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CHAPTER 8: EXPANDING ECONOMIC OPPORTUNITIES IN AGRICULTURE, FORESTRY, AND FISHERIES																	
Societal Goal																	
To lay down the foundation for inclusive growth, a high-trust and resilient society and a globally competitive knowledge economy																	
Intermediate Goal																	
Reducing inequality																	
Chapter Outcome 1																	
Economic opportunities in agriculture, forestry, and fisheries expanded	Growth of Gross Value Added (GVA) in Agriculture, Forestry and Fisheries (AFF) increased (% , in real terms)	-1.2	*	4.2	*	1.1	*	1.2	*	-0.2	2.5-3.5		DA	PSA			
		2016		2016-2017		2017-2018		2018-2019		2019-2020	2022						
	Crops	-3.2	*	4.7	*	-0.7	*	-2.0		1.5	2.0-3.0		DA	PSA			
		2016		2016-2017		2017-2018		2018-2019		2019-2020	2022						
	Livestock	3.0	*	3.4	*	3.7	*	-0.8		-6.9	3.0-4.0		DA	PSA			
		2016		2017		2018		2019		2020	2022						
	Poultry	1.8	*	5.0	*	5.3	*	5.8		-2.4	3.0-4.0		DA	PSA			
		2016		2016-2017		2017-2018		2018-2019		2019-2020	2022						
	Forestry	-4.3	*	-1.4	*	22.9	*	5.0		-4.3	2.0-3.0		DA	PSA			
		2016		2016-2017		2017-2018		2018-2019		2019-2020	2022						
	Growth in Value of Production of Fisheries increased (% , at constant prices)																
	Commercial	-7.8	*	-5.15	*	-1.89		0.06		0.03	1.0		DA-BFAR	PSA			
		2016		2017		2018		2019		2020	2022						
Municipal	-4.9	*	-0.9		-1.73		2.9		-0.02	3.0		DA-BFAR	PSA				
	2016		2017		2018		2019		2020	2022							
Aquaculture	0.50	*	2.04	*	-0.50		4.17		-0.02	5.00		DA-BFAR	PSA				
	2016		2017		2018		2019		2020	2022							
Growth in the Value of A&F Exports Increased (year-on-year, FOB value, in percent)	-0.10	*	27.62	*	-7.02	*	9.14	*	-7.15	9.00		DA	PSA				
	2016		2016-2017		2017-2018		2018-2019		2019-2020	2022							
Sub-chapter Outcome 1.1																	
Agriculture, forestry and fisheries productivity within ecological limit improved	Yield of major commodities increased (MT/ha, cumulative)																
	Palay	3.90		3.87		4.01		3.97		4.04		4.09		4.45		DA	PSA
		2015		2016		2017		2018		2019		2020		2022			


Objectives/Results	Indicator	Baseline ^{a/}	Latest Data						Plan Target ^{b/}	Likelihood of Achieving the PDP target	Responsible Agency ^{c/}	Reporting Entity ^{d/}	
CHAPTER 8: EXPANDING ECONOMIC OPPORTUNITIES IN AGRICULTURE, FORESTRY, AND FISHERIES													
	White Corn	1.70	1.72	1.80	*	1.86	1.88	1.89	2.50		DA	PSA	
		2015	2016	2017	2018	2019	2020	2022					
	Yellow Corn	4.20	3.97	4.22	4.15	*	4.18	*	4.18	5.00		DA	PSA
		2015	2016	2017	2018	2019	2020	2022					
	Banana	20.50	20.10	20.52	*	20.90	20.39	20.10	**	25.00		DA	PSA
		2015	2016	2017	2018	2019	2020	2022					
	Pineapple	41.10	40.10	40.48	*	41.26	41.60	40.40	**	44.00		DA	PSA
		2015	2016	2017	2018	2019	2020	2022					
	Mango	4.80	4.30	3.96	*	3.83	3.95	4.00	**	5.50		DA	PSA
		2015	2016	2017	2018	2019	2020	2022					
	Sugarcane	54.40	54.55	66.95		56.53	54.63	61.16	**	70.00		SRA	PSA
		2015	2016	2017	2018	2019	2020	2022					
	Cassava	12.20	12.00	12.00		11.96	11.83	11.89	**	19.30		DA	PSA
		2015	2016	2017	2018	2019	2020	2022					
	Coffee	0.60	0.60	0.55		0.53	0.54	0.54	**	2.00		DA	PSA
		2015	2016	2017	2018	2019	2020	2022					
	Cacao	0.40	0.42	0.38		0.29	0.28	0.30	**	1.30		DA	PSA
		2015	2016	2017	2018	2019	2020	2022					
	Rubber	1.80	1.62	1.80		1.85	1.88	1.83	**	2.60		DA	PSA
		2015	2016	2017	2018	2019	2020	2022					
	Abaca	0.52	0.53	0.52		0.54	0.55	0.54	**	0.56		DA-PhilFIDA	PSA
		2015	2016	2017	2018	2019	2020	2022					
	Volume of production increased ('000 MT, cumulative) ^{e/}												
	Hog	2,120.30	2,231.66	2,265.02	2,319.76	2,296.65	**	2,142.65	2,475.50		DA	PSA	
		2015	2016	2017	2018	2019	2020	2022					

Objectives/Results	Indicator	Baseline ^{a/}	Latest Data					Plan Target ^{b/}	Likelihood of Achieving the PDP target	Responsible Agency ^{c/}	Reporting Entity ^{d/}
CHAPTER 8: EXPANDING ECONOMIC OPPORTUNITIES IN AGRICULTURE, FORESTRY, AND FISHERIES											
	Goat	77.50	77.45	77.34	76.95	76.36	** 71.72	83.00		DA	PSA
		<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2022</i>			
	Dairy	20.40	21.16	22.76	23.69	24.38	* 26.71	31.80		DA	PSA
		<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2022</i>			
	Chicken	1,660.80	1,674.51	1,745.89	1,836.66	1,927.41	** 1,809.85	2,246.20		DA	PSA
		<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2022</i>			
	Chicken Egg	444.60	461.72	492.41	533.91	583.23	** 605.79	553.30		DA	PSA
		<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2022</i>			
	Vegetables	1,614.25	* 1,565.37	1,641.50	1,622.90	1,678.61	1,672.29	** 2,171.70		DA	PSA
		<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2022</i>			
	Tilapia	311.70		310.97	321.08	321.2	304.3	392.80		DA-BFAR	PSA
		<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2022</i>			
	Bangus	392.70		416.40	400.12	414.9	421	505.90		DA-BFAR	PSA
		<i>2015</i>		<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2022</i>			
	Seaweeds	1,566.40		1,415.30	1,478.30	1,500.00	1,468.70	2,204.00		DA-BFAR	PSA
		<i>2015</i>		<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2022</i>			
	Tiger prawns	49.60		46.20	44.88	46.00	42.50	96.70		DA-BFAR	PSA
		<i>2015</i>		<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2022</i>			
	White Shrimp	2.10		2.23	* 2.21	* 2.05	* 2.32	4.20		DA-BFAR	PSA
		<i>2015</i>		<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2022</i>			
	Logs (m ³)	842.00		733.50	* 884.30	* 948.10	* 810.10	1,005.40		DENR-FMB	DENR-FMB
		<i>2015</i>		<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2022</i>			
	Almaciga Resin ('000 kg)	445.00		204.65	** 204.50	739.96	813.74	531.40		DENR-FMB	DENR-FMB
		<i>2015</i>		<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2022</i>			
	Bamboo ('000 pc)	1,097.00		998.15	** 1,194.90	1,636.98	* 938.67	1,309.90		DENR-FMB	DENR-FMB
		<i>2015</i>		<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2022</i>			

Objectives/Results	Indicator	Baseline ^{a/}	Latest Data				Plan Target ^{b/}	Likelihood of Achieving the PDP target	Responsible Agency ^{c/}	Reporting Entity ^{d/}
CHAPTER 8: EXPANDING ECONOMIC OPPORTUNITIES IN AGRICULTURE, FORESTRY, AND FISHERIES										
	Postharvest losses of key agricultural commodities reduced (% , cumulative)									
	Rice	14.0	13.7				12.0		DA	DA-PhilMech
		2015	2018				2022			
Technical support services for perennial crops provided	Aggregate Outputs									
	Program area for perennial crops provided with technical support services increased (ha) ^{f/}									
	Mango	592	459	3,761	1,214	109	22,632		DA	DA
		2015	2017	2018	2019	2020	2022			
	Coffee	5,980	6,267	3,044	946	633	57,146		DA	DA
		2015	2017	2018	2019	2020	2022			
	Cacao	5,448	14,387	4,498	1,697	929	65,219		DA	DA
		2015	2017	2018	2019	2020	2022			
	Rubber	3,524	4,789	91	84	44	12,736		DA	DA
		2015	2017	2018	2019	2020	2022			
	Banana	670	620	875	89	25	9,540		DA	DA
		2015	2017	2018	2019	2020	2022			
	Pineapple	38	45	203	28	4	1,005		DA	DA
		2015	2017	2018	2019	2020	2022			
	Cassava	222,993	119,357	39,332	64,688	7,057	1,788,589		DA	DA
		2015	2017	2018	2019	2020	2022			
	Abaca	134,195	153,754	141,614	155,454	156,604	827,850		DA-PhilFIDA	DA-PhilFIDA
		2015	2017	2018	2019	2020	2022			
Technical support services for staple crops provided	Program harvest area for staple crops provided with technical support services increased (ha) ^{f/}									
	Palay	355,782	84,276	714,046	407,715	375,889	** 1,899,248		DA	DA
		2015	2017	2018	2019	2020	2022			
	Yellow corn	535,163	676,585	770,625	870,867	134,825	** 3,329,918		DA	DA
		2015	2017	2018	2019	2020	2022			
	White corn	201,138	181,435	359,741	293,342	91,641	** 1,345,978		DA	DA
		2015	2017	2018	2019	2020	2022			

Objectives/Results	Indicator	Baseline ^{a/}	Latest Data					Plan Target ^{b/}	Likelihood of Achieving the PDP target	Responsible Agency ^{c/}	Reporting Entity ^{d/}
CHAPTER 8: EXPANDING ECONOMIC OPPORTUNITIES IN AGRICULTURE, FORESTRY, AND FISHERIES											
Technical support services for livestock, poultry and dairy provided	Number of group beneficiaries provided with technical support services increased ^{f/}	530	2,125	1,989	1,602	2,080	6,763		DA-NLP, DA-NDA (for Dairy)	DA-NLP, DA-NDA (for Dairy)	
		2015	2017	2018	2019	2020	2022				
Technical support services for fisheries provided	Number of fisherfolk provided with production support increased ^{f/}	118,732	110,206	107,412	63,197	63,610	1,399,177		DA-BFAR	DA-BFAR	
		2015	2017	2018	2019	2020	2022				
Agricultural and fisheries machinery, equipment and facilities distributed	Number of group beneficiaries provided with agricultural and fishery machineries and equipment increased ^{f/}	3,899	6,056	4,891	4,483	3,662	44,863		DA, DA-PhilFIDA, PCA, DA-BFAR, DA-NLP	DA, DA-PhilFIDA, PCA, DA-BFAR, DA-NLP	
		2015	2017	2018	2019	2020	2022				
Production forest, for tree plantation and non-timber forest products increased	Area within the production forest, for tree plantation and non-timber forest products increased (ha, cumulative)										
	Tree plantation	649,941	838,992	870,802	875,843	889,878	731,940		DENR-FMB	DENR-FMB	
		2015	2017	2018	2019	2020	2022				
	Non-Timber Forest Products	402,347	475,924	495,969	501,051	521,319	453,108		DENR-FMB	DENR-FMB	
		2015	2017	2018	2019	2020	2022				
Sub-chapter Outcome 1.2											
Agriculture, forestry and fishery-based enterprises increased	Aggregate Outputs Number of AFF-enterprises with technical support increased ^{f/}	240	304	232	220	240	1,456		DA	DA	
		2015	2017	2018	2019	2020	2022				
Chapter Outcome 2											
Access to economic opportunities by small farmers and fisherfolk increased	Growth in Labor Productivity of Farmers and Fisherfolk Increased (year-on-year at constant prices, in percent)	2.2	12.4	3.8	6.9	-3.2	4.9-6.0		DA	PSA	
		2015	2017	2018	2019	2020	2022				
Sub-chapter Outcome 2.2											
AFF research, development, and extension (RD&E) activities conducted	Aggregate Outputs Share of AFF research and development (R&D) government budget to total AFF GVA increased (% , cumulative)	0.3	1.1	0.9	0.7	0.7	1.1		DA and DOST-PCAARRD	DOST-PCAARRD	
		2015	2017	2018	2019	2020	2022				
	Number of new technologies increased	68	171	162	121	89	826		DA	DA	
		2015	2017	2018	2019	2020	2022				

Objectives/Results	Indicator	Baseline ^{a/}	Latest Data					Plan Target ^{b/}	Likelihood of Achieving the PDP target	Responsible Agency ^{c/}	Reporting Entity ^{d/}
CHAPTER 8: EXPANDING ECONOMIC OPPORTUNITIES IN AGRICULTURE, FORESTRY, AND FISHERIES											
	Number of beneficiaries provided with extension services increased ^{f/}	107,017	111,152	133,979	138,808	120,826	610,396		DA-ATI	DA-ATI	
		2015	2017	2018	2019	2020	2022				
Sub-chapter Outcome 2.3											
Access to innovative financing increased	Share of small farmers borrowing from formal credit sources to total number of farmers availing credit increased (% , cumulative)	62.0	64	62.4			68.0		DA-ACPC	DA-ACPC	
		2015	2017	2018			2022				
	Share of small farmers and fisherfolk with agricultural insurance to total number of farmers and fisherfolk increased (% , cumulative)	5.5	9.6	15.5			30.8		DA-PCIC	DA-PCIC	
		2015	2017	2018			2022				
Institutional capacity building on innovative financing for small farmer/fisherfolk organizations provided	Aggregate Outputs Number of small farmer/fisherfolk organizations participated in institutional capacity building on innovative financing increased (cumulative)	342	533	504	423	198	1,325		DA-ACPC	DA-ACPC	
		2015	2017	2018	2019	2020	2022				
Sub-chapter Outcome 2.4											
Access of small farmers and fisherfolk to land and water resources increased and protected	Share of actual Agrarian Reform Beneficiaries (ARBs) with emancipation patent (EP)/ certificate of land ownership award (CLOA) to total potential ARBs increased (% , cumulative)	89.1	86.6	86.9	87.7	88.1	100		DAR	DAR	
		2016	2017	2018	2019	2020	2022				
Land under CARP distributed	Aggregate Outputs Area distributed under CARP increased (ha, cumulative)	4,823,037	4,857,604	4,886,177	4,918,418	4,937,135	5,415,487		DAR	DAR	
		2016	2017	2018	2019	2020	2022				
	Number of ARBs with EP/CLOAs increased (cumulative)	2,807,108	2,841,680	2,867,293	2,887,914	2,902,443	3,318,254		DAR	DAR	
		2016	2017	2018	2019	2020	2022				
	Area of collective CLOAs subdivided increased (ha, cumulative)	1,114,792	1,161,202	1,202,200	1,250,680	123,307	1,663,039		DAR	DAR	
		2016	2017	2018	2019	2020	2022				

Objectives/Results	Indicator	Baseline ^{a/}	Latest Data					Plan Target ^{b/}	Likelihood of Achieving the PDP target	Responsible Agency ^{c/}	Reporting Entity ^{d/}
CHAPTER 8: EXPANDING ECONOMIC OPPORTUNITIES IN AGRICULTURE, FORESTRY, AND FISHERIES											
Support to registered fisherfolk	Number of registered fisherfolk provided with livelihood projects increased	127,320	113,681	111,880	65,892	65,654	1,625,821		DA-BFAR	DA-BFAR	
		<i>2015</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2022</i>				

^{a/} Revised Data from the submission of the Agency

^{**} Preliminary data

^{a/} Actual data as of December 2015, or most recent available data. May not necessarily be year-end values

^{b/} May either be the cumulative or incremental target value at the end of the Plan period

^{c/} Agency accountable for delivering the outputs/achievement of outcomes

^{d/} Lead agency responsible for reporting progress on indicator targets

^{e/} The volume of production is used as a proxy indicator for productivity of livestock and poultry, fishery species and forest products due to data constraints.

^{f/} Aggregate Output Indicators pertaining to program area, number of enterprises assisted and beneficiaries, either groups or individuals, may not be unique area or enterprises/beneficiaries, as an area/enterprise/group/individual may receive different and/or more than one machinery/equipment, technical support services and livelihood projects.

List of Acronyms:

DA - Department of Agriculture

DA-ACPC - DA-Agricultural Credit Policy Council

DA-ATI - DA-Agricultural Training Institute

DA-BFAR - DA-Bureau of Fisheries and Aquatic Resources

DA-NDA - DA-National Dairy Authority

DA-NLP - DA-National Livestock Program

DA-PCIC - DA-Philippine Crop Insurance Corporation

DA-PhilFIDA - DA-Philippine Fiber Industry Development Authority

DA-PhilMech - DA-Philippine Center for Postharvest Development and Mechanization

DAR - Department of Agrarian Reform

DENR-FMB - DENR-Forest Management Bureau

DOST-PCAARRD - DOST-Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development

PCA - Philippine Coconut Authority

PSA - Philippine Statistics Authority

SRA - Sugar Regulatory Administration