TRACKING GOVERNMENT PERFORMANCE THROUGH STATDEV

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OUTLINE OF PRESENTATION

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I. Background

- In 2005, the former National Statistical Coordination Board, now part of the Philippine Statistics Authority (PSA), initiated the preparation of Statistical Indicators on Philippine Development or StatDev.
- The StatDev is an instrument formulated and maintained to track the pace of progress in terms of the likelihood of achieving the end-of-plan target of the economic and social development goals set forth in the Philippine Development Plan (PDP).



I. Background. . .

- The measurable indicators and target levels are elaborated in the PDP Results Matrices (PDP-RM), together with the responsible agencies and reporting entities for each indicator.
- With reference to the PDP-RM indicators and targets, StatDev computes for the likelihood of achieving the end-of-plan targets.
- StatDev is updated annually and is released online every July of the year in the PSA website.



II. StatDev Process Flow





W3 JULY

- a. Identification of Indicators
- The StatDev requires two major information:
 - \circ Indicators == > from the PDP-RM Chapters
 - \circ Data sets == > from two major sources:
 - Baseline and target from the PDP-RM
 - Latest data/Updated data/accomplishments from agency sources
- Grouping of PDP-RM Indicators
 - Group 1 (G1) with both baseline data and end-of-Plan target
 - Group 2 (G2) with either baseline data or end-of-Plan target
 - Group 3 (G3) without baseline data and end-of Plan target



b. Data Collection

Focused on:

- \circ G1 indicators without issues from 2017 StatDev
 - Letter request directly from data source agencies (reporting agencies in the PDP-RM)
 - Obtained from the agency websites and publications (e.g., World Economic Forum, Annual Reports, Socioeconomic Report of NEDA)
- Indicators excluded from 2017 StatDev but became publicly available with both baseline and target data in the updated PDP-RM.







b. Data Collection... 65 Data Source Agencies

BLGF DAR BSP DBM BSWM **DENR-BMB** BTr **DENR-EMB** CHED **DENR-FMB** COMELEC **DENR-LMB** CSC **DENR-MGB** DA DepEd DA-ACPC DICT DA-ATI DILG DA-BFAR DILG-BJMP DOE DAP DA-PCIC DOF DA-PhilFIDA DOH DA-PhilMech DOJ

4thNCSConvention on 3 October 2019 | Crowne Plaza Manila Galleria

DOLE DOST DOST-FNRI DOST-PCAARRD DOTr **DSWD-PRPB** DTI DTI-NCC **GPPB-TSO** GSIS HDN HUDCC IC **IPOPHIL** LWUA, WDs

MIAA NAMRIA NCCA NCIP NDRRMC NEDA NIA NWRB **OWWA** PCA PCC PCG PhilHealth PPA SBMA

SC SEC SSS TESDA PSA

Annex 1

	2017 Statistical Indicators on I	Philippine D	evelopment	(StatDev)		Annex 1_Data File
AGENCY: CHAPTER: SOCIETAL GOAL: INTERMEDIATE GOAL:				(0.0.1200)		
		BASI	ELINE	ACTUA	L DATA	REMARKS
OBJECHVE/KESUEIS	STATISTICAL INDICATOR	Year	Data	2017	2018	
Note : Please provide the data for period covered if the data provid	or the shaded cells, review the figures previously provided f led does not cover the whole year.	for the other cells	, and indicate cor	rections and corr	esponding remar	ks, if any. Also, specify
Prepared by:						
Name:			-			
Position/Designation:			-			
Bureau/Office/Division:			-			
Fax number(s).			-			
F-mail address(es):			-			
Website:			-			
Date prepared:			-			



Annex 2

									Annex 2_Metadata File
NAME OF AGENCY OFFICE/DEPARTMENT: DIVISION/UNIT IN CHARGE OF COM	IPILING/GENERATING DATA:						FOCAL PERSON: POSITION/DESIGNATIO TELEPHONE/FAX NUME E-MAIL ADDRESS(ES):	N: BER(S):	
DATA/STATISTICS BEING GENERATED	DEFINITION	FORMULA	POLICY USE/RELEVANCE	PERIODICITY OF THE DATA	DATA DISAGGREGATION	SCHEDULE OF DATA RELEASE/TIME LAG	MODE OF DISSEMINATION	AVAILABLE DATA SERIES/ LATEST DATA AVAILABLE	SOURCE (Admin-based/Survey/Census)
produced by the agency as by-product of their administrative and/or regulatory functions	refers to the major description or meaning of the concept or statistical indicator. This should be an operational definition rather than a conceptual definition.	shows how the term or indicator can be measured and should indicate the major components of the statistical term or indicator being defined. This is required in defining an indicator, but is not applicable when defining a concept.	 for performance monitoring and evaluation for internal management and policy making for planning and program development for reporting to oversight agencies and other requesting institutions others, specify 	 decennial (every ten years) annual semestral quarterly monthly one-shot statistical activity others, specify 	by geographic area: - national - regional - provincial - city/municipality - barangay by sex: - male - female by sectoral grouping: - women/children/elderly/ persons with disabilities (PWDs)/indigenous peoples (IPs) others (specify)	- 15 days after the reference period - one quarter after the reference period - one year after the reference period	 agency website printed publication CD-ROM others, specify 	specify available data series, e.g., 2011-2016/ latest data available, e.g.,	title of administrative form where data was sourced/ title of statistical survey/census and year conducted





- c. Computation of Likelihoods
 - Considerations prior to computation
 - Availability of required data
 - Consistency (data vis-à-vis indicator name, means of verification, etc.)
 - Clarity of concept
 - Timeliness of submission
 - Adopts the UNSIAP methodology, the tracking method used for monitoring the Millennium Development Goals^{1/}



III. Methodology c. Computation of Likelihoods

Pace of Progress = $\frac{actual annual growth rate}{required annual growth rate}$

where:

Actual annual growth rate = $\frac{(latest data/baseline data)-1}{target year - year of latest data}$

Required annual growth rate = $\frac{(target/baseline data)-1}{target year - baseline year}$



III. Methodology c. Computation of Likelihoods

 The computed probabilities are then used as basis for rating the likelihood of achieving End-of-Plan Target based on the following ranges:

Likelihood	Range	Icon		
HIGH	More than 0.9			
MEDIUM	0.5 to 0.9	•••		
LOW	Less than 0.5			



c. Computation of Likelihoods

Case 1: Cummulative annual data

Ex: Number of innovation hubs increased (e.g. TBIs, innovation centers, niche centers, etc.) (cumulative)

	Baseline		Annual Plan Targets						Plan
Data:	Year	Data	2017	2018	2019	2020	2021	2022	Target
	2016	23	33	43	53	63	73	83	83

Decision: Use this **DEFAULT** formula



c. Computation of Likelihoods

Illustration:	Base	eline	Latest Data	Plan Target
	Year	Data	2018	2022
-	2016	23	45	83

Process:





c. Computation of Likelihoods

Case 2: Annual data as increments

Ex: Number of regulatory agencies covered by the regulatory review increased

Data:

Base	eline		Annual Plan Targets						
Year	Data	2017	2018	2019	2020	2021	2022	Target	
2016	47	22	25	25	16	25	25	138	

Decision: Use this revised formula:

Actual annual growth rate = $\frac{((baseline data + \Sigma(latest data))/baseline data) - 1}{\Sigma}$ year of latest data – baseline data



Required annual growth rate = $\frac{((baseline data+target/baseline data)-1)}{(baseline data+target/baseline data)-1}$

target vear – baseline vear

c. Computation of Likelihoods

Illustration:	Base	eline	Lates	Plan Target	
	Year	Data	2017	2018	2022
	2016	47	25	25	138

Process:





c. Computation of Likelihoods

Case 3 – Sustained annual targets

Ex: All requests for free legal assistance/representation acted upon within three (3) working days from date of request <u>maintained</u> (%)

	Baseline		Annual Plan Targets						Plan
Data:	Year	Data	2017	2018	2019	2020	2021	2022	Target
	2016	100	100	100	100	100	100	100	100

Decision: LOW if latest data < baseline; HIGH otherwise. (for + indicators) LOW if latest data > baseline; HIGH otherwise. (for - indicators)



c. Computation of Likelihoods

Case 4a – Ranged annual targets (Positive indicators) Ex: Manufacturing GVA per capita **increased** (PHP)



Decision: Decision: Using the default formula, use the LOWER LIMIT of the "Plan Target"



Illustration:

c. Computation of Likelihoods

Base	eline	Latest Data	Plan Target		
Year	Data	2018	2022		
2016	809	639	2,036-2,314		

Process:





c. Computation of Likelihoods

Case 4b – Ranged annual targets (Negative indicators)

Ex: Foreign currency debt maintained within debt management targets (% of total outstanding debt)

	Baseline		Annual Plan Targets						Plan
Data:	Year	Data	2017	2018	2019	2020	2021	2022	Target
	2016	33.7	31-33	31-33	31-33	31-33	30.5-32.5	30.5-32.5	30.5-32.5

Decision: Decision: Using the default formula, use the <u>UPPER LIMIT</u> of the "Plan Target"



c. Computation of Likelihoods

Illustration:	Base	eline	Latest Data	Plan Target
	Year	Data	2018	2022
_	2016	33.7	33.1	30.5-32.5

Process:





IV. 2018 StatDev Report Final set of Indicators

	Number of Indica	itors by Likelihood Target	l of Achieving the		
Chapter/Sector	High	Medium	Low	Total	
		<u></u>			
Governance	6	3	13	22	
Justice	7	1	5	13	
Culture and Values	1	0	2	3	
Agriculture, Forestry, and Fisheries	20	9	37	66	
Industry and Services	7	6	8	21	
Human Capital Development	22	5	14	41	
Social Protection	4	1	4	9	
Shelter and Housing	2	0	2	4	
Demographic Dividend	2	2	3	7	
Science and Technology	7	0	4	11	
Macroeconomy	16	2	10	28	
Competitiveness	10	0	3	13	
Infrastructure	24	9	17	50	
Environment	10	4	5	19	
Total	138	42	127	307	



IV. 2018 StatDev Report...

Sectoral/Overall Performance

Sectoral/Overall Performance	Icon	Interpretation
Good	:)	The percentage of indicators included in StatDev 2018 which posted low likelihood of achieving their respective end-of- plan targets is at most 33.3%.
Average		The percentage of indicators included in StatDev 2018 which posted low likelihood of achieving their respective end-of- plan targets is more than 33.3% to at most 50.0%.
Poor		The percentage of indicators included in StatDev 2018 which posted low likelihood of achieving their respective end-of- plan targets is more than 50.0%.



IV. 2018 StatDev Report...



http://psa.gov.ph/statdev-main







V. Challenges

- Mapping, grouping, and identification of indicators;
- Delays in the submission of some data source agencies;
- Inconsistency between details in the PDP-RM vis-à-vis agency submission to PSA;
- Inconsistencies in the details of some PDP-RM indicators (e.g. indicator name vs. annual targets, unit of measure, Means of Verification, etc.)
- Abrupt increases or decreases in the data that need vetting of concerned agencies.



VI. Ways Forward

- Revisiting the computation of likelihoods
- Online platform for data collection/agency submissions for easier tracking
- Advocacy fora to increase appreciation on the use of StatDev
- Harmonization of data collection schedule



THANK YOU



