

Evaluation of the Registry System for Basic Sectors in Agriculture

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Outline of the presentation

- Motivation for Review
- Overview of the Registry System for Basic Sectors in Agriculture
- Findings
- Moving Forward

Objectives of RSBSA

- To be used as the basis for developing programs and policies for the agriculture and fishery sectors
- To serve as a targeting mechanism for the identification of the rural poor

Starting 2014, the RSBSA is being used as the basis for identifying those in the agricultural sector that can avail of 100% insurance subsidy from the Philippine Crop Insurance Corporation.

Creation of the RSBSA

Agencies involved

- DBM: main project implementor and custodian
- NSO (now PSA): developed the registration forms, manuals, materials and computerized database system, conduct of training and data processing
- DA and DAR: consultants in technical aspects of the registration activity
- DILG (with LGUs): data collection
 - Punong barangay and barangay secretaries: main implementors
 - C/MAO and C/MPDO: administrative supervision of survey in all barangays

The registration activity was conducted in two phases:

- Phase 1 (January 2012): 20 provinces
- Phase 2 (September to November 2012): 55 provinces
- RSBSA excludes NCR and ARMM provinces

9.8 M farmers, farm laborers and/or fishermen are in the RSBSA (version 1)

Region	No. of Persons who Registered as Farmers Farm Laborers and/or Fishermen	No. of Registered Farmers Farm Laborers and Fishermen	No. of Registered Farmers and Farm Laborers only	No. of Registered Farmers and Fishermen only	No. of Registered Farm Laborers and Fishermen only	No. of Registered Farmers only	No. of Registered Farm Laborers only	No. of Registered Fishermen only
PHILIPPINES	9,780,101	241,876	1,570,505	240,221	248,373	3,296,654	3,288,998	893,474
Cordillera Administrative Region	323,256	10,529	72,901	6,236	6,310	102,184	123,833	1,263
Region I (Ilocos)	651,515	17,199	109,315	12,456	18,347	227,510	222,979	43,709
Region II (Cagayan Valley)	692,105	36,714	143,319	12,447	26,663	167,792	294,135	11,035
Region III (Central Luzon)	718,621	20,194	76,859	13,689	34,336	204,131	309,097	60,315
Region IV-A (CALABARZON)	592,733	8,213	62,152	11,325	12,161	238,155	179,776	80,951
Region IV-B (MIMAROPA)	483,632	18,665	70,687	23,516	20,778	132,298	129,849	87,839
Region V (Bicol)	828,917	23,638	131,294	27,540	31,196	255,714	250,972	108,563
Region VI (Western Visayas)	1,026,112	14,234	183,081	18,255	14,216	321,679	378,967	95,680
Region VII (Central Visayas)	923,567	19,214	110,457	39,813	17,731	390,249	238,965	107,138
Region VIII (Eastern Visayas)	721,266	25,187	110,790	27,532	28,168	227,243	215,173	87,173
Region IX (Zamboanga Peninsula)	507,912	8,624	93,463	8,711	5,725	194,029	133,606	63,754
Region X (Northern Mindanao)	710,135	10,693	133,756	10,568	8,305	253,510	256,584	36,719
Region XI (Davao)	551,067	6,279	92,099	6,022	7,404	201,782	204,337	33,144
Region XII (SOCCSKSARGEN)	672,566	10,680	120,714	11,140	7,166	237,085	243,419	42,362
Caraga	376,697	11,813	59,618	10,971	9,867	143,293	107,306	33,829

6 M farmers in RSBSA are engaged in rice and corn farming

Region	RSBSA	Rice	Corn	HVCC	Livestock	Fisheries
Philippines	9,780,101	3,778,077	2,241,618	5,373,892	6,295,039	3,202,159
Cordillera Administrative Region	323,256	115,423	27,474	96,822	104,406	24,338
Region I (Ilocos)	651,515	289,745	71,743	106,291	207,554	91,734
Region II (Cagayan Valley)	692,105	186,082	125,383	64,525	241,322	86,879
Region III (Central Luzon)	718,621	189,108	12,171	84,067	123,150	108,739
Region IV-A (Calabarzon)	592,733	65,203	16,986	224,807	172,388	112,647
Region IV-B (MIMAROPA)	483,632	107,418	13,446	127,412	155,544	150,740
Region V (Bicol)	828,917	164,614	51,537	278,930	230,051	190,914
Region VI (Western Visayas)	1,026,112	256,483	59,762	173,986	408,863	142,380
Region VII (Central Visayas)	923,567	94,770	202,426	339,812	420,302	183,900
Region VIII (Eastern Visayas)	721,266	125,632	20,254	275,397	182,074	168,047
Region IX (Zamboanga)	507,912	72,784	117,402	181,761	203,874	86,798
Region X (North Mindanao)	710,135	45,459	156,289	224,365	271,167	66,288
Region XI (Davao)	551,067	31,979	71,714	224,255	185,653	52,920
Region XII (SOCCSKARGEN)	672,566	121,666	160,466	174,544	190,736	70,905
CARAGA	376,697	71,078	27,255	153,478	95,947	66,116

There are 402,018 agrarian reform beneficiaries (4.1%) in the RSBSA as of 2014

Region	RSBSA	ARBs
Philippines	9,780,101	402,018
Cordillera Administrative Region	323,256	14,154
Region I (Ilocos)	651,515	18,456
Region II (Cagayan Valley)	692,105	27,077
Region III (Central Luzon)	718,621	37,623
Region IV-A (Calabarzon)	592,733	25,369
Region IV-B (MIMAROPA)	483,632	15,510
Region V (Bicol)	828,917	47,100
Region VI (Western Visayas)	1,026,112	53,763
Region VII (Central Visayas)	923,567	27,938
Region VIII (Eastern Visayas)	721,266	19,366
Region IX (Zamboanga)	507,912	19,755
Region X (North Mindanao)	710,135	16,195
Region XI (Davao)	551,067	29,991
Region XII (SOCKSCARGEN)	672,566	27,261
CARAGA	376,697	22,460

Issues on the RSBSA (version 1)

- Exclusion and leakage
 - There are legitimate agricultural producers that are excluded from the list
 - Persons in the list that should not be in the list (not a farmer, laborer and/or fisherfolk)
- The registry is difficult to link with other databases
 - Based on matching exercise (fuzzy matching) with PCIC lists of insured farmers, there are issues on spelling (e.g. transposition of vowels), completeness of name (e.g. no middle names, nicknames), and duplication

Issues on the RSBSA (version 1)

- No validation of the list happened
- Total arable/agricultural land might be understated in the RSBSA
- The operational definition of farmer is not clear; and concerned agencies might need to fine-tune the list according to their own defined program objectives
 - There were instances that the farm owner and the farm “katiwala” are both listed in the RSBSA
 - Not all the agricultural producers in the list have “insurable interest”, based on non-crop agricultural assets, minimum land hectarage to be insurable, minimum number of livestock to be insured

RSBSA version 1.1 was produced to update the 2012 RSBSA

- A list of agricultural producers from five government agencies (i.e. DAR, PCIC, NIA, BFAR, DA) were submitted to DBM for consideration in adding to the 2012 RSBSA (version 1)
- DBM consolidated the names of agricultural producers from these list and formed the RSBSA version 1.1
 - DAR: 1,938,923
 - PCIC: 20,957
 - NIA: 2,940
 - BFAR: 1,238,788
 - DA: 643,829

Agricultural producers listed in both versions of the RSBSA now at 13.6 M

Region	RSBSA	Version 1.1						Total Combined
	Version 1	DAR	PCIC	NIA	BFAR	DA	Total	
National Capital Region	..	..	..	..	8,442	..	8,442	8,442
Cordillera Administrative Region	323,256	53,537	2,101	376	12,409	11,252	79,675	402,931
Ilocos Region	651,515	94,880	234	234	48,156	56,815	200,319	851,834
Cagayan Valley	692,105	119,269	768	340	46,833	26,020	193,230	885,335
Central Luzon	718,621	230,178	385	385	78,978	142,582	452,508	1,171,129
CALABARZON	592,733	87,776	114	114	88,043	138,462	314,509	907,242
MIMAROPA	483,632	98,674	153	129	98,645	43,819	241,420	725,052
Bicol Region	828,917	132,936	951	139	91,417	9,955	235,398	1,064,315
Western Visayas	1,026,112	191,131	393	174	108,544	21,524	321,766	1,347,878
Central Visayas	923,567	103,978	210	205	83,898	6,793	195,084	1,118,651
Eastern Visayas	721,266	152,568	5,427	133	108,238	55,799	322,165	1,043,431
Zamboanga Peninsula	507,912	96,102	6,560	103	68,036	1,345	172,146	680,058
Northern Mindanao	710,135	106,240	522	145	45,794	9,399	162,100	872,235
Davao Region	551,067	122,467	545	66	35,818	6,084	164,980	716,047
SOCCSKSARGEN	672,566	214,802	1,350	238	63,332	89,054	368,776	1,041,342
Caraga	376,697	134,385	1,244	159	35,156	24,926	195,870	572,567
ARMM	..	..	..	..	217,049	..	217,049	217,049
Total	9,780,101	1,938,923	20,957	2,940	1,238,788	643,829	3,845,437	13,625,538

For the provision of free agricultural insurance, PCIC analyzed the two versions of the RSBSA

- Using the PCIC Automated Business Systems, the list were adjusted to account for names of agricultural producers listed in both RSBSA versions (duplication)
- After adjustments for **name duplication**, the number of RSBSA farmers and fisherfolk was reduced to 10,915,180:
 - Farmers: 5,481,428
 - Farm laborers: 4,069,433
 - Fisherfolk: 1,364,319
- Given that adjustments are made by an automated system, check for duplication may not be accurate and may lead to exclusion of eligible farmers

Recommendations

Validation

- The agricultural producers/workers in the RSBSA must be validated in the field by the appropriate agency/ies---LGU (PAO/MAO), NIA via Irrigators' Associations. There must be only one validated list.
- The registry needs to be updated regularly– every 3 years perhaps or could be updated using the **CBMS data**.
- The definition of farmer, farm worker and fisherfolk must be reviewed vis-à-vis how the registry would be actually used by the different government agencies

Recommendations

Use as targeting tool

- There must be more specific guidelines before the RSBSA can be used for subsidy targeting to guide program implementers who to prioritize.

Use as input in budget estimation

- The RSBSA list can be utilized in the estimation of budgetary requirements of government programs for farmers and fisherfolk.

End of Presentation
