Table 1b)

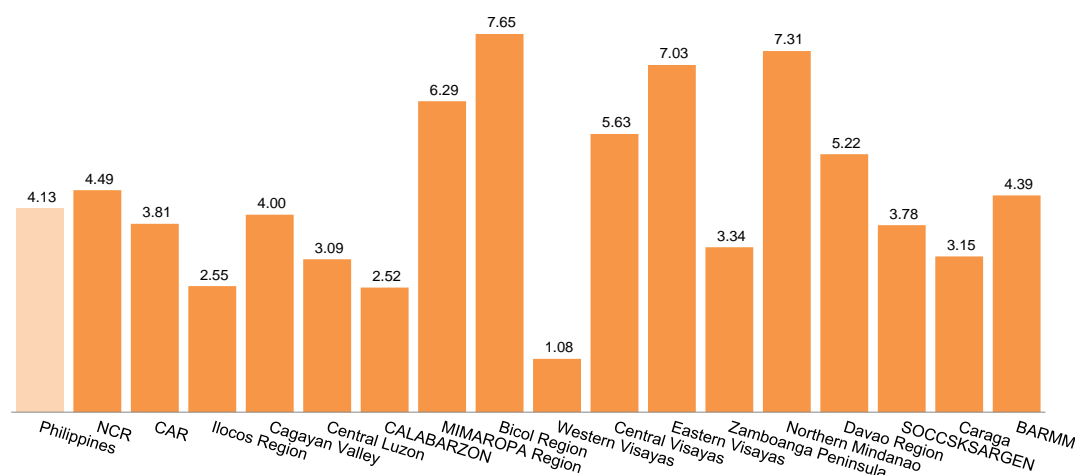
Figure 2. Average Annual Per Capita Consumption of Regular-Milled Rice by Region, Philippines: 2018 (in kilograms)



Source: PSA, 2018 FIES

Furthermore, annual per capita consumption of NFA rice averaged 4.13 kilograms. Across regions, Bicol Region posted the highest average annual per capita consumption at 7.65 kilograms. This was followed by Region X (Northern Mindanao) at 7.31 kilograms and Eastern Visayas at 7.03 kilograms. On the other hand, Western Visayas recorded the smallest per capita consumption at 1.08 kilograms. (Figure 3 and Table 1c)

Figure 3. Average Annual Per Capita Consumption of NFA Rice by Region, Philippines: 2018  
(in kilograms)



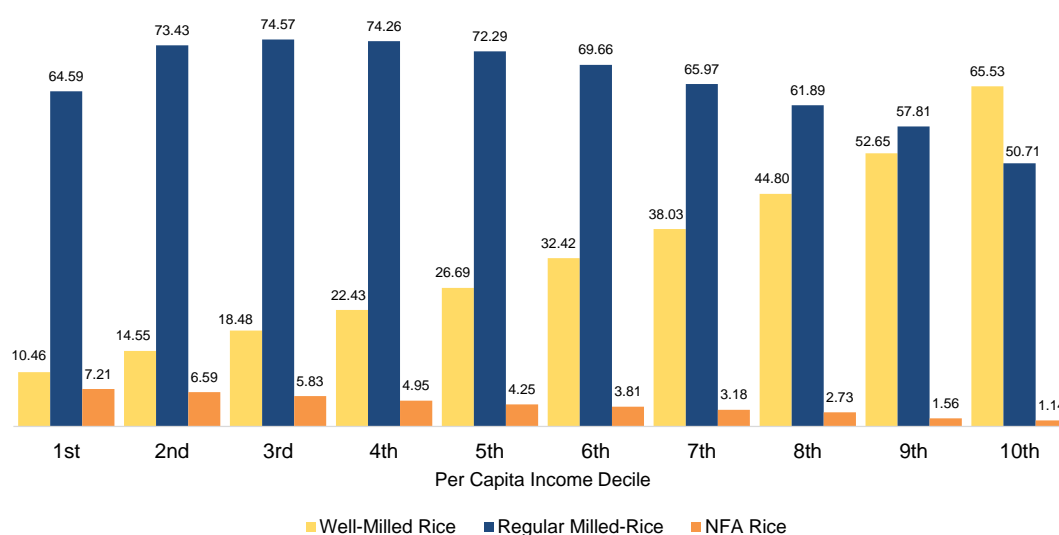
Source: PSA, 2018 FIES

By per capita income decile, the average annual per capita consumption of regular-milled rice was highest for the third decile (i.e., the third lowest income group) at 74.57 kilograms. On the other hand, the lowest per capita consumption of regular-milled rice was registered for the tenth decile or the highest 10 percent income group at 50.71 kilograms.

Moreover, average consumption of well-milled rice was noted to be higher among individuals belonging to higher income group. Annual per capita consumption ranged from 10.46 kilograms for the first decile to 65.53 kilograms for the tenth decile.

For NFA rice, the annual average per capita consumption of persons belonging to the first income decile or those considered the lowest 10 percent income group was highest at 7.21 kilograms. It was lowest at the tenth decile at 1.14 kilograms. (Figure 4 and Table 1d)

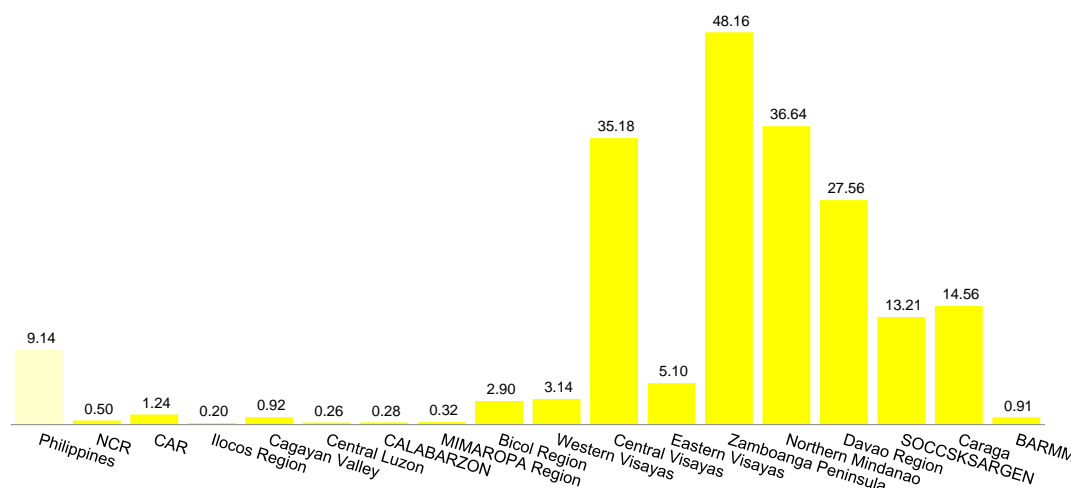
Figure 4. Average Annual Per Capita Consumption by Rice Classification and by Per Capita Income Decile, Philippines: 2018  
(in kilograms)



Source: PSA, 2018 FIES

On the average, the country's annual per capita consumption of corn was estimated at 9.14 kilograms in 2018. By region, Region IX (Zamboanga Peninsula) posted the highest per capita consumption of corn at 48.16 kilograms. This was followed by Northern Mindanao and Central Visayas with per capita consumption of 36.64 kilograms and 35.18 kilograms, respectively. In contrast, Region I (Ilocos Region) recorded the lowest consumption of corn at 0.20 kilogram per person. (Figure 5 and Table 2a)

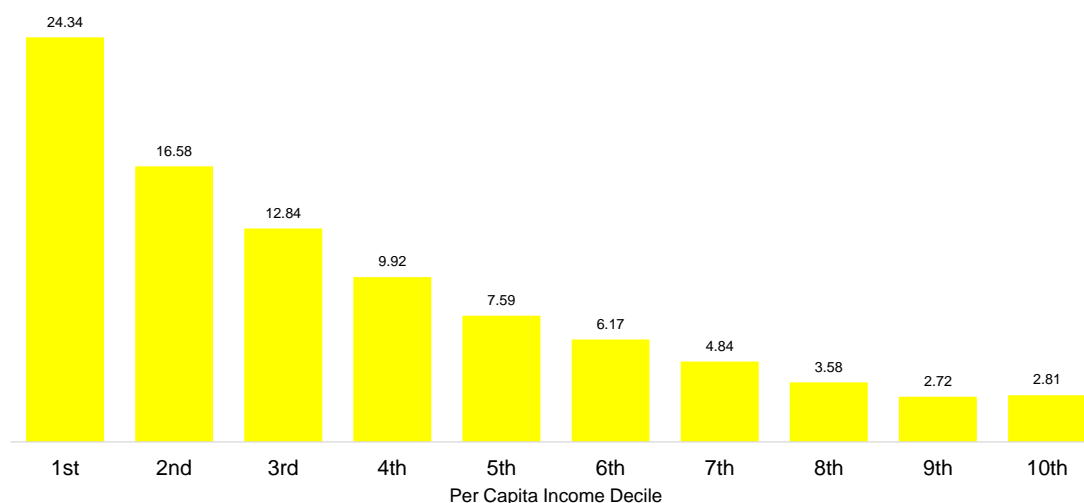
Figure 5. Average Annual Per Capita Consumption of Corn by Region, Philippines: 2018  
(in kilograms)



Source: PSA, 2018 FIES

By per capita income decile, the average annual per capita consumption of corn was observed to be higher among the individuals belonging to the lowest income groups, which ranged from 12.84 kilograms for the third decile to 24.34 kilograms for the first decile. The lowest per capita consumption of corn was recorded in the ninth decile at 2.72 kilograms. (Figure 6 and Table 2b)

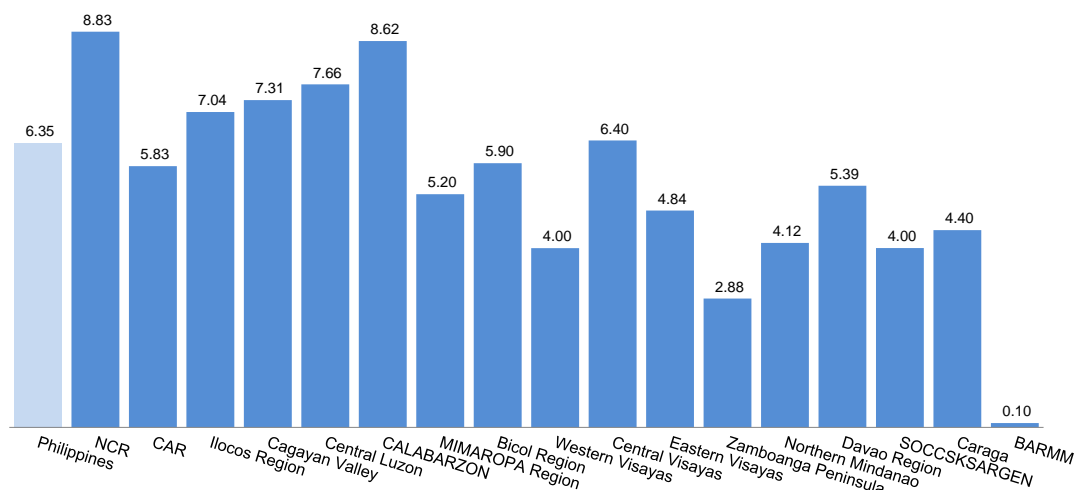
Figure 6. Average Annual Per Capita Consumption of Corn by Per Capita Income Decile, Philippines: 2018  
(in kilograms)



Source: PSA, 2018 FIES

Annual per capita consumption of pork averaged 6.35 kilograms in 2018. On a regional basis, the highest per capita consumption was observed in NCR at 8.83 kilograms. CALABARZON came next with an average annual per capita consumption of 8.62 kilograms. Conversely, Bangsamoro Autonomous Region in Muslim Mindanao (BARMM) indicated the least per capita consumption of pork at 0.10 kilogram. (Figure 7 and Table 3a)

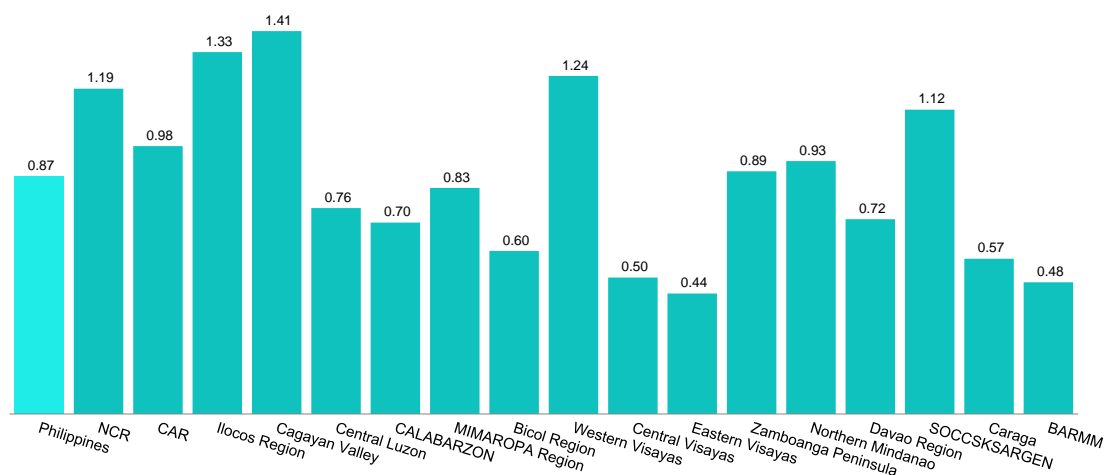
Figure 7. Average Annual Per Capita Consumption of Pork by Region, Philippines: 2018  
(in kilograms)



Source: PSA, 2018 FIES

In 2018, the country's average annual per capita consumption of beef averaged 0.87 kilogram. At the regional level, higher per capita consumptions were registered in Region II (Cagayan Valley) at 1.41 kilograms, Ilocos Region at 1.33 kilograms, and Western Visayas at 1.24 kilograms. On the other hand, Eastern Visayas had the least per capita consumption at 0.44 kilogram. (Figure 8 and Table 3b)

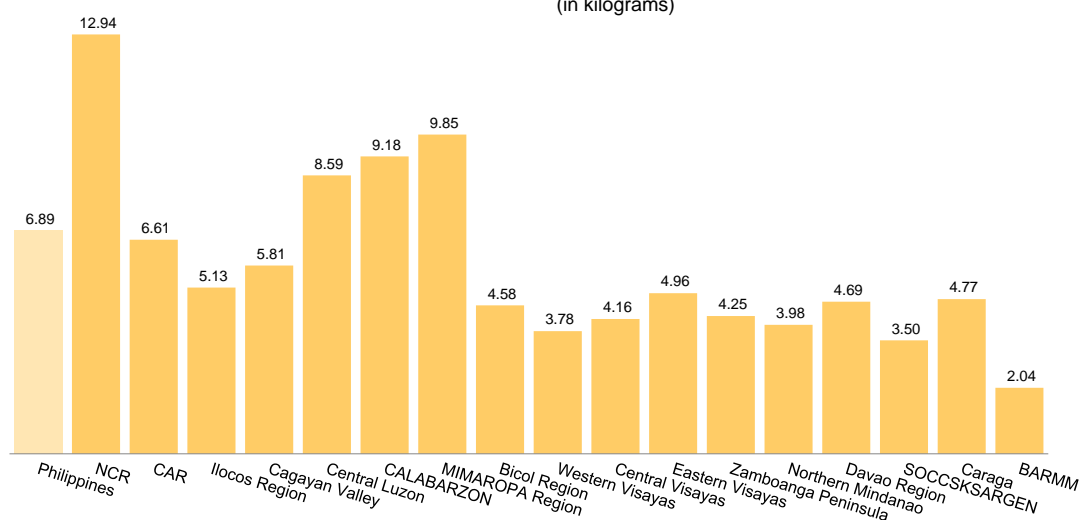
Figure 8. Average Annual Per Capita Consumption of Beef by Region, Philippines: 2018  
(in kilograms)



Source: PSA, 2018 FIES

For chicken meat, the country's annual per capita consumption averaged 6.89 kilograms. Among the regions, NCR recorded the highest per capita consumption at 12.94 kilograms. This was followed by MIMAROPA Region at 9.85 kilograms. On the other hand, the least per capita consumption of chicken meat was observed in BARMM at 2.04 kilograms. (Figure 9 and Table 3c)

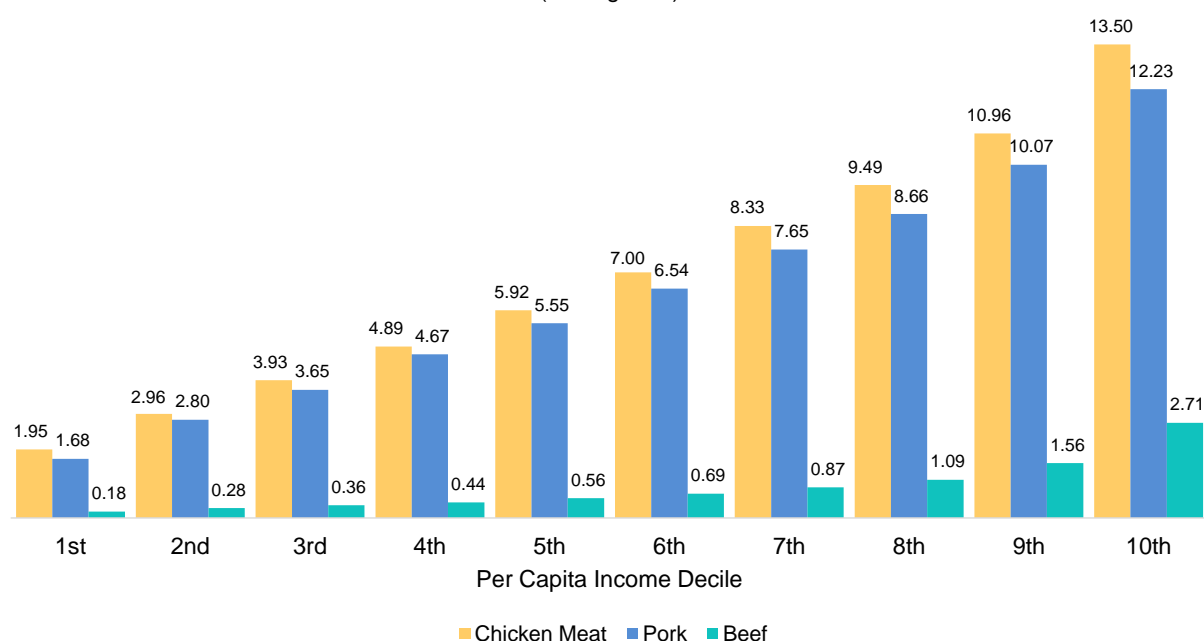
Figure 9. Average Annual Per Capita Consumption of Chicken Meat by Region Philippines: 2018  
(in kilograms)



Source: PSA, 2018 FIES

By per capita income decile, the average per capita consumption of meat was observed to be constantly highest in the tenth decile for chicken meat, pork, and beef at 13.50 kilograms, 12.23 kilograms, and 2.71 kilograms, respectively. Similarly, the lowest per capita consumption of meat was registered in the first decile at 1.95 kilograms for chicken meat, 1.68 kilograms for pork, and 0.18 kilogram for beef. (Figure 10 and Table 3d)

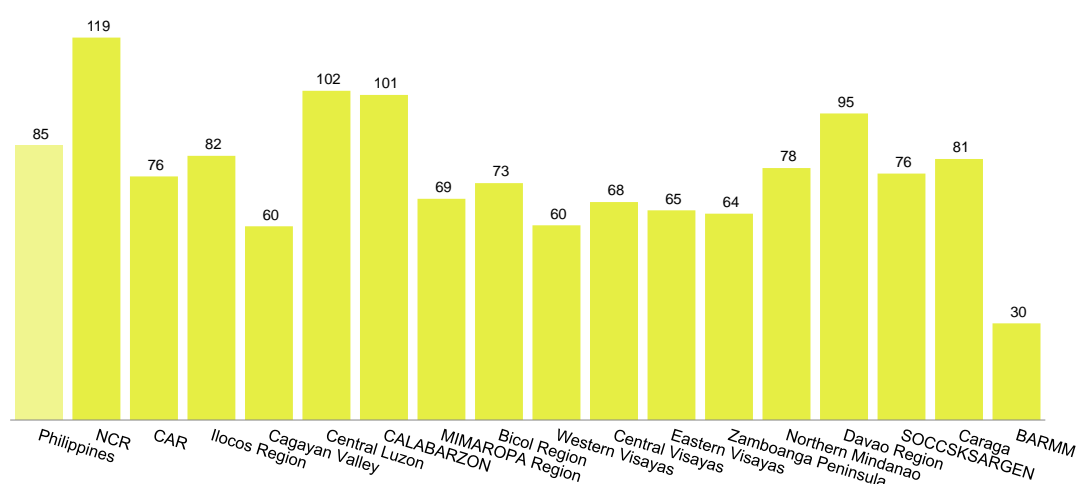
Figure 10. Average Annual Per Capita Consumption by Type of Meat and by Per Capita Income Decile, Philippines: 2018  
(in kilograms)



Source: PSA, 2018 FIES

On the average, the country's annual per capita consumption of chicken eggs was recorded at 85 pieces in 2018. Across regions, the per capita consumption was found to be highest in NCR at an average of 119 pieces. In addition, Central Luzon posted an annual per capita consumption of 102 pieces which was followed by CALABARZON at 101 pieces of chicken eggs. Meanwhile, the lowest annual per capita consumption of chicken eggs among the 17 regions was in BARMM at 30 pieces. (Figure 11 and Table 4a)

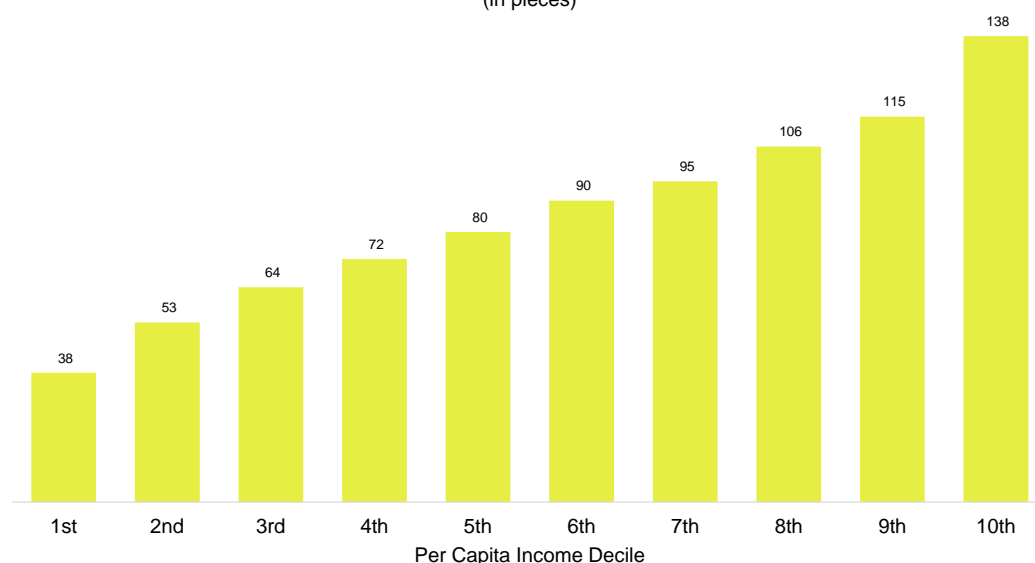
Figure 11. Average Annual Per Capita Consumption of Chicken Eggs by Region, Philippines: 2018  
(in pieces)



Source: PSA, 2018 FIES

Moreover, the average annual per capita consumption of chicken eggs relative to income decile was found to be highest among individuals belonging to higher per capita income deciles with per capita consumption at 138 pieces for the tenth decile, and 115 pieces for the ninth decile. Meanwhile, the lowest annual per capita consumption was registered in the first decile at 38 pieces of chicken eggs. (Figure 12 and Table 4b)

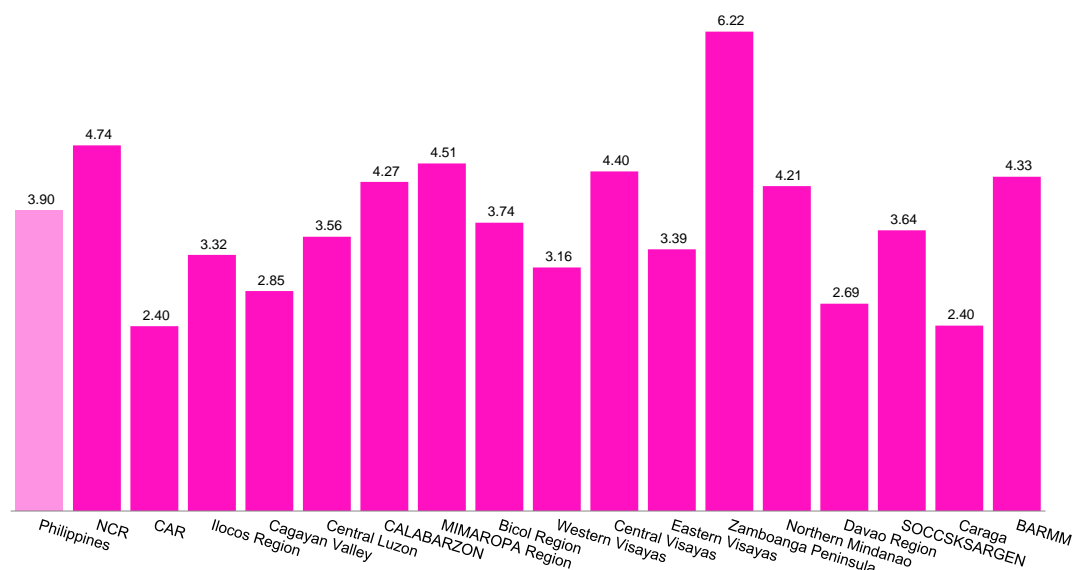
Figure 12. Average Annual Per Capita Consumption of Chicken Eggs  
by Per Capita Income Decile, Philippines: 2018  
(in pieces)



Source: PSA, 2018 FIES

On the average, the annual per capita consumption of roundscad (galunggong) was estimated at 3.90 kilograms in 2018. Among the regions, Zamboanga Peninsula and NCR recorded the two highest annual per capita consumption at 6.22 kilograms and 4.74 kilograms, respectively. On the other hand, CAR and Caraga reported the least per capita consumption at 2.40 kilograms each. (Figure 13 and Table 5a)

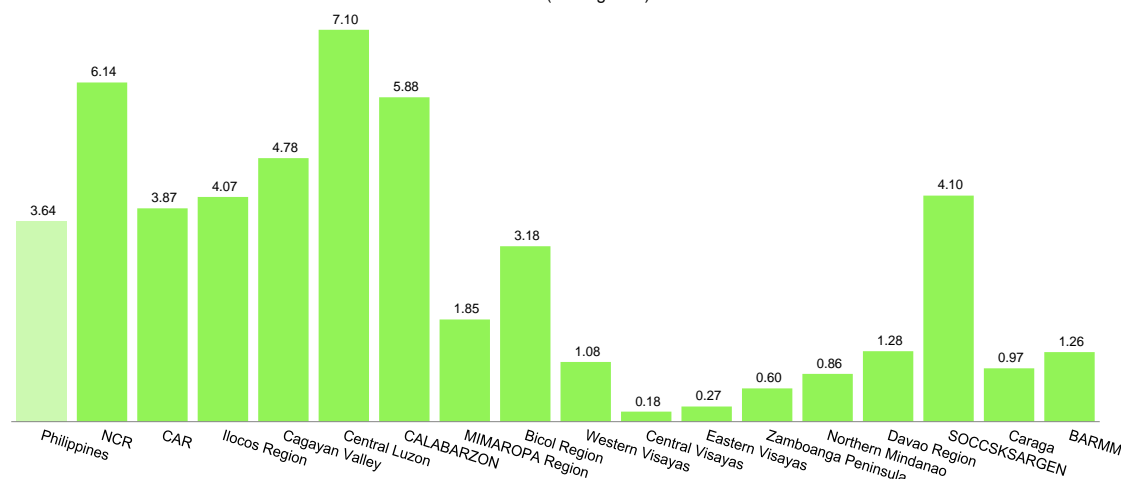
Figure 13. Average Annual Per Capita Consumption of Roundscad (Galunggong) by Region, Philippines: 2018  
(in kilograms)



Source: PSA, 2018 FIES

In the case of tilapia, the 2018 annual per capita consumption averaged 3.64 kilograms. Central Luzon posted the highest per capita consumption at 7.10 kilograms. In contrast, Central Visayas and Eastern Visayas registered the two lowest per capita consumption levels at 0.18 kilogram and 0.27 kilogram, respectively. (Figure 14 and Table 5b)

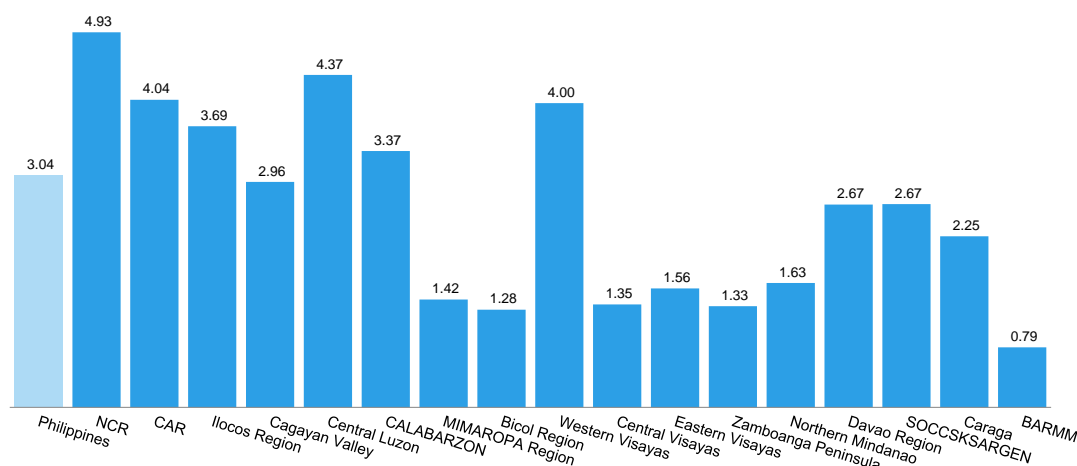
Figure 14. Average Annual Per Capita Consumption of Tilapia by Region, Philippines: 2018  
(in kilograms)



Source: PSA, 2018 FIES

For milkfish (bangus), the estimated annual consumption was at 3.04 kilograms per person. The two highest per capita consumption levels were noted in NCR and Central Luzon at 4.93 kilograms and 4.37 kilograms, correspondingly. BARMM posted the lowest consumption of milkfish (bangus) at 0.79 kilogram. (Figure 15 and Table 5c)

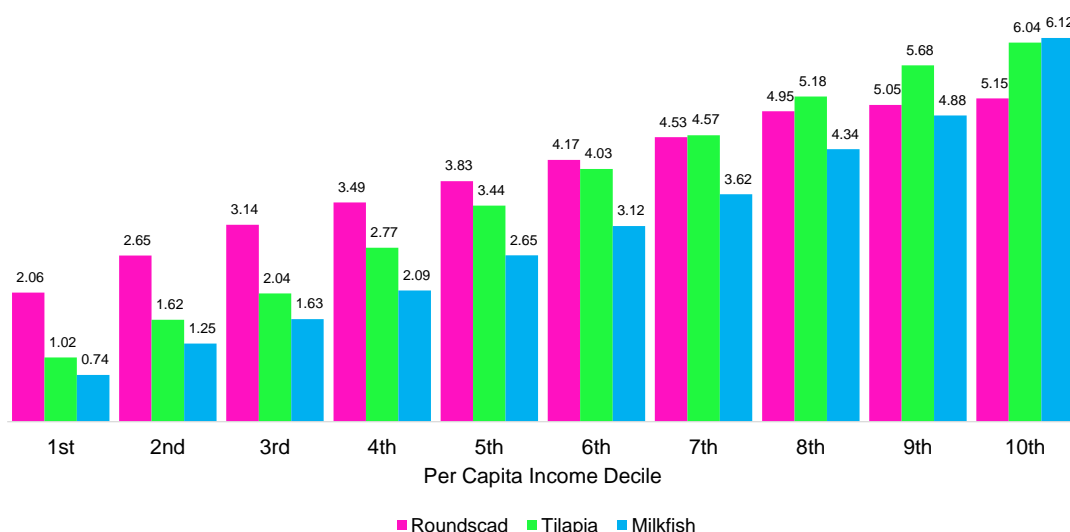
Figure 15. Average Annual Per Capita Consumption of Milkfish (Bangus) by Region: 2018  
(in kilograms)



Source: PSA, 2018 FIES

By per capita income decile, the annual average per capita consumption of roundscad (galunggong) was highest for the tenth decile or the highest 10 percent income group at 5.15 kilograms. In contrast, the lowest annual per capita consumption was registered for the first decile or the lowest 10 percent income group at 2.06 kilograms. For tilapia, the average annual per capita consumption by income decile was highest in the tenth decile at 6.04 kilograms while the lowest per capita consumption was registered in the first decile at 1.02 kilogram. In addition, the annual per capita consumption of milkfish ranged from 0.74 kilogram for the first decile to 6.12 kilograms for the tenth decile. (Figure 16 and Table 5d)

Figure 16. Average Annual Per Capita Consumption by Species and by Per Capita Income Decile, Philippines: 2018  
(in kilograms)



Source: PSA, 2018 FIES

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Undersecretary

National Statistician and Civil Registrar General

  
VRI/MSN

*Attachments:*

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Table 1a. Average Annual Per Capita Consumption of Well-Milled Rice by Region,  
Philippines: 2018  
(in kilograms)

Region	Mean	Standard Error	95% Confidence Interval		Coefficient of Variation (in percent)
			Lower Limit	Upper Limit	
<b>Philippines</b>	32.60	0.3	31.9	33.3	1.0
National Capital Region (NCR)	46.25	0.8	44.7	47.8	1.7
Cordillera Administrative Region (CAR)	41.05	1.0	39.0	43.1	2.5
Region I (Ilocos Region)	31.82	1.7	28.5	35.1	5.3
Region II (Cagayan Valley)	21.81	1.1	19.6	24.0	5.1
Region III (Central Luzon)	28.54	0.9	26.8	30.3	3.2
Region IV-A (CALABARZON)	53.80	1.4	51.1	56.5	2.6
MIMAROPA Region	25.46	1.2	23.1	27.8	4.7
Region V (Bicol Region)	8.67	0.7	7.4	10.0	7.5
Region VI (Western Visayas)	13.59	0.9	11.7	15.4	6.9
Region VII (Central Visayas)	39.48	1.2	37.1	41.9	3.1
Region VIII (Eastern Visayas)	11.77	0.7	10.3	13.2	6.2
Region IX (Zamboanga Peninsula)	21.26	1.1	19.1	23.4	5.2
Region X (Northern Mindanao)	25.20	0.8	23.6	26.8	3.2
Region XI (Davao Region)	38.75	1.5	35.9	41.6	3.8
Region XII (SOCCSKSARGEN)	30.74	1.3	28.2	33.3	4.2
Region XIII (Caraga)	24.82	1.2	22.5	27.1	4.8
Bangsamoro Autonomous Region in Muslim Mindanao (BARMM)	17.25	1.1	15.2	19.3	6.1

Source: PSA, 2018 FIES

Table 1b. Average Annual Per Capita Consumption of Regular-Milled Rice by Region,  
Philippines: 2018  
(in kilograms)

Region	Mean	Standard Error	95% Confidence Interval		Coefficient of Variation (in percent)
			Lower Limit	Upper Limit	
<b>Philippines</b>	66.52	0.4	65.8	67.3	0.6
National Capital Region (NCR)	46.72	0.8	45.1	48.3	1.8
Cordillera Administrative Region (CAR)	47.12	1.2	44.8	49.5	2.6
Region I (Ilocos Region)	75.20	1.9	71.4	79.0	2.6
Region II (Cagayan Valley)	76.25	1.6	73.0	79.5	2.1
Region III (Central Luzon)	70.76	1.0	68.7	72.8	1.5
Region IV-A (CALABARZON)	42.03	1.3	39.5	44.6	3.1
MIMAROPA Region	97.00	1.4	94.3	99.7	1.4
Region V (Bicol Region)	98.13	1.0	96.1	100.1	1.0
Region VI (Western Visayas)	102.03	1.2	99.6	104.4	1.2
Region VII (Central Visayas)	34.39	1.1	32.3	36.5	3.1
Region VIII (Eastern Visayas)	104.03	1.5	101.1	106.9	1.4
Region IX (Zamboanga Peninsula)	73.08	1.6	70.0	76.2	2.2
Region X (Northern Mindanao)	64.47	1.3	61.9	67.1	2.1
Region XI (Davao Region)	58.57	1.4	55.7	61.4	2.5
Region XII (SOCCSKSARGEN)	81.66	1.9	77.9	85.4	2.3
Region XIII (Caraga)	81.30	1.4	78.5	84.1	1.7
Bangsamoro Autonomous Region in Muslim Mindanao (BARMM)	77.82	1.7	74.5	81.1	2.2

Source: PSA, 2018 FIES

Table 1c. Average Annual Per Capita Consumption of NFA Rice by Region,  
Philippines: 2018  
(in kilograms)

Region	Mean	Standard Error	95% Confidence Interval		Coefficient of Variation (in percent)
			Lower Limit	Upper Limit	
<b>Philippines</b>	4.13	0.1	4.0	4.3	1.9
National Capital Region (NCR)	4.49	0.2	4.0	4.9	5.1
Cordillera Administrative Region (CAR)	3.81	0.2	3.3	4.3	6.4
Region I (Ilocos Region)	2.55	0.3	1.9	3.2	12.5
Region II (Cagayan Valley)	4.00	0.3	3.4	4.6	7.9
Region III (Central Luzon)	3.09	0.2	2.7	3.5	7.2
Region IV-A (CALABARZON)	2.52	0.2	2.1	2.9	7.9
MIMAROPA Region	6.29	0.4	5.5	7.1	6.3
Region V (Bicol Region)	7.65	0.5	6.7	8.6	6.4
Region VI (Western Visayas)	1.08	0.2	0.7	1.5	19.2
Region VII (Central Visayas)	5.63	0.4	4.9	6.3	6.4
Region VIII (Eastern Visayas)	7.03	0.4	6.2	7.9	6.3
Region IX (Zamboanga Peninsula)	3.34	0.4	2.5	4.2	13.4
Region X (Northern Mindanao)	7.31	0.4	6.5	8.1	5.7
Region XI (Davao Region)	5.22	0.3	4.6	5.9	6.4
Region XII (SOCCSKSARGEN)	3.78	0.3	3.3	4.3	7.2
Region XIII (Caraga)	3.15	0.2	2.7	3.6	7.1
Bangsamoro Autonomous Region in Muslim Mindanao (BARMM)	4.39	0.5	3.5	5.3	10.4

Source: PSA, 2018 FIES

Table 1d. Average Annual Per Capita Consumption by Rice Classification  
and by Per Capita Income Decile, Philippines: 2018  
(in kilograms)

Per Capita Income Decile	Rice Classification		
	Well-Milled Rice	Regular-Milled Rice	NFA Rice
First Decile	10.46	64.59	7.21
Second Decile	14.55	73.43	6.59
Third Decile	18.48	74.57	5.83
Fourth Decile	22.43	74.26	4.95
Fifth Decile	26.69	72.29	4.25
Sixth Decile	32.42	69.66	3.81
Seventh Decile	38.03	65.97	3.18
Eight Decile	44.80	61.89	2.73
Ninth Decile	52.65	57.81	1.56
Tenth Decile	65.53	50.71	1.14

Source: PSA, 2018 FIES

Table 2a. Average Annual Per Capita Consumption of Corn by Region, Philippines: 2018  
(in kilograms)

Region	Mean	Standard Error	95% Confidence Interval		Coefficient of Variation (in percent)
			Lower Limit	Upper Limit	
<b>Philippines</b>	9.14	0.2	8.7	9.6	2.4
National Capital Region (NCR)	0.50	0.1	0.4	0.6	10.5
Cordillera Administrative Region (CAR)	1.24	0.1	1.1	1.4	7.7
Region I (Ilocos Region)	0.20	0.0	0.2	0.2	7.7
Region II (Cagayan Valley)	0.92	0.2	0.6	1.2	17.5
Region III (Central Luzon)	0.26	0.0	0.2	0.3	5.2
Region IV-A (CALABARZON)	0.28	0.0	0.2	0.4	14.6
MIMAROPA Region	0.32	0.0	0.2	0.4	12.4
Region V (Bicol Region)	2.90	0.4	2.1	3.7	14.2
Region VI (Western Visayas)	3.14	0.7	1.8	4.5	22.4
Region VII (Central Visayas)	35.18	1.9	31.5	38.8	5.3
Region VIII (Eastern Visayas)	5.10	1.0	3.2	7.0	19.4
Region IX (Zamboanga Peninsula)	48.16	2.3	43.7	52.7	4.8
Region X (Northern Mindanao)	36.64	1.8	33.0	40.3	5.0
Region XI (Davao Region)	27.56	1.3	25.1	30.0	4.6
Region XII (SOCCSKSARGEN)	13.21	1.0	11.3	15.1	7.5
Region XIII (Caraga)	14.56	0.9	12.7	16.4	6.5
Bangsomoro Autonomous Region in Muslim Mindanao (BARMM)	0.91	0.1	0.6	1.2	16.2

Source: PSA, 2018 FIES

Table 2b. Average Annual Per Capita Consumption of Corn by Per Capita Income Decile, Philippines: 2018  
(in kilograms)

Per Capita Income Decile	Average Annual Per Capita Consumption of Corn
First Decile	24.34
Second Decile	16.58
Third Decile	12.84
Fourth Decile	9.92
Fifth Decile	7.59
Sixth Decile	6.17
Seventh Decile	4.84
Eight Decile	3.58
Ninth Decile	2.72
Tenth Decile	2.81

Source: PSA, 2018 FIES

Table 3a. Average Annual Per Capita Consumption of Pork by Region, Philippines: 2018  
(in kilograms)

Region	Mean	Standard Error	95% Confidence Interval		Coefficient of Variation (in percent)
			Lower Limit	Upper Limit	
<b>Philippines</b>	6.35	0.04	6.3	6.4	0.6
National Capital Region (NCR)	8.83	0.1	8.6	9.0	1.2
Cordillera Administrative Region (CAR)	5.83	0.1	5.6	6.1	2.1
Region I (Ilocos Region)	7.04	0.2	6.7	7.4	2.6
Region II (Cagayan Valley)	7.31	0.2	7.0	7.6	2.2
Region III (Central Luzon)	7.66	0.1	7.4	7.9	1.4
Region IV-A (CALABARZON)	8.62	0.2	8.3	8.9	1.8
MIMAROPA Region	5.20	0.1	4.9	5.5	2.6
Region V (Bicol Region)	5.90	0.1	5.6	6.1	2.2
Region VI (Western Visayas)	4.00	0.1	3.9	4.1	1.9
Region VII (Central Visayas)	6.40	0.2	6.1	6.7	2.4
Region VIII (Eastern Visayas)	4.84	0.1	4.6	5.1	2.6
Region IX (Zamboanga Peninsula)	2.88	0.1	2.7	3.1	3.5
Region X (Northern Mindanao)	4.12	0.1	3.9	4.3	2.2
Region XI (Davao Region)	5.39	0.1	5.1	5.6	2.3
Region XII (SOCCSKSARGEN)	4.00	0.1	3.8	4.3	3.2
Region XIII (Caraga)	4.40	0.1	4.2	4.6	2.1
Bangsamoro Autonomous Region in Muslim Mindanao (BARMM)	0.10	0.02	0.1	0.1	21.0

Source: PSA, 2018 FIES

Table 3b. Average Annual Per Capita Consumption of Beef by Region, Philippines: 2018  
(in kilograms)

Region	Mean	Standard Error	95% Confidence Interval		Coefficient of Variation (in percent)
			Lower Limit	Upper Limit	
<b>Philippines</b>	0.87	0.01	0.9	0.9	1.3
National Capital Region (NCR)	1.19	0.04	1.1	1.3	3.1
Cordillera Administrative Region (CAR)	0.98	0.04	0.9	1.1	3.8
Region I (Ilocos Region)	1.33	0.1	1.2	1.5	5.1
Region II (Cagayan Valley)	1.41	0.1	1.3	1.5	4.2
Region III (Central Luzon)	0.76	0.03	0.7	0.8	3.5
Region IV-A (CALABARZON)	0.70	0.04	0.6	0.8	6.1
MIMAROPA Region	0.83	0.04	0.8	0.9	4.9
Region V (Bicol Region)	0.60	0.04	0.5	0.7	6.2
Region VI (Western Visayas)	1.24	0.05	1.2	1.3	3.7
Region VII (Central Visayas)	0.50	0.03	0.5	0.6	5.1
Region VIII (Eastern Visayas)	0.44	0.03	0.4	0.5	6.7
Region IX (Zamboanga Peninsula)	0.89	0.05	0.8	1.0	5.2
Region X (Northern Mindanao)	0.93	0.04	0.9	1.0	3.9
Region XI (Davao Region)	0.72	0.04	0.6	0.8	5.3
Region XII (SOCCSKSARGEN)	1.12	0.05	1.0	1.2	4.4
Region XIII (Caraga)	0.57	0.03	0.5	0.6	6.0
Bangsamoro Autonomous Region in Muslim Mindanao (BARMM)	0.48	0.02	0.4	0.5	4.1

Source: PSA, 2018 FIES

Table 3c. Average Annual Per Capita Consumption of Chicken Meat by Region,  
Philippines: 2018  
(in kilograms)

Region	Mean	Standard Error	95% Confidence Interval		Coefficient of Variation (in percent)
			Lower Limit	Upper Limit	
<b>Philippines</b>	6.89	0.04	6.8	7.0	0.6
National Capital Region (NCR)	12.94	0.1	12.7	13.2	1.1
Cordillera Administrative Region (CAR)	6.61	0.1	6.4	6.8	1.9
Region I (Ilocos Region)	5.13	0.1	4.9	5.4	2.7
Region II (Cagayan Valley)	5.81	0.1	5.5	6.1	2.3
Region III (Central Luzon)	8.59	0.1	8.4	8.8	1.3
Region IV-A (CALABARZON)	9.18	0.2	8.8	9.5	1.9
MIMAROPA Region	9.85	0.2	9.4	10.3	2.3
Region V (Bicol Region)	4.58	0.1	4.4	4.8	2.0
Region VI (Western Visayas)	3.78	0.1	3.6	3.9	1.9
Region VII (Central Visayas)	4.16	0.1	4.0	4.4	2.5
Region VIII (Eastern Visayas)	4.96	0.1	4.7	5.2	2.4
Region IX (Zamboanga Peninsula)	4.25	0.1	4.0	4.5	2.8
Region X (Northern Mindanao)	3.98	0.1	3.8	4.1	1.8
Region XI (Davao Region)	4.69	0.1	4.5	4.9	2.1
Region XII (SOCCSKSARGEN)	3.50	0.1	3.3	3.7	2.2
Region XIII (Caraga)	4.77	0.1	4.6	5.0	1.9
Bangsamoro Autonomous Region in Muslim Mindanao (BARMM)	2.04	0.1	1.9	2.2	3.6

Source: PSA, 2018 FIES

Table 3d. Average Annual Per Capita Consumption by Type of Meat  
and by Per Capita Income Decile, Philippines: 2018  
(in kilograms)

Per Capita Income Decile	Type of Meat		
	Pork	Beef	Chicken Meat
First Decile	1.68	0.18	1.95
Second Decile	2.80	0.28	2.96
Third Decile	3.65	0.36	3.93
Fourth Decile	4.67	0.44	4.89
Fifth Decile	5.55	0.56	5.92
Sixth Decile	6.54	0.69	7.00
Seventh Decile	7.65	0.87	8.33
Eight Decile	8.66	1.09	9.49
Ninth Decile	10.07	1.56	10.96
Tenth Decile	12.23	2.71	13.50

Source: PSA, 2018 FIES

Table 4a. Average Annual Per Capita Consumption of Chicken Eggs by Region,  
Philippines: 2018  
(in pieces)

Region	Mean	Standard Error	95% Confidence Interval		Coefficient of Variation (in percent)
			Lower Limit	Upper Limit	
<b>Philippines</b>	85	0.4	84.3	86.0	0.5
National Capital Region (NCR)	119	1.5	115.7	121.6	1.3
Cordillera Administrative Region (CAR)	76	1.5	72.7	78.5	2.0
Region I (Ilocos Region)	82	1.6	78.8	85.1	2.0
Region II (Cagayan Valley)	60	1.0	58.1	62.1	1.7
Region III (Central Luzon)	102	1.3	99.5	104.7	1.3
Region IV-A (CALABARZON)	101	1.4	98.0	103.7	1.4
MIMAROPA Region	69	1.3	66.1	71.1	1.9
Region V (Bicol Region)	73	1.4	70.7	76.3	1.9
Region VI (Western Visayas)	60	1.0	58.4	62.4	1.7
Region VII (Central Visayas)	68	1.3	65.0	70.2	1.9
Region VIII (Eastern Visayas)	65	1.2	62.7	67.4	1.9
Region IX (Zamboanga Peninsula)	64	1.4	61.2	66.8	2.2
Region X (Northern Mindanao)	78	1.2	75.8	80.5	1.5
Region XI (Davao Region)	95	1.5	92.1	98.1	1.6
Region XII (SOCCSKSARGEN)	76	1.6	73.3	79.6	2.1
Region XIII (Caraga)	81	1.3	78.5	83.5	1.6
Bangsamoro Autonomous Region in Muslim Mindanao (BARMM)	30	0.8	28.4	31.6	2.8

Source: PSA, 2018 FIES

Table 4b. Average Annual Per Capita Consumption of Chicken Eggs  
by Per Capita Income Decile, Philippines: 2018  
(in pieces)

Per Capita Income Decile	Average Annual Per Capita Consumption of Chicken Eggs
First Decile	38
Second Decile	53
Third Decile	64
Fourth Decile	72
Fifth Decile	80
Sixth Decile	90
Seventh Decile	95
Eight Decile	106
Ninth Decile	115
Tenth Decile	138

Source: PSA, 2018 FIES

Table 5a. Average Annual Per Capita Consumption of Roundskad (Galunggong) by Region, Philippines: 2018  
(in kilograms)

Region	Mean	Standard Error	95% Confidence Interval		Coefficient of Variation (in percent)
			Lower Limit	Upper Limit	
<b>Philippines</b>	3.90	0.03	3.9	4.0	0.7
National Capital Region (NCR)	4.74	0.1	4.6	4.9	1.2
Cordillera Administrative Region (CAR)	2.40	0.1	2.3	2.5	2.7
Region I (Ilocos Region)	3.32	0.1	3.1	3.5	3.2
Region II (Cagayan Valley)	2.85	0.1	2.7	3.0	3.0
Region III (Central Luzon)	3.56	0.1	3.4	3.7	1.9
Region IV-A (CALABARZON)	4.27	0.1	4.1	4.4	2.1
MIMAROPA Region	4.51	0.1	4.3	4.7	2.5
Region V (Bicol Region)	3.74	0.1	3.5	3.9	2.7
Region VI (Western Visayas)	3.16	0.1	3.0	3.3	2.6
Region VII (Central Visayas)	4.40	0.1	4.1	4.7	3.4
Region VIII (Eastern Visayas)	3.39	0.1	3.2	3.6	3.2
Region IX (Zamboanga Peninsula)	6.22	0.2	5.9	6.6	2.8
Region X (Northern Mindanao)	4.21	0.1	4.0	4.4	2.3
Region XI (Davao Region)	2.69	0.1	2.5	2.9	3.5
Region XII (SOCCSKSARGEN)	3.64	0.1	3.4	3.8	2.7
Region XIII (Caraga)	2.40	0.1	2.2	2.6	3.5
Bangsamoro Autonomous Region in Muslim Mindanao (BARMM)	4.33	0.1	4.1	4.6	2.7

Source: PSA, 2018 FIES

Table 5b. Average Annual Per Capita Consumption of Tilapia by Region, Philippines: 2018  
(in kilograms)

Region	Mean	Standard Error	95% Confidence Interval		Coefficient of Variation (in percent)
			Lower Limit	Upper Limit	
<b>Philippines</b>	3.64	0.03	3.6	3.7	0.9
National Capital Region (NCR)	6.14	0.1	6.0	6.3	1.3
Cordillera Administrative Region (CAR)	3.87	0.1	3.7	4.0	2.4
Region I (Ilocos Region)	4.07	0.1	3.8	4.3	3.3
Region II (Cagayan Valley)	4.78	0.1	4.5	5.0	2.7
Region III (Central Luzon)	7.10	0.1	6.9	7.3	1.6
Region IV-A (CALABARZON)	5.88	0.1	5.6	6.1	2.1
MIMAROPA Region	1.85	0.1	1.7	2.0	4.4
Region V (Bicol Region)	3.18	0.1	2.9	3.4	4.2
Region VI (Western Visayas)	1.08	0.04	1.0	1.2	3.9
Region VII (Central Visayas)	0.18	0.02	0.1	0.2	8.9
Region VIII (Eastern Visayas)	0.27	0.02	0.2	0.3	8.6
Region IX (Zamboanga Peninsula)	0.60	0.1	0.5	0.7	11.1
Region X (Northern Mindanao)	0.86	0.04	0.8	0.9	4.4
Region XI (Davao Region)	1.28	0.1	1.2	1.4	4.8
Region XII (SOCCSKSARGEN)	4.10	0.2	3.8	4.4	4.0
Region XIII (Caraga)	0.97	0.1	0.9	1.1	5.8
Bangsamoro Autonomous Region in Muslim Mindanao (BARMM)	1.26	0.1	1.1	1.4	7.4

Source: PSA, 2018 FIES

Table 5c. Average Annual Per Capita Consumption of Milkfish (Bangus) by Region, Philippines: 2018  
(in kilograms)

Region	Mean	Standard Error	95% Confidence Interval		Coefficient of Variation (in percent)
			Lower Limit	Upper Limit	
<b>Philippines</b>	3.04	0.02	3.0	3.1	0.8
National Capital Region (NCR)	4.93	0.1	4.8	5.1	1.4
Cordillera Administrative Region (CAR)	4.04	0.1	3.9	4.2	2.2
Region I (Ilocos Region)	3.69	0.1	3.4	3.9	3.4
Region II (Cagayan Valley)	2.96	0.1	2.8	3.1	2.5
Region III (Central Luzon)	4.37	0.1	4.2	4.5	1.9
Region IV-A (CALABARZON)	3.37	0.1	3.2	3.5	2.7
MIMAROPA Region	1.42	0.1	1.3	1.5	3.5
Region V (Bicol Region)	1.28	0.05	1.2	1.4	3.5
Region VI (Western Visayas)	4.00	0.1	3.8	4.2	2.3
Region VII (Central Visayas)	1.35	0.1	1.2	1.5	4.6
Region VIII (Eastern Visayas)	1.56	0.1	1.4	1.7	4.2
Region IX (Zamboanga Peninsula)	1.33	0.1	1.2	1.5	5.3
Region X (Northern Mindanao)	1.63	0.1	1.5	1.7	3.3
Region XI (Davao Region)	2.67	0.1	2.5	2.8	2.8
Region XII (SOCCSKSARGEN)	2.67	0.1	2.5	2.8	2.7
Region XIII (Caraga)	2.25	0.1	2.1	2.4	3.1
Bangsamoro Autonomous Region in Muslim Mindanao (BARMM)	0.79	0.1	0.7	0.9	7.4

Source: PSA, 2018 FIES

Table 5d. Average Annual Per Capita Consumption by Species and by Per Capita Income Decile, Philippines: 2018  
(in kilograms)

Per Capita Income Decile	Species		
	Roundscad (Galunggong)	Tilapia	Milkfish (Bangus)
First Decile	2.06	1.02	0.74
Second Decile	2.65	1.62	1.25
Third Decile	3.14	2.04	1.63
Fourth Decile	3.49	2.77	2.09
Fifth Decile	3.83	3.44	2.65
Sixth Decile	4.17	4.03	3.12
Seventh Decile	4.53	4.57	3.62
Eight Decile	4.95	5.18	4.34
Ninth Decile	5.05	5.68	4.88
Tenth Decile	5.15	6.04	6.12

Source: PSA, 2018 FIES

## TECHNICAL NOTES

In 2017, a study on the Integration of the Family Income and Expenditure Survey (FIES) and the Survey of Food Demand for Agricultural Commodities (SFD) was conducted. Before the reorganization of the Philippine Statistical System (PSS) in 2013, FIES was a regular undertaking of the then National Statistics Office (NSO), while SFD was an ad-hoc activity of the former Bureau of Agricultural Statistics (BAS).

FIES, a nationwide survey of households undertaken every three (3) years, provides information on family income, income inequality among Filipino families, and family consumption and expenditures. Meanwhile, SFD generated data on per capita consumption of selected agricultural commodities.

The integration of SFD and FIES aimed to strengthen the position of the PSS in developing, maintaining, and enhancing the statistical system on food security. In addition, the integration of these surveys led to the optimum use of resources/investments in statistical undertaking. Through the study, it was recommended to generate the consumption data from the FIES.

Thus, the results presented in this release were generated from the 2018 FIES. The 2018 FIES enumeration was conducted twice using two separate questionnaires with the same set of questions. The first visit was conducted in July 2018 and the second visit was in January 2019, wherein the reference period for each visit is the six months preceding the survey.

The annual per capita consumption of selected agricultural commodities reported were taken from the quantity column of the food expenditure items in Part II (Expenditures and Other Disbursements) of the FIES questionnaire. This part of the questionnaire asked for the food consumed by Filipino families during the reference period.

The Standard Error (SE), Confidence Interval (CI), and Coefficient of Variation (CV) are included in this release. SE measures how spread out the distribution of the data is. CV, expressed in percent, provides a measure of the dispersion of data points around the mean. Meanwhile, CI gives an estimated range of values; the estimated range being calculated from a given set of sample data.

### **Concepts and Definition:**

#### **Annual per capita food consumption**

Annual per capita food consumption refers to the quantity of food consumed per person per year. It is derived by dividing the total family consumption of a particular commodity by the family size.

#### **Per capita income decile**

Per capita income is first derived by dividing the total family income with family size. The per capita income decile is then obtained by doing a weighted percentile ranking based on the per capita income of all the sample families in the country, from lowest to highest. The first decile then refers to those with percentile rank less than or equal to 10 percent. The second decile refers to those with percentile rank more than 10 percent but less than or equal to 20 percent, and so on.