



SPECIAL RELEASE

Batangas Construction Statistics from Approved Building Permits for YEAR 2020 (Final Results)

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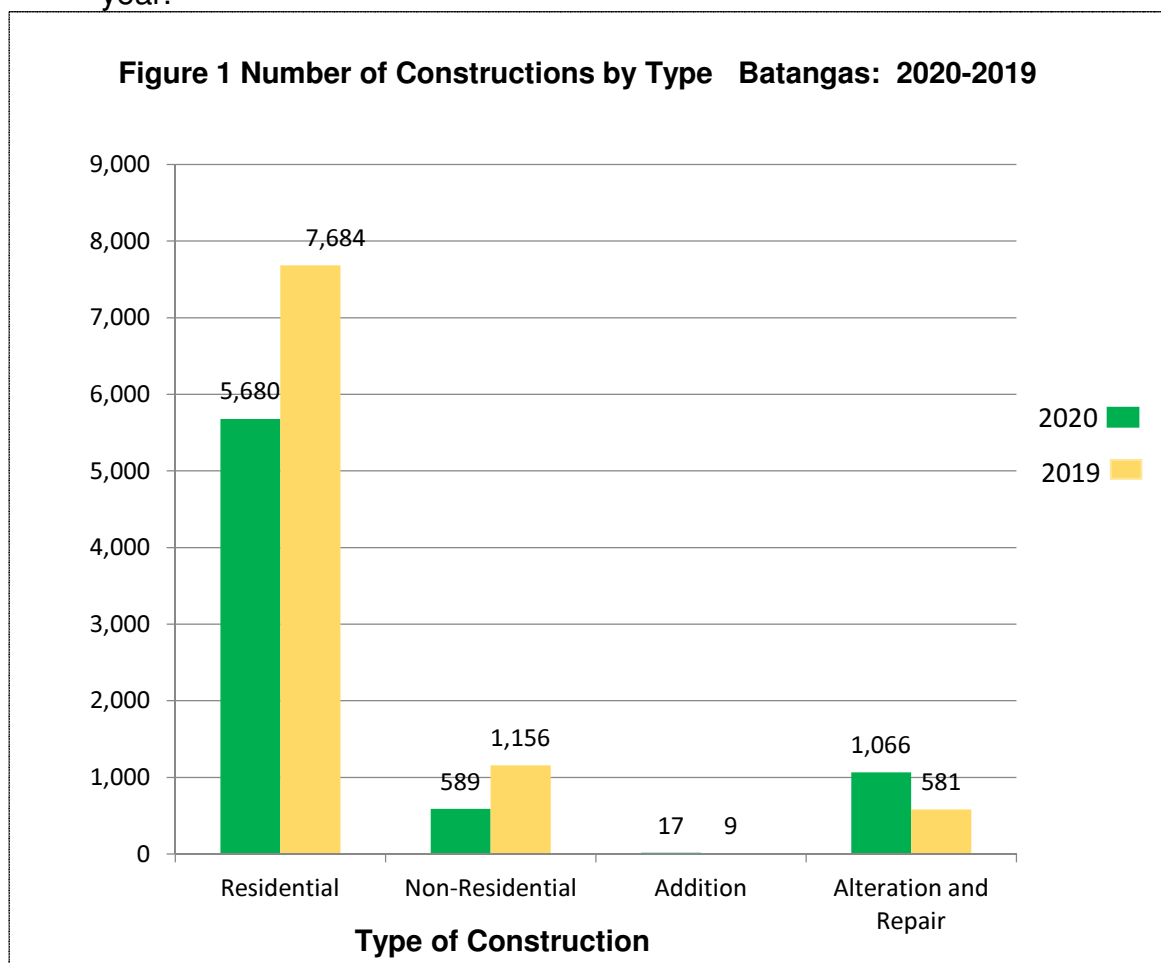
Table A Comparative Statistics		
2020 and 2019		
(details may add up to total due to rounding)		
Type of Construction	2020	2019
TOTAL		
Number	5,680	7,684
Floor Area (sq.m)	918,443	1,896,984
Value (PHP'000)	9,705,748	17,892,302
Residential		
Number	4,008	5,938
Floor Area (sq.m)	539,854	873,542
Value (PHP'000)	5,291,019	8,523,813
Non- Residential		
Number	589	1,156
Floor Area (sq.m)	377,796	1,021,652
Value (PHP'000)	3,718,251	9,041,945
Addition		
Number	17	9
Floor Area (sq.m)	793	1,790
Value (PHP'000)	11,035	11,910
Alteration and Repair		
Number	1,066	581
Value (PHP'000)	685,442	314,634

1. The total number of constructions generated from approved building permits for the year 2020 reached 5,680. This number decreased by -26.1 percent compared to 7,684 constructions recorded in 2019.
2. Residential constructions recorded a faster decline with -32.5 percent in 2020 than the decrease in 2019 with an annual rate of -1.7 percent. Majority (77.1%) of the residential constructions were single-type houses.



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3. Non-residential constructions numbering to 589 posted a -49.0 percent decrease from 1,156 recorded during the same period of previous year. Most (66.6%) of the non-residential constructions were commercial buildings.
4. Additions to existing structures with 17 projects in 2020 increase by 88.9 percent from 9 recorded in 2019. Meanwhile, alterations and repairs of existing structures increased by 83.5 percent to 1,066 in 2020 from 581 projects recorded of previous year.



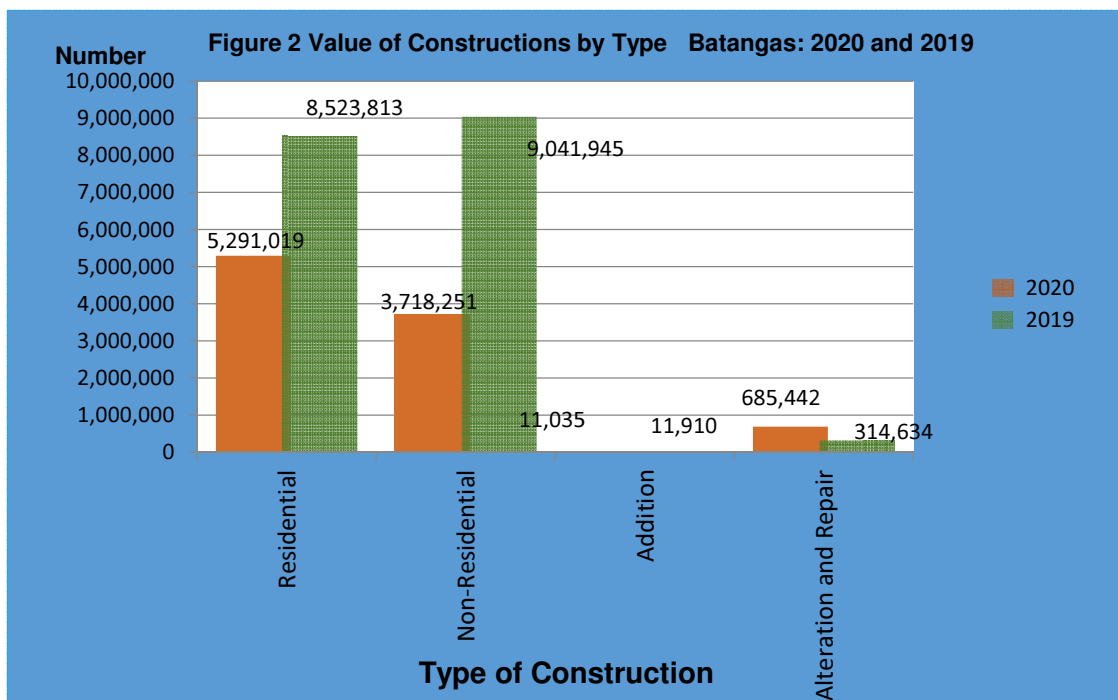
Total value of constructions in 2020 declined by -26.1 percent

5. Total value of constructions reached PHP 9,705,748 million in 2020, representing a decrease of -26.11 percent from the previous year's construction value of PHP17,892,302 million.

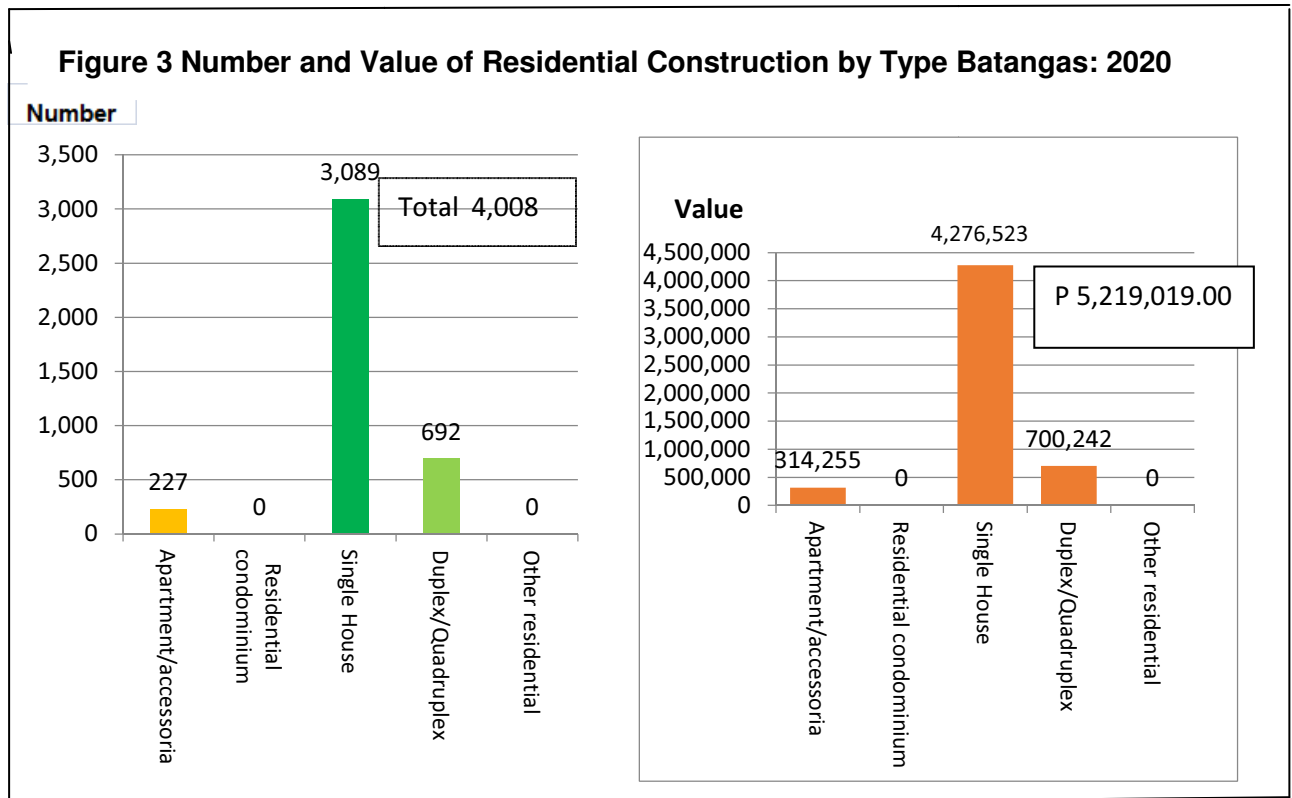


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- Value of residential constructions, accounting for about (54.5%) of the total value of constructions was estimated at PHP5,291,019 million. This translates to a growth of -37.9 percent from previous year's value of PHP 8,523,813 million.
- Construction value of non-residential constructions amounting to PHP3,718,251 million posted a -58.9 percent decrease compared with PHP9,041,945 million in 2019.
- Alterations and repairs of existing structures valued at PHP685,442 thousands, increased by 83.5 percent compared with PHP314,634 million recorded in 2019. On the other hand, value of additions to existing structures declined by -7.3 percent to PHP11,035 thousand from PHP11,910 thousand in 2019.



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Average cost per square meter of residential-type building is PHP134.70

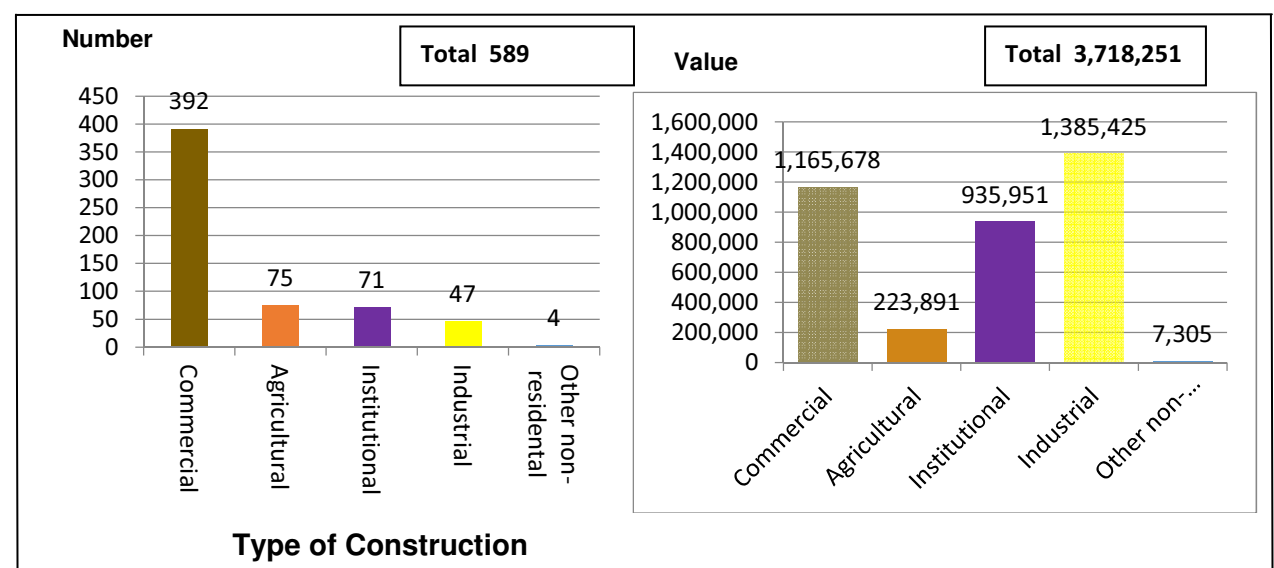
9. In 2020, total value of residential building constructions was estimated at PHP 9,705,748 million with a total floor area of 918,443 thousand square meters, which translated to PHP9,813 average cost per square meter. This figure -3939.5 percent likewise decrease the average cost per square meter of PHP(256) in 2019 because of pandemic.
10. Among residential constructions, single-type houses with 3,089 projects recorded the most number accounting for 77.1 percent of the total. Value of construction for this type amounted to PHP 4,276,523 covering a total floor area of 428,845 square meters or an average cost of PHP9,972 per square meter.
11. Duplex/quadruplex-type dwellings ranked second with 692 projects or 17.3 percent of the total residential constructions. This type of construction valued at PHP 700,242 had a total floor area of 69,750 thousand square meters or an average cost of PHP10,039 per square meter.

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12. Apartment/accessoria units came in next with 227 projects or 5.7 percent of the total residential constructions. Construction value for this type amounted to PHP314,255 thousand with a total floor area of 41,259 thousand square meters or an average cost of PHP 7,617 per square meter.

13. Residential condominium and Other residential had no construction for a year.

Figure 3 Number and Value of Non-Residential Construction by Type Batangas: 2020



Average cost per square meter of non-residential construction is PHP9,787

14. Total value of non-residential constructions in 2020 reached PHP 3,718,251 million covering a total floor area of 377,796 thousand square meters. This represented an average cost of PHP9,787 per square meter, an increase of 12.4 percent compared with PHP8,704 average cost per square meter in 2019.

15. Commercial -type buildings dominated all other types of non-residential constructions with 392 projects or 66.6 percent of the total. Construction value for this type was estimated at PHP 1,165,678 million with a total floor area of 132,326 square meters or an average cost of PHP8,809 per square meter.

16. Agricultural -type buildings followed with 75 projects (12.7%). This type of construction valued at PHP 223,891 thousand had total a floor area of 36,947 thousand square meters or an average cost of PHP 6,060 per square meter.



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17. Institutional-type buildings came in next with 71 projects (-49.3%). Total construction value for this type was estimated at PHP935,951 thousand with a total floor area of 71,742 square meters or an average cost of PHP13,046 per square meter.

18. Industrial-type buildings made up of 47 projects or 8.0 percent of the total non-residential constructions. Construction value for this type amounted to PHP1,385,425 million with a total floor area of 136,781 thousand square meters or an average cost of PHP10,129 per square meter.



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TECHNICAL NOTES

CONSTRUCTION STATISTICS FROM APPROVED BUILDING PERMITS

Introduction

This Special Release presents the final data on construction statistics from approved building permits for the year 2020

The final data set provides updates to the 2020 Quarterly Special Releases on construction statistics. The sources of updates are additional approved building permits collected after cut-off dates because of data collection constraints. These additional documents were not yet available for inclusion in the quarterly tabulation of data on designated target dates.

Scope and Coverage

Construction statistics from approved building permits relate to administrative-based data on new constructions and additions, alterations and repairs of existing residential and non-residential buildings and other structures proposed to be constructed in all cities/municipalities of the country in a specific period.

Sources of Information

Construction statistics are compiled by the Philippine Statistics Authority (PSA) from the copies of original application forms of 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) nationwide.

Limitations of Data

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

Geographic Classification

Building constructions are classified and presented by geographic area using the Philippine Standard Geographic Classification (PSGC) as of December 2017. The PSGC is a systematic classification and coding of geographic areas of the Philippines. The PSGC contains the latest updates on the official number of regions, provinces, cities, municipalities and barangays in the Philippines.



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Industry Classification

Construction statistics utilizes the 2009 Philippine Standard Industrial Classification (PSIC) to identify the industrial classification of the structure proposed for construction through its use or character of occupancy.

Collection

The number of building permit forms accomplished by the applicant comes in five (5) copies. The “NSO copy” of the approved building permit is made available within the first five (5) working days after each reference month. Collections of these documents from the LBO under a certain city/municipality are undertaken by PSA field personnel within this period.

Collected documents for each month are properly checked as to its completeness by verifying the beginning and ending numbers indicated in the permit numbers. Missing numbers are indicated, with corresponding reasons, in the transmittal. In cases where there is no construction in a given month in a municipality, a certification that there was no approved building permit during the reference period is provided by the LBO to the PSA field staff.

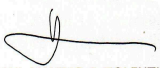
Data Processing

Copies of documents collected from the offices of LBOs are properly controlled, sorted, edited and coded, folioed and encoded in the PSA provincial offices. Collected approved building permits undergo manual and machine processing both at the Central Office (CO) and Field Office (FO). The collected documents are kept at the FO while data files are forwarded to CO.

Manual processing includes receipt and control, editing and coding while machine processing includes data encoding, data merging, data validation and generation of statistical tables. Both the CO and FO utilize the Building Permit Computer System (BPCS) for machine processing of documents. The CO is responsible for validation, consolidation and generation of preliminary tables. During machine validation, inconsistent and invalid entries which are flagged in an error listing are corrected in the data file.

Data files received after the cut-off dates of submission set for each quarter are included in the generation of annual tables. Preliminary results are based from data files that have undergone data processing in the provincial offices and have been validated at the CO. The preliminary tables are revised to include building permit documents received after the cut-off period in the annual tabulation.

Certified by:



RAUL MAXIMO B. TOLENTINO
Chief Statistical Specialist