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CHAPTER 10: HUMAN CAPITAL DEVELOPMENT TOWARDS GREATER AGILITY										
Societal Goal										
A healthy and resilient Philippines										
Intermediate Goal										
Transforming towards equity and resiliency										
Chapter Outcome										
Human capital development transformed towards greater agility										
Sub-chapter Outcome 1.1										
Sub-chapter Outcome 1.1.1										
Care at all life stages guaranteed	Maternal mortality ratio decreased (per 100,000 live births)	95	98	108	96	105	108		NEDA SDC-HDPRC, DOH	PSA
		2016	2017	2018	2019	2020	2022			
	Neonatal mortality rate decreased (per 1,000 live births)	13	14				10		NEDA SDC-HDPRC, DOH	PSA
		2013	2017				2022			
	Infant mortality rate decreased (per 1,000 live births)	23	21				15		NEDA SDC-HDPRC, DOH	PSA
		2013	2017				2022			
	Under-5 mortality rate decreased (per 1,000 live births)	31	27				22		NEDA SDC-HDPRC, DOH	PSA
		2013	2017				2022			
	Mortality rate attributed to cardiovascular disease, cancer, diabetes, and chronic respiratory diseases decreased (number of deaths per 100,000 population aged 30-70 years old)	462.5	451.4	453.8	467	464.7	367.1		NEDA SDC-HDPRC, DOH	PSA
		2016	2017	2018	2019	2020	2022			
a) Mortality rate attributed to cardiovascular disease	273.7	269.6	272.3	281.7	282.2	217.3		NEDA SDC-HDPRC, DOH	PSA	
	2016	2017	2018	2019	2020	2022				
b) Mortality rate attributed to cancer	105.2	104.0	104.9	104.5	98.9	83.5		NEDA SDC-HDPRC, DOH	PSA	
	2016	2017	2018	2019	2020	2022				
c) Mortality rate attributed to diabetes	56.1	50.8	50.8	53.5	61.2	44.5		NEDA SDC-HDPRC, DOH	PSA	
	2016	2017	2018	2019	2020	2022				

Objectives/Results	Indicator	Baseline ^{a/}					Plan Target ^{b/}	Likelihood of Achieving the PDP target	Responsible Agency ^{c/}	Reporting Entity ^{d/}
	d) Mortality rate attributed to chronic respiratory disease	27.6	27.0	25.8	27.3	21.3	21.8		NEDA SDC-HDPRC, DOH	PSA
		2016	2017	2018	2019	2020	2022			
	Death rate due to road traffic injuries decreased (per 100,000 population)	10.9	10.9	11.8	11.9	8.0	8.6		NEDA SDC-HDPRC, DOH	PSA
		2016	2017	2018	2019	2020	2022			
	Proportion of households meeting 100% recommended energy intake increased (%)	31.0			21.8		32.2		NEDA SDC-HDPRC, IATF on Zero Hunger, NNC	DOST-FNRI
		2015			2019		2022			
	Prevalence of stunting among children under 5 decreased (%)	33.4			29.6		28.8		NEDA SDC-HDPRC, IATF on Zero Hunger, NNC	DOST-FNRI
		2015			2019		2022			
	Prevalence of wasting among children under 5 decreased (%)	7.1			5.7		9		NEDA SDC-HDPRC, IATF on Zero Hunger, NNC	DOST-FNRI
		2015			2019		2022			
	Prevalence of overweight among children under 5 decreased (%)	3.9			3.5		≤3.9		NEDA SDC-HDPRC, IATF on Zero Hunger, NNC	DOST-FNRI
		2015			2019		2022			
	Prevalence of overweight and obese among adults, 20 years old and up, decreased (%)	31.1			36.6		28		NEDA SDC-HDPRC, IATF on Zero Hunger, NNC	DOST-FNRI
		2015			2019		2022			
	Adolescent birth rate (aged 15-19 years) (per 1,000 women in that age group) decreased	57.1	47.0				37.0		POPCOM Board, POPCOM, DOH	PSA
		2013	2017				2022			
	Tuberculosis incidence decreased (per 100,000 population) ^{e/}	434	554	554	554	539	510		NEDA SDC-HDPRC, DOH	DOH
		2016	2017	2018	2019	2020	2022			

Objectives/Results	Indicator	Baseline ^{a/}							Plan Target ^{b/}	Likelihood of Achieving the PDP target	Responsible Agency ^{c/}	Reporting Entity ^{d/}
	Malaria incidence decreased (per 100,000 population)	6.7	4.0	5.0	5.0	6.0	3.8		1.05		NEDA SDC-HDPRC, DOH	DOH
		2016	2017	2018	2019	2020	2021	2022				
	Prevalence of binge drinking among adults, 20 years old and above (%)	54.9			53.5				51.6		NEDA SDC-HDPRC, DOH	DOST-FNRI
		2015			2019			2022				
	Prevalence of Vitamin A deficiency among children aged 6 months to 5 years old decreased (%)	20.4			15.5				<15		NEDA SDC-HDPRC, IATF on Zero Hunger, NNC	DOST-FNRI
		2013			2019			2022				
	Anemia											
	a) 6 months to 5 years old	13.8			13.4				6.5		NEDA SDC-HDPRC, IATF on Zero Hunger, NNC	DOST-FNRI
		2013			2019			2022				
	b) Pregnant	24.6			23.0				11.6		NEDA SDC-HDPRC, IATF on Zero Hunger, NNC	DOST-FNRI
		2013			2019			2022				
	c) Lactating	16.7			13.0				7.9		NEDA SDC-HDPRC, IATF on Zero Hunger, NNC	DOST-FNRI
		2013			2019			2022				
	d) 60 years old and up	20.8			18.6				9.8		NEDA SDC-HDPRC, IATF on Zero Hunger, NNC	DOST-FNRI
		2013			2019			2022				
	Prevalence of exclusively breastfed children among 0 to 5 months old increased (%)	48.8			56.4				72.3		NEDA SDC-HDPRC, IATF on Zero Hunger, NNC	DOST-FNRI
		2015			2019			2022				
	Prevalence of exclusively breastfed children among 5 months old increased (%)	24.7			32.1				34.7		NEDA SDC-HDPRC, IATF on Zero Hunger, NNC	DOST-FNRI
		2015			2019			2022				










Objectives/Results	Indicator	Baseline ^{a/}					Plan Target ^{b/}	Likelihood of Achieving the PDP target	Responsible Agency ^{c/}	Reporting Entity ^{d/}
Sub-chapter Outcome 1.1.2										
Responsive and resilient health system ensured	Proportion of births attended by skilled health personnel increased (%)	72.8	84.4				99.0		NEDA SDC-HDPRC, DOH	PSA
		<i>2013</i>	<i>2017</i>				<i>2022</i>			
	Proportion of births delivered in a health facility increased (%)	61.1	77.7				95.0		NEDA SDC-HDPRC, DOH	PSA
		<i>2013</i>	<i>2017</i>				<i>2022</i>			
	Proportion of women who are using modern contraceptive methods increased (%)									
	a) All women of reproductive age (15-49 years old) who are currently married or in union	37.6	40.4				65.0		NEDA SDC-HDPRC, POPCOM	PSA
		<i>2013</i>	<i>2017</i>				<i>2022</i>			
	b) All women of reproductive age (15-49 years old)	23.5	24.9				30.0		NEDA SDC-HDPRC, DOH	PSA
		<i>2013</i>	<i>2017</i>				<i>2022</i>			
	Proportion of fully immunized children increased (%)	68.5	69.9				95.0		NEDA SDC-HDPRC, DOH	PSA
	<i>2013</i>	<i>2017</i>				<i>2022</i>				
Percentage of health facilities with no stock out of essential drugs and vaccines increased (%)	65.4		72	45	56	41	90.0		NEDA SDC-HDPRC, DOH	DOH
	<i>2016</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>				
Percentage of women ages 15-49 who received antenatal care from skilled health personnel for the most recent birth increased (%)	95.4	93.8					95.0		NEDA SDC-HDPRC, DOH	PSA
	<i>2013</i>	<i>2017</i>				<i>2022</i>				
Percentage of women age 15-49 with a postnatal check-up in the first two days after birth increased (%)	72	86.1					95.0		NEDA SDC-HDPRC, DOH	PSA
	<i>2013</i>	<i>2017</i>				<i>2022</i>				
	<i>2013</i>	<i>2017</i>				<i>2022</i>				



Objectives/Results	Indicator	Baseline ^{a/}						Plan Target ^{b/}	Likelihood of Achieving the PDP target	Responsible Agency ^{c/}	Reporting Entity ^{d/}
	Percent of provinces with adequate physician to population ratio increased (%)	31	28	28	25	26	30	37.0		NEDA SDC-HDPRC, DOH	DOH
		2016	2017	2018	2019	2020	2021	2022			
	Percent of provinces with adequate nurse to population ratio increased (%)	100	100	99	98	98	95	100.0		NEDA SDC-HDPRC, DOH	DOH
		2016	2017	2018	2019	2020	2021	2022			
	Percent of provinces with adequate midwife to population ratio increased (%)	75	78	79	74	63	77	80.0		NEDA SDC-HDPRC, DOH	DOH
		2016	2017	2018	2019	2020	2021	2022			
	Percentage of airports, seaports, and other points of entries with quarantine facilities that have adequate human resource and equipment	18	44	50	55	52	62	64		NEDA SDC-HDPRC, DOH	DOH
		2016	2017	2018	2019	2020	2021	2022			
	Percentage of regions with at least 1 Biosafety Laboratory Level 2 (BSL2) (with RT PCR)	70.6					100	100		NEDA SDC-HDPRC, DOH	DOH
		2020					2021	2022			
Sub-chapter Outcome 1.1.3											
Equitable health financing sustained	Percentage of population covered by social health insurance	91	93	98	100	100	100	100		NEDA SDC-HDPRC, DOH, PhilHealth	PhilHealth
		2016	2017	2018	2019	2020	2021	2022			
Sub-chapter Outcome 1.2											
Flexible lifelong learning opportunities for all ensured	Mean years of schooling increased	10.0			10.0	10.0	10.00	11.3		DepEd, CHED, TESDA	PSA
		2018			2019	2020	2021	2022			
Sub-chapter Outcome 1.2.1											
Quality, accessible, relevant, and liberating basic education for all achieved	Net enrollment rate increased										
	Kinder	76			63	66		95		DepEd	DepEd
		2018			2019	2020		2022			
	Elementary	94			94	89		97		DepEd	DepEd
		2018			2019	2020		2022			

Objectives/Results	Indicator	Baseline ^{a/}				Plan Target ^{b/}	Likelihood of Achieving the PDP target	Responsible Agency ^{c/}	Reporting Entity ^{d/}		
	Junior High School	81		83	81	92		DepEd	DepEd		
		2018		2019	2020	2022					
	Completion rate increased (%)										
	Kinder to Grade 6	97		97	79	98		DepEd	DepEd		
		2018		2019	2020	2022					
	Grade 7 to 12	81		77	69	84		DepEd	DepEd		
		2018		2019	2020	2022					
Sub-chapter Outcome 1.2.2											
Quality of higher education and technical education and research for equity and global competitiveness improved	Number of higher education institutions (HEIs) in reputable international rankings increased	4	6.00	8.00	7.00	14.00	8		CHED	CHED	
		2016	2018	2019	2020	2021	2022				
	Certification rate of Technical and Vocational Education Training (TVET) graduates increased (%)	91.9	93.2	92.4	94.3	93.7	91.9	92		TESDA	TESDA
		2016	2017	2018	2019	2020	2021	2022			
Aggregate Outputs											
	Percentage of students awarded scholarships, grants, and other financial assistance increased (%)	5	17	49	60	55	45		CHED	CHED	
		2016	2017	2018	2019	2020	2022				
	Percentage of tertiary graduates in science, engineering, manufacturing, and construction increased (%)	26	35	37	38	42	40		CHED	CHED	
		2015	2017	2018	2019	2020	2022				
	Number of HEIs with accredited program increased	671	677	701			735		CHED	CHED	
		2016	2017	2018			2022				
	Number of Expanded Tertiary Education Equivalency and Accreditation Program graduates increased (%)	2,154	2,121	3,499	3,534	2,154	6,700		CHED	CHED	
		2016	2017	2018	2019	2020	2022				

Objectives/Results	Indicator	Baseline ^{a/}					Plan Target ^{b/}	Likelihood of Achieving the PDP target	Responsible Agency ^{c/}	Reporting Entity ^{d/}	
	Number of patents, utility model and industrial design issued to HEIs increased	231	290	741			500		CHED	CHED	
		2015	2017	2018			2022				
	Number of researches published in Scopus indexed publications	1,108	1,223	1,350	928		1,700		CHED	CHED	
		2016	2017	2018	2019		2022				
	Number of Masters and PhD graduates in thesis programs	22,322	22,656	25,950			20,000		CHED	CHED	
		2015	2017	2018			2022				
	Number of innovation hubs established within HEIs increased (cumulative)	81	71	71	84	84	150		CHED	CHED	
		2015	2017	2018	2019	2020	2022				
	Number of HEIs engaged in local and global partnerships and collaborations increased (cumulative)	44	54	75	94	97	170	100		CHED	CHED
		2015	2017	2018	2019	2020	2021	2022			
	Ratio of male to females in tertiary education										
	Ratio of male to female enrollees in higher education	1:1.3	1:1.25	1:1.24	1:1.21	1:1.28	1:1.25		CHED	CHED	
		2016	2017	2018	2019	2020	2022				
	Ratio of male to female trainees in TVET	1:1.14	1:1.14	1:1.16	1:1.18	1:1.05	1:1.09	1:1.2		TESDA	TESDA
		2016	2017	2018	2019	2020	2021	2022			
	Percentage of Faculty with MS/MA degree/s increased	40.37	40	38	39	40	45.00		CHED	CHED	
		2016	2017	2018	2019	2020	2022				
	Percentage of Faculty with Ph.D. degree/s increased	13.32	14	17	16	15	19.00		CHED	CHED	
		2016	2017	2018	2019	2020	2022				
	Number of TVET Trainers trained in Trainers Methodology	10,029	11,159	10,118	10,855	4,023	7,746	11,000		TESDA	TESDA
		2016	2017	2018	2019	2020	2021	2022			

Objectives/Results	Indicator	Baseline ^{a/}						Plan Target ^{b/}	Likelihood of Achieving the PDP target	Responsible Agency ^{c/}	Reporting Entity ^{d/}
Sub-chapter Outcome 1.3											
Income-earning ability increased and adaptability enhanced	Aggregate Outputs										
	Youth placed in education increased	42,351	40,888	147,611	220,501	435,258	457,548	580,000		CHED	CHED
	Youth placed in training increased	117,078		196,225	252,356	101,110	167,566	808,691		TESDA	TESDA
	Special Program for Employment of Students (SPES)	213,912	195,380	169,065	123,351	40,204	139,244	895,491		DOLE	DOLE
	Jobstart	3,398	7,802	1,810	1,673		3,907	18,800		DOLE	DOLE
	Private Education Student Financial Assistance (PESFA) Program	5,900		12,830	12,634	6,201	8,037	128,000		TESDA	TESDA
	Training for Work Scholarship Program (TWSP)	96,100		153,985	128,514	46,586	134,989	1,159,000		TESDA	TESDA
	Special Training for Employment Program (STEP)	15,000		24,982	40,104	17,707	13,199	119,000		TESDA	TESDA
	Immersion Outreach Program	1,300			1,281		80	7,300		DSWD	DSWD- PMB
	Number of beneficiaries granted access to free tertiary education	906,719		1,220,000	1,330,000	1,620,000	1,623,000	1,500,000		CHED	CHED
Sub-chapter Outcome 1.3.1											
Employability improved	Duration of school-to-work transition of TESDA graduates decreased (months)	3.0	2.85	3.64	3.42	3.36	1.35	3.25		NEDA-SDC	TESDA
	Percentage of discouraged workers decreased (%)	12.50	11.60	11.50	22.58			11.0		NEDA-SDC	PSA
		<i>2014</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>			<i>2022</i>			

Objectives/Results	Indicator	Baseline ^{a/}					Plan Target ^{b/}	Likelihood of Achieving the PDP target	Responsible Agency ^{c/}	Reporting Entity ^{d/}
	Unemployment rate of college graduates reduced	7.5					12.3 9.3 8.00		NEDA-SDC	PSA
		2019					2020 2021 2022			
	Employment rate of TVET graduates increased ^{f/}	66.2	71.9	68.6	84.2		70.5 78.6 69.4		NEDA-SDC	TESDA
		2016	2017	2018	2019		2020 2021 2022			
	Percentage of females with advanced degrees employed increased (% cumulative) ^{g/}	60.2					60.7 65.1 82		NEDA-SDC	PSA
		2019					2020 2021 2022			
	Labor force participation rate of women increased (%)	50.1	46.2	46.6	47.6		45.8 51.2 48.5-50.5		NEDA-SDC	PSA
		2015	2017	2018	2019		2020 2021 2022			
	Aggregate Outputs									
	Number of graduates in in-demand and hard-to-fill occupations increased	185,399	192,038	202,038	250,000		15,352 630,000		CHED, DOLE-BLE	CHED, DOLE-BLE
		2015/2016	2017	2018	2019		2020 2022			
	Number of female students enrolled in advanced education program increased (cumulative)	125,400	164,000	177,000	182,000		144,000 915,000		CHED	CHED
		2015	2017	2018	2019		2020 2022			
	Individuals reached through the LMI	3,229,806	4,188,172	4,184,649	4,026,416		2,259,362 4,040,947 23,177,216		DOLE	DOLE
		2016	2017	2018	2019		2020 2021 2022			
	Sub-chapter Outcome 1.3.2									
Productivity improved	Labor productivity in industry sector increased (% growth)	2.0	4.0	0.8	2.1		-2.3 -3.5 4.40 - 4.65		NEDA-SDC	PSA
		2015	2017	2018	2019		2020 2021 2022			
	Labor productivity in service sector increased (% growth)	2.8	7.7	4.0	2.0		-0.7 -6.4 5.35 - 5.61		NEDA-SDC	PSA
		2015	2017	2018	2019		2020 2021 2022			

Objectives/Results	Indicator	Baseline ^{a/}					Plan Target ^{b/}	Likelihood of Achieving the PDP target	Responsible Agency ^{c/}	Reporting Entity ^{d/}
Sub-chapter Outcome 1.3.3										
Labor mobility and income security enhanced	Share of employees in precarious work to the total employed (%) ^{h/}	18.9	17.8	18.3	16.9	17.2	17.9		NEDA-SDC	PSA
		2016	2017	2018	2019	2020	2022			
	Share of wage and salary workers in precarious work to the total wage and salary workers (%) ^{h/}	30.7	28.5	28.7	26.3	27.4	28.3		NEDA-SDC	PSA
		2016	2017	2018	2019	2020	2022			

^{a/} Actual data as of December 2016, or latest available before 2016

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

^{c/} Concerned NEDA Board Committees/Cabinet Cluster/Inter-Agency Committees responsible for delivering the outcomes and the concerned implementing agencies for delivering the outputs

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

^{e/} Core indicator but no available regional data

^{f/} Refers to percentage of TVET graduates for the period that are already employed over the total number of TVET graduates for the same period. 2021-2022 targets were revised based on NTESD Plan.

^{g/} Percentage of females with advanced degrees is the proportion of female graduates with post-baccalaureate degree (Masters and PhD) to total working age population of female graduates with post-baccalaureate degree.

^{h/} Precarious work refers to workers whose nature of employment is short-term or seasonal or casual or those who worked for different employers on day-to-day or week-to-week basis.

List of Acronyms:

CHED - Commission on Higher Education

DepEd - Department of Education

DOH - Department of Health

DOLE - Department of Labor and Employment

DOLE-BLE - Bureau of Local Employment

DOST-FNRI - Food and Nutrition Research Institute

DSWD - Department of Social Welfare and Development

DSWD-PMB - Program Management Bureau

IATF - Inter-Agency Task Force

NEDA SDC-HDPRC - Social Development Committee – Human Development and Poverty Reduction Cluster

NEDA-SDC - Social Development Committee

NNC - National Nutrition Council

PhilHealth - Philippine Health Insurance Corporation

POPCOM - Commission on Population and Development

PSA - Philippine Statistics Authority

TESDA - Technical Education and Skills Development Authority