

Supplementary Table 1. Participants' Sociodemographic Information

Items		n (%)
Age	18-24	136 (32.8)
	25-34	97 (23.4)
	35-44	89 (21.4)
	45-54	70 (16.9)
	55 and more	23 (5.5)
Residence	Arar	227 (54.7)
	Turaif	87 (21.0)
	Rafha	101 (24.3)
Marital status	Married	379 (91.3)
	Divorced\widowed	36 (8.7)
Number of children	1-2	215 (51.8)
	3-4	83 (20.0)
	More than 4	117 (28.2)
Educational level	Intermediate or less	39 (9.4)
	High school	64 (15.4)
	University	312 (75.2)
Occupation	Governmental	225 (54.2)
	Private	59 (14.2)
	Housewife	131 (31.6)
Income	Insufficient	62 (14.9)
	Sufficient	277 (66.7)
	Sufficient and more	76 (18.3)
Information source regarding childhood vaccines	Friends and families	132 (31.8)
	Ministry of Health activities	283 (68.2)

Supplementary Table 2. Maternal Knowledge Regarding Child Immunization

Items	Yes n (%)	No n (%)	I don't know n (%)
Vaccination is important for a child's health.	380 (91.6)	20 (4.8)	15 (3.6)
Immunization is essential for community health	377 (90.8)	4 (.9)	34 (8)
Vaccination is crucial for children from the first day of birth.	324 (78.1)	42 (10.1)	49 (11.8)
Vaccines prevent infectious diseases.	352 (84.8)	31 (7.5)	32 (7.7)
Vaccination lowers the rates of mortality and disability.	338 (81.5)	30 (7.2)	47 (11.3)
Vaccination could help prevent HB.	348 (83.9)	27 (6.5)	40 (9.6)
Vaccination could help control DPT.	346 (83.4)	23 (5.5)	46 (11.1)
Measles can be prevented with immunization.	346 (83.4)	24 (5.8)	45 (10.8)
Malnutrition, mild fever, and diarrhea are not considered contraindications for vaccination.	266 (64.1)	77 (18.6)	72 (17.3)
Some immunizations might cause fever and pain.	340 (81.9)	36 (8.7)	39 (9.4)
Some immunizations might cause convulsions and a skin reaction.	283 (68.2)	51 (12.3)	81 (19.5)
Most diseases against which children are immunized arise during their first years of life.	327 (78.8)	42 (10.1)	46 (11.1)
Children's immunity is based on receiving numerous doses of the same vaccine at regular intervals.	334 (80.5)	34 (8.2)	47 (11.3)
Receiving more than one vaccine at the same time has no harmful effects on a child's immunity.	245 (59)	81 (19.5)	89 (21.4)
Is it necessary to vaccinate children during immunization campaigns?	326 (78.6)	44 (10.6)	45 (10.8)
It is advised that children be vaccinated against seasonal influenza	308 (74.3)	50 (12)	57 (13.7)

Supplementary Table 3. Respondents' Satisfaction With Immunization Services Delivered By PHCs

Variables	Strongly dissatisfied n (%)	Dissatisfied n (%)	Neutral n (%)	Satisfied n (%)	Strongly satisfied n (%)
How satisfied are you with facilities such as ease of registration, scheduling, waiting area, examination room, and so on?	5 (1.2)	6 (1.4)	29 (7)	88 (21.2)	187 (69.2)
Healthcare practitioners discuss different childhood immunizations and the necessity of becoming immunized	5 (1.2)	12 (2.9)	49 (11.8)	90 (21.7)	259 (62.4)
I was given a briefing on the dosage and mode of vaccine administration.	3 (0.7)	17 (4.1)	57 (13.7)	78 (18.8)	260 (62.7)
The healthcare providers consider my vaccine concerns.	3 (0.7)	14 (3.4)	44 (10.6)	92 (22.2)	262 (63.1)
Follow up guidance on possible harmful effects.	5 (1.2)	11 (2.70)	32 (7.7)	96 (23.1)	271 (65.3)
Follow-up advice regarding the next vaccine and compliance with taking it on the specified date.	5 (1.2)	10 (2.4)	29 (7)	96 (23.1)	275 (66.3)