Gandaki Province Routine immunization monitoring update from 2018 to 2023

Routine Immunization Independent monitoring is conducted through SMOs and trained monitors to provide real-time data for evidence-based interventions at appropriate administrative levels. This monitoring also identifies children who have missed routine vaccinations due to any cause and refers them to the nearest center for complete vaccination. This monitoring has been a continuous activity in Nepal since 2018. Till Aug 2023, 476, session sites and 949 health facilities in 11 districts were monitored using structured checklists. About 7141 children in 665 high-risk communities were monitored out of which 6899(97%) were age-appropriately immunized.

Age-appropriate vaccination status (%) among children aged 6 weeks to 59 months in community found during Quick Immunization Assessment

471 community

4224 children

4088 children

Number of age appropriately unimmunized children

- 1 - 4
- 5 - 24
- 25 - 49
- 50 - 74
- 75 and more

Age appropriately immunized

- less than 60%
- 60% - 79%
- 80% - 89%
- 90 and more

2018	2019	2020	2021	2022	2023
Y=85% N=15%	Y=94% N=6%	Y=96% N=4%	Y=99% N=1%	Y=97% N=3%	Y=96% N=4%

Reason category for not receiving age-appropriate vaccination(2018-2022)

Child Vaccination Card Available(2018-2022)

Mother/caregiver knows vaccines due for next visit & date, day, and place of session(2018-2022)

Child vaccination card status and reasons(2018-2022)

Reason	#	%
1 - not received	10	12%
2 - Lost	56	67%
3 - Torn	16	19%
4 - Others	1	1%
Total	83	100%

Category	Reason	2018		2019		2020		2021		2022		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
Service Delivery	1a. Vaccination site too far	1	1	0	0	0	0	0	0		0	1	0
	1b. Vaccinator not available	5	4	0	0	0	0	0	0		0	5	1
	1c.Vaccines not available	1	1	6	4	1	0	0	0		0	8	1
	1d.Syringes or other supplies not available		0		0		0		0		0	0	0
	1e. Immunization session not conducted		0		0		0		0	9	10	9	2
	1f. Immunization session conducted but not regularly according to schedule		0		0		0		0		0	0	0
	1g.Working or busy parents		0		0		0		0	1	1	1	0
	1h.Not good experience with services (services, long waiting time, health workers' behaviour, immunization session site location etc.)		0		0		0		0		0	0	0
	1i. Migration/mobile population (Example: seasonal migration, ethnic group migration, construction workers etc.)	0	0	0	0	0	0	1	1	2	2	3	1
	1j.Displaced population (refugee,IDP,flood victims or disaster victims)		0		0		0		0		0	0	0
Knowledge Gap	2a.Mother does not know total no. of contact for complete immunization	4	3	2	1	3	0	3	2	7	8	19	3
	2b.Mother does not know the age for vaccination of different vaccine	4	3	3	2	1	0	2	1	2	2	12	2
	2c.Mother does not know immunization session site		0		0		0		0		0	0	0
Service Uptake	3a.Child not at home	20	14	8	5	1	0	0	0	4	4	33	6
	3b.Child sick	28	20	33	20	2	0	4	2	8	9	75	13
	3c.Fear of AEFI (any AEFI or fever or pain)	0	0	1	1	1	0	0	0	1	1	3	1
	3d.Thinking will go later		0		0		0		0	2	2	2	0
	3e.Fear of multiple injections		0		0		0		0		0	0	0
	3f.Past history of AEFI		0		0		0		0		0	0	0
	3g.No belief in vaccine	0	0	1	1	0	0	0	0		0	1	0
	3h.Religious	0	0	1	1	0	0	0	0	1	1	2	0
	3i.Fear of getting infected with COVID-19 at immunization session site		0		0		0		0	1	1	1	0
	3j.Undecided (Can not decide whether vaccine is needed or not)		0		0		0		0		0	0	0
	3k.Complete refusal to vaccinate		0		0		0		0		0	0	0
Other	4 - Others	8	6	11	7	0	0	4	2	2	2	25	4
	Reason Unknown		0		0		0		0	7	8	7	1
Gandaki Province		**71**	**100**	**66**	**100**	**9**	**0**	**14**	**100**	**47**	**100**	**207**	**100**

Routine immunization monitoring update 2023

In 2023, 6 districts (8 visits), 126 health facilities (132 visits), 30 session sites (54 visits) and 194 high risk communities were monitored. About 2917 children aged 6 weeks to 59 months were monitored out of which 2811 (96%) children were found to be age-appropriately vaccinated.

District Checklist

Findings

District	District visited	Total visits	District has updated district micro plan as per nes local administrative structure: Yes (#)	Yes (%)	District update vaccine and logistic control register at the end of immunization sessions for last month: Yes (#)	Yes (%)	Adequate stock of all vaccines , syringes for last 3 months: Yes (#)	Yes (%)
Baglung	1	1	1	100	1	100	1	100
Gorkha	1	2	-	-	1	100	1	100
Kaski	1	1	1	100	1	100	1	100
Lamjung	1	1	-	-	1	100	1	100
Manang	-	-	-	-	-	-	-	-
Mustang	-	-	-	-	-	-	-	-
Myagdi	-	-	-	-	-	-	-	-
Nawalparasi East	-	-	-	-	-	-	-	-
Parbat	1	2	1	100	1	100	1	100
Syangja	-	-	-	-	-	-	-	-
Tanahu	1	1	-	-	1	100	1	100
Gandaki	6	8	3	50	6	100	6	100

Health Facility

21 vaccine substore were visited 24 times,76% adequate supply of vaccine and syringes for last 3 months

District	No HF visited	Total visits	Health facility got adequately bundled vaccines, diluents, syringes and safety boxes: Yes (#)	Yes (%)	Health facility updated micro-plan as per new local administrative structure (inclusion of HTR population and area from palika): Yes (#)	Yes (%)	Health facility initiated for 'full immunization' and sustainability plan if already declared fully immunized: Yes (#)	Yes (%)	Health facility conducted all sessions (out reach, fixed and mobile) as planned: Yes (#)	Yes (%)
Baglung	15	15	12	80	6	40	10	67	10	67
Gorkha	-	-	-	-	-	-	-	-	-	-
Kaski	27	27	26	96	21	78	26	96	26	96
Lamjung	-	-	-	-	-	-	-	-	-	-
Manang	2	2	2	100	-	-	2	100	2	100
Mustang	12	12	12	100	8	67	1	8	12	100
Myagdi	10	12	9	90	6	60	6	60	9	90
Nawalparasi Eas	14	14	14	100	14	100	13	93	10	71
Parbat	7	7	7	100	7	100	7	100	7	100
Syangja	1	1	1	100	1	100	1	100	1	100
Tanahu	38	42	38	100	36	95	37	97	38	100
Gandaki	126	132	121	96	99	79	103	82	115	91

Session Site

Findings

District	Health facilities visited	No. of sessons visit	Name list of children (expected and missed for earlier session) for this session available: Yes (#)	Yes (%)	Supply of vaccine doses , syringes, diluent and safety boxes matches with session targets: Yes (#)	Yes (%)	Vaccinator notes date & time of re-constitution for BCG, MR and JE vaccines: Yes (#)	Yes (%)	FCHV knows the ages for vaccination with different vaccines as per immunization schedule: Yes (#)	Yes (%)	Mothers/guardians are informed about next dose visits: Yes (#)	Yes (%)
Baglung	8	9	5	56	9	100	7	78	5	56	9	100
Gorkha	-	-	-	-	-	-	-	-	-	-	-	-
Kaski	12	25	18	72	25	100	23	92	23	92	25	100
Lamjung	-	-	-	-	-	-	-	-	-	-	-	-
Manang	-	-	-	-	-	-	-	-	-	-	-	-
Mustang	-	-	-	-	-	-	-	-	-	-	-	-
Myagdi	-	-	-	-	-	-	-	-	-	-	-	-
Nawalparasi Ea	-	-	-	-	-	-	-	-	-	-	-	-
Parbat	-	-	-	-	-	-	-	-	-	-	-	-
Syangja	-	-	-	-	-	-	-	-	-	-	-	-
Tanahu	10	20	10	50	18	90	20	100	14	70	20	100
Gandaki	30	54	33	61	52	96	50	93	42	78	54	100

Age-appropriate vaccination status (%) among children aged 6 weeks to 59 months in the community found during Quick Immunization Assessment, Jan to Dec 2023

District	Total Communities	Total Children	Yes (N)	Yes (%)
Baglung	8	78	75	96
Gorkha	-	-	-	-
Kaski	43	750	695	93
Lamjung	-	-	-	-
Manang	-	-	-	-
Mustang	-	-	-	-
Myagdi	53	537	515	96
Nawalparasi East	46	946	931	98
Parbat	10	90	80	89
Syangja	18	176	175	99
Tanahu	15	340	340	100
Province 4	191	2917	2811	96

- Less than 70%
- 70 % - 79 %
- 80 % - 89 %
- 90 % and more
- No community level monitoring

Data consist of quick immunization monitoring done in measles outbreak districts too

Quick immunization assessment is conducted in each community in 5-10 eligible children or more. Therefore, the age-appropriate vaccination % given in the map only reflects the % among the children assessed in the communities and not the whole palika or municipality.

Status of immunization card

Independent monitors conducting Rapid convenient monitoring in different communities

For not receiving age-appropriate vaccinations

Reason Category	Reason	Prov4 #	Prov4 %
Service Delivery	1a. Vaccination site too far	0	0
	1b. Vaccinator not available	0	0
	1c.Vaccines not available	0	0
	1d.Syringes or other supplies not available	0	0
	1e. Immunization session not conducted	0	0
	1f. Immunization session conducted but not regularly according to schedule	0	0
	1g.Working or busy parents	0	0
	1h.Not good experience with services (services, long waiting time, health workers' behaviour, immunization session site location etc.)	0	0
	1i. Migration/mobile population (Example: seasonal migration, ethnic group migration, construction workers etc.)	1	1
	1i. Migration-mobile population (Example: seasonal migration, ethnic group migration, construction workers etc.)	3	3
	1j.Displaced population (refugee,IDP,flood victims or disaster victims)	0	0
Knowledge Gap	2a.Mother does not know total no. of contact for complete immunization	15	14
	2b. Mother does not know the age for vaccination of different vaccine	11	10
	2c. Mother does not know immunization session site	2	2
Service Uptake	3a. Child not at home	11	10
	3b. Child sick	15	14
	3c. Fear of AEFI (any AEFI or fever or pain)	0	0
	3d. Thinking will go later	7	7
	3e. Fear of multiple injections	0	0
	3f. Past history of AEFI	0	0
	3g. No belief in vaccine	0	0
	3h.Religious	0	0
	3i.Fear of getting infected with COVID-19 at immunization session site	8	8
	3j. Undecided (Can not decide whether vaccine is needed or not)	0	0
	3k.Complete refusal to vaccinate	0	0
Others	Other	0	0
	Reason unknown	33	31
Total		106	100