



SPECIAL RELEASE

Construction Statistics in Caraga: Third Quarter 2022 (Based on the Approved Building Permits, Final Results)

Date of Release: 09 January 2024

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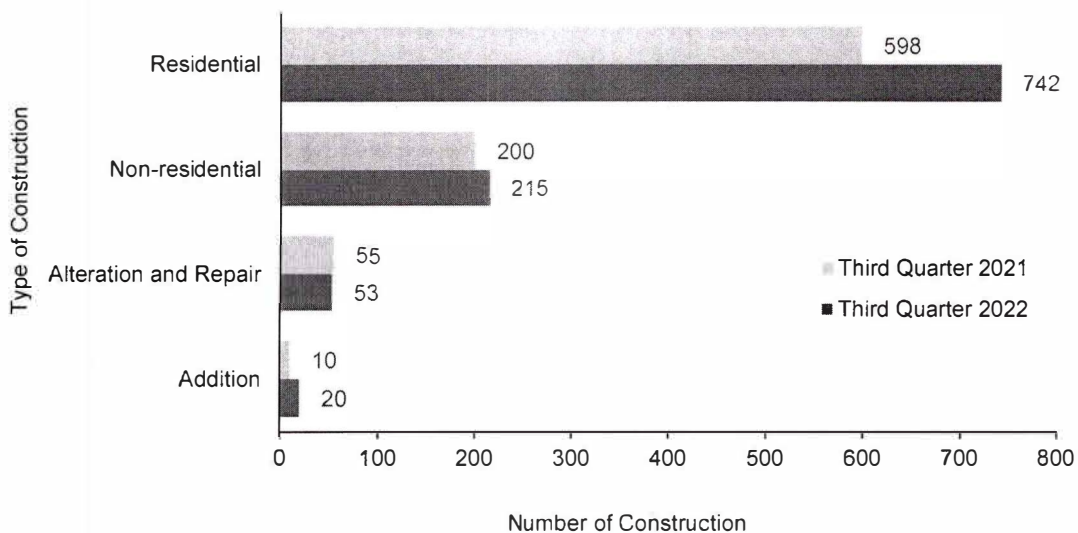
Number of constructions increase by 19.4 percent

The number of constructions in the region posted a total of 1,030 in the third quarter of 2022. This represents a growth of 19.4 percent from the 863 total constructions in the same quarter of 2021.

By type of construction, residential building reported the highest number of constructions during the quarter at 742 or 72.0 percent of the total. This type of construction increased by 24.1 percent compared with the 598 constructions in the second quarter of 2021.

Non-residential building constructions was registered at 215, which accounted for 20.9 percent of the total number of constructions. This number was higher by 7.5 percent than the 200 non-residential building constructions reported during the same period of 2021.

Figure 1. Number of Constructions from Approved Building Permit by Type, Caraga: Third Quarter, 2021^F and 2022^F



^F-Final

Source: Industry Statistics Division, PSA



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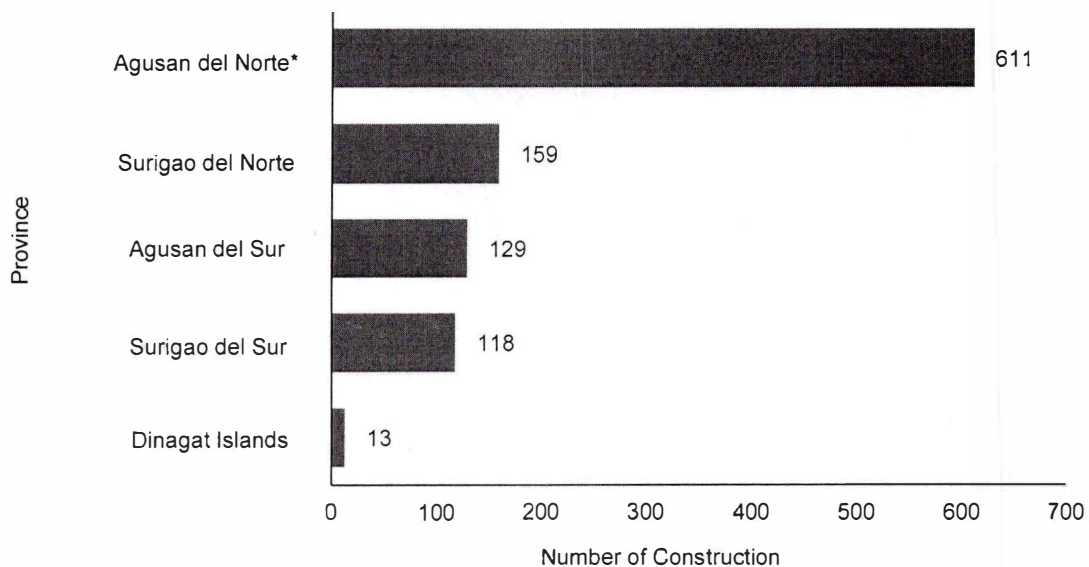
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Addition, which refers to any new construction that increases the height or area of an existing building/structure, recorded 20 constructions during this quarter, comprising 1.9 percent of the total constructions which was higher by 100.0 percent than the 10 constructions reported during the same period of 2021. Further, alterations and repairs recorded 53 constructions which accounted for 5.1 percent of the total constructions. This posted a decline of negative 3.6 percent compared with the 55 constructions recorded in the same quarter of 2021.

Number of constructions highest in Agusan del Norte

As shown in Figure 2, Agusan del Norte reported the highest number of constructions at 611 or 59.3 percent of the total number of constructions among the provinces in the region. Surigao del Norte and Agusan del Sur followed with 159 constructions (15.4 percent) and 129 constructions (12.5 percent), respectively. This was followed by Surigao del Sur with 118 constructions (11.5 percent). Meanwhile, Dinagat Islands reported the least number of constructions at 13 (1.3 percent).

Figure 2. Number of Constructions from Approved Building Permit by Province, Caraga: Third Quarter, 2022^F



* -including Butuan City

^F-Final

Source: Industry Statistics Division, PSA



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Total value of constructions increase by 6.6 percent

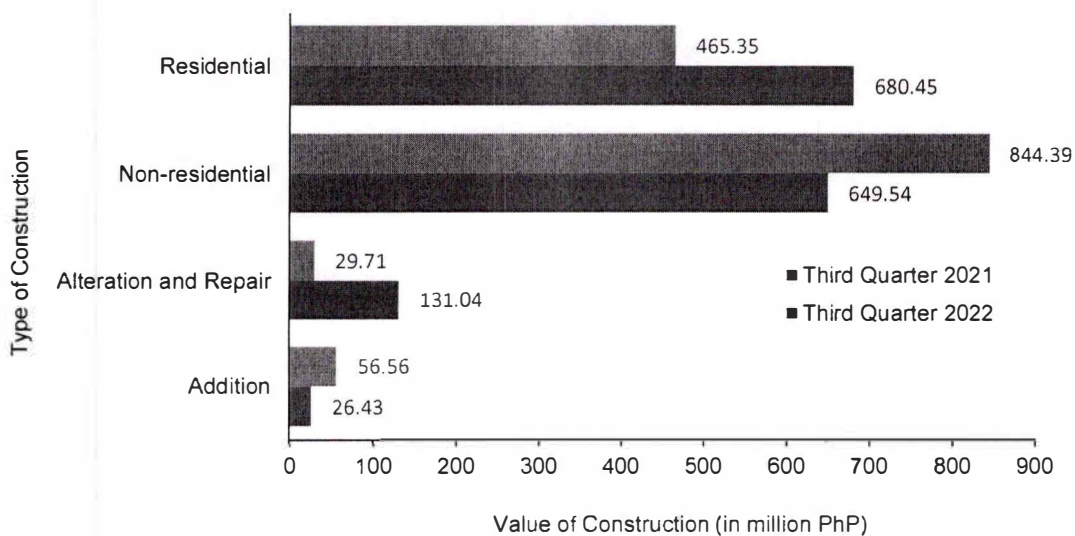
In the third quarter of 2022, the total value of constructions was posted at PhP1.49 billion, higher by 6.6 percent compared with the PhP1.40 billion registered in the third quarter of 2021.

Residential building constructions, valued at PhP680.45 million in the third quarter of 2022, accounted for 45.7 percent of the total value of constructions in the region. This represents an increase of 46.2 percent compared with the construction value of PhP465.35 million reported in the same quarter of 2021.

Value of non-residential building constructions, amounting to PhP649.54 million decreased by negative 23.1 percent from the PhP844.39 million registered in the third quarter of the previous year.

Combined construction values for alteration and repair of existing structures, estimated at PhP131.04 million (8.8 percent of the total value), around 3.4 times higher than the PhP29.71 million in the same quarter of 2021. On the other hand, construction value for addition to existing structures, amounting to PhP26.43 million (1.8 percent), a decline of negative 53.3 percent was observed from the PhP56.56 million posted in the same period of 2021.

Figure 3. Value of Constructions from Approved Building Permit by Type, Caraga: Third Quarter, 2021^F and 2022^F



^F-Final

Source: Industry Statistics Division, PSA



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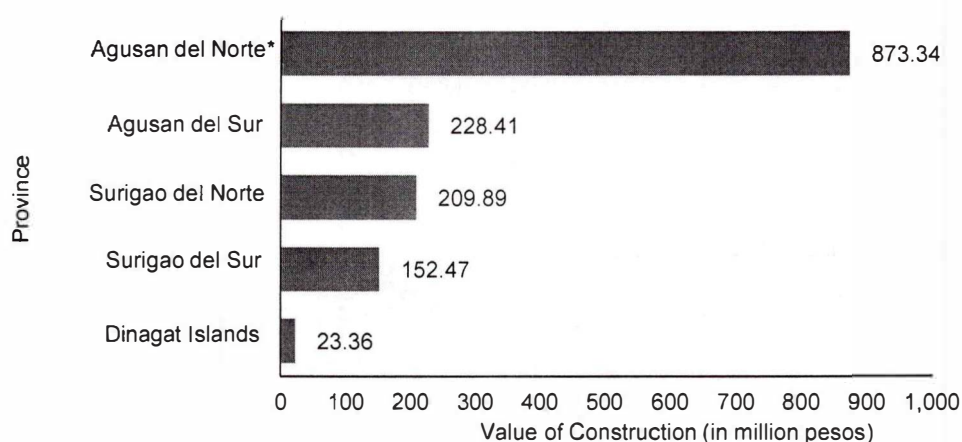


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Agusan del Norte contributes more than half of the total value of constructions

In terms of construction value, Agusan del Norte posted the highest value of building constructions at PhP873.34 million which accounted for more than half or 58.7 percent of the region's total construction value for the third quarter of 2022 with PhP1.49 billion. This was followed by Agusan del Sur with PhP228.41 million (15.4 percent), Surigao del Norte with PhP209.89 million (14.1 percent), and Surigao del Sur with PhP152.47 million (10.3 percent). For this reference period, Dinagat Islands reported the lowest value at PhP23.36 million in building constructions (1.6 percent).

Figure 4. Value of Constructions from Approved Building Permit by Province, Caraga: Third Quarter 2022^F



* -including Butuan City

^F-Final

Source: Industry Statistics Division, PSA

Total floor area of constructions increases

The total floor area of construction for the third quarter of 2022 posted at 144.75 thousand square meters, 2.8 percent higher compared to the 140.78 thousand square meters in the same quarter of 2021.

Residential constructions recorded 76.94 thousand square meters or 53.15 percent of the total floor area of constructions in the third quarter of 2022. Moreover, non-residential constructions, which accounted for 64.78 thousand square meters or 44.75 percent of the total floor area of constructions, exhibited a decline of negative 20.6 percent from 81.58 thousand square meters in the same quarter of 2021.

Further, the total floor area of addition to the existing structures decreased to 3.03 thousand square meters in the third quarter of 2022 from 5.71 thousand square meters in same quarter of 2021.



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Average cost of construction expands

The total average cost of construction in the third quarter of 2022 was PhP10,276.40 per square meter. It increased by 3.6 percent from PhP9,916.01 per square meter in the same quarter of 2021.

Residential building constructions for the third quarter of 2022 had an average cost of PhP8,844.10 per square meter with an average floor area of 104 square meters per building. This average cost recorded an increase of 1.7 percent from the PhP8,699.67 per square meter average cost posted in the same quarter of 2021.

On the other hand, non-residential building constructions posted an average cost of PhP10,027.51 per square meter with an average floor area of 301 square meters per building for the third quarter of 2022. This average cost posted a decline of negative 3.1 percent from the PhP10,349.95 per square meter average cost recorded in the same quarter of 2021.

STATISTICAL TABLES

Table 1. Comparative Construction Statistics by Type of Construction from Approved Building Permits, Caraga: Third Quarter, 2021^F and 2022^F

Type of Construction	3 rd Quarter 2021 ^F	3 rd Quarter 2022 ^F	Growth Rate
	(July to September)		
TOTAL			
Number	863	1,030	19.4
Floor Area (sq.m.)	140,783	144,746	2.8
Value (PhP1,000)	1,396,005	1,489,467	6.7
Average Cost per Square Meter	9,916.01	10,276.40	3.6
RESIDENTIAL			
Number	598	742	24.1
Floor Area (Square Meter)	53,490	76,938	43.8
Value (PhP1,000)	465,345	680,447	46.2
Average Cost per Square Meter	8,699.67	8,844.10	1.7

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Source: Industry Statistics Division, PSA



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Table 1. Comparative Construction Statistics by Type of Construction from Approved Building Permits, Caraga: Third Quarter, 2022^F and 2021^F (Concluded)

Type of Construction	3 rd Quarter 2021 ^F	3 rd Quarter 2022 ^F	Growth Rate
	(July to September)		
NON-RESIDENTIAL			
Number	200	215	7.5
Floor Area (Square Meter)	81,584	64,776	-20.6
Value (Php1,000)	844,391	649,542	-23.1
Average Cost per Square Meter	10,349.95	10,027.51	-3.1
ADDITION			
Number	10	20	100.0
Floor Area (Square Meter)	5,709	3,032	-46.9
Value (Php1,000)	56,559	26,433	-53.3
Average Cost per Square Meter	9,906.98	8,718.17	-12.0
ALTERATION AND REPAIR			
Number	55	53	-3.6
Value (Php1,000)	29,710	131,045	341.1
DEMOLITION/MOVING			
Number	0	0	0.0
Value (Php1,000)	0	0	0.0
STREET FURNITURE/ LANDSCAPING/SIGNBOARD			
Number	21	15	-28.6
Value (Php1,000)	20,816	24,781	19.0

^F-Final

Source: Industry Statistics Division, PSA



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Table 2. Number, Floor Area and Value of Construction from Approved Building Permits by Type and Province, Caraga: Third Quarter 2022^F

Region/ Province	Total			Residential		
	Number	Floor Area (sq.m.)	Value (PhP1,000)	Number	Floor Area (sq.m.)	Value (PhP1,000)
Caraga	1,030	144,746	1,487,467	742	76,938	680,447
Agusan del Norte	611	83,138	873,337	474	47,588	433,776
Agusan del Sur	129	15,341	228,412	65	6,729	81,853
Surigao del Norte	159	28,991	209,894	95	11,590	79,457
Surigao del Sur	118	13,880	152,467	99	8,457	67,800
Dinagat Islands	13	3,396	23,358	9	2,574	17,561

^F-Final

Source: Industry Statistics Division, PSA

Table 2. Number, Floor Area and Value of Construction from Approved Building Permits by Type and Province, Caraga: Third Quarter 2022^F (Continued)

Region/ Province	Non-Residential			Addition		
	Number	Floor Area (sq.m.)	Value (PhP1,000)	Number	Floor Area (sq.m.)	Value (PhP1,000)
Caraga	215	64,776	649,542	20	3,032	26,433
Agusan del Norte	90	32,533	345,446	19	3,017	26,331
Agusan del Sur	47	8,612	89,739	-	-	-
Surigao del Norte	56	17,386	123,913	1	15	103
Surigao del Sur	18	5,423	84,647	-	-	-
Dinagat Islands	4	822	5,797	-	-	-

^F-Final

Source: Industry Statistics Division, PSA

Table 2. Number, Floor Area and Value of Construction from Approved Building Permits by Type and Province, Caraga: Third Quarter 2022^F (Concluded)

Region/ Province	Alteration and Repair		Demolition/Moving		Street Furniture/ Landscaping/Signboard	
	Number	Value (PhP1,000)	Number	Value (PhP1,000)	Number	Value (PhP1,000)
Caraga	53	131,045	-	-	15	24,781
Agusan del Norte	28	67,784	-	-	7	11,697
Agusan del Sur	17	56,820	-	-	5	9,839
Surigao del Norte	7	6,421	-	-	2	332
Surigao del Sur	1	20	-	-	-	-
Dinagat Islands	-	-	-	-	1	2,912

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Source: Industry Statistics Division, PSA



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TECHNICAL NOTES

Introduction

This Special Release presents the preliminary data on construction statistics from approved building permits for the third quarter of 2022. Data are presented in quarterly statistical tables at the regional and provincial level by type of construction.

Scope and Coverage

Construction statistics presented in this special release are based on approved building permits on new constructions and additions, alterations and repairs of existing residential and non-residential buildings, and other structures which are proposed to be constructed in the different cities/municipalities of the region.

Sources of Information

Construction statistics are generated from approved building permits as well as from the demolition and fencing permits collected every month by PSA field personnel from the Offices of Local Building Officials (LBOs).

Limitations of data

1. Data on building constructions are based on approved applications for construction during the reference period and not on the construction work completed during the reference period.
2. The completeness of construction data relies on the approved applications filed with the LBOs. Hence, building constructions without approved building permits are excluded in the tabulation of data.

Geographic Classification

For the third quarter of 2022, building constructions are classified and presented by geographic area using the Philippine Standard Geographic Classification (PSGC) as of December 2020.

Statistics Generated

Construction statistics generated from approved building permits provide monthly data on building construction at the regional and provincial level. The statistics generated are the number, floor area, type of construction, and value of construction.

Aside from the preliminary tables posted in the PSA website, the annual, quarterly, and monthly statistical tables at the municipality level by type of construction are available at the Industry Statistics Division (ISD) under the Economic Sector Statistics Service (ESSS) of the PSA.



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Definition of Terms (Adopted from the Revised and Updated IRR of the National Building Code)

Building permit is a written authorization granted by the LBO to an applicant allowing him/her to proceed with the construction of a specific project after plans, specifications and other pertinent documents have been found to be in conformity with the National Building Code (PD 1096).

Building refers to any independent, free-standing structure comprised of one or more rooms or other spaces, covered by a roof, and enclosed with external walls or dividing walls, which extend from the foundation to the roof.

Construction refers to all on-site work done from site preparation, excavation, foundation, assembly of all the components and installation of utilities, machineries, and equipment of buildings/structures.

Residential building is a building for which its major parts or more than half of its gross floor area is built for dwelling purposes. This type of building can be of the single type, duplex, apartment and/or accessoria, and residential condominium.

Single house is a complete structure intended for a single family or household, i.e., bungalow, 2-storey house, nipa hut, etc.

Duplex house is a structure intended for two households, with complete living facilities for each; it is a single structure divided into two dwelling units by a wall extending from the floor to the ceiling.

Apartment is a structure, usually of two storeys, made up of independent living quarters, with independent entrances from internal walls and courts.

Accessoria is a one or two-floor structure divided into several dwelling units, each dwelling unit having its own separate entrance from the outside.

Residential condominium is a structure, usually of several storeys, consisting of multiple dwelling units.

Other residential construction consists of school or company staff houses, living quarters for drivers and maids, and guardhouses.

Non-residential building includes commercial, industrial, agricultural, and institutional buildings.

Commercial buildings refer to office buildings and all buildings which are intended for use primarily in wholesale, retail and service trades; i.e., stores, hotels, restaurants, banks, disco houses, etc.

Industrial buildings are buildings used to house the production, assembly and warehousing activities of industrial establishments; i.e., factories, plants, mills,



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repair shops, machine shops, printing press, storage plant, electric generating plants.

Institutional buildings are buildings which primarily engaged in providing educational instructions and hospital/health care; ports, airports and other government buildings; i.e. school, museums, libraries, sanitarium, churches, hospitals.

Agricultural buildings are buildings used to house livestock, plants, and agricultural products such as barn, poultry house, piggeries, stables, greenhouses, and grain mill.

Other non-building constructions include cemetery structures, street furniture, waiting sheds, communication towers, etc.

Addition refers to any new construction which increases the height or area of an existing building/structure.

Repair is a remedial work done on any damaged or deteriorated portion/s of a building/structure to restore its original condition.

Renovation is any physical change made on structures to increase their value and quality.

Alteration is a construction in a building/structure involving changes in the materials used, partitioning and location/size of openings, structural parts, existing utilities, and equipment but does not increase the overall area thereof.

Conversion is a change in the use or occupancy of structure or any portion thereof, which has different requirements.

Demolitions refer to the systematic dismantling or destruction of a building/structure, in whole or in part.

Street furniture are street structures consisting of monuments, waiting sheds, benches, plant boxes, lampposts, electric poles, and telephone poles.

Floor area of building refers to the sum of the area of each floor of the building measured to the outer surface of the outer walls including the area of lobbies, cellars, elevator shafts and all communal spaces in multi-dwellings. Areas of balconies are excluded.



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Total value of construction refers to the sum of the cost of building, electrical, mechanical, plumbing, and others. The value is derived from the approved building permit and represents the estimated value of the building or structure when completed.

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