

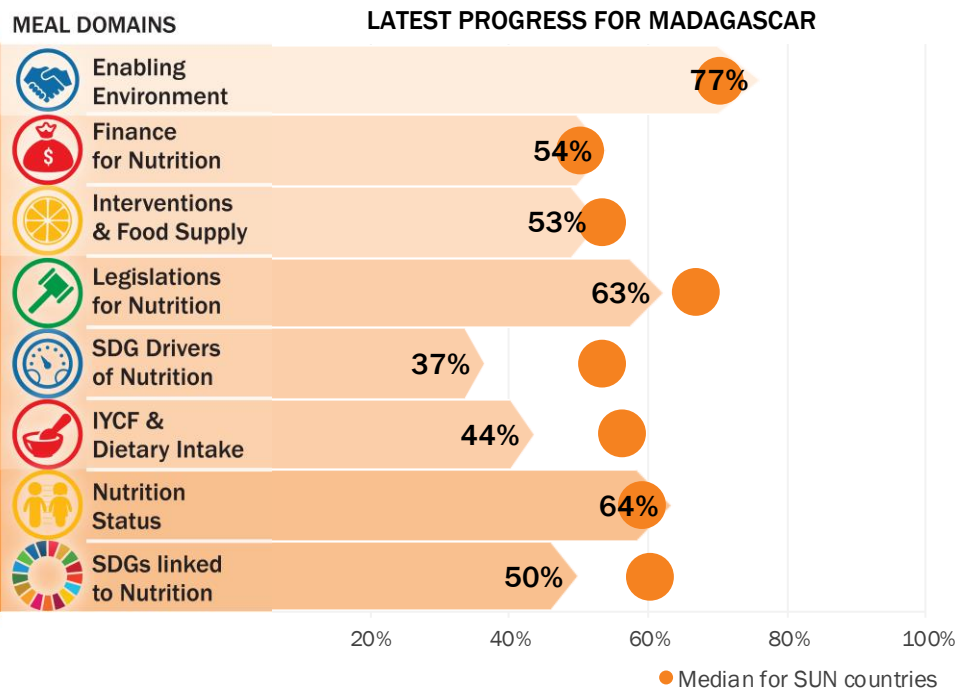


Madagascar

The Scaling Up Nutrition (SUN) Movement Monitoring, Evaluation, Accountability and Learning (MEAL) System was developed for the SUN Strategy 2016-2020. It identifies a wide range of desired results and associated indicators of progress across eight domains in which the SUN Movement seeks to catalyze change and deliver nutrition impact. These results correspond to the steps in the SUN Movement Theory of Change.

The Country Dashboard provides an overview of progress using a set of indicators aligned with globally agreed frameworks for nutrition and the SDG Framework. It is designed to support SUN Movement stakeholders at all levels to assess performance and inform strategic decisions towards ending all forms of malnutrition.

SUN MOVEMENT THEORY OF CHANGE



Madagascar

Joined the SUN Movement in 2012

Population 25,571,000
(UNPD 2017)

Income class Low income
(World Bank 2019)

Humanitarian risk class High
(INFORM 2019)

Data for Madagascar are available for 75/85 (88%) MEAL indicators, with most covering the timeframe 2009-2018. Based on the data, Madagascar is progressing well with strong performance in the enabling environment and legislation for nutrition (with noted success for the Code of marketing of breast-milk substitutes and maternity protection), as well as moderate performance on finance for nutrition. However, more could be done for scaling up coverage of nutrition actions, improving uptake of optimal child feeding and diet behaviours, and addressing the underlying drivers of malnutrition, especially access to basic water and sanitation services, to address the high burden of malnutrition, particularly under-5 stunting, low birthweight, and anaemia and under-nutrition among women.



Enabling Environment

As stakeholders from different sectors come together to build an enabling environment for improving nutrition, it results in a multi-stakeholder platform, functioning networks of nutrition actors, progress in the SUN Movement processes, integration of nutrition in development plans and improved nutrition information systems.

INDICATOR	SCORE	DATA SOURCE	SUN MEDIAN
<i>Bringing people together</i>			
1.1 Existence of a Multi-Stakeholder Platform (MSP)	Yes	JAA 2019	Yes
1.2 Number of networks (UN, business, donor, civil society)	4	JAA 2019	3
A) UN Network Functionality Index (out of 6)	6	UNN 2019	6
B) SUN Business Network Functionality Index (out of 5)	3	SBN 2019	1
C) SUN Civil Society Network Functionality Index (out of 6)	6	CSN 2019	5
1.3 Mobilization of High-level Advocates for Nutrition (# of types)	3	JAA 2019	2
<i>Changing behaviours and committing to common results</i>			
1.4 SUN Movement Processes Total Score	61%	JAA 2019	68%
Process 1) Bringing people together into a shared space for action	69%	JAA 2019	75%
Process 2) Ensuring a coherent policy and legal framework	58%	JAA 2019	73%
Process 3) Aligning actions around common results	69%	JAA 2019	69%
Process 4) Financing tracking and resource mobilisation	46%	JAA 2019	60%
1.5 WHA Targets included in National Nutrition Plans (out of 6)	4	PNAN 2012-2015	4
1.6 NCD Targets included in National Nutrition Plans (out of 4)	0	PNAN 2012-2015	0
1.7 Information Systems for Nutrition Index (score out of 9)	4.5	SMS 2019	6
1.8 Integration of Undernutrition in National Development Policies, rank	29 of 57	2015-2019	31
1.9 Integration of Overnutrition in National Development Policies, rank	22 of 41	2015-2019	31



Finance for Nutrition

As multiple stakeholders mobilize resources, the results include increased spending for evidence-based high-impact nutrition actions from both national and external funding sources.

INDICATOR	SCORE	DATA SOURCE	SUN MEDIAN
2.1 National Budget Spending for Nutrition			
A) Budget Analysis Completeness (out of 4 key elements)	3	SMS 2015	3
B) Budget spending per child U5 for nutrition-specific interventions	\$1.49	SMS 2015	\$1.13
C) Percentage budgeted for nutrition-specific spending	3.9%	SMS 2015	1.3%
2.2 Donor Funding for Nutrition			
A) Donor spending on nutrition-specific interventions per stunted child U5	\$6.77	R4D 2015-2017	\$9.02
B) Donor spending on nutrition-specific interventions per child U5	\$3.31	R4D 2015-2017	\$3.16
2.3 Agriculture Orientation Index	0.25	FAO 2008	0.19



Interventions and Food Supply

As multiple stakeholders mobilize resources and align their actions, the results include increased coverage of nutrition actions, increased diversity and quality of food supply, and equitable geographic distribution of nationally agreed core actions and implementation capacity for nutrition.

INDICATOR	SCORE	DATA SOURCE	SUN MEDIAN
3.1 Baby-Friendly Hospital Initiative–certified Health Facilities	88%	WHO 2017	3%
3.2 Severe Acute Malnutrition Treatment (children 6-59 mos)	16%	UNICEF 2017	36%
3.3 Vitamin A Supplementation (children 6-59 mos)	87%	UNICEF 2017	62%
3.4 Antenatal Iron Supplementation (90+ tablets)	8%	DHS 2008-09	33%
3.5 Nutrition Professionals Density (per 100,000 population)	0.1	WHO 2016-2017	0.8
3.6 Iodized Salt Availability	68%	UNICEF 2009	80%
3.7 ORS and Zinc Treatment for Diarrhea (children 0–5 yrs)	1.0%	UNICEF 2008	8%
3.8 Deworming Treatment (children 12–59 mos)	69%	UNICEF 2009	42%
3.9 Insecticide Treated Net Use (children 0–5 yrs)	73%	UNICEF 2016	48%
3.10 Vaccination Coverage (DTP3 in 1 yr olds)	75%	WHO 2018	84%
3.11 Family Planning Needs Met (modern method)	50%	UNPD 2009	50%
3.12 Non-staple Foods Availability (% of calories)	21%	FAO 2012	39%
3.13 Fruits & Vegetables Availability (grams per capita)	172	FAO 2013	281
3.14 Fortification Status of Food Vehicles	Improve salt	GAIN 2016	N/A
3.15 Social Protection Programme Coverage	0%	World Bank 2010	13%
3.16 Government ministries involved in nutrition actions at national level	No data		9
3.17 Stakeholders involved in nutrition actions at subnational level	No data		8
3.18 High-impact nutrition-specific actions coverage at subnational level	No data		76%



Enacted Legislations for Nutrition

Results achieved through better alignment include progress in the implementation and monitoring of legislations for nutrition.

INDICATOR	SCORE	DATA SOURCE	SUN MEDIAN
4.1 International Code of Marketing of Breastmilk Substitutes (level of implementation)	Full provisions	WHO 2018	Many
4.2 Maternity Protection Legislation	Yes	ILO 2013	Partial
4.3 Right to Food Legislation (level of constitutional recognition)	Moderate	FAO 2017	Moderate
4.4 Restrictions on Marketing of Food/Beverages to Children	Not reported	WHO 2017	Not achieved
4.5 Mandatory Food Fortification Legislation	Salt	GFDx 2019	2 food vehicles
4.6 Fortification Standards	Salt	GFDx 2019	2 food vehicles



SDG Drivers of Nutrition

Results achieved through aligned implementation also include changes in key drivers of nutrition, which are embedded in relevant sectors such as health, WASH, food systems, education, social protection and gender.

INDICATOR	SCORE	DATA SOURCE	SUN MEDIAN
5.1 Diarrhoea in children U5	11%	ENSOMD 2013	17%
5.2 Access to a basic drinking water service	54%	JMP 2017	69%
5.3 Access to a basic sanitation service	11%	JMP 2017	39%
5.4 Malaria incidence (per 1000 population)	91	WHO 2017	61
5.5 Measles cases reported (children U5)	4391	WHO 2018	282
5.6 Adolescent fertility (per 1000 women 15–19 years)	152	UNPD 2014	87
5.7 New HIV infections (per 1000 uninfected population)	0.24	UNAIDS 2018	0.26
5.8 Tuberculosis incidence (per 100,000 population)	238	WHO 2017	176
5.9 Undernourishment prevalence	44%	FAO 2017	17%
5.10 Moderate/severe food insecurity prevalence (adults)	No data		54%
5.11 Early marriage (before age 18)	41%	UNICEF 2013	30%
5.12 Female secondary school enrollment (% gross)	37%	UNESCO 2017	51%
5.13 Violent discipline among children 2–14 years	No data		82%
5.14 Growth in household income (shared prosperity premium)	No data		0.6%
5.15 Urban population living in slums	77%	UN-HABITAT 2014	54%



IYCF and Dietary Intake

Aligned implementation achieves results including improved infant and young child feeding practices, as well as improved dietary intake among various population groups.

INDICATOR	SCORE	DATA SOURCE	SUN MEDIAN
6.1 Exclusive breastfeeding (infants 0–5 mos)	42%	UNICEF 2013	47%
6.2 Early initiation of breastfeeding	66%	UNICEF 2012	55%
6.3 Minimum Acceptable Diet (children 6–23 mos)	No data		13%
6.4 Minimum Diet Diversity (children 6–23 mos)	22%	UNICEF 2008	23%
6.5 Fruit and vegetable intake (g/day in adults)	94	GBD 2016	134
6.6 Sodium intake (g/day in adults)	2.6	GBD 2016	2.7
6.7 Iodine intake status (median urinary iodine concentration, µg/l)	46	IGN 2015	171
6.8 Population consumption of fortified food	No data		N/A



Nutrition Status

The outcome of scaling up nutrition-specific and nutrition-sensitive actions is better nutrition for all – children, adolescents, women and men. Countries show progress towards achieving national nutrition targets, including WHA global nutrition and NCD diet-related targets.

	INDICATOR		SCORE	DATA SOURCE	SUN MEDIAN
7.1	Stunting (children U5)		49%	JME 2013	31%
7.2	Low birthweight		17%	UNICEF 2015	14%
7.3	Overweight (children U5)		1.1%	JME 2013	3.7%
7.4	Wasting (children U5)		8%	JME 2013	7%
7.5	Anaemia among pregnant women		36%	WHO 2016	44%
7.6	Anaemia among non-pregnant women		37%	WHO 2016	37%
7.7	Low BMI (adult women)		14%	NCD-RisC 2016	9%
7.8	Overweight and obesity (adult women)		31%	NCD-RisC 2016	37%
7.9	Overweight and obesity (adolescent girls 10-19 years)		13%	NCD-RisC 2016	15%
7.10	Diabetes (adult women)		4.8%	NCD-RisC 2014	7.5%
7.11	Hypertension (adult women)		28%	NCD-RisC 2015	28%



SDGs linked to Nutrition

Better nutrition contributes to the achievement of SDGs, including reduced mortality, increased cognitive ability and school attainment, increased economic productivity and reduced extreme poverty.

	INDICATOR		SCORE	DATA SOURCE	SUN MEDIAN
8.1	Population below the poverty line		78%	World Bank 2012	28%
8.2	U5 Mortality Rate (per 1000 live births)		54	UNICEF 2018	54
8.3	NCD Mortality Rate (per 100,000 population)		626	WHO 2016	664
8.4	Early child development status (36–59 mos)		No data		63%
8.5	Annual GDP growth per capita		5.2%	World Bank 2018	4.3%

Colour Classification Legends

TABLE 1 ENABLING ENVIRONMENT

	Green	Blue	Yellow	Red
1.1	Yes	Interim		No
1.2	3-4	2	1	0
1.2 a-c	5-6	3-4	1-2	0
1.3	All 3	2	1	None
1.4 all	≥70%	55-69%	40-54%	<40%
1.5	5-6	3-4	1-2	None
1.6	3	2	1	None
1.7	7.5-9.0	6.0-7.4	4.5-5.9	0-4.4
1.8	Top 15	16-30	31-45	46-56
1.9	Top 15	16-30	31-39	40

TABLE 2 FINANCE FOR NUTRITION

	Green	Blue	Yellow	Red
2.1a	All 4	3 of 4	2 of 4	1 of 4
2.1b	≥\$8	\$5-7	\$1-4	<\$1
2.1c	>10%	5-10%	1-4%	<1%
2.2a	≥\$15	\$7.5-14	\$3.5-7.4	<\$3.50
2.2b	≥\$5	\$2.5-4.9	\$1-2.49	<\$1
2.3	≥1	0.5-0.9	0.2-0.5	0-0.1

TABLE 3 INTERVENTIONS & FOOD SUPPLY

	Green	Blue	Yellow	Red
3.1	≥60%	30-59%	5-29%	0-4%
3.2	≥75%	40-74%	10-39%	<10%
3.3	≥90%	80-89%	60-79%	<60%
3.4	≥50%	30-49%	15-29%	<15%
3.5	≥2.0	0.8-1.9	0.2-0.7	<0.2
3.6	≥90%	75-89%	50-74%	<50%
3.7	≥20%	10-19%	5-9%	<5%
3.8	≥60%	40-59%	25-39%	<25%
3.9	≥55%	40-54%	20-39%	<20%
3.10	≥90%	80-89%	50-79%	<50%
3.11	≥65%	50-64%	35-49%	<35%
3.12	≥50%	40-50%	30-39%	<30%
3.13	≥400 g	250-399	100-249	<100%
3.14	Sustain 2+	Sustain 1	Improve	All build
3.15	≥60%	40-59%	15-39%	<15%
3.16	TBD			
3.17	TBD			
3.18	TBD			

TABLE 4 ENACTED LEGISLATIONS FOR NUTRITION

	Green	Blue	Yellow	Red
4.1	Full	Many	Few	None
4.2	Yes	Partial		Not achieved
4.3	Strong	Moderate	Weak	None
4.4	Fully achieved			Not achieved
4.5	≥1 staple food + salt + oil	≥1 staple food + salt/oil	≥1 food vehicle	None
4.6	3+ foods	2 foods	1 food	None

TABLE 5 SDG DRIVERS OF NUTRITION

	Green	Blue	Yellow	Red
5.1	0-11%	12-17%	18-24%	≥25%
5.2	≥85%	70-84%	55-69%	<55%
5.3	≥60%	35-59%	20-34%	<20%
5.4	<10	10-99	100-249	≥250
5.5	<10	10-99	100-999	≥1000
5.6	<44	44-99	100-149	≥150
5.7	<.25	0.25-0.49	0.50-1.9	≥2.0
5.8	<100	100-199	200-349	≥350
5.9	<10%	10-19%	20-29%	≥30%
5.10	<30%	30-49%	50-59%	≥60%
5.11	<20%	20-29%	30-39%	≥40%
5.12	≥65%	50-64%	30-49%	<30%
5.13	<75%	75-79%	80-84%	≥85%
5.14	≥1		<1%	<0
5.15	<40%	40-54%	55-69%	≥70%

TABLE 6 IYCF AND DIETARY INTAKE

	Green	Blue	Yellow	Red
6.1	≥50%	35-49%	15-34%	<15%
6.2	≥65%	50-64%	25-49%	<25%
6.3	≥40%	20-39%	10-19%	<10%
6.4	≥50%	25-49%	15-24%	<15%
6.5	≥400	200-399	100-199	<100 g
6.6	0-1.9	2.0-29	3.0-3.9	≥4.0 g
6.7	200-299	100-199	≥300	0-99 µg/L
6.8	≥70%	50-69%	10-49%	<10%

TABLE 7 NUTRITION STATUS

	Green	Blue	Yellow	Red
7.1	<20%	20-29%	30-39%	≥40%
7.2	<10%	10-14%	15-19%	≥20%
7.3	<4%	4-6%	7-9%	≥10%
7.4	<5%	5-9%	10-14%	≥15%
7.5	<20%	20-29%	30-39%	≥40%
7.6	<20%	20-29%	30-39%	≥40%
7.7	<5%	5-9%	10-14%	≥15%
7.8	<30%	30-34%	35-39%	≥40%
7.9	<10%	10-14%	15-19%	≥20%
7.10	<6.0%	6.0-7.4%	7.5-8.9%	≥9%
7.11	<20%	20-24%	25-29%	≥30%

TABLE 8 SDGS LINKED TO NUTRITION

	Green	Blue	Yellow	Red
8.1	<15%	15-34%	35-49%	≥50%
8.2	0-39	40-69	70-99	≥100
8.3	0-600	601-700	701-800	≥801
8.4	≥75%	65-74%	60-64%	<60%
8.5	≥7%	3.5-6.9%	0-3.4%	<0%

Note: The classification is based on performance relative to other SUN countries except when established cut-offs are available. The "green" colour indicates "good" performance, intervention coverage or nutrition status in relative terms. It does not represent that this target has been fully met.

A detailed description of the MEAL Framework of Results and Lists of Indicators, including definitions and data sources, is available at <http://bit.ly/sunmeal>

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