

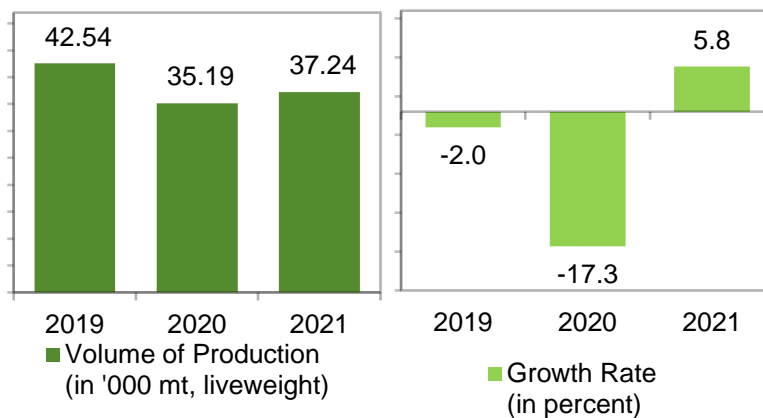
SPECIAL RELEASE

CARABAO SITUATION REPORT October to December 2021

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Figure 1. Volume of Carabao Production and Annual Growth Rate, Philippines October-December 2019-2021^P



^P- Preliminary

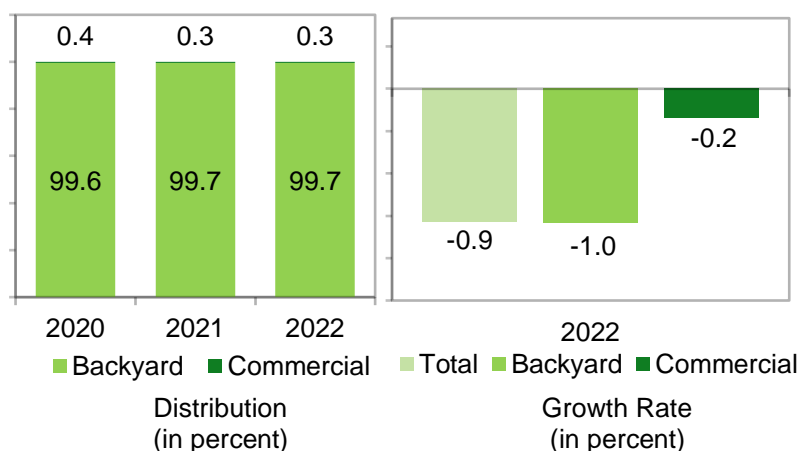
Source: Philippine Statistics Authority

The October to December 2021 total carabao production was estimated at 37.24 thousand metric tons, liveweight. This was 5.8 percent higher than the previous year's same period output of 35.19 thousand metric tons, liveweight.

By region, Western Visayas remained the top producer of carabao during the quarter with 4.45 thousand metric tons, liveweight or 11.9 percent of the country's total carabao output. The other top producing regions were Eastern Visayas which shared 10.8 percent; CALABARZON, 9.7 percent; Davao Region, 8.7 percent; and BARMM, 8.3 percent.

Compared with their October to December 2020 production levels, nine regions reported increments in production during the period. MIMAROPA Region posted the highest annual growth of 108.3 percent, from 0.58 thousand metric tons, liveweight in the same period of the previous year to 1.21 thousand metric tons, liveweight this quarter of 2021. (Figure 1 and Table 1)

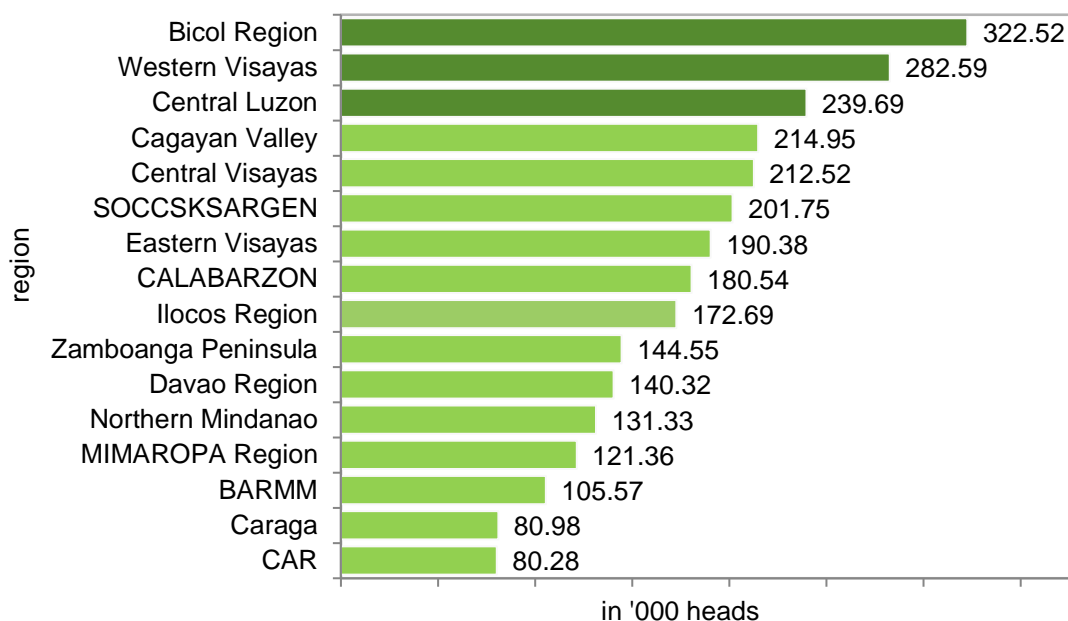
Figure 2. Distribution and Annual Growth Rate of Carabao Inventory by Farm Type
Philippines: as of 01 January 2020-2022^P



^P - Preliminary
Source: Philippine Statistics Authority

As of 01 January 2022, the total carabao inventory was estimated at 2.82 million heads. This was -0.9 percent lower compared with the previous year's same period population of 2.85 million heads. Inventory of carabao in both backyard farms and commercial farms contracted by -1.0 percent and -0.2 percent, respectively. Of the total carabao population, 99.7 percent were raised in backyard farms, while the remaining 0.3 percent were from commercial farms. (Figure 2 and Table 2)

Figure 3. Distribution of Carabao Inventory by Region, Philippines
As of 01 January 2022^P

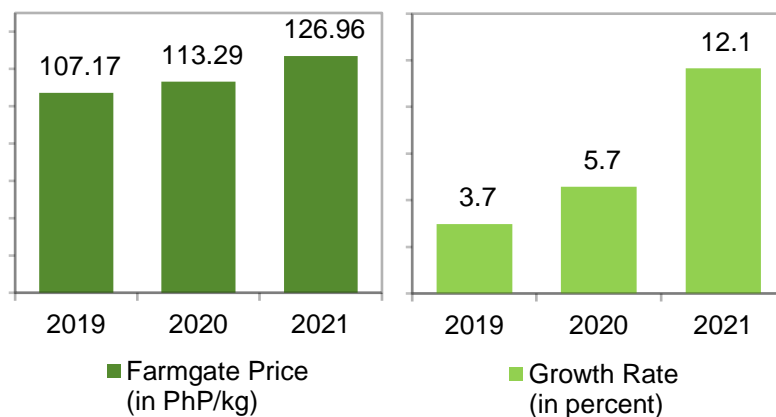


^P - Preliminary
Source: Philippine Statistics Authority

In terms of inventory, Bicol Region reported the highest total carabao population of 322.52 thousand heads. This was followed by Western Visayas with 282.59 thousand heads and Central Luzon with 239.69 thousand heads. These three regions accounted for 29.9 percent of the total carabao inventory in the country. (Figure 3 and Table 2)

Bicol Region reported the highest inventory of carabao in backyard farms with 322.34 thousand heads, while inventory in commercial farms was highest in Cagayan Valley with 2.97 thousand heads. (Table 2)

Figure 4. Average Farmgate Price of Carabao for Slaughter (Backyard) and Annual Growth Rate, Philippines October-December 2019^r-2021^p



^r- Revised

^p- Preliminary

Source: Philippine Statistics Authority

The average farmgate price of carabao for slaughter in backyard farms for October to December 2021 was quoted at PhP 126.96 per kilogram, liveweight. This was 12.1 percent higher than the previous year's same period average farmgate price of PhP 113.29 per kilogram, liveweight.

During the reference period, the highest farmgate price was recorded in October at PhP 127.84 per kilogram, liveweight, while the lowest was quoted in November at PhP 125.65 per kilogram, liveweight. (Figure 4 and Table 3)

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Undersecretary

National Statistician and Civil Registrar General

STATISTICAL TABLES

Table 1. Volume of Carabao Production by Region, Philippines
October-December 2019-2021^P

Region	Production (in metric tons, liveweight)			Annual Growth Rate (in percent)		Percent Share
	2019	2020	2021 ^P	2020	2021 ^P	2021 ^P
Philippines	42,542	35,186	37,238	-17.3	5.8	100.0
CAR	944	941	667	-0.3	-29.1	1.8
I - Ilocos Region	2,019	2,240	2,547	10.9	13.7	6.8
II - Cagayan Valley	2,933	2,717	2,580	-7.4	-5.0	6.9
III - Central Luzon	1,412	1,170	1,092	-17.1	-6.7	2.9
IVA - CALABARZON	3,095	3,319	3,617	7.2	9.0	9.7
MIMAROPA Region	627	582	1,213	-7.1	108.3	3.3
V - Bicol Region	2,188	2,084	2,195	-4.7	5.3	5.9
VI - Western Visayas	5,682	3,717	4,446	-34.6	19.6	11.9
VII - Central Visayas	2,091	1,128	1,785	-46.1	58.3	4.8
VIII - Eastern Visayas	4,725	3,867	4,013	-18.1	3.8	10.8
IX - Zamboanga Peninsula	1,323	1,228	1,948	-7.2	58.7	5.2
X - Northern Mindanao	3,397	2,925	2,567	-13.9	-12.3	6.9
XI - Davao Region	4,069	2,305	3,241	-43.3	40.6	8.7
XII - SOCCSKSARGEN	2,902	2,559	1,866	-11.8	-27.1	5.0
XIII - Caraga	585	700	362	19.7	-48.4	1.0
BARMM	4,550	3,703	3,100	-18.6	-16.3	8.3

^P - preliminary

Note: Details may not add up to total due to rounding. Growth rates and percent shares may yield different results when computed manually due to rounding.

Source: Philippine Statistics Authority

Table 2. Inventory of Carabao by Farm Type and Region, Philippines
As of 01 January 2020-2022^P

Region/ Farm Type	Inventory (in number of heads)			Annual Growth Rate (in percent)		Percent Share
	2020	2021 ^r	2022 ^P	2021 ^r	2022 ^P	2022 ^P
Total						
Philippines	2,865,715	2,849,006	2,822,000	-0.6	-0.9	100.0
CAR	88,036	78,336	80,278	-11.0	2.5	2.8
I - Ilocos Region	178,438	184,469	172,688	3.4	-6.4	6.1
II - Cagayan Valley	220,592	216,474	214,952	-1.9	-0.7	7.6
III - Central Luzon	232,243	236,699	239,691	1.9	1.3	8.5
IVA - CALABARZON	178,901	179,938	180,538	0.6	0.3	6.4
MIMAROPA Region	135,011	112,063	121,361	-17.0	8.3	4.3
V - Bicol Region	316,528	325,063	322,515	2.7	-0.8	11.4
VI - Western Visayas	293,017	291,549	282,587	-0.5	-3.1	10.0
VII - Central Visayas	195,119	206,862	212,523	6.0	2.7	7.5
VIII - Eastern Visayas	206,248	207,924	190,375	0.8	-8.4	6.7
IX - Zamboanga Peninsula	146,813	145,001	144,548	-1.2	-0.3	5.1
X - Northern Mindanao	127,284	132,280	131,328	3.9	-0.7	4.7
XI - Davao Region	143,922	144,405	140,323	0.3	-2.8	5.0
XII - SOCCSKSARGEN	199,895	201,549	201,745	0.8	0.1	7.1
XIII - Caraga	80,749	80,332	80,980	-0.5	0.8	2.9
BARMM	122,919	106,062	105,568	-13.7	-0.5	3.7
Backyard						
Philippines	2,855,087	2,839,361	2,812,375	-0.6	-1.0	100.0
CAR	87,720	78,022	79,998	-11.1	2.5	2.8
I - Ilocos Region	177,933	184,032	172,182	3.4	-6.4	6.1
II - Cagayan Valley	217,680	213,526	211,980	-1.9	-0.7	7.5
III - Central Luzon	229,296	233,795	236,806	2.0	1.3	8.4
IVA - CALABARZON	178,286	179,747	180,371	0.8	0.3	6.4
MIMAROPA Region	134,719	111,970	121,252	-16.9	8.3	4.3
V - Bicol Region	316,067	324,631	322,339	2.7	-0.7	11.5
VI - Western Visayas	292,688	291,270	282,312	-0.5	-3.1	10.0
VII - Central Visayas	194,581	206,360	211,733	6.1	2.6	7.5
VIII - Eastern Visayas	205,808	207,518	190,109	0.8	-8.4	6.8
IX - Zamboanga Peninsula	146,683	144,833	144,418	-1.3	-0.3	5.1
X - Northern Mindanao	126,689	131,869	130,808	4.1	-0.8	4.7
XI - Davao Region	143,627	144,182	140,138	0.4	-2.8	5.0
XII - SOCCSKSARGEN	199,701	201,259	201,441	0.8	0.1	7.2
XIII - Caraga	80,690	80,285	80,920	-0.5	0.8	2.9
BARMM	122,919	106,062	105,568	-13.7	-0.5	3.8

Continued

Table 2. – Concluded

Region/ Farm Type	Inventory (in number of heads)			Annual Growth Rate (in percent)		Percent Share
	2020	2021 ^r	2022 ^p	2021 ^r	2022 ^p	2022 ^p
Commercial						
Philippines	10,628	9,645	9,625	-9.2	-0.2	100.0
CAR	316	314	280	-0.6	-10.8	2.9
I - Ilocos Region	505	437	506	-13.5	15.8	5.3
II - Cagayan Valley	2,912	2,948	2,972	1.2	0.8	30.9
III - Central Luzon	2,947	2,904	2,885	-1.5	-0.7	30.0
IVA - CALABARZON	615	191	167	-68.9	-12.6	1.7
MIMAROPA Region	292	93	109	-68.2	17.2	1.1
V - Bicol Region	461	432	176	-6.3	-59.3	1.8
VI - Western Visayas	329	279	275	-15.2	-1.4	2.9
VII - Central Visayas	538	502	790	-6.7	57.4	8.2
VIII - Eastern Visayas	440	406	266	-7.7	-34.5	2.8
IX - Zamboanga Peninsula	130	168	130	29.2	-22.6	1.4
X - Northern Mindanao	595	411	520	-30.9	26.5	5.4
XI - Davao Region	295	223	185	-24.4	-17.0	1.9
XII - SOCCSKSARGEN	194	290	304	49.5	4.8	3.2
XIII - Caraga	59	47	60	-20.3	27.7	0.6
BARMM	-	-	-	-	-	-

^r - revised

^p - preliminary

(-) – no inventory as of the reference date

Note: Growth rates and percent shares may yield different results when computed manually due to rounding.

Source: Philippine Statistics Authority

Table 3. Monthly Average Farmgate Price of Carabao for Slaughter (Backyard)
Philippines: October-December 2019^r-2021^p

Month	Average Farmgate Price (PhP per kilogram, liveweight)			Annual Growth Rate (in percent)	
	2019 ^r	2020 ^r	2021 ^p	2020 ^r	2021 ^p
Average	107.17	113.29	126.96	5.7	12.1
October	105.88	111.56	127.84	5.4	14.6
November	106.56	112.82	125.65	5.9	11.4
December	109.07	115.49	127.38	5.9	10.3

^r - revised

^p – preliminary

Note: Growth rates may yield different results when computed manually due to rounding.

Source: Philippine Statistics Authority

TECHNICAL NOTES

This Carabao Situation Report presents the carabao industry in terms of volume of production, inventory, and average farmgate price. The report is prepared to serve as a ready reference for the various clients and stakeholders in the agriculture sector of the Philippine Statistics Authority (PSA). It is released quarterly, that is, every February, May, August, and November.

Concepts and Definitions

Volume of production refers to the volume of locally-raised carabao disposed for slaughter including those which were shipped out to other regions/provinces for slaughter. This is expressed in metric tons, liveweight.

Inventory refers to the actual number of carabao present in the farm as of a specific reference date.

Farmgate price refers to the price received by raisers for their produce at the location of farm. Thus, the marketing costs, such as the transport and other marketing costs (if any) incurred in selling the produce, are not included in the farmgate prices. The 2019 to 2021 farmgate prices included in this special release were based on the revised method of computation by the Price Statistics Division of the PSA.