

# 19

## Accelerating Infrastructure Development





## INFRASTRUCTURE DEVELOPMENT ACCELERATED AND OPERATIONS SUSTAINED

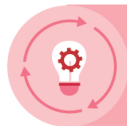


## CLEAN AND HEALTHY ENVIRONMENT PROTECTED



### Activities and projects re-programmed for the new normal

- Invest in necessary infrastructure under the new normal
- Pursue PPPs in infrastructure development
- Continue to push for reforms and convergence programs



### Strategic infrastructure implemented

- Transport
- Water Resources
- Energy
- ICT Infrastructure
- Social Infrastructure



### Asset preservation ensured

- Strengthen technical and financial capabilities for operations and maintenance
- Incorporate climate change adaptation and disaster resilience measures and ensure the security of infrastructure facilities



### Infrastructure- related R&D intensified

- Improve the collection, management, and utilization of infrastructure data across all subsectors for planning, programming, and policy-making

Objectives/ Results	SDG Tier 1 Indicators	Indicator	Baseline <sup>a</sup>		Annual Plan Targets						End of Plan Target <sup>b</sup>	Means of Verification	Responsible Agency <sup>c</sup>	Reporting Entity <sup>d</sup>	Assumptions and Risks
			Year	Value	2017	2018	2019	2020	2021	2022					
<b>Societal Goal</b>															
A healthy and resilient Philippines															
<b>Intermediate Goal 1</b>															
Transforming towards equity and resiliency															
<b>Chapter Outcome 1</b>															
Access to economic opportunities including the digital economy increased															
		Public infrastructure spending increased (% share to Gross Domestic Product or GDP)	2016	4.1*	4.4*	5.1*	5.4	4.2	5.4	4.5	4.5	Actual spending	All Concerned Implementing Agencies (IA)	DBM/ Development Budget Coordination Committee (DBCC)	As approved ad referendum on July 28, 2020 by the DBCC *Actual disbursement
<b>Power/Energy</b>															
	7.3.1 (Energy intensity measured in terms of primary energy and GDP)	Power requirements <sup>e</sup> met (% available capacity over peak demand)	2016	144	146	141	133	148	147	139	139	2019 Phil. Power statistics, List of existing power plants as of June 30, 2019, list of Private sector-initiated power projects as of July 31, 2019	DOE-Electric Power Industry Management Bureau		Assumptions for the planning period 2017 to 2022: a) peak demand projections (DOE PEP 2018 - 2040) based on GDP growth assumptions (2017 and 2018 - Actual, and 2019 to 2022 is 7.5 percent GDP). Reserve margin above peak demand is 25 percent. Capacity for 2020-2022 includes dependable capacity and committed capacity.
		Luzon	2016	140	141	135	125	143	144	137	137				
		Visayas	2016	149	151	145	141	150	146	137	137				
		Mindanao	2016	162	172	173	173	172	161	150	150				
		Energy intensity (primary energy) reduced (tons of oil equivalent per million peso)	2016	6.71	6.37	6.43	6.27	5.82	5.66	5.56	5.56	Annual accomplishment report	DOE	DOE	2016-2019 actual data as of June 23, 2020; the 2020 to 2022 data are from the Philippine Energy Plan (PEP) 2018-2040
		Energy intensity (electricity consumption) reduced (kWh per million peso)	2016	11.18	10.74	10.61	10.44	10.23	10.83	10.84	10.84	Annual accomplishment report	DOE	DOE	
		Electricity consumption per capita increased (kWh per capita)	2016	879.46	727.55	932.01	971.61	1,043.52	1,095.91	1,163.54	1,163.54	Annual accomplishment report	DOE	DOE	
	7.1.1 (Proportion of population with access to electricity)	Proportion of households (HHs) with electricity to total number of HHs increased (% cumulative)	2016	90.70	90.00	96.12	92.96	96.00	98.00	100.00	100.00	Annual accomplishment report	DOE	DOE	
<sup>a</sup> Actual data as of December 2015, or most recent available data. May not necessarily be year-end values. <sup>b</sup> May either be the cumulative or incremental target value at the end of the Plan period. <sup>c</sup> Agency accountable for delivering the outputs/achievement of outcomes. <sup>d</sup> Lead agency responsible for reporting progress on indicator targets. <sup>e</sup> Power requirements including 25 percent reserves. The ratio must always be maintained above 100 percent.															

Objectives/ Results	SDG Tier 1 Indicators	Indicator	Baseline <sup>a</sup>		Annual Plan Targets					End of Plan Target <sup>b</sup>	Means of Verification	Responsible Agency <sup>c</sup>	Reporting Entity <sup>d</sup>	Assumptions and Risks
			Year	Value	2017	2018	2019	2020	2021					
<b>Transport Infrastructure</b>														
<b>Road Transport</b>														
9.1.2 (Passenger and freight volumes, by mode of transport)	Travel Time (decreased) via land per key corridor													
	Metro Manila (in mins/km)	2016	2.32	2.11	2.47	2.44	2.44	2.43	2.43					
	Metro Manila (in hours)	2016	2.97	2.70	3.16	3.12	3.12	3.11	3.11	3.11	MMDA operational reports	MMDA	MMDA	Roads Assessed: Quezon Avenue-6.076 km Commonwealth Avenue- 6.82km R10-6.511km Marcos Highway-4.835km C5-21.097km EDSA-23.08km Roxas Blvd-8.38km
	Quezon Avenue	2016	0.23	0.21	0.25	0.25	0.25	0.25	0.25	0.25				
	Commonwealth Avenue	2016	0.26	0.24	0.28	0.28	0.28	0.28	0.28	0.28				
	Radial Road 10 (R:10)	2016	0.25	0.23	0.27	0.26	0.26	0.26	0.26	0.26				
	Marcos Highway	2016	0.19	0.17	0.20	0.20	0.20	0.20	0.20	0.20				
	Circumferential Road 5 (C:5)	2016	0.82	0.74	0.87	0.86	0.86	0.85	0.85	0.85				
	Epifanio de los Santos Avenue (EDSA)	2016	0.89	0.81	0.95	0.94	0.94	0.93	0.93	0.93				
	Roxas Boulevard	2016	0.32	0.29	0.34	0.34	0.34	0.34	0.34	0.34				
	National Route 1 (N1)/ Pan- Philippine Highway (Laoag - Zamboanga)	2016	61.12	58.58	56.03	53.48	50.94	48.39	45.84	45.84	DPWH operational reports/ Performance Governance System (PGS)	DPWH	DPWH	Average Travel Time of North Bound and South Bound traffic measured during 7AM and 7PM via WAZE Desktop (Internet Browser Version).  DPWH in their submission (dated August 29, 2017) only provided targets for 2019 and 2022, respectively. The Secretariat then computed the values for the years in between via linear equation.
	Manila - Baguio	2016	7.04	6.74	6.45	6.16	5.86	5.57	5.28	5.28				
	Manila - Pagudpud	2016	13.36	12.80	12.25	11.69	11.13	10.58	10.02	10.02				
	Manila - Cagayan	2016	12.11	11.60	11.10	10.59	10.09	9.59	9.08	9.08				
	Manila - Clark	2016	2.80	2.69	2.57	2.45	2.34	2.22	2.10	2.10				
	Clark - Subic	2016	2.09	2.01	1.92	1.83	1.75	1.66	1.57	1.57				
	Manila - Batangas	2016	3.46	3.32	3.17	3.03	2.88	2.74	2.60	2.60				
	Iloilo - Capiz	2016	2.62	2.51	2.40	2.29	2.18	2.07	1.96	1.96				
	Surigao - Davao City	2016	7.10	6.81	6.51	6.22	5.92	5.62	5.33	5.33				
	Butuan - Iligan City	2016	5.80	5.56	5.32	5.08	4.83	4.59	4.35	4.35				
Cagayan De Oro - Davao City	2016	5.70	5.46	5.22	4.99	4.75	4.51	4.27	4.27					
Bacolod - Dumaguete - Bayawan	2016	8.46	8.11	7.76	7.41	7.05	6.70	6.35	6.35					
Danao - Cebu - Santander	2016	4.61	4.42	4.23	4.04	3.85	3.65	3.46	3.46					

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			Year	Value	2017	2018	2019	2020	2021	2022						
<b>Air Transport</b>																
9.1.2 (Passenger and freight volumes, by mode of transport)	Air passenger movement increased (in number of passengers, cumulative)		2016	71,544,224	73,272,079	81,606,586	88,939,394	29,422,435	32,649,577	38,331,790	38,331,790					Real statistics to be counterchecked with Civil Aeronautics Board (CAB) Traffic Flow Statistics
		International Flights	2016	23,796,871	23,233,443	27,486,831	31,240,555	9,259,991	5,967,690	6,599,394	6,599,394					Complete set of data needed from identified agencies
		Ninoy Aquino International Airport (NAIA)	2016	18,938,368	17,736,741	20,983,003	23,990,882	4,912,244	753,337	775,937	775,937	Accomplishment report of the Manila International Airport Authority (MIAA)	MIAA	MIAA		Data based on operations of NAIA
		Civil Aviation Authority of the Philippines (CAAP)	2016	1,522,766	1,410,000	1,450,088	1,490,176	573,849	1,099,246	1,334,799	1,334,799	Airport yearly aircraft, passenger, and cargo data	CAAP	CAAP		Data based on operations of CAAP-operated airports
		Mactan Cebu	2016	2,436,355	2,631,263	3,380,419	3,853,258	1,656,901	1,764,600	1,879,298	1,879,298	Mactan Cebu International Airport (MCIA)	MCIA	MCIA		Data based on operations of the MCIA
		Clark Airport	2016	899,382	1,455,439	1,673,321	1,897,239	2,115,497	2,348,857	2,607,544	2,607,544	Operational report of Clark International Airport Corporation (CIAC)	CIAC	CIAC		Data based on operations of the Clark Airport
		Cagayan Economic Zone Authority (CEZA) Subic Airport	2016	N/A	N/A	N/A	9,000	1,500	1,650	1,815	1,815	Operational report of CEZA	CEZA	CEZA		
			2016									Operational report of Subic Bay International Airport (SBIA)	SBIA	SBIA		
		Domestic Flights	2016	47,747,353	50,038,636	54,119,755	57,698,839	20,162,444	26,681,887	31,732,396	31,732,396					Complete set of data needed from identified agencies
		NAIA	2016	20,578,414	19,985,297	21,650,196	22,911,133	4,899,422	682,652	703,132	703,132	Operational report of MIAA	MIAA	MIAA		Data based on operations of NAIA
		CAAP	2016	20,723,031	22,636,873	24,338,753	26,040,633	10,403,442	20,611,074	25,027,732	25,027,732	Airport yearly aircraft, passenger, and cargo data	CAAP	CAAP		Data based on operations of CAAP-operated airports
		Mactan Cebu	2016	6,394,283	6,905,826	7,419,581	7,786,742	3,659,769	3,897,654	4,151,001	4,151,001	Operational report of MCIA	MCIA	MCIA		Data based on operations of the MCIA
		Clark Airport	2016	51,625	509,778	710,979	959,531	1,198,961	1,489,573	1,849,502	1,849,502	Operational report of CIAC	CIAC	CIAC		Data based on operations of the Clark Airport
		CEZA	2016	784	862	246	800	850	935	1,029	1,029	Operational report of CEZA	CEZA	CEZA		
		Subic Airport	2016									Operational report of SBIA	SBIA	SBIA		

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			Year	Value	2017	2018	2019	2020	2021						2022
	9.1.2 (Passenger and freight volumes, by mode of transport)	Cargo shipped via air increased (international and domestic) (MT, cumulative)	2016	285,859,903	317,778,113	342,073,723	365,880,978	165,540,259	277,918,590	328,931,087	328,931,087				Real statistics to be counterchecked with CAB Traffic Flow Statistics
		International Flights	2016	17,602,540	19,354,678	20,586,931	21,348,817	14,502,995	15,661,850	16,794,068	16,794,068				Complete set of data needed from identified agencies
		NAIA	2016	331,483	387,421	435,227	454,883	236,752	221,039	227,670	227,670	Operational report of MIAA	MIAA	MIAA	Data based on operations of NAIA
		CAAP	2016	306,694	614,640	754,784	894,928	268,669	543,857	711,813	711,813	Airport yearly aircraft, passenger, and cargo data	CAAP	CAAP	Data based on operations of CAAP-operated airports
		Mactan Cebu	2016	16,949,007	18,304,928	19,348,278	19,949,391	13,765,080	14,659,810	15,612,698	15,612,698	Operational report of MCIA	MCIA	MCIA	Data based on operations of the MCIA
		Clark Airport	2016	15,356	47,689	48,642	49,615	232,494	237,144	241,887	241,887	Operational report of CIAC	CIAC	CIAC	Data based on operations of the Clark Airport
		CEZA	2016	N/A	N/A	N/A	N/A	N/A	N/A	N/A		Operational report of CEZA	CEZA	CEZA	
		Subic Airport	2016									Operational report of SBIA	SBIA	SBIA	
		Domestic Flights	2016	268,257,363	298,423,435	321,486,792	344,532,161	151,037,264	262,256,740	312,137,019	312,137,019				Complete set of data needed from identified agencies
		NAIA	2016	298,683	317,426	267,079	236,605	51,879	5,438	5,601	5,601	Operational report of MIAA	MIAA	MIAA	Data based on operations of NAIA
		CAAP	2016	217,981,852	244,131,035	261,647,991	279,164,947	111,255,714	219,939,202	267,069,031	267,069,031	Airport yearly aircraft, passenger, and cargo data	CAAP	CAAP	Data based on operations of CAAP-operated airports
		Mactan Cebu	2016	49,976,828	53,974,974	59,571,722	65,130,609	39,729,671	42,312,100	45,062,387	45,062,387	Operational report of MCIA	MCIA	MCIA	Data based on operations of the MCIA
		Clark Airport	2016	N/A	N/A	N/A	N/A	N/A	N/A	N/A		Operational report of CIAC	CIAC	CIAC	Data based on operations of the Clark Airport
		CEZA	2016	N/A	N/A	N/A	N/A	N/A	N/A	N/A		Operational report of CEZA	CEZA	CEZA	
		Subic Airport	2016									Operational report of SBIA	SBIA	SBIA	

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			Year	Value	2017	2018	2019	2020	2021						2022
		<b>Water Transport</b>													
	9.1.2 Passenger and freight volumes, by mode of transport	Passengers transported by sea increased (in number of passengers, cumulative)	2016	89,155,031	91,652,646	95,682,994	102,325,580	90,110,254	91,663,562	93,273,505	93,273,505			Complete set of data needed from identified agencies	
		Philippine Ports Authority (PPA)	2016	68,951,205	71,252,496	73,652,836	79,545,415	66,330,080	66,993,380	67,663,314	67,663,314	Operational report of PPA	PPA	PPA	Data based on PPA Ports Operations
		Cebu Port	2016	20,203,126	20,400,000	22,030,000	22,780,000	23,780,000	24,670,000	25,610,000	25,610,000	Operational report of Cebu Ports Authority (CPA)	CPA	CPA	Data based on CPA Ports Operations
		Subic Port	2015	700	150	158	165	174	182	191	191	Operational report of Subic Bay Metropolitan Authority (SBMA)	SBMA	SBMA	Data based on SBMA Port Operations
		Mindanao Ports	2016									PHIVIDEC Industrial Authority (PHIVIDEC IA)	PHIVIDEC IA	PHIVIDEC IA	Mindanao Ports not handled by PPA
		San Fernando	2016									BCDA	BCDA	BCDA	San Fernando Port Operations
		Bataan Freeport	2016	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Authority of the Freeport Area of Bataan (AFAB)	AFAB	AFAB	Bataan Freeport Operation
		Cargo shipped increased (international and domestic) (MT, cumulative)	2016	302,682,850	313,881,202	330,127,541	344,302,106	317,922,664	325,124,523	332,057,094	332,057,094			Complete set of data needed from identified agencies	
		PPA	2016	243,757,529	252,038,054	260,672,984	270,959,838	240,452,939	242,857,468	245,286,043	245,286,043	Operational Report of PPA	PPA	PPA	Data based on PPA Ports Operations
		Cebu Port	2016	48,728,761	51,400,000	56,330,000	58,840,000	62,210,000	66,080,000	69,610,000	69,610,000	Operational Report of CPA	CPA	CPA	Data based on CPA Ports Operations
		Subic Port	2015	10,161,715	9,592,887	11,642,240	12,224,352	12,835,570	13,477,349	14,151,216	14,151,216	Operational Report of SBMA	SBMA	SBMA	Data based on SBMA Port Operations
		CEZA	2016	34,845	N/A	N/A	180,000	60,000	66,000	72,600	72,600	Operational Report of CEZA	CEZA	CEZA	Data based on the Sta Ana Cagayan Port operations
		Mindanao Ports	2016									PHIVIDEC IA	PHIVIDEC IA	PHIVIDEC IA	Mindanao Ports not handled by PPA
		San Fernando	2016									BCDA	BCDA	BCDA	San Fernando Port Operations
		Bataan Freeport	2016	N/A	850,261	1,482,317	2,097,916	2,364,155	2,643,706	2,937,235	2,937,235	AFAB	AFAB	AFAB	Bataan Freeport Operation
		Number of vehicles carried by Roll-on/Roll-off (RORO) vessels increased	2016	5,501,809	-	-	7,345,618	6,702,422	6,769,446	6,837,140	6,837,140	Operational Report of PPA	PPA	PPA	Data based on PPA RORO Operations

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			Year	Value	2017	2018	2019	2020	2021	2022					
<b>Rail Transport</b>															
	9.1.2 (Passenger and freight volumes, by mode of transport)	Passenger trips via rail in Metro Manila increased (in % share to total passenger trips, cumulative)	2014	11	13	14	15	16	17	19	19	Metro Manila Urban Transportation Integration Study Update and Capacity Enhancement Project	LRTA/PNR/ DOTr	DOTr	Data may need to be gathered through surveys or consolidation of databases
<b>Information and Communications Technology (ICT)</b>															
		Average broadband download speed increased (Mbps)	2016	4.30	10.00	15.00	20.00	25.00	30.00	35.00	35.00	DICT/Ookla Speedtest global index			Fixed broadband download speed, as of August 2020 (data from Speedtest Global Index, Ookla)
<b>Water Resources</b>															
<b>Water Supply and Sanitation</b>															
	1.4.1p7 (Proportion of families with access to improved water supply)	Proportion of cities/municipalities served by water districts (WDs) with 24/7 water supply increased (% , cumulative)	2016	84.00	85.00	82.00	81.00	86.00	88.00	90.00	90.00	HHS	LWUA, WDs	LWUA, WDs	Actual accomplishment as of 2018 is 84 percent (511/645), due to change in the total number of cities/municipalities.
	1.4.1p8 (Proportion of population living in HHs with access to sanitary facility)	Proportion of cities/municipalities served by sewerage or septage management facilities to total number of cities/municipalities increased (% , cumulative)	To be determined (TBD)	TBD	TBD	TBD	TBD	TBD	TBD	TBD					



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			Year	Value	2017	2018	2019	2020	2021						2022	
<b>Chapter Outcome 2</b>																
Human capital development transformed towards greater agility																
<b>Water Resources</b>																
<b>Water Supply and Sanitation</b>																
	1.4.1p7 (Proportion of families with access to improved water supply)	Proportion of households (HHs) with access to safe water supply to total number of HHs increased (% , cumulative)	2016	87.60	88.98	90.36	91.73	93.11	94.49	95.87	95.87	PSA Annual Poverty Indicators Survey reports		MWSS, LWUA, DILG, LGUs, WDs		
	1.4.1p8 (Proportion of population living in HHs with access to sanitary facility)	Proportion of HHs with access to improved sanitation to total number of HHs increased (% , cumulative)	2016	91.90	92.58	93.25	93.93	94.60	95.28	95.95	95.95	PSA Annual Poverty Indicators Survey reports		MWSS, LWUA, DILG, LGUs, WDs		
<b>Social Infrastructure</b>																
Classroom to pupil ratio improved																
Primary <sup>f</sup>																
	Kindergarten		2014	1:34	1:30	1:25	1:25	1:25	1:25	1:25	1:25	Enhanced Basic Education Information System (EBEIS)	DepEd	DepEd		
	Grades 1-3				1:34	1:32	1:30	1:30	1:30	1:30	1:30					
	Grades 4-6				1:40	1:40	1:40	1:40	1:40	1:40	1:40					
Secondary <sup>g</sup>																
	Junior High School	2014	1:48	1:46	1:45	1:44	1:42	1:40	1:40	1:40	1:40	EBEIS	DepEd	DepEd		
	Senior High School	2014	1:48	1:46	1:45	1:44	1:42	1:40	1:40	1:40						
Water and sanitation (WatSan) facility to pupil ratio improved																
	Primary (K to 6) <sup>h</sup>		2014	1:39	1:37	1:35	1:33	1:31	1:30	1:30	1:30	EBEIS	DepEd	DepEd		
	Junior High School				1:49	1:47	1:45	1:43	1:41	1:40	1:40					1:40
	Senior High School				1:49	1:47	1:45	1:43	1:41	1:40	1:40					1:40
4 a.1 (Proportion of schools with access to: [a] electricity; [b] the Internet for pedagogical purposes; [c] computers for pedagogical purposes; [f] single-sex basic sanitation facilities; and [g] basic handwashing facilities)	Proportion of public schools with connection to electricity to total number of public schools increased (% , cumulative)															
	Primary (K to 6)	2015	86	87	88	90	92	94	95	95	EBEIS	DepEd	DepEd			
	Junior High School	2015	95	95	96	97	98	99	100	100						
	Senior High School	2015	95	95	96	97	98	99	100	100						
	Proportion of public schools with adequate water and sanitation facilities to total number of public schools increased (% , cumulative)															
	Primary (K to 6)	2014	91	92	93	94	96	98	98	98	EBEIS	DepEd	DepEd			
	Junior High School	2014	94	96	98	100	100	100	100	100						
	Senior High School	2014	94	96	98	100	100	100	100	100						

<sup>f</sup> Total number of primary schools as of 2015 is 38,657.

<sup>g</sup> Total number of secondary schools as of 2015 is 8,082.

<sup>h</sup> Average ratio for primary level (disaggregated baseline values unavailable)

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		Barangays with access to Material Recovery Facilities (MRFs) (in % of total no. of barangays, cumulative)	2016	31.28	35	40	45	50	55	60	60	National Solid Waste Management Commission (NSWMC) annual reports	DENR-Environmental Management Bureau (DENR-EMB)/ NSWMC	DENR-EMB/ NSWMC	
		Number of barangays served by MRFs	2016	13,149	14,712	16,814	18,916	21,018	23,119	25,221	25,221	NSWMC annual reports	DENR-EMB/ NSWMC	DENR-EMB/ NSWMC	
		Barangays with access to Sanitary Land Fills (SLFs) (in % of total no. of barangays, cumulative)	2016	15.17	22.96	24.11	25.31	26.58	27.91	29.30	29	NSWMC annual reports	DENR-EMB/ NSWMC	DENR-EMB/ NSWMC	
		Number of LGUs served by SLFs (1,634 LGUs)	2016	248	375	394	414	434	456	479	479	NSWMC Annual Reports	DENR-EMB/ NSWMC	DENR-EMB/ NSWMC	
		Proportion of Barangays with Barangay Health Stations (BHS), Rural Health Units (RHU), or Urban Health Centers (UHC) to the total number of barangays <sup>1</sup> (42,036 as of 2016) increased (% , cumulative)	2017	70.64						72.18	72.18	Latest version of the Philippine Health Facilities Development Plan (PHFDP)	DOH	DOH	
		Regions with at least one Biosafety Laboratory 2 (BSL2) with Real Time Polymerase Chain Reaction (RT-PCR) testing capacity	2020	-	-	-	TBD	TBD	TBD	17	17		DOH		<b>Source of new indicators:</b> DOH Administrative Order No. 2020-0016 - Minimum Health System Capacity Standards for COVID-19
		Regions with at least one dedicated referral hospital/facility/ floor/wings to serve as primary referral center for severe or critical Corona Virus Disease 2019 (COVID-19) cases	2020	-	-	-	TBD	TBD	TBD	17	17		DOH		Preparedness and Response Strategies ( <a href="https://doh.gov.ph/sites/default/files/health-update/ao2020-0016.pdf">https://doh.gov.ph/sites/default/files/health-update/ao2020-0016.pdf</a> )
<b>Information and Communications Technology (ICT)</b>															
	4.a.1 (Proportion of schools with access to: [a] electricity; [b] the Internet for pedagogical purposes; [c] computers for pedagogical purposes; [f] single-sex basic sanitation facilities; and [g] basic handwashing	Proportion of public schools with internet access to total number of public schools increased (% , cumulative)													
		Primary (K to 6)	2015	20	40	60	70	80	90	100	100	EBEIS	DepEd	DepEd	
		Junior High School	2015	54	60	70	80	90	95	100	100				
		Senior High School	2015	54	60	70	80	90	95	100	100				

<sup>1</sup> Total number of barangays as of 2016 is 42,036.

Objectives/ Results	SDG Tier 1 Indicators	Indicator	Baseline <sup>a</sup>		Annual Plan Targets					End of Plan Target <sup>b</sup>	Means of Verification	Responsible Agency <sup>c</sup>	Reporting Entity <sup>d</sup>	Assumptions and Risks	
			Year	Value	2017	2018	2019	2020	2021						2022
<b>Chapter Outcome 3</b>															
Food resiliency ensured and vulnerabilities of Filipinos reduced															
<b>Transport Infrastructure</b>															
<b>Land Transport</b>															
	3.6.1 (Death rate due to road traffic injuries)	Road traffic accident rate reduced (in number of incidents per 100,000 population) - incidence of accidents	2016	10.70	10.32	10.32	10.32	10.00	10.00	10.00	10.00	Philippine Road Safety Action Plan, World Health Organization (WHO) Global Status Report on Road Safety as basis for 2017 data/ (to include PNP, MMDA, DOH, and/or LGUs' report)	DOTr, MMDA, DPWH, LGUs	DOTr, MMDA, DPWH, LGUs	
<b>Water Resources</b>															
<b>Irrigation</b>															
		Cropping intensity increased (% , cumulative)	2016	143	144	147	162	164	166	166	166	National Irrigation Administration (NIA) Annual Reports	NIA, Bureau of Soils and Water Management (BSWM)	NIA, BSWM	
		Ratio of actual irrigated area to the total potential irrigable area increased (% , cumulative)	2016	59	59	60	62	63	65	67	67	NIA annual reports			
<b>Flood Control and Management</b>															
		Ratio of flood-protected areas to the total flood-susceptible areas increased (% , cumulative)	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD		DPWH		