Annex 1: Logframe of JANO

	Results chain	Indicators	Definition Indicators	Baseline (incl. reference year)	Annual Assessment 2019	Annual Assessment 2020	MTR 2021	Targets (incl. reference year)	Sources and means of verification	Assumptions
Overall objective: Impact	To contribute in ending malnutrition of children under five years of age, together with addressing the nutritional needs of Pregnant and Lactating Women (PLW) and adolescent girls;	Prevalence of stunting among children under 5 years of age Nilphamari and Rangpur districts	Height for age < -2 SD of the WHO Child Growth Standards median (WHO guideline)	Nilphamari 34.1% Rangpur 36.1% Overall 34.8% (February-19)			Nilphamari 32.0% Rangpur 30.9% Overall 31.5% (June-21)	27.8 (2023)	Baseline Midline evaluation Final evaluation	**Note:** The initial logframe was based on the assumption that there is no disaster and long-term pandemic (COVID-19)
		Prevalence of wasting among children under 5 years of age Nilphamari and Rangpur districts	Weight for height < -2 SD of the WHO Child Growth Standards median (WHO guideline)	Nilphamari 7.5% Rangpur 12.3% Boys 10.1% Girls 8.2% Overall 9.2% (February-19)			Nilphamari 6.3% Rangpur 10.8% Boys 8.5% Girls 7.7% Overall 8.1% (June-21)	5.9% (2023)	Baseline Midline evaluation Final evaluation	COVID-19 pandemic situation gradually improves over the remaining project period, enabling project implementation

	Results chain	Indicators	Definition Indicators	Baseline (incl. reference year)	Annual Assessment 2019	Annual Assessment 2020	MTR 2021	Targets (incl. reference year)	Sources and means of verification	Assumptions
		Prevalence of underweight women age15-49 years in Nilphamari and Rangpur districts	BMI is a simple index of weight-to-height (WHO guideline)	Nilphamari 10.2% Rangpur 7.3% Overall 9.3% (February-19)			Nilphamari 8.4% Rangpur 6.7% Overall 7.6% (June-21)	5.9% (2023)	Baseline Midline evaluation Final evaluation	
Specific objective: Outcome	Improved maternal and child nutrition in Nilphamari and Rangpur districts	% of women of reproductive age in the targeted districts who are consuming a minimum dietary diversity (MDD)	Women 15-49 years of age have consumed at least five out of ten defined food groups the previous day or night. (FANTA-III)	Nilphamari 30.9% Rangpur 41.8% Overall 34.9% (February-19)	Nilphamari 32.5% Rangpur 42.3% Overall 37.0% (October-19)	Nilphamari 33.5% Rangpur 44.3% Overall 38.4% (October-20)	Nilphamari 35.7% Rangpur 45.5% Overall 40.2% (June-21)	46.9% (2023)	Annual report Baseline Midline evaluation Final evaluation	No major catastrophes and natural disasters such as floods. Political environment remains conducive, especially after elections in 2018, to

	Results chain	Indicators	Definition Indicators	Baseline (incl. reference year)	Annual Assess ment 2019	Annual Assess ment 2020	MTR 2021	Targets (incl. reference year)	Sources and means of verification	Assumptions
		% reduction of anaemia among pregnant women in Nilphamari and Rangpur districts	Pregnant women as a haemoglobin concentration < 110 g/l at sea level. (WHO guideline)	Nilphamari 55.7% Rangpur 60.0% Overall 57.3% (February-19)			Nilphamari 53.4% Rangpur 56.5% Overall 54.8% (June-21)	50.0% (2023)	Baseline Final evaluation	project implementation. COVID-19 pandemic situation gradually improves over the remaining project period, enabling project implementation
		Proportion of children 6–23 months of age who receive foods from 4 or more food groups (based the MDD-C methodology) by sex (Percentage)	Children 6-23 months age who received four food groups out of seven (WHO standard)	Boys 18.1% Girls 17.4% Nilphamari 18.1% Rangpur 17.2% Overall 17.8% (February-19)	Boys 19.4% Girls 21.2% Nilpha mari 20.7% Rangpu r 20.2% Overall 20.4% (Octobe r-19)	Boys 21.8% Girls 23.5% Nilpha mari 22.7% Rangpu r 22.4% Overall 22.6% (Octobe r-20)	Boys 22.9% Girls 24.8% Nilpham ari 23.3% Rangpur 24.3% Overall 23.7% (June-21)	30.2% (2023)	Annual report Baseline Midline evaluation Final evaluation	Nutrition remains high in the development agenda of the Government Ministries and departments are supportive to operationalize

	Results chain	Indicators	Definition Indicators	Baseline (incl. reference year)	Annual Assessment 2019	Annual Assessment 2020	MTR 2021	Targets (incl. reference year)	Sources and means of verification	Assumptions
		# of UNCC and UDCC spent budget effectively on nutrition-specific or nutrition-sensitive actions	• For UNCC: implementation of at least 50% of planned actions • For UDCC: spending of at least 30% of the fiscal year budget on nutrition-specific or nutrition-sensitive actions	Nilphamari 0 DNCC UNCC UDCC Rangpur 0 DNCC UNCC UDCC Overall 0 (February-19)	Nilphamari 0 DNCC UNCC UDCC Rangpur 0 DNCC UNCC UDCC Overall 0 (October-19)	2 DNCC, 7 UNCC, 64 UDCC (73 plans) (Source: KII) (October-20)	2 DNCC, 14 UNCC, 64 UDCC (80 plans) (Source: KII and Consultation meeting) (August 2021)	7 UNCC, 64 UDCC (will be monitored from 2nd year to 5th year) (2023)	Annual reports Action plan documents at district and upazila level Baseline Midterm evaluation Final evaluation Monitoring reports (Social audit)	multi-sectoral approaches to nutrition programming
		% of increased participation of community	• Govt. led forums: CG, CSG, UP special committee,	Participation in meeting discussion Formal:	Participation in meeting discussion	Participation in meeting discussion	Participation in meeting discussion	Formal 11.79% Informal 11.79%	Monitoring reports Annual reports Baseline	

	Results chain	Indicators	Definition Indicators	Baseline (incl. reference year)	Annual Assessment 2019	Annual Assessment 2020	MTR 2021	Targets (incl. reference year)	Sources and means of verification	Assumptions
		people, particularly women, in formal (government-led) and/ or informal (civil society-led, private sector-led) decision-making spaces	Up standing committee, adolescent group, student council, • Informal group: VSLA, FFS, Mothers group, youth group, women support group • Participation in the meeting and in the discussion Data disaggregation by sex (Definition aligned with CARE	Nilphamari 1.79% Rangpur 1.81% Overall 1.79% Informal: Nilphamari 1.79% Rangpur 1.81% Overall 1.79% (February-19)	Formal: Nilphamari 0.47% Rangpur 0.47% Overall 0.93% Informal: Nilphamari 2.33% Rangpur 1.16% Overall 3.49% (October-19)	Formal: Nilphamari 1.16% Rangpur 1.63% Overall 2.79% Informal: Nilphamari 2.56% Rangpur 2.33% Overall 4.88% (October-20)	Formal: Nilphamari 10.9% Rangpur 9.7% Overall 10.3% Informal: Nilphamari 9.5% Rangpur 9.9% Overall 9.7% (June-21)		Midline evaluation Final evaluation (Social audit)	

	Results chain	Indicators	Definition Indicators	Baseline (incl. reference year)	Annual Assessment 2019	Annual Assessment 2020	MTR 2021	Targets (incl. reference year)	Sources and means of verification	Assumptions
			global indicators.)							

	Results chain	Indicators	Definition Indicators	Baseline (incl. reference year)	Annual Assessment 2019	Annual Assessment 2020	MTR 2021	Targets (incl. reference year)	Sources and means of verification	Assumptions
Expected Result I Output I	Women and adolescent girls in communities are empowered to demand and utilize both nutrition-sensitive and nutrition-specific services	% of students disaggregated by sex who apply key learning points regarding nutrition, health and hygiene at home	**At least 5 learning of the below:** • Food ingredients, food prepare and food serving • Intake of diversified food • Home gardening • Safe drinking water • Adolescent health & Hygiene • Hand wash in key times • Use of sanitary latrines • Information about health service providers	Nilphamari 0.22% Rangpur 0% Boys 0.44% Girls 0.0% Overall 0.15% (February-19)	Nilphamari 2.54% Rangpur 1.30% Boys 1.67% Girls 2.26% Overall 2.09% (October-19)	Nilphamari 2.22% Rangpur 4.38% Boys 2.98% Girls 3.05% Overall 3.02% (October-20)	Nilphamari 7.2% Rangpur 8.6% Boys 6.9% Girls 8.2% Overall 7.7% (June-21)	15.4% (2023)	Monitoring reports Annual reports Baseline Midterm evaluation Final evaluation	COVID-19 pandemic situation will gradually improve over the remaining project period. Schools are partially or fully open and SMCs are functional.

Results chain	Indicators	Definition Indicators	Baseline (incl. reference year)	Annual Assessment 2019	Annual Assessment 2020	MTR 2021	Targets (incl. reference year)	Sources and means of verification	Assumptions
	% of women and adolescent have claimed nutrition specific and sensitive services from relevant service providers	• Community Clinic (CC) for health services • Extension services for agriculture and livelihood	CC: Nilphamari 37.8% Rangpur 30.7% Overall 35.5% Extension services: 3.98% (February-19)	CC: Nilphamari 39.74% Rangpur 31.63% Overall 36.05% Extension services: 7.44% (October-19)	CC: Nilphamari 40.68% Rangpur 32.99% Overall 37.21% Extension services: 8.84% (October-20)	CC: Nilphamari 43.5% Rangpur 36.4% Overall 40.1% Extension services: 7.2% (June-21)	CC=53.5% Extension services=19% (2023)	Service record book of the respective service providers Monitoring reports	
	% of CSGs in targeted communities are functional	Qualify five out of seven performance indicator prescribed by government	0% (February-19)	Rangpur 198 Nilphamari 414 Total 612* (Source Project Manager KII) (October-19)	Nilphamari 37% Rangpur 45 % Overall 41% (October-20)	73%	60% (2023)	Monitoring reports Annual reports Baseline Midterm evaluation Final evaluation	

	Results chain	Indicators	Definition Indicators	Baseline (incl. reference year)	Annual Assessment 2019	Annual Assessment 2020	MTR 2021	Targets (incl. reference year)	Sources and means of verification	Assumptions
		# of School Management Committees set agenda for nutrition specific and sensitive services for adolescents in the SMC meeting	SMCs will raise issues in the meeting, set them in the action plan and that will be mentioned in the meeting minutes	Nilphamari 6 Rangpur 1 Overall 7 (February-19)	Nilphamari 199 Rangpur 103 Overall 302* (Source SMC members) Monitoring reports	Nilphamari 157 Rangpur 88 Overall 245 (Source Survey with SMC members) (October-20)	330 SMCs (Source KII)	330 SMCs (2023)	Event reports Meeting records Monitoring reports Annual reports	

	Results chain	Indicators	Definition Indicators	Baseline (incl. reference year)	Annual Assessment 2019	Annual Assessment 2020	MTR 2021	Targets (incl. reference year)	Sources and means of verification	Assumptions
Expected Result II	Coordinated and resourced sub-national and local government structures recognize, respond and are accountable to demands of poor and marginalized communities	# of Multi-sectoral plans at district, upazila and union level have allocated budget to support nutrition interventions in the two target districts	At least allocated budget to address one action in the multi-sectoral nutrition action plan in each year	Nilphamari 0 Rangpur 0 Overall 0 (February-19)	Nilphamari 0 Rangpur 0 Overall 0 (October-19)	2 DNCC, 7 UNCC, 64 UDCC (73 plans) (October-20) (Source KII) (October-20)	80 plans 2 DNCCs 14 UNCCs 64 UDCCs	73 plans with allocated budget (64 unions, 7 upazilas, 2 districts in each years)	Budget records Monitoring reports Annual reports	Government of Bangladesh continues efforts to implement the NPAN No political and/or economic crisis (especially due to elections)

	Results chain	Indicators	Definition Indicators	Baseline (incl. reference year)	Annual Assessment 2019	Annual Assessment 2020	MTR 2021	Targets (incl. reference year)	Sources and means of verification	Assumptions
		% of increase of PLW people from the target population received nutrition specific safety net support	• Maternal allowance • 1000 days • Supplementary feeding • Maternal Health Voucher • Area based Community Nutrition Scheme • VGF • VGD • Iron folic acid supplementation	Nilphamari 8.0% Rangpur 9.2% Overall 8.4% (February-19)	Nilphamari 9.7% Rangpur 10.7% Overall 10.2% (October-19)	Nilphamari 10.26% Rangpur 11.11% Overall 10.64% (October-20)	Nilphamari 11.5% Rangpur 13.5% Overall 12.4% (June-21)	18.4% (2023)	Participant lists from UP Project MIS Monitoring reports Annual reports	

	Results chain	Indicators	Definition Indicators	Baseline (incl. reference year)	Annual Assessment 2019	Annual Assessment 2020	MTR 2021	Targets (incl. reference year)	Sources and means of verification	Assumptions
		% of women and adolescent girls of target population in government forums (UDCC, CG, CSG) meaningfully participated in the nutrition action plan development and implementation process	Meaningful Participation: • Raise issue in the forum • Incorporated raised issues in planning	Nilphamari 0 Rangpur 0.6% Overall 0.2% (February-19)	Nilphamari 0.9% Rangpur 0.0% Overall 0.5% (October-19)	Nilphamari: 64.4% Rangpur 45.5% Overall 54.0% (October-20) (Source Over phone Survey with (UDCC, CG, CSG) members) (October-20)	Nilphamari 43.4% Rangpur 39.3% Overall 41.2% (June-21)	60% (2023)	Meeting minutes Annual reports	

Results chain	Indicators	Definition Indicators	Baseline (incl. reference year)	Annual Assessment 2019	Annual Assessment 2020	MTR 2021	Targets (incl. reference year)	Sources and means of verification	Assumptions
	# of platforms in the target districts which allow effective feedback mechanisms for service receivers	• Availability of a complain box/hot line number/or any other mechanism • Open complain box regularly for addressing in the monthly meeting. • Register all submitted complain • Public hearing meeting • Discussed in the regular meeting about the submitted complains.	Nilphamari 0 DNCC UNCC UDCC CC Rangpur 0 DNCC UNCC UDCC CC Overall 0 (February-19)	Nilphamari 0 DNCC UNCC UDCC CC Rangpur 0 DNCC UNCC UDCC CC Overall 0 (Ocotober-19)	64 Unions and 208 CCs (Ocotober-20)	64 Unions and 208 CCs	64 Unions and 208 CCs	Project MIS Meeting minutes of different platforms Annual reports	

	Results chain	Indicators	Definition Indicators	Baseline (incl. reference year)	Annual Assessment 2019	Annual Assessment 2020	MTR 2021	Targets (incl. reference year)	Sources and means of verification	Assumptions
Expected Result III	Production and access to high value nutritious commodities and services are increased	% of households involved in the production of higher value nutrition products	**Higher value nutrition products:** 1. Is bio-fortified 2. Is a legume, nut, or some seeds 3. Is an animal source food, including dairy products 4. Is a dark yellow or orange-fleshed root or tuber 5. Is a fruit or vegetable	Nilphamari 34.5% Rangpur 41.0% Overall 36.7% (February-19)	Nilphamari 32.9% Rangpur 45.4% Overall 38.6% (October-19)	Nilphamari 35.6% Rangpur 46.9% Overall 40.7% (October-20)	Nilphamari 37.4% Rangpur 48.0% Overall 42.3% (June-21)	56.7% (2023)	Annual reports Baseline Midterm evaluation Final evaluation	Opportunities for pro-poor market exist Private companies recognize the potential of last mile marketing

Results chain	Indicators	Definition Indicators	Baseline (incl. reference year)	Annual Assessment 2019	Annual Assessment 2020	MTR 2021	Targets (incl. reference year)	Sources and means of verification	Assumptions
	% of households practicing climate smart agricultural techniques	**Minimum 3 techniques have to be used out of 20 criteria**	Nilphamari 3% Rangpur 8% Overall 5% (February-19)	Nilphamari 4.7% Rangpur 10.6% Overall 8.3% (October-19)	Nilphamari 7.3% Rangpur 12.9% Overall 9.4% (October-20)	Nilphamari 12.6% Rangpur 15.5% Overall 13.9% (June-21)	25% (2023)	Annual reports Baseline Midterm evaluation Final evaluation	
	# of initiative jointly taken as a result of tripartite agreement	Tripartite initiative (Govt.+JANO+Private sector) will be taken on agriculture, livestock, WASH, micronutrient supplementation as an outcome of tripartite MoU signing.	Nilphamari 0 Rangpur 0 Overall 0 (February-19)	Nilphamari 0 Rangpur 0 Overall 0 (Ocotober-19)	Nilphamari 0 Rangpur 0 Overall 0 (Ocotober-20)	2 initiatives taken	At least 2 initiatives will be taken on each of the following thematic areas: agriculture, livestock, WASH, micronutrient supplementation as an outcome of tripartite MoU signing. (2023)	Project monitoring reports Baseline Midterm evaluation Final evaluation	

	Results chain	Indicators	Definition Indicators	Baseline (incl. reference year)	Annual Assessment 2019	Annual Assessment 2020	MTR 2021	Targets (incl. reference year)	Sources and means of verification	Assumptions
Expected Result IV	Information and communication technology (ICT) platform is established at local level to connect relevant govt. departments and increase awareness of community people on nutrition interventions'	# of government forums (UNCC, DNCC,) utilizing Nutrition Information Portal for planning and decision making at district and upazila level	One web-based platform established	There is no Nutrition Information Portal for planning and decision making at district and upazila level (February-19)	0 (October -19)	0 (October -20)	One web-based platform developed	9 govt. forums (2 DNCC, 7 UNCC) (2023)	Meeting minutes Final evaluation	Sufficient internet facilities in the targeted locations Limited fluctuation of front-line workers Government continues efforts in ICT solutions Community members use data from ICT platforms
		% of frontline workers and volunteers using the ICT based e-learning platform to support the community based on needs	Mobile based learning app are used by frontline workers and volunteers	0% Frontline workers (February-19)	Monitoring reports	0 (October -20)	Preparatory work completed	50% of relevant govt. frontline workers and volunteers (2023)	Monitoring reports Annual reports Final evaluation	

	Results chain	Indicators	Definition Indicators	Baseline (incl. reference year)	Annual Assessment 2019	Annual Assessment 2020	MTR 2021	Targets (incl. reference year)	Sources and means of verification	Assumptions
		% of community members who have accessed or received ICT based nutritional information	community members will have access nutritional information from the mobile based learning apps and receive text messages	Nilphamari 2.4% Rangpur 7.8% Male 4.1% Female 8.3% Overall 4.2% (February-19)	Nilphamari 6.4% Rangpur 8.2% Male 5.3% Female 4.7% Overall 7.2% (October-19)	Nilphamari 8.1% Rangpur 10.8% Male 9.7% Female 10.5% Overall 9.3% (October-20)	Nilphamari 13.5% Rangpur 14.5% Male 14.8% Female 15.4% Overall 14.0% (June-21)	45% of community members (2023)	Monitoring reports Annual reports Final evaluation	