

Somalia Early Warning-Early Action (EW-EA) Dashboard Indicators and Thresholds

Indicator Categories	Early Warning-Early Action (EW-EA) Indicators				PHASED THRESHOLDS		
	INDICATORS	DEFINITION	THRESHOLDS	DATA SOURCE	NORMAL	ALERT	ALARM
1. CLIMATE	Rainfall	% of long-term mean (monthly)	% decrease below average (Based on thresholds)	SWALIM/ USGS	<20% decrease/Any increase	20% – 60% decrease from LTM	> 60% decrease from LTM
	Normalized Difference Vegetation Index (NDVI)	% of long-term mean (monthly)	% decrease below normal NDVI (Based on thresholds)	SWALIM/ USGS	<0.05 decrease/Any increase	Decrease of 0.05 - 0.125 from Standard Deviation (also known as a “Small decrease”)	Decrease > 0.125 from Standard Deviation (also known as a “Large decrease”)
	Price of water	% increase (monthly) above five year average	% increase above normal level (Based on thresholds)	FSNAU/ FEWS NET	<5% increase/Any decrease	5% - 10% increase in price over LTM	> 10% increase in price over LTM
	Combined Drought Index (CDI)	Combined Drought Index (CDI)	Combined Drought Index (CDI)	SWALIM	> 1.0 (No Drought)	0.8-1.0 (Mild Drought)	<0.8 (Moderate to Extreme Drought)
	River levels/Flooding	Monitoring river level for flooding or high risk levels	River level above critical levels or flooding	SWALIM	< High risk level	>High risk level but < Bank full	> Bank Full
2. MARKET	Maize prices	% increase (monthly) above five year average	% increase above normal level (Based on thresholds)	FSNAU/ FEWSNET	<5% increase/ Any decrease	5% - 10% increase in price over LTM	> 10% increase in price over LTM
	Sorghum prices	% increase (monthly) above five year average	% increase above normal level (Based on thresholds)	FSNAU/ FEWSNET	<5% increase/ Any decrease	5% - 10% increase in price over LTM	> 10% increase in price over LTM
	Rice prices	% decrease (monthly) below five year average	% decrease below normal/average level	FSNAU/ FEWSNET	<5% increase/ Any increase	5% - 10% increase in price over LTM	> 10% increase in price over LTM
	Local goat prices	% decrease (monthly) below five year average	% decrease below normal level (Based on thresholds)	FSNAU/ FEWSNET	<5% decrease/ Any increase	5% - 10% decrease in price over LTM	> 10% decrease in price over LTM
	Wage labor	% decrease (monthly) below five year average	% decrease below normal level (Based on thresholds)	FSNAU/ FEWSNET	<5% decrease/ Any increase	5% - 10% decrease in price over LTM	> 10% decrease in price over LTM
	Terms of trade (wage labor to cereals)	% decrease (monthly) below five year average	Decrease below normal/average level	FSNAU/ FEWSNET	Zero change/Any increase	1kg - 2kg decrease below the LTM	decrease >= 3kg
	Terms of trade (local quality goat to cereals)	% decrease (monthly) below five year average	Decrease below normal/average level	FSNAU/ FEWSNET	<5Kgs decrease/any increase	decrease 6-10kg	decrease > 10kg
	Cost of Minimum Expenditure Basket	% decrease (monthly) below five year average	% decrease below normal/average level	FSNAU/ FEWSNET	<5% increase/ Any increase	5% - 10% increase in price over LTM	> 10% increase in price over LTM
3. HEALTH	AWD/Cholera outbreak	Magnitude of AWD/cholera deaths	AWD/Cholera Case Fatality Rates	Ministry of Health/WHO	0	Case Fatality Rate (CFR) ≤1%	CFR>1%
	Polio outbreak	Number of confirmed polio cases	Number of confirmed polio cases	Ministry of Health/WHO	0	0	1
	Measles outbreak	Number of confirmed measles cases	Number of confirmed measles cases	Ministry of Health/WHO	0	1	≥2
	Malaria	Number of confirmed malaria cases	Thresholds not yet established	Ministry of Health/WHO			
4. NUTRITION	New Case Admissions to Feeding and Treatment Centers	Monthly new case admission compared to five-year averages	Monthly new case admission compared to five-year averages	Nutrition Cluster	<25% increase in admissions compared to average	25-50% increase in admissions compared to average	>50% increase in admissions compared to average
5. POPULATION MOVEMENT	Number of displaced people	Arrivals (monthly)	Significant levels of departures (monthly)	UNHCR/PRMN	<1000 departures	1000 - 5000 departures	>5000 departures
		Departures (monthly)	Significant levels of arrivals (monthly)	UNHCR/PRMN	<1000 arrivals	1000 - 5000 arrivals	>5000 arrivals
6. INSECURITY	# of Security Related Incidents and Fatalities	# of Security Incidents	# of Security Incidents	ACLED	No security incidents	Some security related incidents but no fatalities	Some security related incidents leading to some fatalities
		# of Security Related Fatalities	# of Security Related Fatalities	ACLED	No security-related fatalities	Some security related incidents but no fatalities	One (1) ore more security-related fatalities