



SPECIAL RELEASE

Construction Statistics from Approved Building Permits Apayao Province, Cordillera Administrative Region, 2021

Date of Release: 27 May 2022
Reference No. 2022-CARAP-SR09

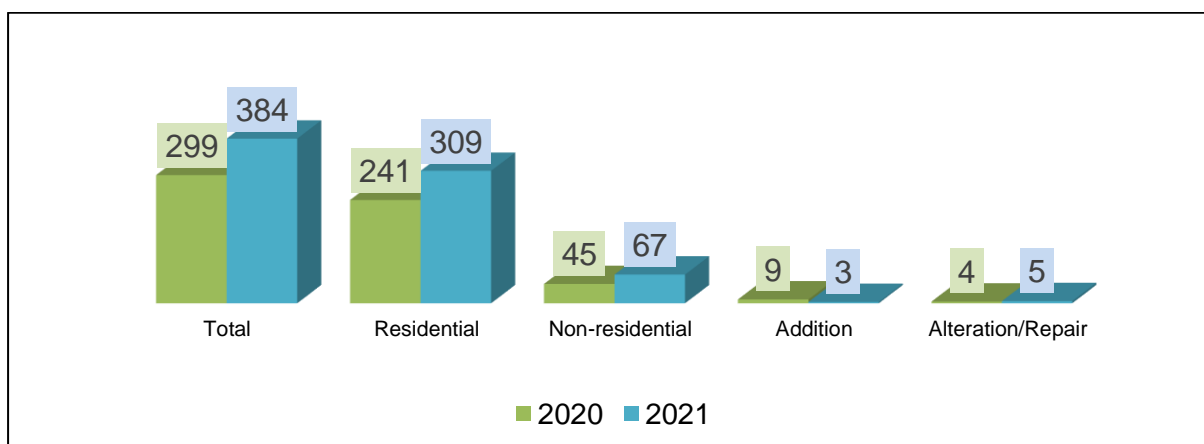
Construction from Approved Building Permits increased by 28.4 percent

1. Number of Constructions

The number of approved building permits for 2021 was recorded at 384, indicating an increase of 28.4 percent a year ago. The total floor area of constructions for 2021 was 47,026 square meters with a cost of PhP 516.944 million. (Figure 1, and Tables 1 and 2)

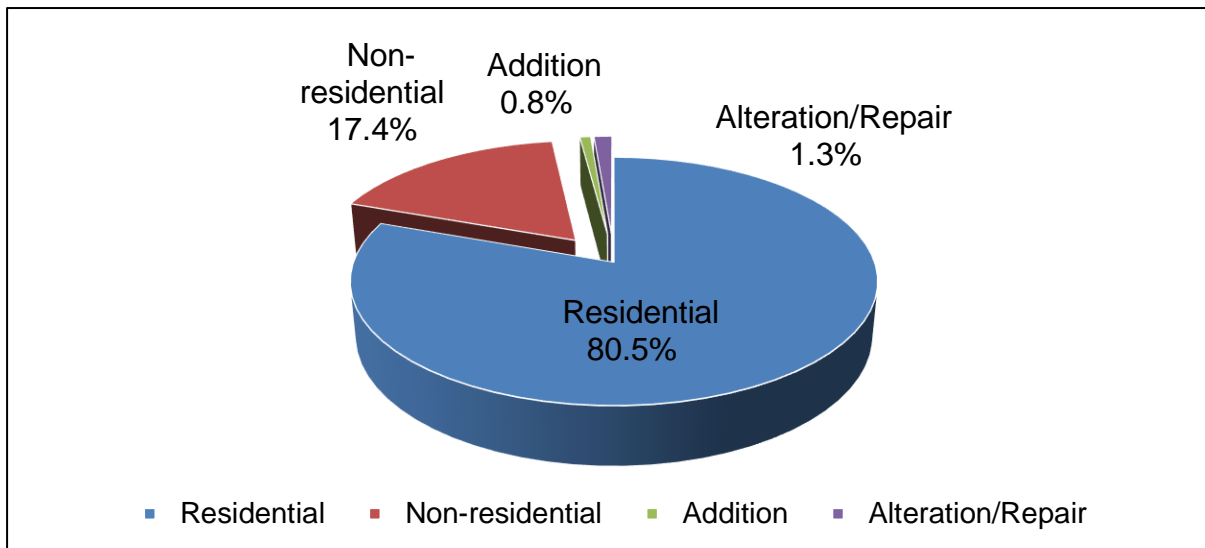
Residential type accounted for the highest count at 309 constructions in 2021. It increased by 28.2 percent from its record in previous year. Number of non-residential was far second at 67 constructions with an increase of 48.9 percent from 45 in 2020. On the other hand, addition, which refers to any new construction that increases the height or area of an existing building/structure, recorded a reduction from nine (9) to three (3) constructions or -66.7 percent from its previous year level, while alteration and repair increased from four (4) to five (5), or 25.0 percent. (Figure 1 and Table 1)

Figure 1. Total Number of Constructions by Type, Apayao Province, Cordillera Administrative Region: 2020 and 2021



Source: Philippine Statistics Authority, and Municipal Engineering Offices in Apayao: Generated Construction Statistics from Approved Building Permits

Figure 2. Percent Contribution by Construction Type, Apayao Province, Cordillera Administrative Region: 2021



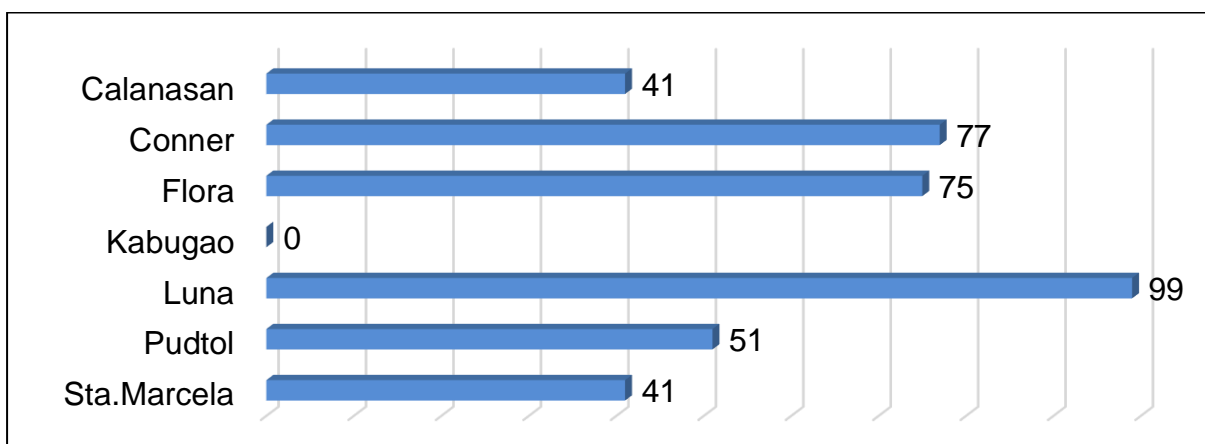
Source: Philippine Statistics Authority, and Municipal Engineering Offices in Apayao:Generated Construction Statistics from Approved Building Permits

By type of construction, residential contributed the largest share at 80.5 percent to the total constructions in 2021; non-residential construction, 17.4 percent; alteration/repair, 1.3 percent; and addition, 0.8 percent. (Figure 2 and Table 1)

Number of constructions was highest in Luna municipality

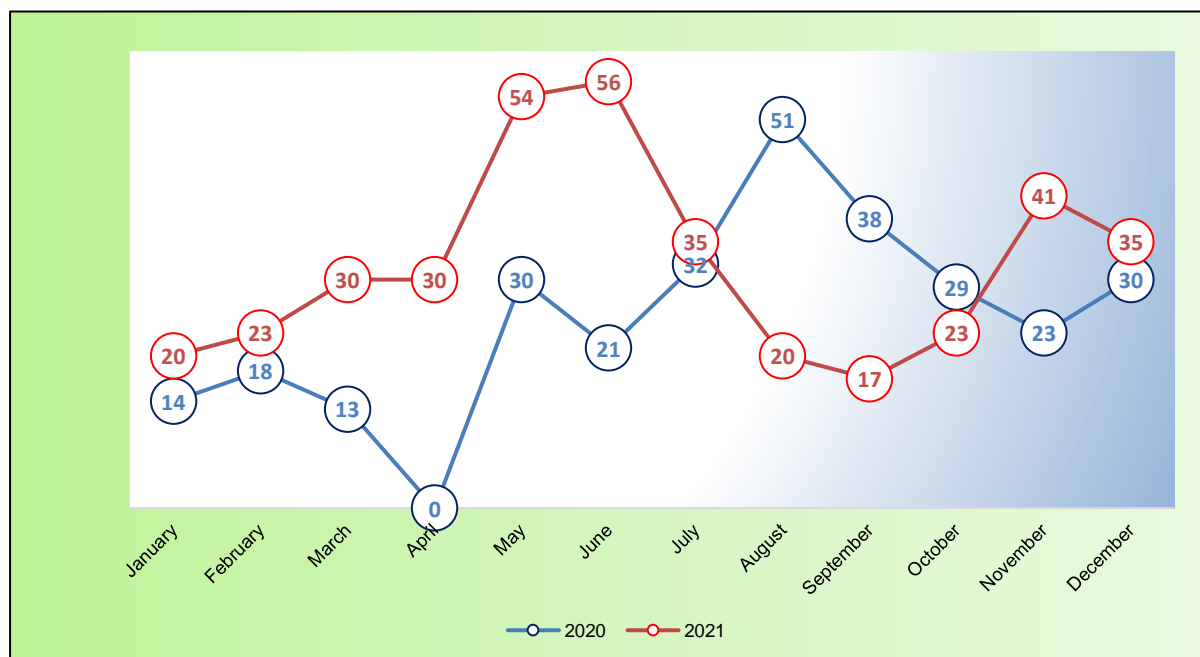
The municipality of Luna registered the highest number of constructions at 99 in 2021. For the reference year, Kabugao had no data but transmitted certificate of no issuances. (Figure 3, and Tables 2 and 3)

Figure 3. Approved Building Permits by Municipality, Apayao Province, Cordillera Administrative Region: 2021



Source: Philippine Statistics Authority, and Municipal Engineering Offices in Apayao:Generated Construction Statistics from Approved Building Permits

Figure 3. Number of Approved Building Permits, by Month, Apayao Province, Cordillera Administrative Region: 2020 and 2021



Source: Philippine Statistics Authority, and Municipal Engineering Offices in Apayao: Generated Construction Statistics from Approved Building Permits

Monthly Constructions

From January to December 2021, the month of June registered the highest with 56 constructions while month of September registered the least number with 17 constructed buildings.

2. Residential Construction

By construction type, residential had the largest floor area of 29,812 square meters and the biggest value at PhP290.847 million. Of the total residential count, 306 were single type with a floor area and value of 28,473 square meters and PhP 283.993 million respectively. The remaining three (3) were apartment/accessoria with a floor area of 1,339 square meters valued at PhP 6.855 million. (Tables 3 and 4)

3. Non-Residential Construction

The floor area of non-residential constructions was 16,762 square meters with a cost of PhP169.244 million. Non-residential was composed of commercial, industrial, institutional, agricultural and other types. Highest construction was recorded in Luna municipality with 25 counts. (Tables 2 and 5)

Table 1. Total Number of Construction by Type, Percent Share, and Change by Level and Percent, Apayao Province, Cordillera Administrative Region: 2020 and 2021

Construction by Type	Number of Approved Building Permits		2021/2020 Change		Percent Share
	2020	2021	Level	Percent	
Total	299	384	85	28.4	100.0
Residential	241	309	68	28.2	80.5
Non-residential	45	67	22	48.9	17.4
Addition	9	3	-6	-66.7	0.8
Alteration/Repair	4	5	1	25.0	1.3

Source: Philippine Statistics Authority, and Municipal Engineering Offices in Apayao:Generated Construction Statistics from Approved Building Permit

Table 2. Total Approved Building Permits by Municipality, by Month, Apayao Province, Cordillera Administrative Region: 2020 and 2021

Month	Total		Calanasan		Conner		Flora		Kabugao		Luna		Pudtol		Sta. Marcela	
	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021
January	14	20	1	4	-	-	-	4	-	-	6	5	7	4	-	3
February	18	23	2	3	1	1	8	3	-	-	5	10	-	5	2	1
March	13	30	5	7	-	1	3	2	-	-	4	12	-	2	1	6
April	-	30	-	8	-	8	-	2	-	-	-	9	-	1	-	2
May	30	54	4	4	-	27	6	9	-	-	7	8	10	4	3	2
June	21	56	8	5	-	15	6	14	-	-	2	10	3	3	2	9
July	32	35	8	-	-	3	7	10	-	-	11	11	6	7	-	4
August	51	20	2	-	-	2	24	9	-	-	13	1	8	4	4	4
September	38	17	6	3	-	7	15	4	-	-	7	2	5	-	5	1
October	29	23	2	1	-	1	7	3	-	-	16	13	3	-	1	5
November	23	41	2	4	-	6	7	13	-	-	6	8	3	7	5	3
December	30	35	4	2	1	6	11	2	-	-	5	10	7	14	2	1
Total	299	384	44	41	2	77	94	75	-	-	82	99	52	51	25	41

Source: Philippine Statistics Authority, and Municipal Engineering Offices in Apayao:Generated Construction Statistics from Approved Building Permits

Table 3. Number, Floor Area and Value of Constructions by Type and by Municipality, Apayao Province, Cordillera Administrative Region: 2021

Province / Municipality	2021		
	Number	Floor Area (sq.m.)	Value (PHP1,000)
Total Constructions			
Apayao	384	47,026	516,944
Calanasan	41	4,797	50,646
Conner	77	5,727	98,059
Flora	75	6,839	78,880
Luna	99	20,777	196,705
Pudtol	51	4,292	46,911
Santa Marcela	41	4,594	45,745
Residential			
Apayao	309	29,812	290,847
Calanasan	34	3,452	19,760
Conner	68	4,339	39,285
Flora	63	5,319	64,217
Luna	74	10,018	97,425
Pudtol	41	3,564	37,380
Santa Marcela	29	3,120	32,780
Non-Residential			
Apayao	67	16,762	169,244
Calanasan	6	1,345	30,646
Conner	5	1,048	4,733
Flora	10	1,408	12,465
Luna	25	10,759	99,280
Pudtol	10	728	9,531
Santa Marcela	11	1,474	12,590
Additions			
Apayao	3	452	3,739
Calanasan	1	-	240
Conner	1	340	1,517
Flora	1	112	1,982
Luna	-	-	-
Pudtol	-	-	-
Santa Marcela	-	-	-
Alterations and Repairs			
Apayao	5		53,114
Calanasan	-		-
Conner	3		52,523
Flora	1		216
Luna	-		-
Pudtol	-		-
Santa Marcela	1		375

Note: Kabugao municipality was not included above since Certificates of No Issuances were provided by its Municipal Engineering Offices

Details of floor area and value may not add up to their respective totals due to rounding.

Source: Philippine Statistics Authority, and Municipal Engineering Offices in Apayao: Generated Construction Statistics from Approved Building Permits

Table 4. Number, Floor Area and Value of Constructions of Residential by Type and by Municipality, Apayao Province, Cordillera Administrative Region: 2021

Province / Municipality	2021			Single			Apartment/Accessoria		
	Number	Floor Area	Value	Number	Floor Area	Value	Number	Floor Area	Value
		(sq.m.)	(PHP1,000)		(sq.m.)	(PHP1,000)		(sq.m.)	(PHP1,000)
Apayao	309	29,812	290,847	306	28,473	283,993	3	1,339	6,855
Calanasan	34	3,452	19,760	34	3,452	19,760	-	-	-
Conner	68	4,339	39,285	68	4,339	39,285	-	-	-
Flora	63	5,319	64,217	62	4,948	62,353	1	371	1,864
Luna	74	10,018	97,425	72	9,050	92,434	2	968	4,991
Pudtol	41	3,564	37,380	41	3,564	37,380	-	-	-
Santa Marcela	29	3,120	32,780	29	3,120	32,780	-	-	-

Note: Kabugao municipality was not included above since Certificates of No Issuances were provided by its Municipal Engineering Offices
 Details of floor area and value may not add up to their respective totals due to rounding.

Source: Philippine Statistics Authority, and Municipal Engineering Offices in Apayao: Generated Construction Statistics from Approved Building Permits

Table 5. Number, Floor Area and Value of Constructions of Non-Residential by Type and by Municipality, Apayao Province, Cordillera Administrative Region: 2021

Province Municipality	2021		
	Number	Floor Area (sq.m.)	Value (PhP1,000)
Apayao	67	16,762	169,244
Calanasan	6	1,345	30,646
Conner	5	1,048	4,733
Flora	10	1,408	12,465
Luna	25	10,759	99,280
Pudtol	10	728	9,531
Santa Marcela	11	1,474	12,590
Commercial			
Apayao	45	5,128	34,435
Calanasan	2	96	646
Conner	3	834	1,508
Flora	7	1,280	10,704
Luna	14	859	4,918
Pudtol	9	620	4,531
Santa Marcela	10	1,439	12,128
Industrial			
Apayao	1	1,150	9,670
Calanasan	-	-	-
Conner	-	-	-
Flora	-	-	-
Luna	1	1,150	9,670
Pudtol	-	-	-
Santa Marcela	-	-	-
Institutional			
Apayao	17	10,149	123,469
Calanasan	4	1,249	30,000
Conner	2	214	3,225
Flora	1	128	1,311
Luna	9	8,450	83,934
Pudtol	1	108	5,000
Santa Marcela	-	-	-
	17	10,149	123,469
Agricultural			
Apayao	2	335	1,219
Calanasan	-	-	-
Conner	-	-	-
Flora	-	-	-
Luna	1	300	758
Pudtol	-	-	-
Santa Marcela	1	35	461
Others			
Apayao	2		451
Calanasan	-		-
Conner	-		-
Flora	2		451
Luna	-		-
Pudtol	-		-
Santa Marcela	-		-

Note: Kabugao municipality was not included above since Certificates of No Issuances were provided by its Municipal Engineering Offices

Details of floor area and value may not add up to their respective totals due to rounding.

Source: Philippine Statistics Authority, and Municipal Engineering Offices in Apayao: Generated Construction Statistics from Approved Building Permits

TECHNICAL NOTES

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 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, 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.

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.

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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