

CONSTRUCTION  
STATISTICS  
FROM

APPROVED  
BUILDING  
PERMIT



# **GENERATION OF CONSTRUCTION STATISTICS FROM APPROVED BUILDING PERMITS**

Industry and Trade Statistics Department  
Industry Statistics Department  
Non-Manufacturing Section

# Topics

- Historical Background
- Objective
- Uses of Data
- Data Source
- Limitations
- Scope and Coverage
- Geographic & Industrial Classifications
- Data Generated
- Phases of Operations

# Historical Background

1977 - start of collection of BPs

July 11, 1979 - MOA was signed b/n NCSO & MPWTC defining the agencies' responsibilities in the collection of private construction statistics

1993 - joint Memo Circular was issued by DILG & DPWH defining the responsibilities of City/Municipal Engineers relative to the implementation of NBC and the production of construction statistics

# Objective

To provide **monthly** data on building construction  
at the **municipality** level nationwide

Statistics include:

- number of units
- floor area
- type of building
- value of construction

# Major Uses of Data

- estimates on the level of construction activity useful in the computation of national income accounts
- indicators on the level of investment

## Data Source

### Building Permit

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.

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REPUBLIC OF THE PHILIPPINES  
OFFICE OF THE CITY/MUNICIPAL MAYOR

APPENDIX B  
DO NOT FILL-UP (NSO USE ONLY)

APPLICATION NO. 0245 CITY/MUNICIPALITY 12-01-09 PERMIT NO. 091200247 BUILDING PERMIT 12-01-09 DATE OF APPLICATION DATE ISSUED

ORIGINAL RENEWAL

BOX 1 (TO BE ACCOMPLISHED BY DESIGNING ARCHITECT/CIVIL ENGINEER IN CHARGE)

OWNER	LAST NAME	FIRST NAME	M.I.	TIN
DATINGUNDO EDITHA B				
FOR CONSTRUCTION OWNED BY AN ENTERPRISE	FORM OF OWNERSHIP	MAIN ECONOMIC ACTIVITY/KIND OF BUSINESS		
ADDRESS				
TEL. NO.				
LOCATION OF CONSTRUCTION				
LOT 12 BLK 6 PHASE 1 BUDITAN SUBD. MANGUNAD PRINTER BAYAN BATANGAS				
SCOPE OF WORK				
1. NEW CONSTRUCTION				
2. ADDITION OF				
3. REPAIR				
4. RENOVATION				
5. DEMOLITION OF				
OTHERS (SPECIFY)				
NUMBER OF UNITS				
USE OR TYPE OF OCCUPANCY				
RESIDENTIAL				
11 SINGLE				
12 DUPLEX				
13 ROWHOUSE/ACCESORIA				
10 OTHERS (SPECIFY)				
COMMERCIAL				
21 BANK				
22 STORE				
23 HOTEL/MOTEL, ETC.				
24 OFFICE CONDOMINIUM/BUSINESS OFFICE BUILDING				
25 RESTAURANT, ETC.				
26 SHOP (e.g. DRESS SHOP, TAILORING SHOP, BARBER SHOP, ETC.)				
27 GASOLINE STATION				
28 MARKET				
29 DORMITORY OR OTHER LODGING HOUSE				
20 OTHERS (SPECIFY)				
OTHER TYPE OF OCCUPANCY				
60 SPECIFY				
STREET FURNITURE, LANDSCAPING & SIGNBOARDS				
71 PARKS, PLAZAS, MONUMENTS, POOLS, PLANT BOXES, ETC.				
72 SIDEWALKS, PROMENADES, TERRACES, LAMPPOSTS, ELECTRICAL POLES, TELEPHONE POLES, ETC.				
73 OUTDOOR ADS, SIGNBOARDS, ETC.				
74 FENCE ENCLOSURE				
SITE DEVELOPMENT AND LOCATION PLAN	MECHANICAL PLANS & SPECIFICATIONS			
ARCHITECTURAL PLAN & SPECIFICATIONS	LOGBOOK (1 COPY)			
STRUCTURAL DESIGNS AND COMPUTATIONS	OTHERS (SPECIFY)			
SANITARY/PLUMBING PLANS & SPECIFICATIONS				
ELECTRICAL PLANS & SPECIFICATIONS				

BOX 1

- name & address of owner
- form of ownership
- main activity
- location of construction
- scope of work
- number of units
- type of occupancy

Box 2

Checklist of supporting documents

Box 3

LBO's action on the application



**Box 4**

- assessed fees
- receipt number

**Box 5**

Flow of processing and corresponding dates & name of processor

**Box 6**

Name, address and signature of Architect /Civil Engr in charge of the design/plan

**Box 7**

Name, address and signature of Architect /Civil Engr in charge of the construction

**BOX 3A**

- cost
- number of storey
- total floor area
- proposed date of construction
- expected date of completion
- materials of construction

**Box 8**

Signature of the applicant/owner

**Box 9**

- TCT no. of Lot
- Name, address & signature of the lot owner

BOX 3A (TO BE ACCOMPLISHED BY DESIGNED ARCHITECT/CIVIL ENGINEER IN PRINT)

TOTAL ESTIMATED COST	COST OF EQUIPMENT INSTALLED	NUMBER OF STOREYS: 2
BUILDING P. 828,658.32		TOTAL FLOOR AREA: 130.21
ELECTRICAL P. 60,000.00		PROPOSED DATA OF CONSTRUCTION: Dec. 2009
MECHANICAL P. 105,930.00		EXPECTED DATE OF COMPLETION: May 2010
PLUMBING P. 255,889.56		MATERIAL OF CONST. (WOOD, CONC., STEEL, MIXED)
OTHERS P. 1,280,477.88		
TOTAL COST P. 1,280,477.88		

BOX 4 (TO BE ACCOMPLISHED BY THE DIVISION/SECTION CONCERNED):

LC 1,550.47

	AMOUNT DUE	ASSESSED BY	O.R. NUMBER	DATE PAID
LANDING USE/ ZONING, VERIFICATION	15.00			
LINE and GRADE	18.00			
BUILDING	1,480.15			
PLUMBING	72.00			
ELECTRICAL	406.80			
MECHANICAL	1,000.00			
FIRE FUND FEE	-			
SITE DEVELOPMENT FEE	200.00			
OTHERS				
TOTAL	3,191.95			

BOX 5 (TO BE ACCOMPLISHED BY THE DIVISION/SECTION CONCERNED):

NOTED BY: CHIEF, PROCESSING DIVISION/SECTION	IN		OUT		ACTION/REMARKS	PROCESSED BY
	TIME	DATE	TIME	DATE		
RECEIVING and RECORDING	1:00	12-01-09	1:30	12-01-09		
LAND USE and ZONING	1:30	12-01-09	1:40	12-01-09		
CODETIC (LINE and GRADE)	4:10	12-01-09	4:35	12-01-09		
ARCHITECTURAL						
STRUCTURAL	3:00	12-01-09	3:30	12-01-09		
SANITARY/PLUMBING	3:30	12-01-09	4:00	12-01-09		
ELECTRICAL	4:00	12-01-09	4:30	12-01-09		
MECHANICAL						

WE HEREBY AFFIX OUR HANDS SIGNIFYING OUR CONFORMITY TO THE INFORMATION HEREIN ABOVE SET FORTH.

BOX 6

ARCHITECT/CIVIL ENGINEER IN CHARGE OF DESIGN/PLANS & SPECIFICATIONS	PRC REG. NO. 70642
PRINT NAME: PEYNAKDO D. CAPIRAN	
ADDRESS: LOC LOC, SAN LUIS, BATA	
TCT NO. 0284730	DATE ISSUED: 1-08-09
SIGNATURE: [Signature]	PLACE ISSUED: SAN LUIS

BOX 8

SIGNATURE OVER PRINTED NAME: Editha B. Datanguino		
APPLICANT		
COMMUNITY TAX CERT. 04157337	DATE ISSUED: AUG 14, 2009	PLACE ISSUED: BATA

BOX 7

ARCHITECT/CIVIL ENGINEER IN CHARGE OF CONSTRUCTION	PRC REG. NO. 70642
PRINT NAME: S. KONG	
ADDRESS: [Blank]	
PTR NO. [Blank]	DATE ISSUED: [Blank]
SIGNATURE: [Signature]	TIN: [Blank]

BOX 9

WITH MY CONSENT: BOX 9 (TO BE ACCOMPLISHED BY THE LOT OWNER)		
TCT/OCT NO. T-151536		
PRINT NAME OF LOT OWNER: FERDINAND AND EDITHA DATANGUINO		
ADDRESS: #17 F. MANGOS ST. POBLACION 3 BATA		
COMMUNITY TAX CERT. 04157337		
SIGNATURE: [Signature]		



# Limitations

- refer to those proposed to be constructed and not to construction work completed
- completeness of the number of building permits collected relies on the approval of applications

# Scope & Coverage

All cities & municipalities issuing BP for the construction of residential and non-residential structures

## New Construction

- Refers to site preparation for, and building of, entirely new structure

## Addition

- Any new construction which increases the height or area of an existing structure

## Repair

- Remedial work done on any damaged or deteriorated portion of a structure to restore its original condition

## Renovation

- Any physical change made on structures to increase the value, quality or to improve the structural appearance

## Demolition

- Systematic dismantling or destruction of a structure, in whole or in part

# Scope & Coverage

## Type of building construction

### Residential

- single house
- duplex/ quadruplex
- rowhouse/apartment/townhouse
- residential condominium
- housing units for company/school staff

### Non-residential

- Commercial
- Industrial
- Institutional
- Agricultural

# Scope & Coverage

## Type of Non-Residential Construction

Commercial building - use primarily for wholesale, retail and service trading	Industrial building - use to house production, assembly and warehousing activities	Institutional building - use for providing educational instructions & health care; inc ports, airports and other govt buildings	Agricultural building - use to house plants, livestock, poultry and other agricultural products	Other Construction
<ul style="list-style-type: none"> <li>• bank</li> <li>• store</li> <li>• hotel/motel</li> <li>• restaurant</li> <li>• beauty shop</li> <li>• business office</li> <li>• market</li> </ul>	<ul style="list-style-type: none"> <li>• factory</li> <li>• printing press</li> <li>• powerplant</li> <li>• refinery</li> <li>• warehouse</li> <li>• shipyards</li> <li>• repair shop</li> <li>• drydocks</li> </ul>	<ul style="list-style-type: none"> <li>• hospital</li> <li>• church</li> <li>• gymnasium</li> <li>• auditorium</li> <li>• police station</li> <li>• mental asylum</li> <li>• sports complex</li> </ul>	<ul style="list-style-type: none"> <li>• barn</li> <li>• cowshed</li> <li>• stable</li> <li>• green house</li> <li>• grain mill</li> <li>• granaries</li> <li>• grain silo</li> </ul>	<ul style="list-style-type: none"> <li>• cemetery</li> <li>• park/plaza</li> <li>• golf course</li> <li>• outdoor ads</li> <li>• sidewalk</li> <li>• water tank</li> <li>• street furniture</li> <li>• swimming pool</li> </ul>

# Geographic & Industrial Classification

## Geographic Classification

- use the latest PSGC to classify by geographic area the private building construction

## Industrial Classification

- utilize the amended 1994 PSIC to classify the main activity through the use or type of occupancy of the structure

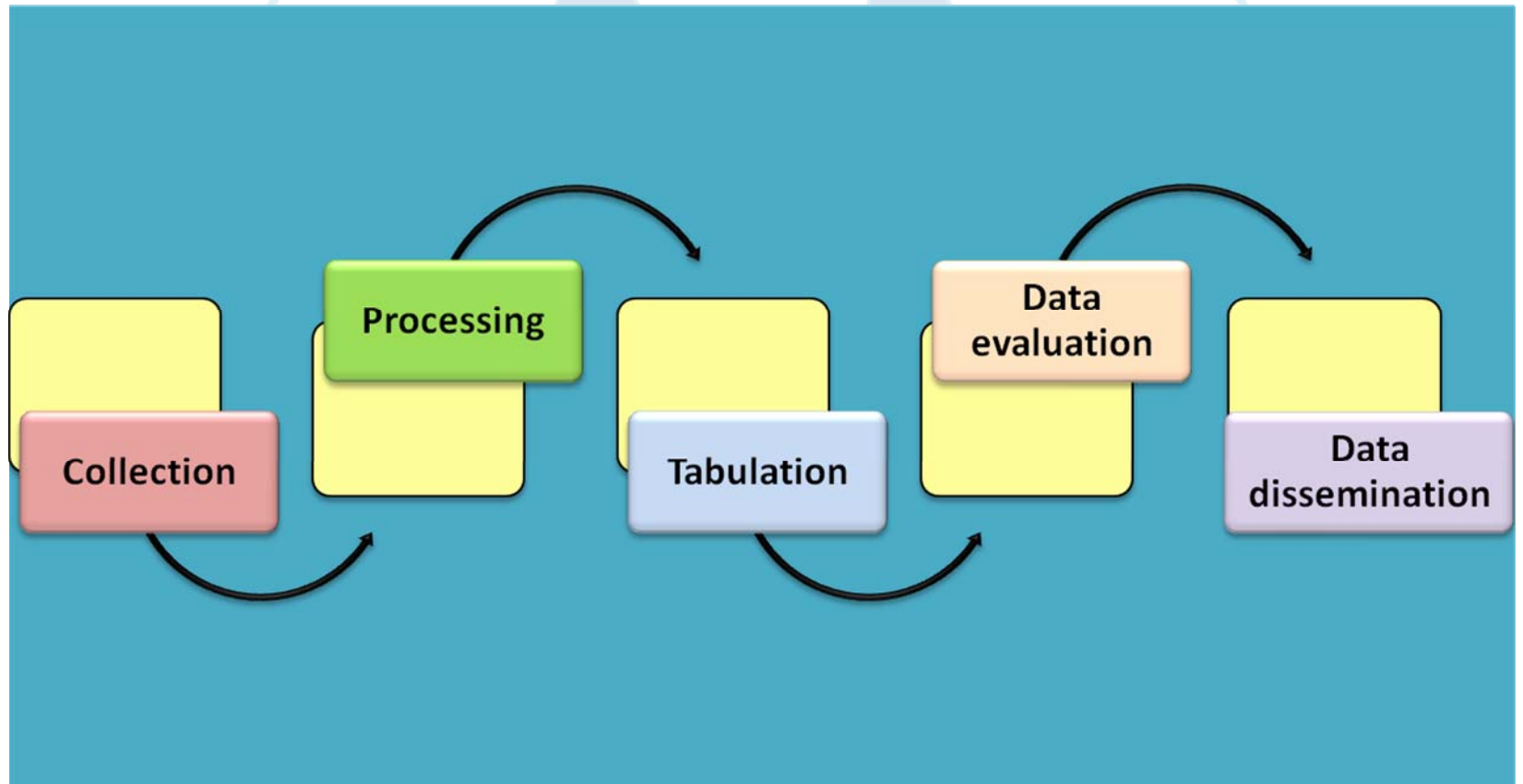


# Data Generated

## Type of data generated

- number of units
- floor area of the building
- value of construction
- type of building

# Phases of Operations

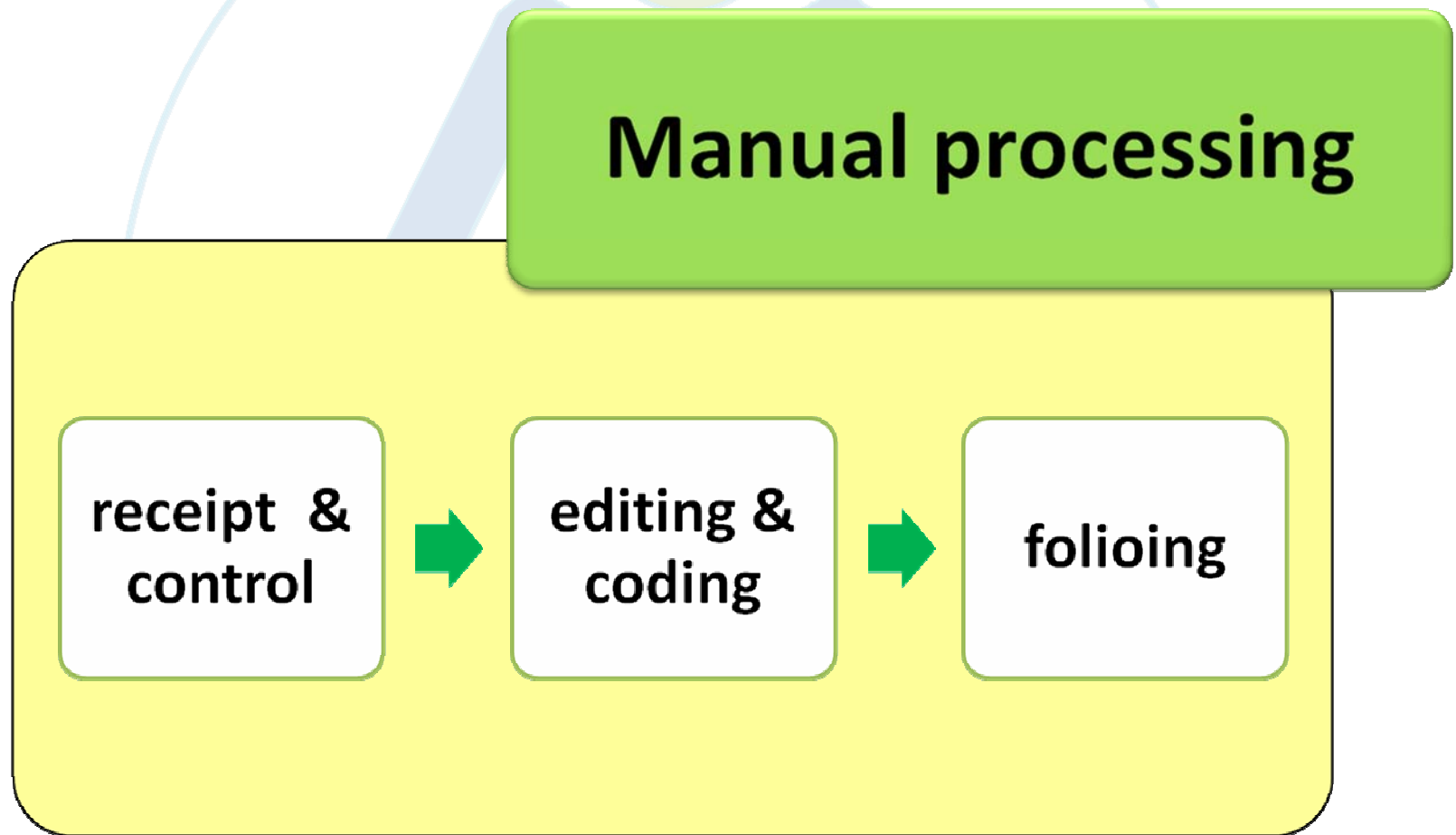


# Phases of Operations

- within the first 5 CD after each reference month
- check completeness of documents
- request certification from LBO that no BP was approved

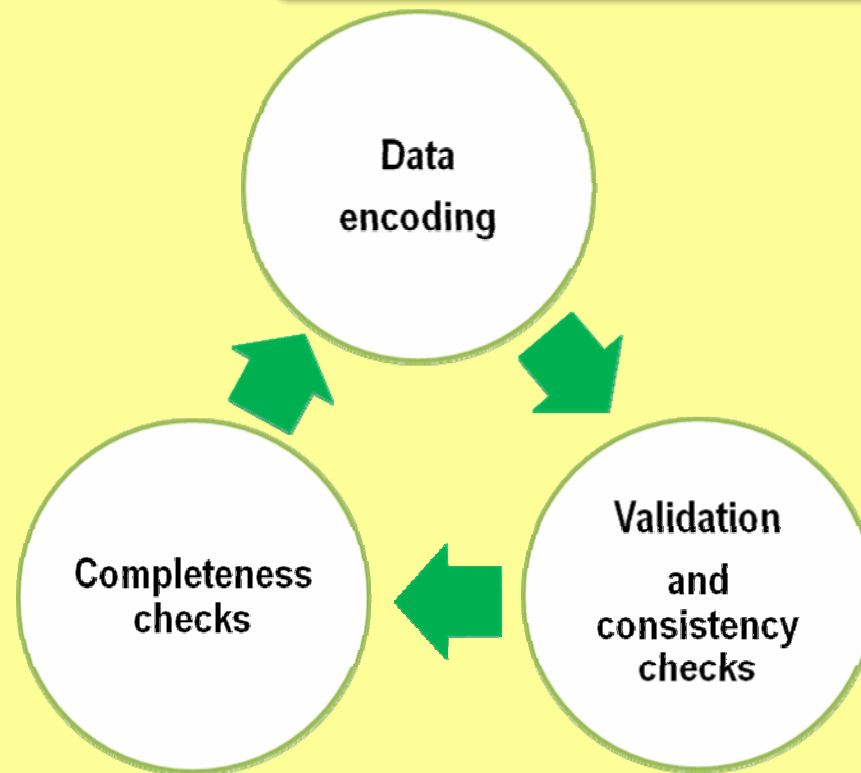
**Collection**

# Phases of Operations



# Phases of Operation

## Machine processing





# Phases of Operations

- statistical tables are generated at the national, regional, provincial, city/ municipality level
  - by month and quarter
  - by type of building
  - by form of ownership

**Tabulation**

# Phases of Operations

## Data evaluation

- check for municipalities w/o construction activity
- check for growth in construction activity

# Phases of Operations

- Release Calendar

- Advance tables**

- 45 days after the reference quarter

- Preliminary tables**

- 90 days after the reference quarter

- Final (annual) tables**

- 8 mos after ref year

**Data Dissemination**

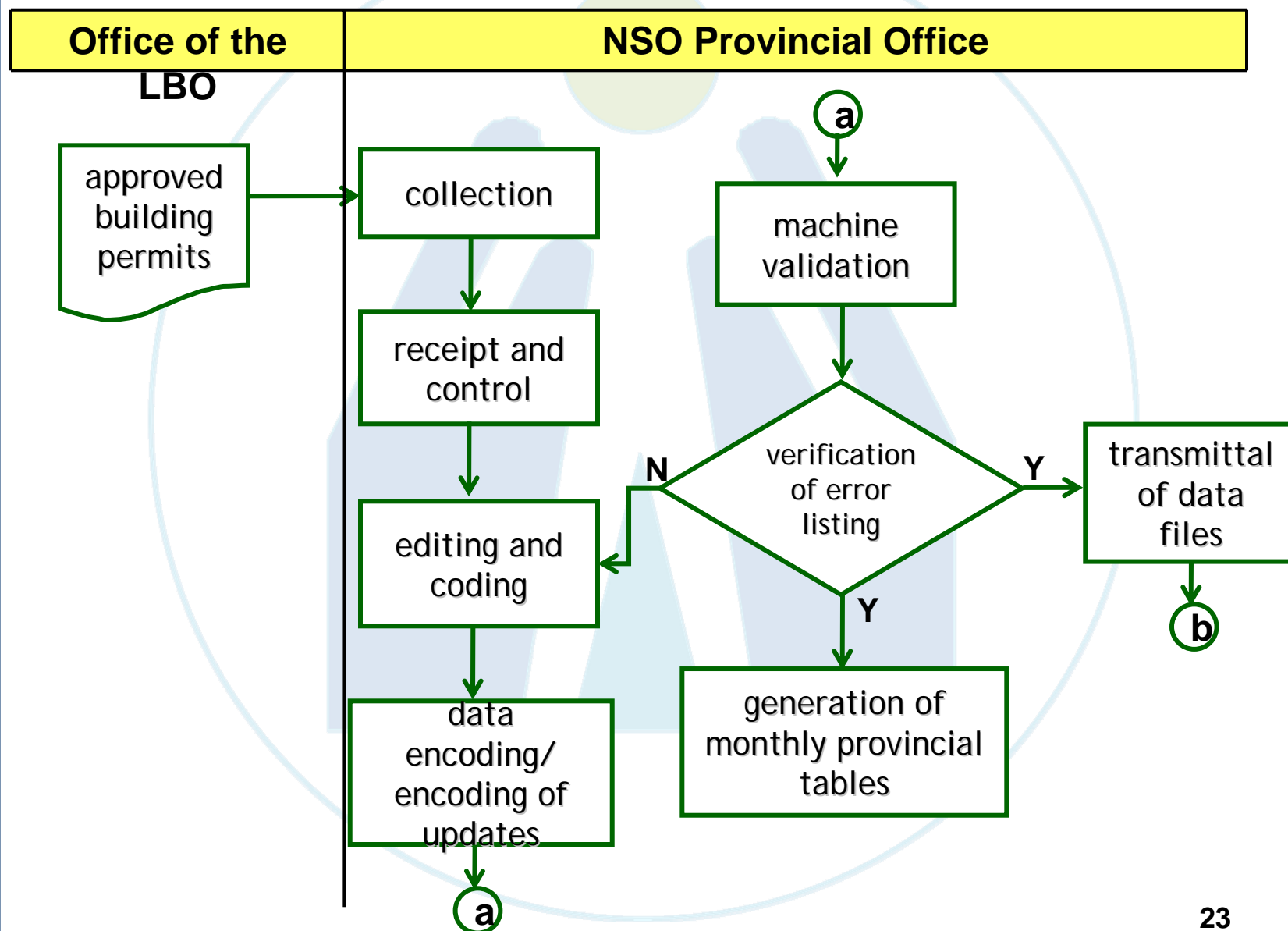
# Phases of Operations

Web-  
posting of  
Special  
Releases

- Quarterly Special Releases & Tables  
w/in 7 CD after release of preliminary  
tables
- Annual Special Release & Tables  
w/in 15 CD after release of annual tables

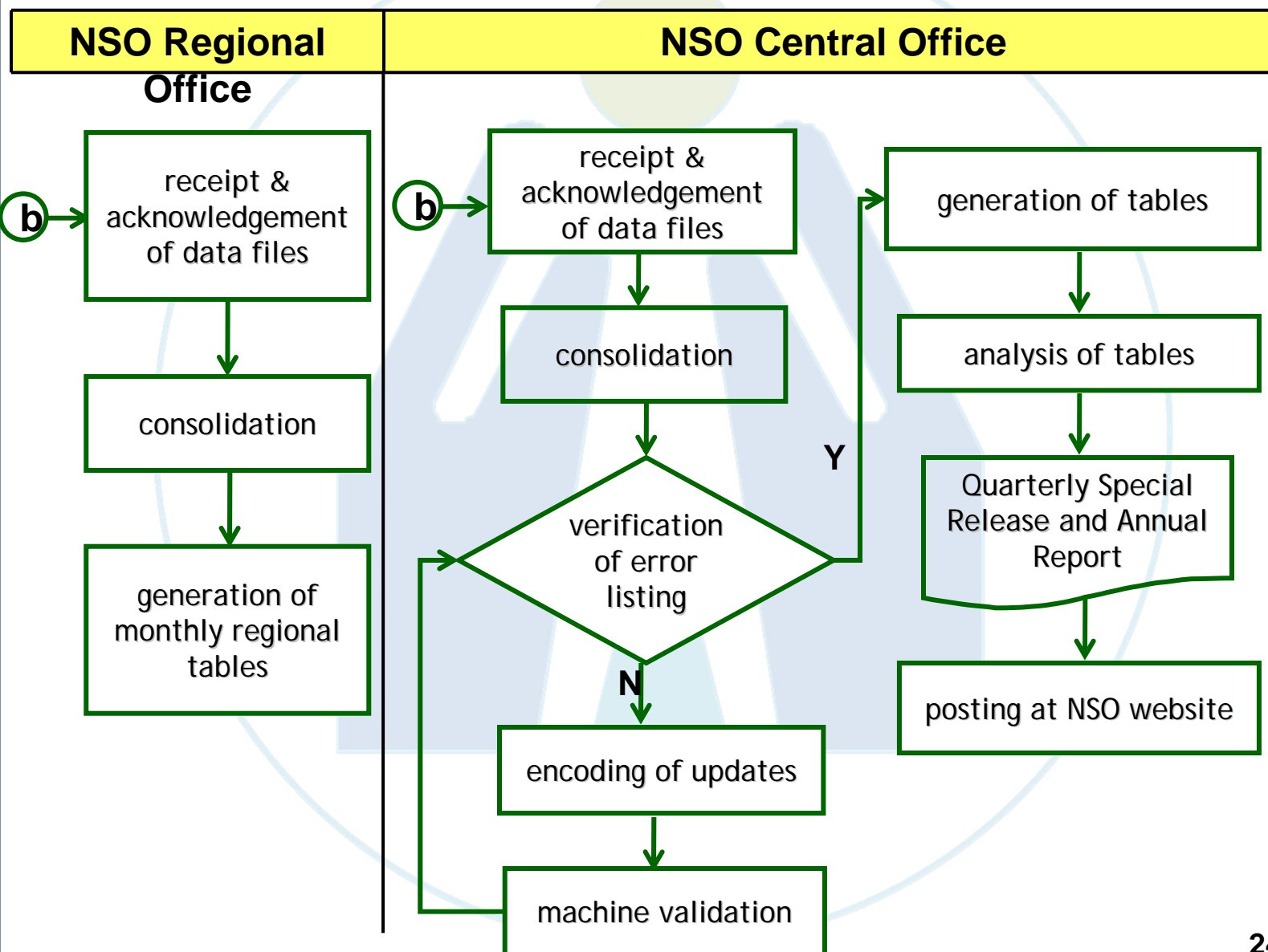
**Data Dissemination**

# Flow of Operations





# Flow of Operations



CONSTRUCTION  
STATISTICS  
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