



PRIME MINISTER'S DEPARTMENT
DEPARTMENT OF STATISTICS MALAYSIA

SDG GOAL 2 ZERO HUNGER

25 and 26 May 2022



20 OCT



2016 - 2030




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OVERVIEW: SDG GOAL 2

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INDICATORS - GOAL 2

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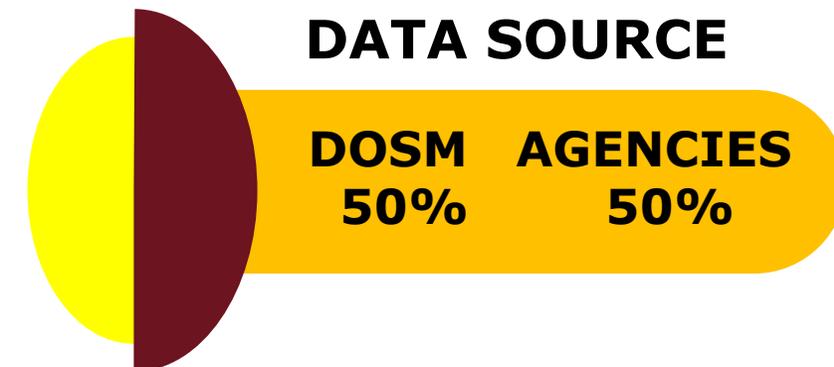
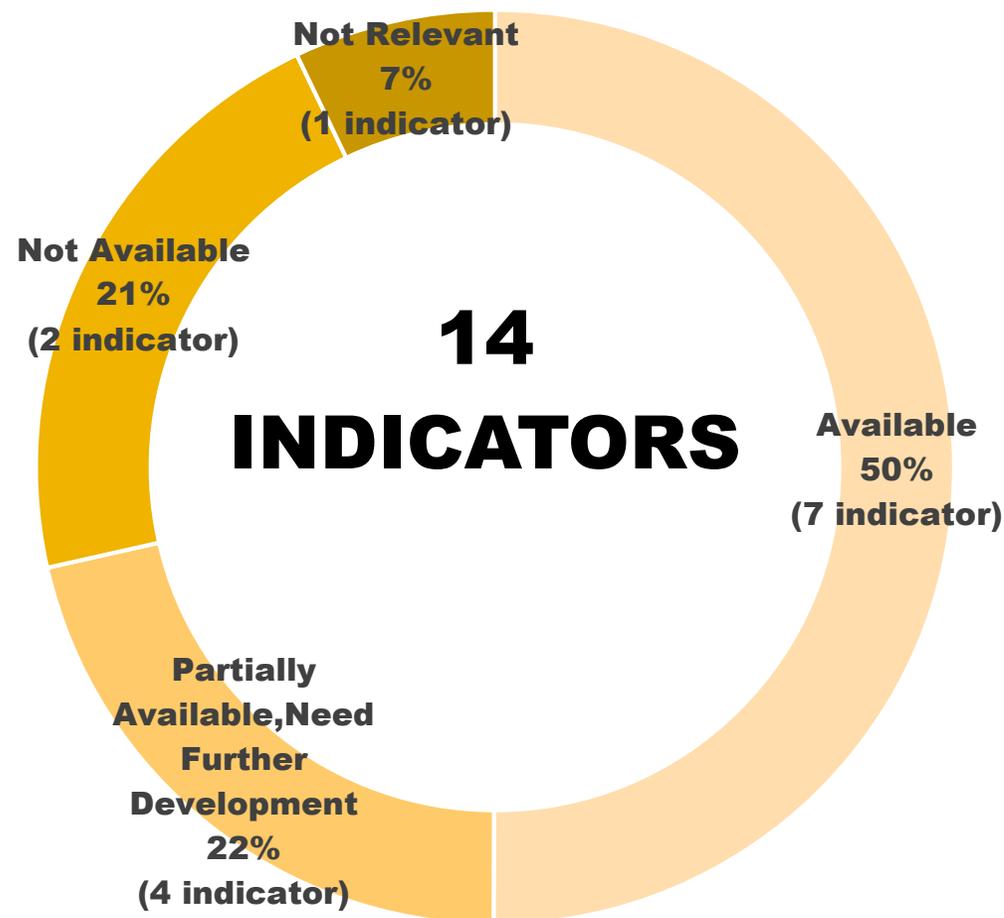
INDICATORS IN DEVELOPMENT

04

EXPERIENCE SHARING



OVERVIEW: SDG GOAL 2



Note:
Available (50%) – 7 indicator:
 Fully – 4 indicator
 Partially – 1 indicator
 Proxy – 2 indicator



MALAYSIA STATUS OF SDG 2 INDICATOR:



Target 2.1:

By 2030, end hunger and ensure access by all people, in particular the poor and people in vulnerable situations, including infants, to safe, nutritious and sufficient food all year round

INDICATOR	NAME OF INDICATOR (BASED ON 52ND SESSION)	CURRENT STATUS SDG INDICATORS, MALAYSIA 2020	AGENCIES, SDG INDICATORS, 2020	Proxy, 2020	SURVEY/ ADMIN
2.1.1	Prevalence of undernourishment	Available	Ministry of Health Malaysia, MOH	Prevalence of undernourishment Proxy: Prevalence of underweight among children under 5 years of age	National Health and Morbidity Survey Report, 2015, 2019 Ministry of Health Malaysia
2.1.2	Prevalence of moderate or severe food insecurity in the population, based on the Food Insecurity Experience Scale (FIES) Prevalence of undernourishment	Available	Ministry of Health Malaysia, MOH	Prevalence of moderate or severe food insecurity in the population, based on the Food Insecurity Experience Scale (FIES) Prevalence of undernourishment Proxy: Prevalence of food insecurity at household, adult and child levels	National Health and Morbidity Survey Report, 2015, 2019 Ministry of Health Malaysia



MALAYSIA STATUS OF SDG 2 INDICATOR:



Target 2.2:

By 2030, end all forms of malnutrition, including achieving, by 2025, the internationally agreed targets on stunting and wasting in children under 5 years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women and older persons

INDICATOR	NAME OF INDICATOR (BASED ON 52ND SESSION)	CURRENT STATUS SDG INDICATORS, MALAYSIA 2020	AGENCIES, SDG INDICATORS, 2020	Proxy, 2020	SURVEY/ ADMIN
2.2.1	Prevalence of stunting (height for age <-2 standard deviation from the median of the World Health Organization (WHO) Child Growth Standards) among children under 5 years of age	Available	Ministry of Health Malaysia, MOH	Prevalence of undernourishment Proxy: Prevalence of underweight among children under 5 years of age	National Health and Morbidity Survey Report, 2015, 2019 Ministry of Health Malaysia
2.2.2	Prevalence of malnutrition (weight for height $>+2$ or <-2 standard deviation from the median of the WHO Child Growth Standards) among children under 5 years of age, by type (wasting and overweight)	Available	Ministry of Health Malaysia, MOH	Prevalence of moderate or severe food insecurity in the population, based on the Food Insecurity Experience Scale (FIES) Prevalence of undernourishment Proxy: Prevalence of food insecurity at household, adult and child levels	National Health and Morbidity Survey Report, 2015, 2020 Ministry of Health Malaysia



MALAYSIA STATUS OF SDG 2 INDICATOR:



Target 2.2:

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2.2.1	Prevalence of stunting (height for age <-2 standard deviation from the median of the World Health Organization (WHO) Child Growth Standards) among children under 5 years of age	Available	Ministry of Health Malaysia, MOH	Prevalence of undernourishment Proxy: Prevalence of underweight among children under 5 years of age	National Health and Morbidity Survey Report, 2015, 2019 Ministry of Health Malaysia
2.2.2	Prevalence of malnutrition (weight for height >+2 or <-2 standard deviation from the median of the WHO Child Growth Standards) among children under 5 years of age, by type (wasting and overweight)	Available	Ministry of Health Malaysia, MOH	Prevalence of moderate or severe food insecurity in the population, based on the Food Insecurity Experience Scale (FIES) Prevalence of undernourishment Proxy: Prevalence of food insecurity at household, adult and child levels	National Health and Morbidity Survey Report, 2015, 2020 Ministry of Health Malaysia
2.2.3	Prevalence of anaemia in women aged 15 to 49 years, by pregnancy status (percentage)	Available	Ministry of Health Malaysia, MOH	-	Administrative data



MALAYSIA STATUS OF SDG 2 INDICATOR:



Target 2.3:

By 2030, double the agricultural productivity and incomes of small-scale food producers, in particular women, indigenous peoples, family farmers, pastoralists and fishers, including through secure and equal access to land, other productive resources and inputs, knowledge, financial services, markets and opportunities for value addition and non-farm employment

INDICATOR	NAME OF INDICATOR (BASED ON 52ND SESSION)	CURRENT STATUS SDG INDICATORS, MALAYSIA 2020	AGENCIES, SDG INDICATORS, 2020	Proxy, 2020	SURVEY/ ADMIN
2.3.1	Volume of production per labour unit by classes of farming/pastoral/ forestry enterprise size	Not Available	<ul style="list-style-type: none"> i. Ministry of Agriculture and Food Industries, (MAFI) ii. Department of Agriculture, (DOA) 	-	-
2.3.2	Average income of small-scale food producers, by sex and indigenous status	Partially Available	<ul style="list-style-type: none"> i. Department of Agriculture, (DOA) ii. Department of Veterinary Services, Malaysia, (DVS) 	-	Administrative data



MALAYSIA STATUS OF SDG 2 INDICATOR:



Target 2.4:

By 2030, ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality

INDICATOR	NAME OF INDICATOR (BASED ON 52ND SESSION)	CURRENT STATUS SDG INDICATORS, MALAYSIA 2020	AGENCIES, SDG INDICATORS, 2020	Proxy, 2020	SURVEY/ ADMIN
2.4.1	Proportion of agricultural area under productive and sustainable agriculture	Not Available	<ul style="list-style-type: none"> i. Ministry of Agriculture and Food Industries, MAFI ii. Department of Agriculture, DOA iii. Department of Fisheries, DOF 	-	-



MALAYSIA STATUS OF SDG 2 INDICATOR:



Target 2.5:

By 2020, maintain the genetic diversity of seeds, cultivated plants and farmed and domesticated animals and their related wild species, including through soundly managed and diversified seed and plant banks at the national, regional and international levels, and promote access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge, as internationally agreed

INDICATOR	NAME OF INDICATOR (BASED ON 52ND SESSION)	CURRENT STATUS SDG INDICATORS, MALAYSIA 2020	AGENCIES, SDG INDICATORS, 2020	PROXY, 2020	SURVEY/ ADMIN
2.5.1	Number of (a) plant and (b) animal genetic resources for food and agriculture secured in either medium- or long-term conservation facilities	Available	Department of Veterinary Services	-	Administrative data
2.5.2	Proportion of local breeds classified as being at risk of extinction	Available	Department of Veterinary Services		Administrative data



MALAYSIA STATUS OF SDG 2 INDICATOR:



Target 2.a:

Increase investment, including through enhanced international cooperation, in rural infrastructure, agricultural research and extension services, technology development and plant and livestock gene banks in order to enhance agricultural productive capacity in developing countries, in particular least developed countries

INDICATOR	NAME OF INDICATOR (BASED ON 52ND SESSION)	CURRENT STATUS SDG INDICATORS, MALAYSIA 2020	AGENCIES, SDG INDICATORS, 2020	PROXY, 2020	SURVEY/ ADMIN
2.a.1	The agriculture orientation index for government expenditures	Partially Available, Need Further Development (PAND)	i. Ministry of Finance Malaysia, MOF	-	Administrative data
2.a.2	Total official flows (official development assistance plus other official flows) to the agriculture sector	Partially Available, Need Further Development (PAND)	i. Ministry of Agriculture and Food Industries, MAFI ii. Department of Veterinary Services, DVS	-	Administrative data



MALAYSIA STATUS OF SDG 2 INDICATOR:



Target 2.b:

Correct and prevent trade restrictions and distortions in world agricultural markets, including through the parallel elimination of all forms of agricultural export subsidies and all export measures with equivalent effect, in accordance with the mandate of the Doha Development Round

INDICATOR	NAME OF INDICATOR (BASED ON 52ND SESSION)	CURRENT STATUS SDG INDICATORS, MALAYSIA 2020	AGENCIES, SDG INDICATORS, 2020	PROXY, 2020	SURVEY/ ADMIN
2.b.1	Agricultural export subsidies	Partially Available, Need Further Development (PAND)	i. Ministry of Finance Malaysia, MOF	-	Administrative data



INDICATORS GOAL 2



	2015	2019
 2.1.1 Prevalence of undernourishment	12.4%	14.1% 

	2014
 2.1.2 Prevalence of moderate or severe food insecurity in the population, based on the Food Insecurity Experience Scale (FIES) <ul style="list-style-type: none"> • Prevalence of food quantity insufficiency due to financial constraint in the past 12 months • Prevalence of food variety insufficiency due to financial constraint in the past 12 months • Prevalence of meal size reduction due to financial constraint in the past 12 months • Prevalence of main meal skip due to financial constraint in the past 12 months • Prevalence of children feeding with cheap and affordable food • Prevalence of children feeding with less food variety due to financial constraint 	<p>25.0%</p> <p>25.5%</p> <p>21.9%</p> <p>15.2%</p> <p>23.7%</p> <p>20.8%</p>



INDICATORS GOAL 2



		2015	2019
	2.2.1 Prevalence of stunting (height for age <-2 standard deviation from the median of the World Health Organisation (WHO) Child Growth Standards) among children under 5 years of age	17.7%	21.8% 
	2.2.2 Prevalence of malnutrition (weight for height $>+2$ or <-2 standard deviation from the median of the WHO Child Growth Standards) among children under 5 years of age, by type (wasting and overweight)		
	• Wasting	8.0%	9.7% 
	• Overweight	7.1%	5.6% 



INDICATORS GOAL 2 cont.



		2015	2019
	2.2.3 Prevalence of anaemia in women aged 15 to 49 years, by pregnancy status (percentage)	34.8%	29.9% 

		2018	2019	2020
	2.5.1 Number of (a) plant and (b) animal genetic resources for food and agriculture secured in either medium or long-term conservation facilities <ul style="list-style-type: none"> • Semen • Local live purebred cattle 	24,390 573	23,490 655	24,259 529
	2.5.2 Proportion of local breeds classified as being at risk of extinction	99.9	99.9	99.9



CHALLENGES

Disaggregated Data

- Granular data is not available in current surveys;
- i.e State, strata, type of technology.

Administrative Data

- Data sources are not centralised;
- Metadata is not clearly defined;
- Format data/ unstructured data is challenging and takes time to process;
- Inconsistent of time series data

Statistical Literacy

- Awareness of the importance of the SDGs statistics.

OVERCOME

Questionnaire

- Revise/ update current surveys questionnaire;
- Planning new survey.

Data Quality

- Partnership: Meeting/ discussion/ briefing/ seminar;
- Discuss the SDG metadata and harmonise data from agencies

Understanding

- Promote the concept and importance of SDGs to agencies and communities

THANK YOU



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2022



2012-2022



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2016-2030





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